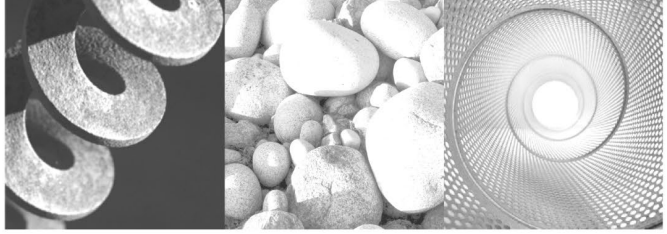

GEI Consultants

First Half 2025 Semi-Annual Groundwater Monitoring Report

Patchogue Former MGP Site NYSDEC Site No. 1-52-182

Village of Patchogue, Suffolk County, New York

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October 9, 2025
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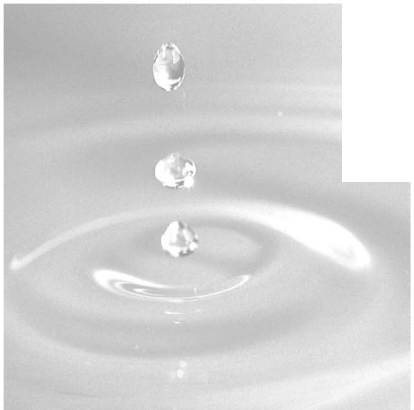

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Acronyms and Abbreviations

BC	Brown and Caldwell Associates
BTEX	Benzene, Toluene, Ethylbenzene and Isomers of Xylene
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Approval Program
Eurofins	Eurofins Edison Laboratories
FER	Final Engineering Report
GEI	GEI Consultants, Inc.
ISS	In Situ Solidification
MGP	Manufactured Gas Plant
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NAPL	Non-Aqueous Phase Liquid
NYCRR	New York State Code of Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PAH	Polycyclic Aromatic Hydrocarbon
QA/QC	Quality Assurance/Quality Control
SIM	Selective Ion Monitoring
Site	Patchogue Former MGP Site
TOGS	Technical ad Operational Guidance Series
µg/L	micrograms per liter
USEPA	United States Environmental Protection Agency

1. Introduction

This Groundwater Monitoring Report documents the implementation and summarizes the results of the groundwater monitoring activities conducted during the first half of 2025 at the Patchogue Former Manufactured Gas Plant (MGP) Site (hereinafter referred to as the "Site"). The Site remedy was completed in December 2019, which included in situ solidification (ISS) of MGP-related source materials and associated soils. The July 2025 groundwater monitoring activities were conducted by GEI Consultants, Inc. DBA GEI Consultants Engineering, Geology, Architecture & Landscape Architecture (GEI) and included the collection of water level measurements, non-aqueous phase liquid (NAPL) gauging and groundwater sampling activities.

The groundwater monitoring event and the preparation of this report are part of the long-term groundwater monitoring program being conducted at the Site in accordance with the Site Management Plan (SMP) prepared by Brown and Caldwell Associates (BC) and dated August 2023. The SMP was approved by the New York State Department of Environmental Conservation (NYSDEC) in January 2024. This report has been prepared for submittal to the NYSDEC and includes the following:

- Description of the scope of the field activities, methods, and procedures.
- Table summarizing the results of the water level measurements and the gauging for the presence of NAPL in the monitoring wells (Table 1).
- Table summarizing the analytical results for the groundwater samples obtained during the first half of 2025 groundwater monitoring event including a comparison to the applicable groundwater quality criteria (Table 2).
- Comparison of data from this monitoring period to data from historical monitoring events (Tables 3 and 4).
- Discussion of the results and findings from the groundwater monitoring data.
- A water table elevation contour map depicting the generalized direction of groundwater flow based on groundwater elevation data obtained from monitoring wells (Figure 1).
- Water quality trend plots for select constituents (Figures 2 through 7).
- Field Sampling Data Sheets (Appendix A).
- Laboratory Data Report (Appendix B).
- Data Usability Summary Report (DUSR) (Appendix C).
- Evaluation of Potential Impact to River from Site Constituents in Groundwater – March, June, September, and December 2020 Data (Appendix D).
- Evaluation of Potential Impact to River from Increased pH Levels in Groundwater – December 2020 Data (Appendix E).

1.1. Background

This report presents the results and findings associated with the July 2025 semi-annual groundwater monitoring event. Groundwater conditions prior to remedy implementation are documented and discussed in previous groundwater monitoring reports dating back to 2009 and in the "Final Remedial Investigation Report for the Patchogue Former MGP Site" (Tetra Tech EC, Inc., December 2009). Remedial construction activities, which included ISS of MGP-related source materials and associated soils, were performed during the period from June through December 2019. Final Site restoration efforts were completed in July 2020. Several monitoring wells and piezometers were decommissioned prior to remedial construction activities to facilitate remedy implementation. These wells included MW-5, MW-6, MW-9S, MW-9D, and PZ-1A through PZ-4A. Each well/piezometer was decommissioned in accordance with NYSDEC's guidance document "CP-43: Groundwater Monitoring Well Decommissioning Policy". A description of the decommissioning activities, as well as field inspection logs and well decommissioning records were provided under separate cover in the "Final Engineering Report" (FER) (BC, February 2022).

Prior to resumption of groundwater monitoring following remedial construction activities, five monitoring well couplets (MW-10S/D through MW-14S/D) were installed in January 2020 to facilitate performance of a long-term groundwater monitoring program at the Site. These additions to the well network were installed in accordance with the "100% Remedial Design Report" (BC, May 2019) and as modified by subsequent email correspondence (during the period from January 7 to 16, 2020) between National Grid and the NYSDEC. These wells are supplemental to existing wells MW-1, MW-3, and well couplets MW-4S/D, MW-7S/D, and MW-8S/D, which serve as Site perimeter monitoring locations. The well couplets installed in January 2020 were selected to provide additional well coverage for post-remediation groundwater quality monitoring at locations positioned around the ISS mass, and at locations between the ISS mass and the Patchogue River. The screens of the monitoring wells provide coverage across the vertical extent of the ISS mass. Monitoring well construction logs for the well couplets installed in January 2020 were provided in Appendix C of the SMP (BC, February 2023).

Groundwater monitoring prior to remedy implementation was conducted on a semi-annual basis; however, the sampling frequency was temporarily increased to quarterly to evaluate the effectiveness of the remedy for Calendar Years 2020 and 2021. Following completion of eight quarters of post-remediation monitoring and evaluation of the data, National Grid proposed several modifications to the long-term post-remedial groundwater monitoring program for the Site for review and approval by the NYSDEC. Specifically, based on the results of the 2020 and 2021 quarterly monitoring activities, the following modifications were proposed in the Fourth Quarter 2021 Groundwater Monitoring Report (BC, March 2022):

- **Elimination of Deeper Monitoring Wells from Groundwater Monitoring Program:** Monitoring of deep groundwater (eight well locations) is no longer warranted. Eight quarters of groundwater sampling have been conducted since completion of remedy implementation. MGP-related constituents were not detected or detected at very low levels (below New York State Class GA groundwater quality criteria) in the deep groundwater wells during these eight sampling events.
- **Removal of Methyl Tertiary-Butyl Ether from Analyte List:** This non MGP-related constituent has only been detected several times dating back to 2011 at very low concentrations below its

Class GA criterion at a single location (MW-8S) and thus, removal of this constituent from the analyte list was recommended.

- **Changing the Frequency of Groundwater Monitoring from Quarterly to Semi-Annually:** Tables 3 and 4 of the above-referenced report provide historical total benzene, toluene, ethylbenzene, and isomers of xylene (BTEX) compounds and total polycyclic aromatic hydrocarbon (PAH) concentration data, respectively, and based on a review of the 2020 and 2021 data in these tables, it is evident that the concentrations of more mobile constituents (i.e., BTEX compounds) increased shortly after completion of the remedy followed by increases in concentrations of less mobile PAH compounds in wells downgradient of the ISS mass. The BTEX concentrations have decreased throughout Calendar Years 2020 and 2021, while the PAH concentrations appear to have plateaued and are anticipated to decrease following this plateau. Sampling on a semi-annual basis is adequate for assessing groundwater quality conditions at the Site.

NYSDEC approved the above-recommended modifications in an email dated April 13, 2022, except for allowing the removal of deep monitoring well locations MW-12D and MW-13D from the monitoring program. Monitoring of both shallow and deep groundwater downgradient of the ISS monolith at these two monitoring well locations will continue as part of the semi-annual groundwater monitoring events.

2. Scope of Work

Field activities for the first half 2025 semi-annual groundwater monitoring event were conducted by GEI on July 28 and July 29, 2025. The activities conducted during this monitoring event are described below. Locations of the monitoring wells and staff gauges referenced below are depicted in Figure 1.

Prior to groundwater sampling, water level measurements and NAPL gauging were performed in the monitoring wells associated with the Site. The level of the Patchogue River was not able to be measured during the July 2025 sampling event from either surface water elevation control point, as these points could not be located. Water level measurements and NAPL gauging were conducted using an electronic oil/water interface probe; measurements were made to the nearest 0.01 foot.

Groundwater sampling was conducted at 12 monitoring wells (MW-1, MW-3, MW-4S, MW-7S, MW-8S, MW-10S, MW-11S, MW-14S; and well couplets MW-12S/D and MW-13S/D) following the water level and NAPL gauging activities using low-flow purging and sampling techniques in accordance with the United States Environmental Protection Agency (USEPA) protocol (USEPA, July 1996, Revised September 2017). Samples were submitted to Eurofins Edison Laboratories Environmental (Eurofins) located in Edison, New Jersey. Eurofins is certified (Certification No. 11452) through the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP).

The groundwater samples were analyzed for: BTEX compounds using USEPA SW-846 Method 8260, and PAHs using USEPA SW-846 Method 8270. The selective ion monitoring (SIM) component of the 8270 analysis was also performed on the samples to obtain lower detection limits for certain PAH compounds. The groundwater samples were also analyzed in the field for pH, specific conductivity, temperature, turbidity, oxidation-reduction potential, and dissolved oxygen (see Appendix A for field data sheets).

The laboratory report from Eurofins is provided in Appendix B. Laboratory analytical data were provided to GEI in electronic form by Eurofins and have been incorporated into the environmental database maintained by GEI for the Site.

In addition to the samples described above, quality assurance/quality control (QA/QC) samples were also collected. The QA/QC samples included: trip blanks (one per cooler containing samples for BTEX analysis), a field duplicate, and an equipment blank. Also, extra sample volume was collected from one location to provide for matrix spike/matrix spike duplicate (MS/MSD) analysis. The trip blank sample was analyzed for BTEX only. The other QA/QC samples were analyzed for BTEX and PAHs.

The groundwater analytical data packages were validated by GEI. DUSRs were prepared for the groundwater data packages (see Appendix C). Overall, the analytical data for the groundwater monitoring were determined to be usable for the intended purposes with minor qualifications.

3. Results and Findings

3.1. Water Level Data

Table 1 provides the water level data and calculated water elevations from the July 29, 2025, measurements. Figure 1 illustrates the elevation contours of the water table based on these data. The contours were developed using water level elevation data from the shallow monitoring wells (i.e., those with screens that straddle, or are just below, the water table) considered representative of the water table. Water level measurements from the Patchogue River were not able to be collected during the July 2025 sampling event as the surface water elevation control points could not be located. The groundwater elevation (hydraulic head) values for the wells screened in deeper intervals are also posted for reference on Figure 1. The water table is relatively shallow and is typically positioned in the fill that overlies the native alluvial deposits and outwash deposits and that overlies the ISS mass. The water table contours indicate that lateral groundwater flow is from the northwest to the south and southeast across the Site toward the Patchogue River.

3.2. NAPL Gauging

Table 1 presents the results of the NAPL gauging conducted in the monitoring wells associated with the Site during the July 2025 groundwater monitoring event. NAPL was not identified in any of the Site monitoring wells during the July 29, 2025 gauging activities.

3.3. Groundwater Quality Data

Table 2 provides the results of the laboratory analyses of the groundwater samples collected during the July 2025 monitoring event and a comparison of the data to the New York State Class GA groundwater quality criteria (i.e., New York State Codes, Rules and Regulations [NYCRR] Part 703 groundwater standards for Class GA water [groundwater]) or, for constituents with no standard, the corresponding guidance value from Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 referred to herein as the Ambient Groundwater Quality Standards (AGWQS).

Comparisons of total BTEX and total PAH concentrations from this sampling event to previous sampling events are provided as Tables 3 and 4, respectively.

Groundwater samples were collected from the 12 monitoring wells listed in Table 2 from July 28 to July 29, 2025, and submitted to the laboratory for analysis of BTEX and PAHs. Exceedances of the AGWQS were limited to PAHs and included acenaphthene in MW-11S (26 ug/L), benzo(a) anthracene in MW-3 (0.10 ug/L), MW-11S (0.090 ug/L), and MW-13S (0.13 ug/L), chrysene in MW-11S (0.062 ug/L), and MW-13S (0.077 ug/L), and naphthalene in MW-3 (28 ug/L). Acenaphthene and naphthalene are constituents that are considered Site-related and potentially mobile in groundwater. The presence of these constituents in groundwater at these locations is an expected result of the disturbance of the subsurface during implementation of the ISS, and the elevated concentrations are expected to decrease with time. As discussed further below in this section, benzo(a)anthracene and chrysene have very low aqueous solubilities, and their detection may not represent constituents that are mobile in groundwater.

Prior to remediation in the area downgradient of the MGP-related source materials, these constituents were either not detected or detected at concentrations below Class GA groundwater quality criteria in the wells that were in place prior to remedy implementation. Overall, the concentrations have trended downward since post-remediation monitoring was initiated in March 2020 (see constituent concentration trend plots presented as Figures 2 through 6) and are anticipated to further decrease with time and will be evaluated during subsequent monitoring events.

As mentioned above, benzo(a)anthracene and chrysene have very low aqueous solubilities, are not readily mobile in groundwater, and are unlikely to have migrated from the on-Site source area. The detection of these constituents in the monitoring locations is likely related to the disturbance of fine or colloid sized particles during purging or sampling activities. These particles are derived from within the well or the soil adjacent to the well that become suspended into the water column of the well as a result of disturbance during purging and sampling activities.

As described above in Section 3.1, groundwater flows from the northwest to the south and southeast across the Site toward the Patchogue River. The concentrations of some of the constituents that were detected and potentially mobile in the dissolved phase (BTEX) were below applicable surface water quality criteria listed in the New York State Ambient Water Quality Standards and Guidance Values (NYSDEC, June 1998 with Addenda dated April 2000 and June 2004) that are applicable to the Patchogue River (the portion of the Patchogue River proximal to the Site is classified as a Class C water body per 6 NYCRR Part 897). Therefore, they do not have the potential to impact surface water quality in the Patchogue River. However, the concentration of one or more of the following six constituents were detected above their respective applicable surface water quality criteria in downgradient monitoring wells proximal to the river (MW-3 and/or MW-4S): acenaphthene, benzo(a)anthracene, fluorene, naphthalene, phenanthrene, and pyrene. Although it was not anticipated that these constituent concentrations would impact surface water quality if they discharged to the river, and that some of these compounds have very low aqueous solubilities and thus low potential for migration (i.e., benzo(a)anthracene and benzo(a)pyrene – see discussion at end of this section), a mass flux analysis was previously conducted (provided in Appendix D) to assess the potential for discharge of Site-related constituents in shallow groundwater to impact water quality in the Patchogue River. The evaluation was conducted by estimating the rate at which a mass of Site-related constituents dissolved in groundwater may be contributing to the surface water in the Patchogue River (i.e., the mass flux of constituents from groundwater to surface water). Based on the analysis, it was determined that the estimated concentrations of acenaphthene, benzo(a)anthracene, benzo(a)pyrene, fluorene, naphthalene, phenanthrene, and pyrene in the river water resulting from the discharge of groundwater from the Site were below applicable surface water quality criteria. The details of these constituent mass flux analyses are presented in Appendix E; the results are summarized below.

The concentrations of acenaphthene, benzo(a)anthracene, fluorene, naphthalene, phenanthrene, and pyrene in the July 2025 samples were similar (within the same order of magnitude) or less than those in the 2020 samples (see groundwater quality trend plots for select constituents presented as Figures 2 through 6). Since the estimated concentrations of these six constituents in surface water, as derived from the previous mass flux analyses, were below applicable surface water criteria, based on the mass flux analyses using the 2020 data (see Appendix D), an additional estimation of concentrations of these

constituents in the river is not necessary. Based on the evaluation conducted, Site-related constituents in shallow groundwater do not impact surface water quality in the Patchogue River.

As discussed in previous monitoring reports, following implementation of the remedy, pH levels in one well downgradient of and proximal to the ISS mass were found to have pH levels above the Class GA criteria range of 6.5 to 8.5. Specifically, after remedy implementation, monitoring data showed that the pH level in MW-3 began to increase above levels from prior to remedy implementation (typically ±6.9), up to levels as high as 11.31. Also, samples from well MW-13S, installed at the end of remedy implementation, showed an increase in pH levels, up to levels as high as 9.88; however, the pH has trended downward recently and was in range during the July 2025 sampling event (see Figure 7).

The increased pH levels are considered a potential effect from implementation of ISS in the area and are anticipated to decrease to pre-remedy levels with time (i.e., as ISS mass continues to fully cure). Due to the low permeability of the ISS mass, the flux of groundwater in the area immediately downgradient of the ISS mass (proximal to well locations MW-3 and MW-13S) is greatly reduced. This is consistent with the findings from the groundwater flow model developed during the remedial design). Thus, the rate at which the groundwater with an elevated hydroxide ion concentration (i.e., elevated pH) is flushed from this area is expected to be very low. The presence of new asphalt pavement over this area likely further contributes to the reduction in flushing due to decreased infiltration of precipitation. This, coupled with the uncertainty regarding the timeframe over which the Portland-cement-based ISS material can generate elevated pH levels in close proximity to the ISS mass, makes predicting the timeframe for pH levels to return to pre-remediation levels difficult.

The pH levels at MW-3 and MW-13S have been generally declining since they reached their maximum values in April 2021 (MW-13S) and December 2023 (MW-3). Although the increased pH levels in groundwater are not anticipated to impact surface water quality in the Patchogue River, similar to the evaluations conducted for certain PAHs dissolved in groundwater to potentially affect surface water quality, an analysis was previously conducted to evaluate the potential for the increased pH levels to effect surface water quality in the river. The details of this pH mass flux analysis are presented in Appendix E. Since the pH levels measured in MW-3 and MW-13S are lower than the levels measured in December 2020 and the estimated pH level in surface water (based on the December 2020 field measurements) was below applicable surface water criteria, an additional estimation of the pH level in the river is not necessary. Based on the evaluation conducted, the increased pH levels in shallow groundwater do not impact surface water quality in the Patchogue River.

4. Summary and Conclusions

The following is a summary of the findings and conclusions associated with the July 2025 groundwater monitoring event.

- NAPL was not identified in any of the Site monitoring wells during the July 2025 gauging activities.
- Consistent with other monitoring events conducted after remedy implementation, concentrations of acenaphthene and naphthalene were detected at concentrations above the Class GA groundwater quality criteria in wells MW-11S and MW-3, respectively. The presence of these Site-related constituents is an expected result of the disturbance of the subsurface during implementation of the ISS. Overall, the concentrations of these compounds have decreased somewhat since post-remediation monitoring was initiated in March 2020 and are anticipated to further decrease with time and will be evaluated during subsequent monitoring events. Additionally, benzene which has historically been detected above the AGWQS in MW-11S, decreased and did not exceed the criteria in the current sampling event.
- The concentrations of Site-related constituents detected in groundwater at the Site are not impacting surface water quality in the Patchogue River based on an evaluation of the mass flux of constituents in groundwater to the river.
- Increased pH levels in groundwater immediately downgradient of the ISS mass are considered a potential effect from implementation of ISS in the area. The pH levels have decreased since the initiation of post-remediation monitoring and are anticipated to further decrease to pre-remedy levels with time. The increased pH levels measured in groundwater at the Site are not impacting surface water quality in the Patchogue River based on a mass flux analysis.

5. References

Brown and Caldwell Associates, February 2022, Site Management Plan, Patchogue Former MGP Site, Village of Patchogue, Suffolk County, New York, Site ID No. 1-52-182.

Brown and Caldwell Associates, February 2022, Final Engineering Report, Patchogue Former MGP Site, Village of Patchogue, Suffolk County, New York, Site ID No. 1-52-182.

Brown and Caldwell Associates, May 2019, Remedial Design Report (100% Submission), Patchogue Former MGP Site, Village of Patchogue, Suffolk County, New York, Site ID No. 1-52-182.

Brown and Caldwell Associates, December 2012, Construction Completion Report Utility Corridor Work Plan Implementation, Patchogue Former MGP Site, Village of Patchogue, Suffolk County, New York, Site ID No. 1-52-182.

NYSDEC, CP-43: Groundwater Monitoring Well Decommissioning Policy, November 2009).

Tetra Tech EC, Inc, December 2009. Final Remedial Investigation Report for the Patchogue Former MGP Site, Patchogue, Suffolk County, New York.

USEPA, July 1996; Revised September 2017. Low-Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells.

Tables

Table 1 Water Elevations and NAPL Monitoring Data

Table 2 Groundwater Analytical Results

Table 3 Summary of Historical BTEX Concentrations

Table 4 Summary of Historical PAH Concentrations

TABLE 1
GROUNDWATER ELEVATIONS AND NAPL MONITORING DATA
FIRST HALF 2025 SEMI-ANNUAL GROUNDWATER MONITORING EVENT
PATCHOGUE FORMER MGP SITE

Location ID	Top of Casing Elevation (ft., NAVD)	07/29/2025			
		Depth to Water (ft., BTOC)	Water Elevation (ft., NAVD)	Depth to NAPL (ft., BTOC)	Total Depth of Well (ft., BTOC)
MW-1	11.47	5.89	5.58	NI	15.26
MW-3	5.56	1.78	3.78	NI	10.02
MW-4S	7.97	4.80	3.17	NI	12.24
MW-4D	7.79	NM	NC	NI	NM
MW-7S	8.45	4.43	4.02	NI	12.42
MW-7D	8.31	4.24	4.07	NI	28.10
MW-8S	5.01	0.74	4.27	NI	9.87
MW-8D	4.99	0.71	4.28	NI	25.07
MW-10S	5.77	1.06	4.71	NI	15.52
MW-10D	5.73	1.05	4.68	NI	25.37
MW-11S	5.02	0.92	4.10	NI	13.76
MW-11D	5.14	0.91	4.23	NI	23.45
MW-12S	4.99	1.58	3.41	NI	13.91
MW-12D	4.92	1.44	3.48	NI	23.87
MW-13S	4.98	1.45	3.53	NI	13.32
MW-13D	4.96	1.44	3.52	NI	23.92
MW-14S	4.86	1.00	3.86	NI	12.64
MW-14D	4.82	0.97	3.85	NI	21.94
SG-1	5.38	NM	NC	NA	NA
SG-2	5.25	NM	NC	NA	NA

Notes:
NAVD - North American Vertical Datum 1988 ft. - Feet
BTOC - Below Top of Casing
NI - NAPL not Indicated by Oil/Water Interface Probe
NM: Not measured
NC: Not calculated
MW - monitoring well
SG - staff gauge
NA - Not Applicable

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
FIRST HALF 2025 SEMI-ANNUAL GROUNDWATER MONITORING EVENT
PATCHOGUE FORMER MGP SITE

Sample ID	NYS AWQS	MW-1		MW-3		MW-4S		MW-7S		MW-8S		MW-10S	
Sampling Date		7/28/2025		7/29/2025		7/29/2025		7/28/2025		7/29/2025		7/28/2025	
Unit		ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
BTEX													
Benzene	1	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U
Ethylbenzene	5	1.0	U	**0.77**	J	1.0	U	1.0	U	1.0	U	1.0	U
Toluene	5	1.0	U	**0.54**	J	1.0	U	1.0	U	1.0	U	1.0	U
Xylenes, Total	5	2.0	U	**1.0**	J	2.0	U	2.0	U	2.0	U	2.0	U
Total Conc	NA			**2.31**									
PAHs													
Acenaphthene	20	0.050	U	**15**		**4.4**		**0.10**		**0.089**		0.050	U
Acenaphthylene	NA	0.050	U	**1.3**		0.098		0.050	U	0.050	U	0.050	U
Anthracene	50	0.050	U	**0.87**		**0.041**	J	0.050	U	0.050	U	0.050	U
Benzo[a]anthracene	0.002	0.050	U	**0.10**		0.050	U	0.050	U	0.050	U	0.050	U
Benzo[a]pyrene	ND	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Benzo[b]fluoranthene	0.002	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Benzo[g,h,i]perylene	NE	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Benzo[k]fluoranthene	0.002	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Chrysene	0.002	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U *
Dibenz(a,h)anthracene	NE	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Fluoranthene	50	0.050	U	**5.1**		**0.71**		0.050	U	0.050	U	0.050	U
Fluorene	50	0.050	U	**4.6**		**0.74**		0.022	J	**0.014**	J	0.050	U
Indeno[1,2,3-cd]pyrene	0.002	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
2-Methylnaphthalene	NE	10	U	**9.4**	J	10	U	10	U	10	U	10	U *
Naphthalene	10	0.20	U	**28**		0.20	U	0.20	U	0.20	U	0.20	U
Phenanthrene	50	0.050	U	**7.3**		0.050	U	0.050	U	0.050	U	0.050	U
Pyrene	50	0.050	U	**4.8**		**0.77**		0.050	U	0.050	U	0.050	U
Total Conc	NA			**76.47**		**6.759**		**0.122**		**0.103**			

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
FIRST HALF 2025 SEMI-ANNUAL GROUNDWATER MONITORING EVENT
PATCHOGUE FORMER MGP SITE

Sample ID	**MW-11S**		**MW-12S**		**MW-12D**		**MW-13S**		**MW-13D**		**MW-14S**	
Sampling Date	7/29/2025		7/28/2025		7/28/2025		7/29/2025		7/29/2025		7/28/2025	
Unit	ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
BTEX												
Benzene	**0.60**		0.45	U	0.45	U	**0.71**		0.45	U	0.45	U
Ethylbenzene	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Toluene	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Xylenes, Total	**1.0**	J	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Total Conc	**1.6**						**0.71**					
PAHs												
Acenaphthene	**26**		**0.096**	J	0.050	U	**9.5**		0.050	U	**0.16**	
Acenaphthylene	**0.51**		0.050	UJ	0.050	U	**0.34**		0.050	U	0.050	U
Anthracene	**1.6**		0.050	U	0.050	U	**0.16**		0.050	U	0.050	U
Benzo[a]anthracene	**0.090**		0.050	U	0.050	U	**0.13**		0.050	U	0.050	U
Benzo[a]pyrene	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
Benzo[b]fluoranthene	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Benzo[g,h,i]perylene	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Benzo[k]fluoranthene	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Chrysene	**0.062**		0.050	U	0.050	U	**0.077**		0.050	U	0.050	U
Dibenz(a,h)anthracene	**0.020**	J	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Fluoranthene	**2.2**		0.050	U	0.050	U	**0.77**		0.050	U	0.050	U
Fluorene	**6.1**		0.050	UJ	0.050	U	**2.7**		0.050	U	**0.034**	J
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
2-Methylnaphthalene	10	U	10	U	10	U	**1.7**	J	10	U	10	U
Naphthalene	0.20	U	0.20	U	0.20	U	**10**		0.20	U	**0.16**	J
Phenanthrene	**0.49**		0.050	U	**0.022**	J	**0.53**		0.050	U	0.050	U
Pyrene	**2.3**		0.050	U	0.050	U	**0.85**		0.050	U	0.050	U
Total Conc	**39.372**		**0.096**		**0.022**		**26.757**				**0.354**	

TABLE 3
SUMMARY OF HISTORICAL BTEX CONCENTRATIONS
FIRST HALF 2025 SEMI-ANNUAL GROUNDWATER MONITORING EVENT
PATCHOGUE FORMER MGP SITE

Sampling Date	Total BTEX Concentrations (µg/L) [a]																							
	Monitoring Well																							
	MW-1	MW-2S	MW-2D	MW-3	MW-4S	MW-4D	MW-5	MW-6	MW-7S	MW-7D	MW-8S	MW-8D	MW-9S	MW-9D	MW-10S	MW-10D	MW-11S	MW-11D	MW-12S	MW-12D	MW-13S	MW-13D	MW-14S	MW-14D	PZ-4A
Mar-08	0	0	0	0	3.4	0	1016	57	NS	NS	NS	NS	NS	NS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jul-08	NS	0	0	0	0	0	678	0	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Mar-09	0	0	0	0	0	0	975	0	0	1	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Sep-09	0	0	0	0	0	0	1257	1	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Mar-10	0	0	0	0	0	0	637	2	0	9	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Sep-10	0	0	0	0	0	0	NS	0	0	0	0	0	27	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jan-11	1.7	0	0	0	0	0	NS	NS	0	0	0	0	1	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Apr-11	0	0	0	0	0	0	NS	NS	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Aug-11	0	0	0	0	0	0	NS	NS	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Nov-11	0	0	0	0	0	0	NS	NS	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-12	0	0	0	0	0	0	NS	NS	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
May-12	0	0	0	0	0	0	NS	NS	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Nov-12	0	.. [b]	.. [a]	0	12	0	NS	NS	1	0	0	0	NS	NS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jun-13	0	.. [b]	.. [b]	0	0.8	0	NS	NS	0.7	0	0	0	0	NS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Dec-13	0	.. [b]	.. [b]	NS	0	0	NS	NS	0.8	0	0	0	NS	NS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jun-14	0	.. [b]	.. [b]	0	0	0	NS	NS	0.8	0	0	0	NS	NS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	0
Dec-14	0	.. [b]	.. [b]	0	0	0	NS	NS	1.3	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Jun-15	0	.. [b]	.. [b]	0	0	0	NS	NS	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Dec-15	0	.. [b]	.. [b]	0	0	0	NS	NS	0.5	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Jun-16	0	.. [b]	.. [b]	0	0	0	NS	NS	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Dec-16	0	.. [b]	.. [b]	0	0	0	NS	NS	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Jun-17	0	.. [b]	.. [b]	0	0	0	NS	NS	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Dec-17	0	.. [b]	.. [b]	0	0	0	NS	NS	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Jun-18	0	.. [b]	.. [b]	0	0	0	NS	0	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Dec-18	0	.. [b]	.. [b]	0	0	0	NS	NS	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Mar-20	0	.. [b]	.. [b]	35	4.3	0	.. [c]	.. [c]	0.4	0	0	0	.. [c]	.. [c]	0	0	4	0	0	0	37	0	0	0	.. [c]
Jun-20	0	.. [b]	.. [b]	18	2	0	.. [c]	.. [c]	0	0	0	0	.. [c]	.. [c]	0	0	2.7	0	0	0	25	0	0.73	0	.. [c]
Sep-20	0	.. [b]	.. [b]	20	2	0	.. [c]	.. [c]	0.4	0	0	0	.. [c]	.. [c]	0	0	1.9	0	0	0	26	0	0	0	.. [c]
Dec-20	0	.. [b]	.. [b]	19	1	0	.. [c]	.. [c]	0	0	0	0	.. [c]	.. [c]	0	0	0	0	0	0	6.9	0	0	0	.. [c]
Mar-21	0	.. [b]	.. [b]	10.2	0.6	0	.. [c]	.. [c]	0.3	0	0	0	.. [c]	.. [c]	0	0	1.3	0	0	0	4	0	0	0	.. [c]
Jun-21	0	.. [b]	.. [b]	8.4	0.7	0	.. [c]	.. [c]	0.34	0	0	0	.. [c]	.. [c]	0.22	0	1.6	0	0	0	5.3	0	0	0	.. [c]
Sep-21	0	.. [b]	.. [b]	8.7	1.0	0	.. [c]	.. [c]	0	0	0	0	.. [c]	.. [c]	0	0	0	0	0	0	3.9	0	0	0	.. [c]
Dec-21	0	.. [b]	.. [b]	12	0.3	0	.. [c]	.. [c]	0.31	0	0	0	.. [c]	.. [c]	0	0	1.9	0	0	0	0	0	0	0	.. [c]
Jun-22	0	.. [b]	.. [b]	3.9	0	NS [d]	.. [c]	.. [c]	0.31	NS [d]	0	NS [d]	.. [c]	.. [c]	0	NS [d]	1.8	NS [d]	0	0	3.7	0	0	NS [d]	.. [c]
Dec-22	0	.. [b]	.. [b]	4.7	0	NS [d]	.. [c]	.. [c]	0	NS [d]	0	NS [d]	.. [c]	.. [c]	0	NS [d]	2.1	NS [d]	0	0	0.96	0	0	NS [d]	.. [c]
Jun-23	0	.. [b]	.. [b]	3.3	0	NS [d]	.. [c]	.. [c]	0	NS [d]	0	NS [d]	.. [c]	.. [c]	0	NS [d]	1.4	NS [d]	0	0	2.7	0	0	NS [d]	.. [c]
Dec-23	0	.. [b]	.. [b]	5.2	0	NS [d]	.. [c]	.. [c]	0	NS [d]	0	NS [d]	.. [c]	.. [c]	0	NS [d]	0.72	NS [d]	0	0	0.49	0	0	NS [d]	.. [c]
Jun-24	0	.. [b]	.. [b]	8.6	0	NS [d]	.. [c]	.. [c]	0	NS [d]	0	NS [d]	.. [c]	.. [c]	0	NS [d]	0	NS [d]	0	0	0	0	0	NS [d]	.. [c]
Dec-24	0	.. [b]	.. [b]	3.3	0	NS [d]	.. [c]	.. [c]	0	NS [d]	0	NS [d]	.. [c]	.. [c]	0	NS [d]	3.5	NS [d]	0	0	0	0	0	NS [d]	.. [c]
Jul-25	0	.. [b]	.. [b]	2.3	0	NS [d]	.. [c]	.. [c]	0	NS [d]	0	NS [d]	.. [c]	.. [c]	0	NS [d]	1.6	NS [d]	0	0	0.71	0	0	NS [d]	.. [c]
Minimum	0	0	0	0	0	0	637	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum	1.7	0	0	35	12	0	1257	57	1.3	9.0	0	0	27	0	0.22	0.00	4.00	0.00	0.00	0.00	37.00	0.00	0.73	0.00	0.00
Mean	0.0	0	0	4.2	0.7	0	913	8.6	0.19	0.3	0	0	1.3	0	0.01	0.00	1.63	0.00	0.00	0.00	7.78	0.00	0.05	0.00	0.00

Notes:

BTEX - Benzene, toluene, ethylbenzene and isomers of xylene

µg/L - micrograms per liter NS - Not sampled.

NI - Monitoring well or piezometer not installed at time of sampling.

(a) - To calculate total BTEX concentration, a value of zero is used for non-detect values.

(b) - Monitoring well was decommissioned on 6/4/12 as part of the Utility Corridor Construction activities. See "Construction Completion Report, Utility Corridor Work Plan Implementation" (BC, December 2012).

(c) - Monitoring well/piezometer was decommissioned on 6/13/19 as part of pre-remedial construction activities in accordance with the "Remedial Design Report (100% Submittal)" (BC, May 2019) and "CP-43: Groundwater Monitoring Well Decommissioning Policy" (NYSDEC, November 2009).

(d) - As approved by NYSDEC in an e-mail dated April 13, 2022, sampling of monitoring well is no longer required.

TABLE 4
SUMMARY OF HISTORICAL PAH CONCENTRATIONS
FIRST HALF 2025 SEMI-ANNUAL GROUNDWATER MONITORING EVENT
PATCHOGUE FORMER MGP SITE

Sampling Date	Total PAH Concentrations (µg/L) [a]																								
	Monitoring Well																								
	MW-1	MW-2S	MW-2D	MW-3	MW-4S	MW-4D	MW-5	MW-6	MW-7S	MW-7D	MW-8S	MW-8D	MW-9S	MW-9D	MW-10S	MW-10D	MW-11S	MW-11D	MW-12S	MW-12D	MW-13S	MW-13D	MW-14S	MW-14D	PZ-4A
Mar-08	0	0	0	0.76	0.6	4.3	1774	214	NS	NS	NS	NS	NS	NS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jul-08	NS	0.7	0	0	8	0	1799	154	0	0.47	0	0	12	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Mar-09	0	0	0	0	0	0	2730	0	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Sep-09	0	0	0	0	0	0	3373	1	0	0	0	0	0	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Mar-10	0	0	0	0	0	39	2390	17	0	0	22	0	2	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Sep-10	0	0	0	128	0	6	NS	14	0	0	11	0	396	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jan-11	22	0	0	17	0	12	NS	NS	0	0	6	0	42	5	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Apr-11	0	0	0	6	0	20	NS	NS	0	0	0	0	9	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Aug-11	0	0	0.1	14	0.1	0	NS	NS	0	0	0.4	0	16	1.2	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Nov-11	0	0	0.2	10	0.4	0	NS	NS	0	0	0.8	0.2	8	3.4	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Feb-12	0.2	0	0	6	0.6	4	NS	NS	0.1	0	0.6	0	5	2.9	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
May-12	0.4	0.1	0.6	5	0	5.8	NS	NS	0.1	0.3	1	0	6	2.8	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Nov-12	0.1	.. (b)	.. (b)	5.6	0.4	11.7	NS	NS	2.5	2.6	0.8	1.2	NS	NS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jun-13	0.8	.. (b)	.. (b)	NS	0.3	3.7	NS	NS	1.3	0.4	0.4	0.6	2	NS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Dec-13	0	.. (b)	.. (b)	NS	0	2.5	NS	NS	0.8	0.4	0.3	0	NS	NS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
Jun-14	0	.. (b)	.. (b)	2.2	0.9	0	NS	NS	0.8	0.3	0.2	0	NS	NS	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	0.3
Dec-14	0.1	.. (b)	.. (b)	1.2	0.4	0	NS	NS	3	0	0.1	0	21	0.3	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Jun-15	0	.. (b)	.. (b)	1.1	0.9	0	NS	NS	0.9	0	0.3	0	10	0.3	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Dec-15	0	.. (b)	.. (b)	0	0	0	NS	NS	0.9	0	0	0	3.9	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Jun-16	0	.. (b)	.. (b)	1.9	0.8	0	NS	NS	2.5	0	0	0	5.9	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Dec-16	0	.. (b)	.. (b)	0.02	0	0.1	NS	NS	0	0	0	0	5.5	0.07	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Jun-17	0	.. (b)	.. (b)	2.0	0.5	0	NS	NS	1	0	0	0	3.2	0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Dec-17	0	.. (b)	.. (b)	0.53	0	0.031	NS	NS	0	0.11	0	0.017	6.0	0.14	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Jun-18	0	.. (b)	.. (b)	3.1	1.1	0.010	NS	53	0.02	0.01	0.08	0.09	7.4	0.55	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Dec-18	0.31	.. (b)	.. (b)	1.5	1.2	0.080	NS	NS	0.08	0.05	0.10	0.13	7.9	1.0	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NS
Mar-20	0	.. (b)	.. (b)	20	17	0.21	.. (c)	.. (c)	0.32	0	0.09	0	.. (c)	.. (c)	0.3	0.3	96	1.5	14	0	188	0.1	0.5	0.04	.. (c)
Jun-20	0	.. (b)	.. (b)	179	37	0	.. (c)	.. (c)	0.14	0	0.11	0	.. (c)	.. (c)	0	0	63	0	0	0	394	0.11	1.8	0	.. (c)
Sep-20	0	.. (b)	.. (b)	336	41	0	.. (c)	.. (c)	0	0	0.21	0	.. (c)	.. (c)	0	0	127	0	0	0	467	0	0.12	0	.. (c)
Dec-20	0	.. (b)	.. (b)	333	33	0	.. (c)	.. (c)	0	0	0.14	0	.. (c)	.. (c)	0	0	6.8	0	0.17	0	182	0	1.7	0	.. (c)
Mar-21	0	.. (b)	.. (b)	172	24	0	.. (c)	.. (c)	0.26	0	0.11	0.043	.. (c)	.. (c)	0	0	78	0	0.012	0	187	0.037	1.0	0	.. (c)
Jun-21	0	.. (b)	.. (b)	177	68	0	.. (c)	.. (c)	0.18	0	0.20	0	.. (c)	.. (c)	0.016	0.036	79	0.15	0	0	284	0.042	0.055	0.047	.. (c)
Sep-21	0.1	.. (b)	.. (b)	223	16	0	.. (c)	.. (c)	0.07	0	0.18	0.111	.. (c)	.. (c)	0.122	0.052	2	0	0	0	140	0.046	0.277	0	.. (c)
Dec-21	0.011	.. (b)	.. (b)	234	40	0.011	.. (c)	.. (c)	0.140	0.039	0.512	0.219	.. (c)	.. (c)	0.127	0	63	0.033	0.010	0.011	37	0.046	0.244	0.297	.. (c)
Jun-22	0.011	.. (b)	.. (b)	177	49	NS(d)	.. (c)	.. (c)	1.3	NS(d)	0.61	NS(d)	.. (c)	.. (c)	0.010	NS(d)	87	NS(d)	0.185	0.281	68	0.024	1.29	NS(d)	.. (c)
Dec-22	0	.. (b)	.. (b)	148	39	NS(d)	.. (c)	.. (c)	0.15	NS(d)	0.36	NS(d)	.. (c)	.. (c)	0	NS(d)	108	NS(d)	0.014	0	10	0.304	0.15	NS(d)	.. (c)
Jun-23	0.104	.. (b)	.. (b)	143	4	NS(d)	.. (c)	.. (c)	0.23	NS(d)	0.23	NS(d)	.. (c)	.. (c)	0	NS(d)	34	NS(d)	0.42	0.072	1.9	0.071	0.77	NS(d)	.. (c)
Dec-23	0.086	.. (b)	.. (b)	130	29	NS(d)	.. (c)	.. (c)	0.05	NS(d)	0.23	NS(d)	.. (c)	.. (c)	0	NS(d)	68	NS(d)	0.02	0	13.1	0	0.65	NS(d)	.. (c)
Jun-24	0.083	.. (b)	.. (b)	122	13	NS(d)	.. (c)	.. (c)	0.10	NS(d)	0.27	NS(d)	.. (c)	.. (c)	0	NS(d)	5.5	NS(d)	0.048	0	10	0.011	1.9	NS(d)	.. (c)
Dec-24	0	.. (b)	.. (b)	123	15	NS(d)	.. (c)	.. (c)	0.25	NS(d)	0	NS(d)	.. (c)	.. (c)	0	NS(d)	34	NS(d)	0	0.01	10	0	0.26	NS(d)	.. (c)
Jul-25	0	.. (b)	.. (b)	76	7	NS(d)	.. (c)	.. (c)	0.12	NS(d)	0.103	NS(d)	.. (c)	.. (c)	0	NS(d)	39	NS(d)	0.096	0.022	27	0	0.35	NS(d)	.. (c)
Min	0	0	0	0	0	0	1774	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0
Max	22	0.7	0.6	336	68	39	3373	214	3.0	2.6	22	1.2	396	5	0.3	0.3	108.0	1.5	14.0	0.3	284.0	0.3	1.9	0.3	0.3
Mean	0.7	0.067	0.1	72	11	3.3	2413	65	0.45	0.15	1.2	0.082	27	0.88	0.048	0.078	57.823	0.337	1.234	0.033	81.313	0.057	0.621	0.077	0.300

Notes:

PAH - Polycyclic aromatic hydrocarbons

µg/L - micrograms per liter NS - Not sampled.

NI - Monitoring Well or piezometer not installed at time of sampling.

(a) - To calculate total PAH concentration, a value of zero is used for non-detect values.

(b) - Monitoring well was decommissioned on 6/4/12 as part of the Utility Corridor Construction activities. See "Construction Completion Report, Utility Corridor Work Plan Implementation" (Brown and Caldwell, December 2012).

(c) - Monitoring well/piezometer was decommissioned on 6/13/19 as part of pre-remedial construction activities in accordance with the "Remedial Design Report (100% Submittal)" (BC, May 2019) and "CP-43: Groundwater Monitoring Well Decommissioning Policy" (NYSDEC, November 2009).

(d) - As approved by NYSDEC in an e-mail dated April 13, 2022, sampling of monitoring well is no longer required.

Figures

Figure 1 Water Table Elevation Contour Map – July 29, 2025

Figure 2 Groundwater Quality Trend Plot – Acenaphthene

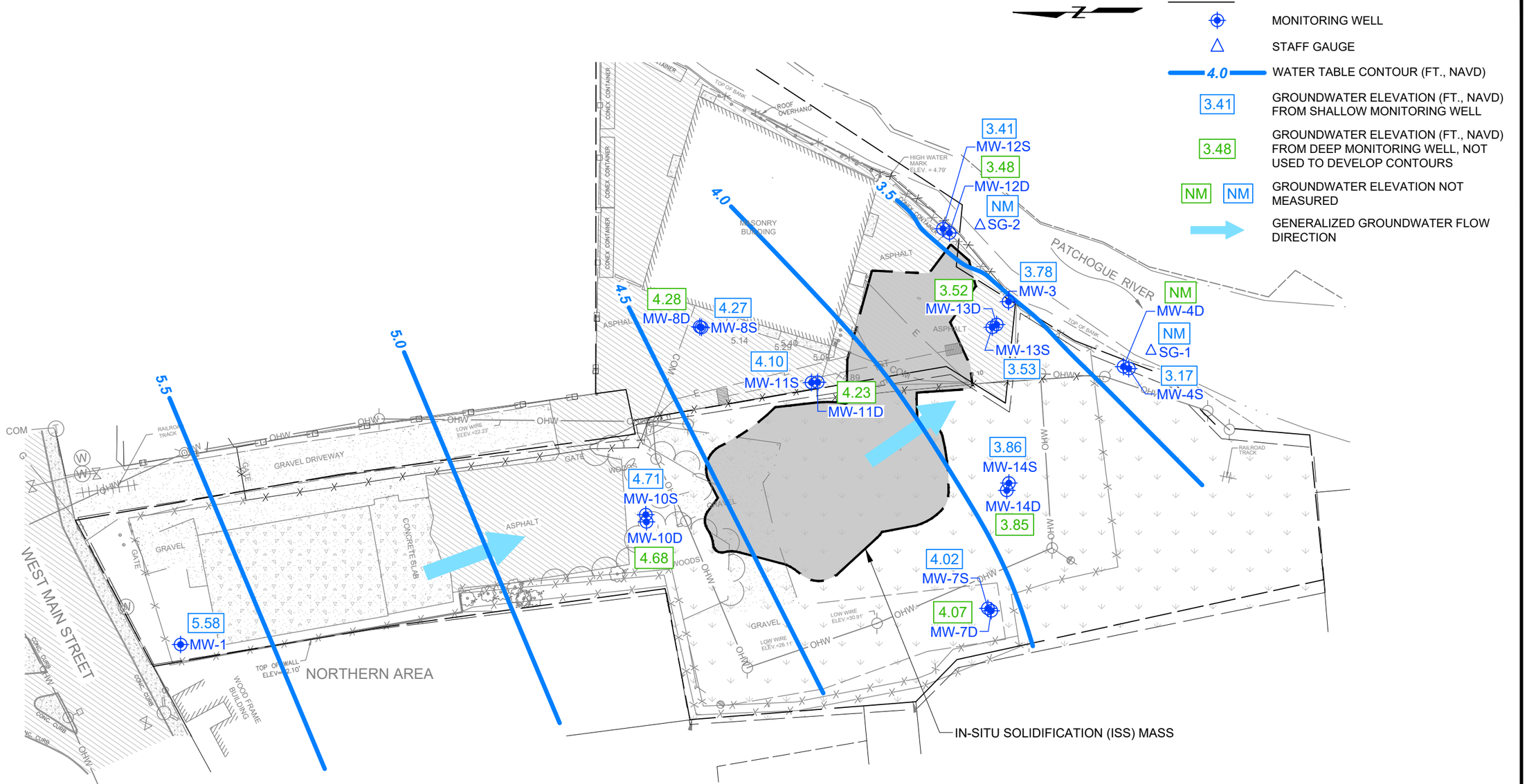
Figure 3 Groundwater Quality Trend Plot – Benzene

Figure 4 Groundwater Quality Trend – Naphthalene

Figure 5 Groundwater Quality Trend – Fluorene

Figure 6 Groundwater Quality Trend – Pyrene

Figure 7 Groundwater Quality Trend Plot - pH



SOURCE:

PLAN BASED ON *FIGURE 1: WATER TABLE ELEVATION CONTOUR MAP - DECEMBER 19, 2022,* PREPARED BY BROWN AND CALDWELL, DATE: MARCH 23, 2023.

0 60 120

SCALE, FEET

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Village of Patchogue, New York

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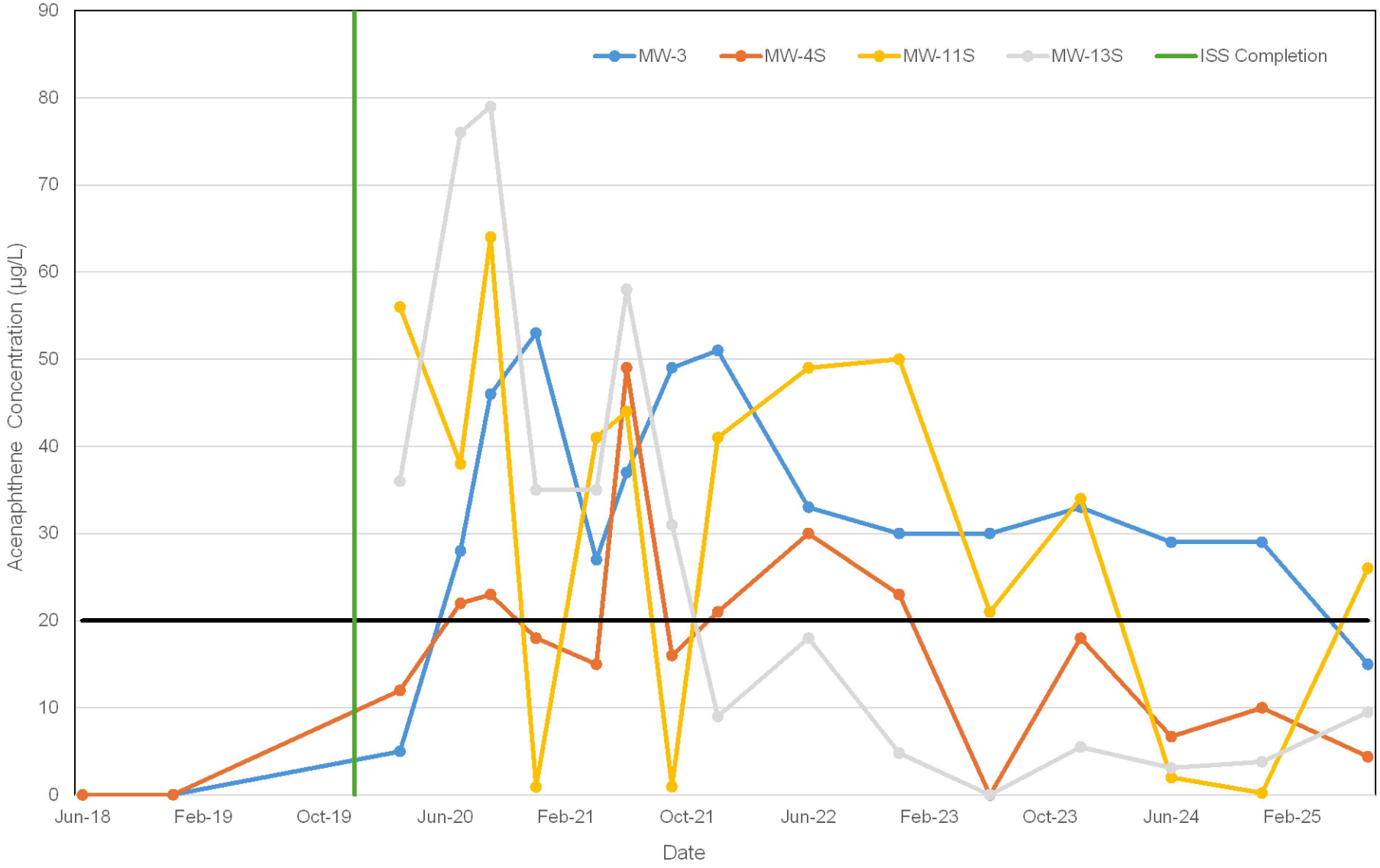
WATER TABLE ELEVATION CONTOUR MAP - JULY 29, 2025

Project 2503970 | September 2025 | Fig. 1



NOTES:

1. ISS = In-Situ Solidification
2. TOGS 1.1.1 Guidance Value = 20 µg/L

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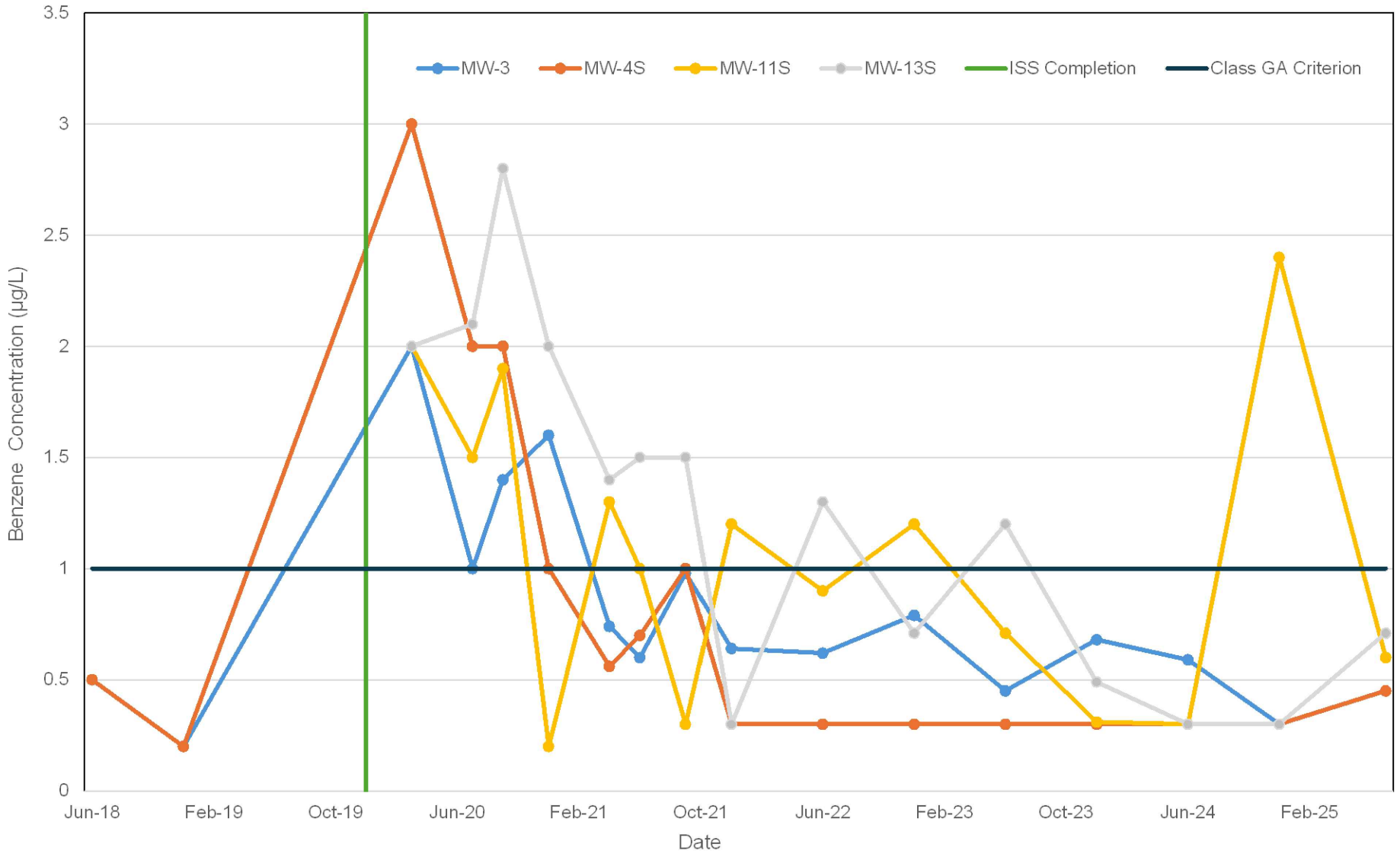
GROUNDWATER QUALITY TREND PLOT - ACENAPHTHENE

Project 2503970 | September 2025 | Fig. 2



NOTES:

1. ISS = In-Situ Solidification
2. NYS Part 703 Class GA Standard = 1 µg/L

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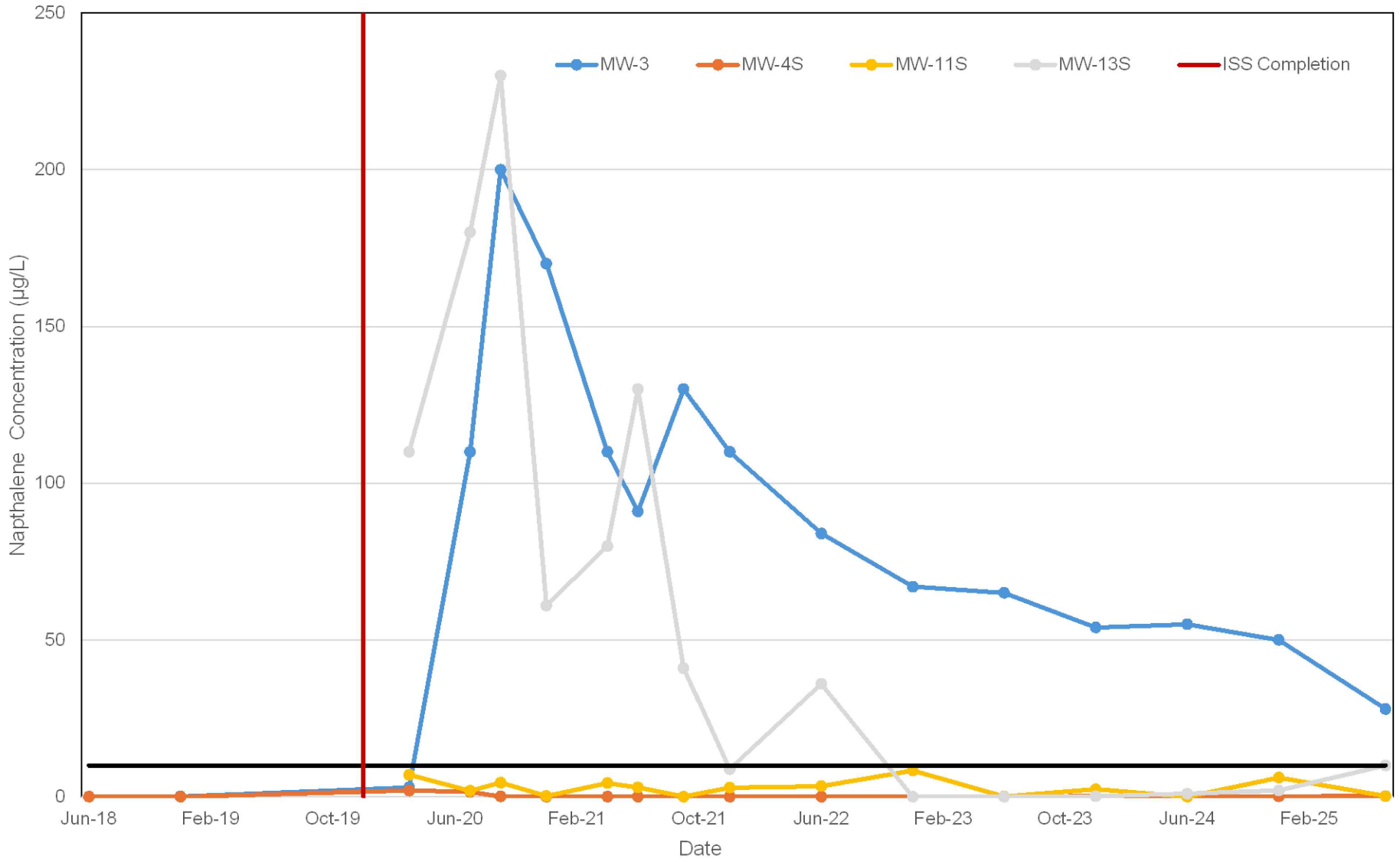
GROUNDWATER QUALITY TREND PLOT - BENZENE

Project 2503970 | September 2025 | Fig. 3

HERIOT, PAULA B:\Working\NATIONAL GRID\2503970 NG Downstate OM&M\00_CAD\Figures\Patchogue\Q3_2025\2-7_2503970_PQ32025_GRPHS.dwg - 9/3/2025



NOTES:

1. ISS = In-Situ Solidification
2. TOGS 1.1.1 Guidance Value = 10 µg/L

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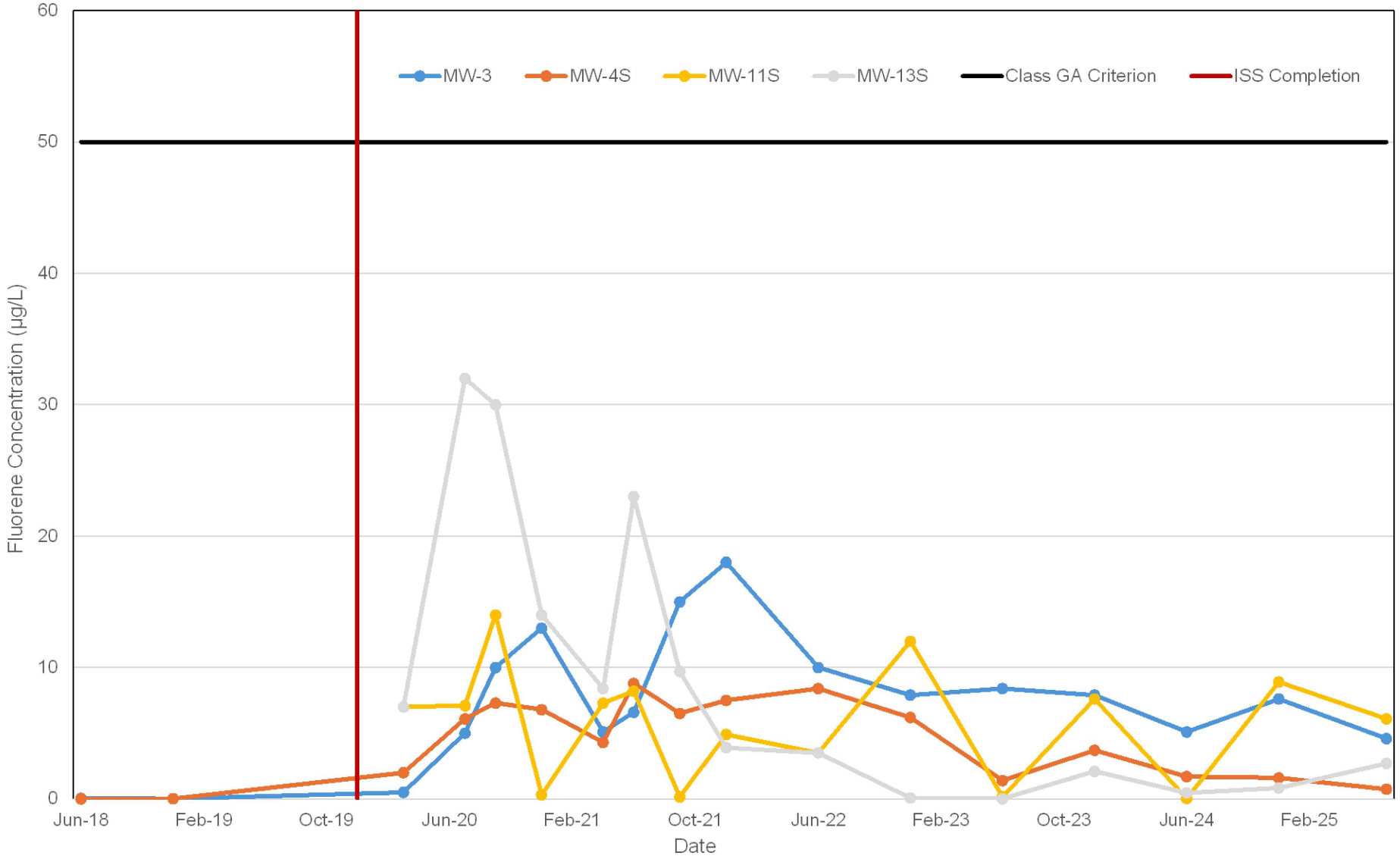
GROUNDWATER QUALITY TREND PLOT - NAPHTHALENE

Project 2503970 | September 2025 | Fig. 4



NOTES:

1. ISS = In-Situ Solidification
2. TOGS 1.1.1 Guidance Value = 50 µg/L

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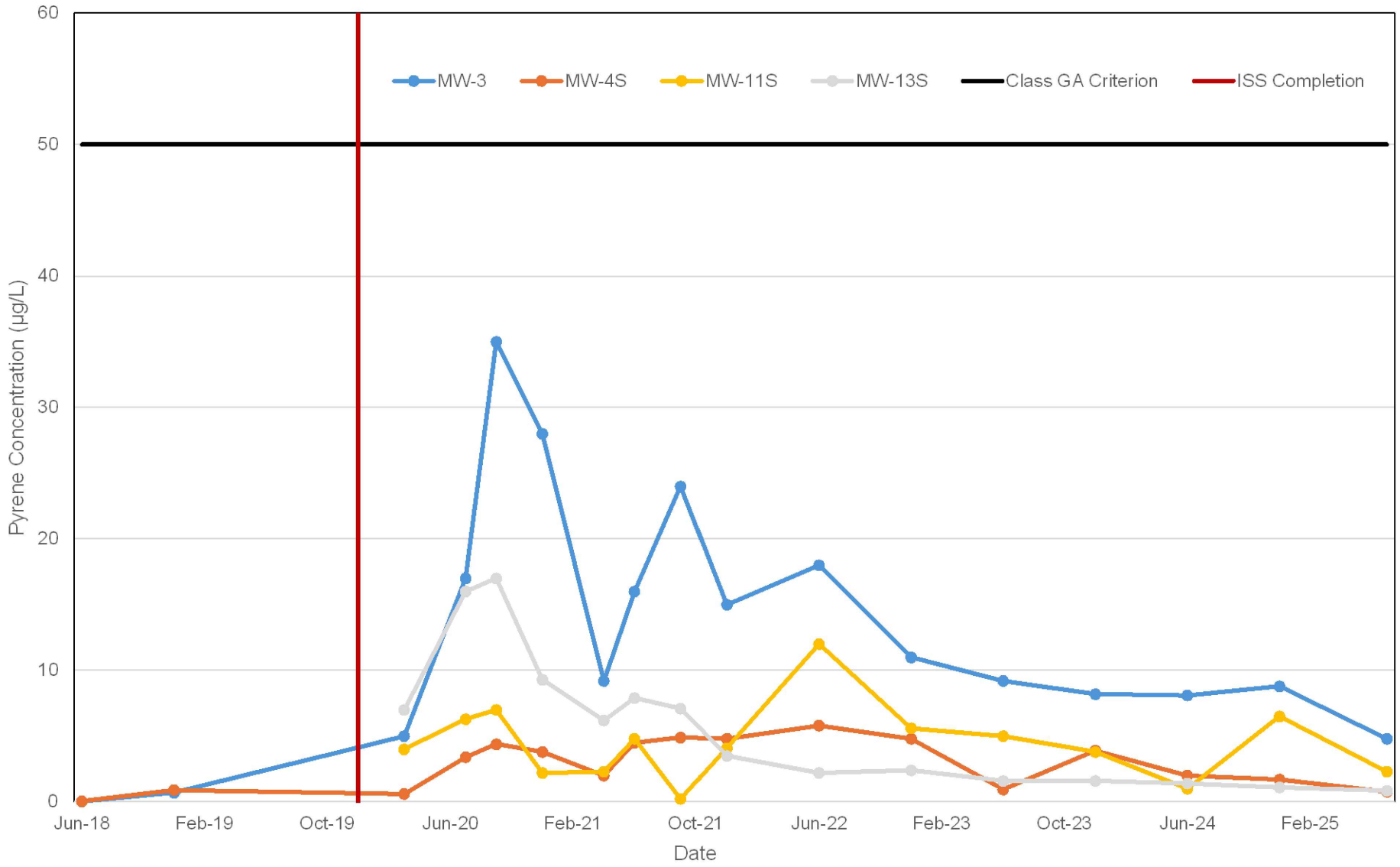
GROUNDWATER QUALITY TREND PLOT - FLOURENE

Project 2503970 | September 2025 | Fig. 5



NOTES:

1. ISS = In-Situ Solidification
2. TOGS 1.1.1 Guidance Value = 50 µg/L

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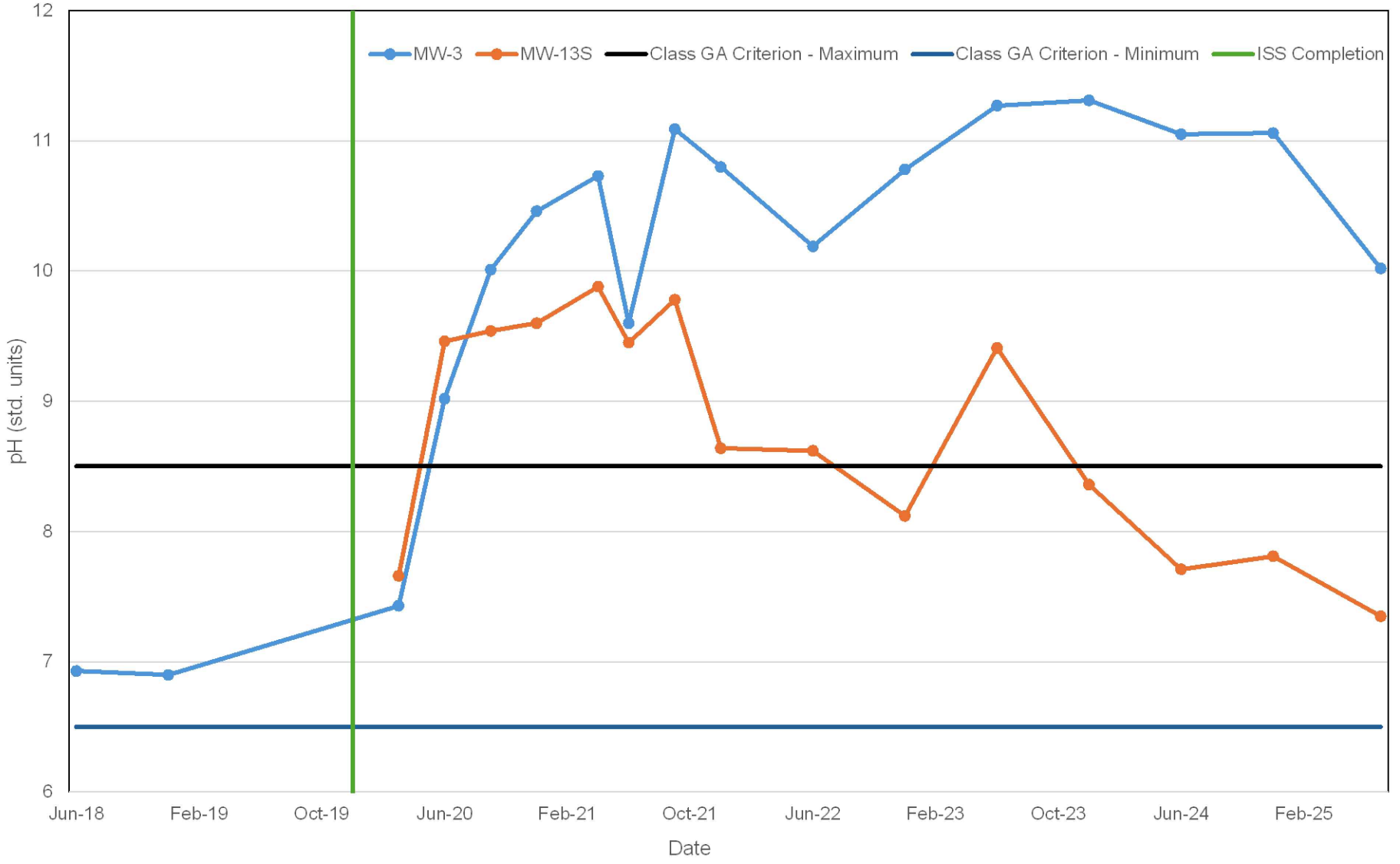
GROUNDWATER QUALITY TREND PLOT - PYRENE

Project 2503970 | September 2025 | Fig. 6

HERIOT, PAULA B:\Working\NATIONAL GRID\2503970 NG Downstate OM&M\00_CAD\Figures\Patchogue\Q3_2025\2-7_2503970_PQ32025_GRPHS.dwg - 9/3/2025



NOTES:

1. ISS = In-Situ Solidification
2. NYS Part 703 Class GA Standard (Minimum) = 6.5
3. NYS Part 703 Class GA Standard (Maximum) = 8.5

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GROUNDWATER QUALITY
TREND PLOT -
pH

Project 2503970 | September 2025 | Fig. 7

HERIOT, PAULA B:\Working\NATIONAL GRID\2503970 NG Downstate OM&M\00_CAD\Figures\Patchogue\Q3_2025\2-7_2503970_PQ32025_GRPHS.dwg - 9/3/2025

Appendix A Field Sampling Data Sheets

Monitoring Well Sample Data Form

Project: National Grid - ~~Bay Shore~~ Patchogue **Well ID:** MW-1 **Sample Date:** 07/28/25

Total Well Depth (from top of casing): 14.93' **Total Well Depth (From Well Log):** —

Depth to Water (from top of casing): 5.90'

Well Diameter: 3/4" 1" (2") 4"

Pump Intake Depth (Mid-Point of Screen Zone): 12.5'

Sampling Crew: Greg Vouzianas

Purge Time: Start: 0920 Finish: 0950

Purging Method: Peristaltic Pump

Sampling Method: Low Flow

Sample Time: Start: 0955 Finish:

Sample Analysis: BTEX/PAH+2-Methylnaphthalene

Purge Data

Sample Time	Depth to Water* (ft)	Flow Rate (lpm/gpm)	Volume Purged (liters/gals.)	pH (std. Units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (Cel.)	Salinity (%)	ORP (mV)	Comments/Observations
0925	5.96	0.2	Initial	6.52	3.37	12.9	3.70	20.59	1.74	-79	Well Headspace PID =
0930	6.03		2	6.55	3.31	6.4	0.00	20.38	1.73	-81	
0935			4	6.56	3.39	0.0	0.00	20.26	1.78	-83	Clear Colorless,
0940			6	6.57	3.37	0.0	0.00	20.25	1.77	-84	No Odor
0945	6.05		8	6.58	3.31	0.0	0.00	20.31	1.73	-85	
0950	6.06		10	6.59	3.25	0.0	0.00	20.30	1.69	-85	

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

Monitoring Well Sample Data Form

Project: National Grid - Patchogue **Well ID:** MW-3 **Sample Date:** 07/29/25

Total Well Depth (from top of casing): 10.02 **Total Well Depth (From Well Log):** —

Depth to Water (from top of casing): 1.78'

Well Diameter: 3/4" 1" (2") 4"

Pump Intake Depth (Mid-Point of Screen Zone): 7.5'

Sampling Crew: Greg Vouzianas

Purge Time: Start: 1050 Finish: 1130

Purging Method: Peristaltic Pump

Sample Time: Start: 1135 Finish:

Sampling Method: Low Flow

Sample Analysis: BTEX/PAH+2-Methylnaphthalene

Purge Data

Sample Time	Depth to Water* (ft)	Flow Rate (lpm/gpm)	Volume Purged (liters/gals.)	pH (std. Units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (Cel.)	Salinity (%)	ORP (mV)	Comments/Observations
1055	2.02	0.2	Initial	8.57	0.907	7.9	5.33	20.99	0.45	-278	Well Headspace PID =
1100	2.03		2	9.82	0.848	0.0	1.27	20.94	0.42	-284	
1105			4	9.90	0.841	0.0	1.00	20.98	0.41	-270	Clear Colorless
1110			6	9.96	0.832	0.0	0.82	20.83	0.41	-249	Clear
1115	2.04		8	10.04	0.840	0.0	0.74	20.81	0.41	-243	Light/Moderate
1120			10	9.99	0.820	0.0	0.68	20.99	0.40	-231	
1125			12	10.01	0.828	0.0	0.64	20.96	0.41	-208	
1130	2.05		14	10.02	0.827	0.0	0.62	20.93	0.40	-227	

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

Monitoring Well Sample Data Form

Project: National Grid - Patchogue **Well ID:** MW-45 **Sample Date:** 7/29/25

Total Well Depth (from top of casing): 12.24 **Total Well Depth (From Well Log):** -

Depth to Water (from top of casing): 4.80

Well Diameter: 3/4" 1" (2") 4"

Pump Intake Depth (Mid-Point of Screen Zone): 10'

Sampling Crew: Greg Vouzianas

Purge Time: Start: 1315 Finish: 1355

Purging Method: Peristaltic Pump

Sample Time: Start: 1400 Finish:

Sampling Method: Low Flow

Sample Analysis: BTEX/PAH+2-Methylnaphthalene

Purge Data

Sample Time	Depth to Water* (ft)	Flow Rate (lpm/gpm)	Volume Purged (liters/gals.)	pH (std. Units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (Cel.)	Salinity (%)	ORP (mV)	Comments/Observations
1320	5.51	0.2	Initial	5.86	0.475	~~0.0~~ 13.9	~~0.77~~ 1.44	12.80	0.23	-37	Well Headspace PID =
1325	5.55	|	2	6.07	0.480	38.7	1.14	26.57	0.23	-95	
1330		|	4	6.21	0.496	4.50	0.87	27.56	0.24	-123	Clear Colorless,
1335		|	6	6.36	0.500	1.66	0.64	27.55	0.24	-141	No odor
1340	5.57	|	8	6.35	0.501	1.42	0.64	28.89	0.24	-146	
1345		|	10	6.42	0.500	4.8	0.54	26.00	0.24	-150	
1350		|	12	6.42	0.499	0.0	0.48	26.22	0.24	-151	
1355	5.60	|	14	6.42	0.499	1.4	0.47	26.18	0.24	-152	
1400	5.60	1	16	6.42	0.499	0.0	0.41	26.35	0.24	-151	

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

Monitoring Well Sample Data Form

Project: National Grid - ~~Bay Shore~~ @ **Well ID:** MW-7S **Sample Date:** 07/28/25

Total Well Depth (from top of casing): 12.12 **Total Well Depth (From Well Log):** —

Depth to Water (from top of casing): @ ~~5.35~~ 4.55

Pump Intake Depth (Mid-Point of Screen Zone): 10'

Well Diameter: 3/4" 1" (2") 4"

Sampling Crew: Greg Vouzianas

Purge Time: Start: 1110 Finish: 1145

Purging Method: Peristaltic Pump

Sample Time: Start: 1150 Finish:

Sampling Method: Low Flow

Sample Analysis: BTEX/PAH+2-Methylnaphthalene

Purge Data

Sample Time	Depth to Water* (ft)	Flow Rate (lpm/gpm)	Volume Purged (liters/gals.)	pH (std. Units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (Cel.)	Salinity (%)	ORP (mV)	Comments/Observations
1115	4.75	0.1	Initial	6.57	0.589	116	2.35	22.25	0.29	-144	Well Headspace PID =
1120	4.68	|	2	6.77	0.594	74.7	0.00	22.76	0.29	-167	
1125		|	4	6.88	0.596	31.6	0.00	22.80	0.29	-178	Clear Colorless
1130		|	6	6.96	0.599	8.2	0.00	23.09	0.29	-184	No Odor
1135	4.69	|	8	6.99	0.600	0.0	0.00	23.42	0.29	-187	
1140		|	10	7.01	0.599	0.0	0.00	23.54	0.29	-190	
1145	4.68	1	12	7.04	0.597	0.0	0.00	23.38	0.29	-191	

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

Monitoring Well Sample Data Form

Project: National Grid - Patchogue

Well ID: MW-8S

Sample Date: 7/29/25

Total Well Depth (from top of casing): 9.87'

Total Well Depth (From Well Log): —

Depth to Water (from top of casing): 0.74'

Well Diameter: 3/4" 1" (2") 4"

Pump Intake Depth (Mid-Point of Screen Zone): 7.5'

Sampling Crew: Greg Vouzianas

Purge Time: Start: 1010 Finish: 1040

Purging Method: Peristaltic Pump

Sample Time: Start: 1045 Finish:

Sampling Method: Low Flow

Sample Analysis: BTEX/PAH+2-Methylnaphthalene

Purge Data

Sample Time	Depth to Water* (ft)	Flow Rate (lpm/gpm)	Volume Purged (liters/gals.)	pH (std. Units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (Cel.)	Salinity (%)	ORP (mV)	Comments/Observations
1015	0.88	0.2	Initial	6.15	0.493	111	1.87	19.52	0.24	-64	Well Headspace PID =
1020	0.89	|	2	6.11	0.491	18.3	1.19	19.28	0.24	-63	
1025		|	4	6.11	0.485	0.0	0.82	20.22	0.23	-64	Clear
1030		|	6	6.07	0.491	0.0	0.82	19.07	0.24	-62	Colorless/Faint Brown
1035	0.89	|	8	6.05	0.491	0.0	0.78	19.44	0.24	-63	No Odor
1040	0.89	|	10	6.06	0.490	0.0	0.75	19.40	0.24	-63	

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

Monitoring Well Sample Data Form

Project: National Grid - ~~Bay Shore~~ Patchogue (a) **Well ID:** MW-10S **Sample Date:** 07/28/25

Total Well Depth (from top of casing): 15.17' **Total Well Depth (From Well Log):** —

Depth to Water (from top of casing): 1.07'

Well Diameter: 3/4" 1" (2") 4"

Pump Intake Depth (Mid-Point of Screen Zone): 12.5'

Sampling Crew: Greg Vouzianas

Purge Time: Start: 0840 Finish: 0910

Purging Method: Peristaltic Pump

Sampling Method: Low Flow

Sample Time: Start: 0915 Finish:

Sample Analysis: BTEX/PAH+2-Methylnaphthalene

Purge Data

Sample Time	Depth to Water* (ft)	Flow Rate (lpm/gpm)	Volume Purged (liters/gals.)	pH (std. Units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (Cel.)	Salinity (%)	ORP (mV)	Comments/Observations
0845	1.08	0.2	Initial	5.84	0.573	241	6.01	18.67	0.28	-58	Well Headspace PID =
0850	1.08	|	2	6.18	0.576	150	0.49	18.12	0.28	-104	
0855		|	4	6.39	0.595	48.1	0.00	17.90	0.29	-128	
0900		|	6	6.50	0.609	0.0	0.00	17.86	0.29	-134	Clear Colorless
0905	1.09	|	8	6.55	0.617	0.0	0.00	17.84	0.30	-136	No Odor
0910	1.09	2	10	6.56	0.619	0.0	0.00	17.82	0.30	-137	

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

Monitoring Well Sample Data Form

Project: National Grid - Patchogue **Well ID:** MW-11S **Sample Date:** 07/29/25

Total Well Depth (from top of casing): 13.9' **Total Well Depth (From Well Log):** —

Depth to Water (from top of casing): 0.92'

Well Diameter: 3/4" 1" (2") 4"

Pump Intake Depth (Mid-Point of Screen Zone): 10'

Sampling Crew: Greg Vouzianas

Purge Time: Start: 0855 Finish: 0950

Purging Method: Peristaltic Pump

Sample Time: Start: 0955 Finish:

Sampling Method: Low Flow

Sample Analysis: BTEX/PAH+2-Methylnaphthalene

Purge Data

Sample Time	Depth to Water* (ft)	Flow Rate (lpm/gpm)	Volume Purged (liters/gals.)	pH (std. Units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (Cel.)	Salinity (%)	ORP (mV)	Comments/Observations
0900	0.96	0.2	Initial	5.73	1.63	125	5.95	22.59	0.82	-71	Well Headspace PID =
0905	0.97		2	6.10	1.54	59.6	1.58	22.22	0.78	-114	
0910			4	6.16	1.50	43.5	1.28	22.15	0.75	-124	
0915			6	6.24	1.40	24.1	1.09	22.03	0.70	-129	Clear Colorless
0920	0.96		8	6.28	1.34	13.9	1.02	21.86	0.67	-132	No Odor
0925			10	6.30	1.29	4.4	0.93	21.56	0.64	-133	
0930			12	6.31	1.25	0.3	0.90	21.63	0.62	-134	
0935	0.96		14	6.33	1.21	0.0	0.88	21.58	0.60	-135	
0940			16	6.35	1.17	0.0	0.81	21.55	0.58	-136	
0945			18	6.36	1.16	0.0	0.79	21.69	0.57	-137	
0950	0.97	—	20	6.37	1.14	0.0	0.77	21.75	0.57	-137	

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

Monitoring Well Sample Data Form

Project: National Grid - ~~Bay Shore~~ Patchogue (GV) **Well ID:** MW-12S **Sample Date:** 07/28/25

Total Well Depth (from top of casing): 13.60' **Total Well Depth (From Well Log):** —

Depth to Water (from top of casing): 1.55'

Well Diameter: 3/4" 1" (2") 4"

Pump Intake Depth (Mid-Point of Screen Zone): 10'

Sampling Crew: Greg Vouzianas

Purge Time: Start: 1210 Finish: 1240

Purging Method: Peristaltic Pump

Sampling Method: Low Flow

Sample Time: Start: 1245 Finish:

Sample Analysis: BTEX/PAH+2-Methylnaphthalene

Purge Data

Sample Time	Depth to Water* (ft)	Flow Rate (lpm/gpm)	Volume Purged (liters/gals.)	pH (std. Units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (Cel.)	Salinity (%)	ORP (mV)	Comments/Observations
1215	1.62	0.2	2 liters	6.92	0.503	260	0.00	20.27	0.24	-57	Well Headspace PID =
1220	1.62	|	4	6.74	0.534	0.0	0.00	~~25.72~~	0.26	-66	
1225		|	6	6.73	0.536	0.0	0.00	19.05	0.26	-71	MS/MSD
1230		|	8	6.72	0.541	0.0	0.00	19.00	0.26	-75	
1235	1.61	|	8	6.71	0.545	0.0	0.00	19.06	0.26	-78	Clear Colorless
1240	1.60	—	10	6.71	0.549	0.0	0.00	18.93	0.26	-80	No Odor

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

Monitoring Well Sample Data Form

Project: National Grid - ~~Bay Shore~~ Patchogue **Well ID:** MW-12D **Sample Date:** 07/28/23

Total Well Depth (from top of casing): 23.55' **Total Well Depth (From Well Log):** —

Depth to Water (from top of casing): 1.38'

Well Diameter: 3/4" 1" (2") 4"

Pump Intake Depth (Mid-Point of Screen Zone): 21'

Sampling Crew: Greg Vouzianas

Purge Time: Start: 1355 Finish: 1345

Purging Method: Peristaltic Pump

Sample Time: Start: 1350 Finish:

Sampling Method: Low Flow

Sample Analysis: BTEX/PAH+2-Methylnaphthalene

Purge Data

Sample Time	Depth to Water* (ft)	Flow Rate (lpm/gpm)	Volume Purged (liters/gals.)	pH (std. Units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (Cel.)	Salinity (%)	ORP (mV)	Comments/Observations
1300	1.39	0.2	Initial	5.70	0.436	0.0	0.00	18.68	0.21	95	Well Headspace PID =
1305	1.38		2	5.48	0.436	0.0	0.00	18.78	0.21	113	
1310			4	5.28	0.429	0.0	0.00	19.13	0.21	137	DUP-01
1315			6	5.15	0.432	0.0	0.00	18.30	0.21	155	
1320	1.39		8	5.12	0.434	0.0	0.00	18.12	0.21	166	FB-072823
1325			10	5.10	0.434	0.0	0.00	18.10	0.21	175	Time: 1400
1330			12	5.07	0.433	0.0	0.00	18.10	0.21	183	
1335	1.39		14	5.06	0.433	0.0	0.00	18.14	0.21	190	Clear Colorless
1340	1.39		16	5.06	0.434	0.0	0.00	18.10	0.21	194	No Odor
1345	1.39	—	18	5.06	0.434	0.0	0.0	18.11	0.21	198	

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

Monitoring Well Sample Data Form

07/29/25

Project: National Grid - Patchogue **Well ID:** MW-13S **Sample Date:** ~~07/28/25~~

Total Well Depth (from top of casing): 13.32 **Total Well Depth (From Well Log):** —

Depth to Water (from top of casing): 1.45'

Well Diameter: 3/4" 1" (2") 4"

Pump Intake Depth (Mid-Point of Screen Zone): 10'

Sampling Crew: Greg Vouzianas

Purge Time: Start: 1140 Finish: 1215

Purging Method: Peristaltic Pump

Sample Time: Start: 1220 Finish:

Sampling Method: Low Flow

Sample Analysis: BTEX/PAH+2-Methylnaphthalene

Purge Data											
Sample Time	Depth to Water* (ft)	Flow Rate (lpm/gpm)	Volume Purged (liters/gals.)	pH (std. Units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (Cel.)	Salinity (%)	ORP (mV)	Comments/Observations
1145	1.52	0.2	Initial	7.71	0.835	0.0	1.76	20.35	0.41	-283	Well Headspace PID =
1150	1.51		2	7.52	0.836	0.0	0.98	20.22	0.41	-292	
1155			4	7.41	0.837	0.0	0.78	20.29	0.41	-297	Clear Colorless
1200			6	7.37	0.837	1.0	0.71	20.25	0.41	-297	No Odor
1205	1.50		8	7.36	0.838	0.9	0.65	20.27	0.41	-297	
1210			10	7.35	0.837	@3.4	0.59	20.27	0.41	-299	"
1215	1.50	↓	12	7.35	0.837	2.7	0.62	20.28	0.41	-299	

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

Monitoring Well Sample Data Form

Project: National Grid - Patchogue 1 **Well ID:** MW-13D **Sample Date:** 7/29/25

Total Well Depth (from top of casing): 23.92 **Total Well Depth (From Well Log):** —

Depth to Water (from top of casing): 1.45'

Pump Intake Depth (Mid-Point of Screen Zone): 20'

Well Diameter: 3/4" 1" (2") 4"

Sampling Crew: Greg Vouzianas

Purge Time: Start: 1220 Finish: 1310

Purging Method: Peristaltic Pump

Sample Time: Start: 1315 Finish:

Sampling Method: Low Flow

Sample Analysis: BTEX/PAH+2-Methylnaphthalene

Purge Data

Sample Time	Depth to Water* (ft)	Flow Rate (lpm/gpm)	Volume Purged (liters/gals.)	pH (std. Units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (Cel.)	Salinity (%)	ORP (mV)	Comments/Observations
1225	1.46	0.2	2 Liters	6.55	0.431	62.9	2.83	18.31	0.21	40	Well Headspace PID =
1230	1.47		2	6.33	0.430	30.8	1.30	18.16	0.21	10	
1235			4	6.13	0.431	14.9	1.07	18.01	0.21	34	
1240			6	5.79	0.434	0.0	0.83	18.04	0.21	64	Clear Colorless
1245	1.46		8	5.65	0.432	0.0	0.78	17.80	0.21	74	No Odor
1250			10	5.64	0.435	0.0	0.71	17.84	0.21	83	
1255			12	5.60	0.435	0.0	0.65	17.77	0.21	89	
1300	1.46		14	5.59	0.437	0.0	0.60	17.83	0.21	95	
1305			16	5.58	0.440	0.0	0.58	17.83	0.21	98	
1310	1.46		18	5.59	0.441	0.0	0.55	17.85	0.21	101	

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

Monitoring Well Sample Data Form

Project: National Grid - ~~Bay Shore~~ Patchogue **Well ID:** MW-14S **Sample Date:** 7/28/25

Total Well Depth (from top of casing): 12.31' **Total Well Depth (From Well Log):** —

Depth to Water (from top of casing): ~~12.31~~ @ 0.98'

Well Diameter: 3/4" 1" (2") 4"

Pump Intake Depth (Mid-Point of Screen Zone): 10'

Sampling Crew: Greg Vouzianas

Purge Time: Start: 1000 Finish: 1050

Purging Method: Peristaltic Pump

Sampling Method: Low Flow

Sample Time: Start: 1055 Finish:

Sample Analysis: BTEX/PAH+2-Methylnaphthalene

Purge Data

Sample Time	Depth to Water* (ft)	Flow Rate (lpm/gpm)	Volume Purged (liters/gals.)	pH (std. Units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (Cel.)	Salinity (%)	ORP (mV)	Comments/Observations
1005	1.13	0.2	2	6.85	0.536	50.4	1.92	20.96	0.26	-37	Well Headspace PID =
1010	1.12		4	6.70	0.524	53.1	0.03	21.39	0.25	-19	
1015			6	6.53	0.517	52.8	0.00	21.72	0.25	-9	
1020			8	6.43	0.509	11.5	0.09	22.00	0.25	6	Clear Colorless
1025	1.12		10	6.37	0.506	0.0	0.15	22.13	0.24	25	
1030			12	6.35	0.505	0.0	0.08	22.08	0.24	39	No Odor
1035			14	6.33	0.503	0.0	0.00	21.96	0.24	49	
1040	1.11		16	6.30	0.503	0.00	0.00	21.99	0.24	56	
1045			18	6.30	0.503	0.0	0.00	22.01	0.24	65	
1050			20	6.29	0.502	0.0	0.00	21.94	0.24	70	
1050	1.11		22	6.29	0.501	0.0	0.00	21.82	0.24	75	

* DTW - Record first two readings, final reading, and minimum of once evey 15 minutes during purging

Appendix B Laboratory Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher Morris
GEI Consultants Inc
1000 New York Avenue
Huntington Station NY 11746

Generated 08/04/2025

JOB DESCRIPTION

National Grid Downstate Patchogue

JOB NUMBER

460-331678-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
08/04/2025

Authorized for release by
Katelyn M Connelly, Project Manager I
Katelyn.Connelly@et.eurofinsus.com

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Job Narrative
460-331678-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/29/2025 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C.

GC/MS VOA
Method 8260D: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: MW-12S (460-331678-6[MSD]). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 460-1052909 recovered above the upper control limit for Indeno[1,2,3-cd]pyrene, Dibenz(a,h)anthracene and Benzo[g,h,i]perylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270E: The laboratory control sample duplicate (LCSD) for preparation batch 460-1052770 and analytical batch 460-1052909 recovered outside control limits for the following analytes: 2-Methylnaphthalene. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_SIM: The laboratory control sample duplicate (LCSD) for batch preparation batch 460-1052770 and analytical batch 460-1053189 recovered outside control limits for the following analytes: Chrysene. The laboratory control sample (LCS) recovery was within control limits. The associated sample data has been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: GEI Consultants Inc
Job ID: 460-331678-1
Project/Site: National Grid Downstate Patchogue

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-331678-1	TB-07282025	Water	07/28/25 00:00	07/29/25 19:00
460-331678-2	MW-10S	Water	07/28/25 09:15	07/29/25 19:00
460-331678-3	MW-1	Water	07/28/25 09:55	07/29/25 19:00
460-331678-4	MW-14S	Water	07/28/25 10:55	07/29/25 19:00
460-331678-5	MW-7S	Water	07/28/25 11:50	07/29/25 19:00
460-331678-6	MW-12S	Water	07/28/25 12:45	07/29/25 19:00
460-331678-7	MW-12D	Water	07/28/25 13:50	07/29/25 19:00
460-331678-8	DUP-01	Water	07/28/25 00:00	07/29/25 19:00
460-331678-9	FB-07282025	Water	07/28/25 14:00	07/29/25 19:00

Detection Summary

Client: GEI Consultants Inc
Job ID: 460-331678-1
Project/Site: National Grid Downstate Patchogue

Client Sample ID: TB-07282025 — Lab Sample ID: 460-331678-1

No Detections.

Client Sample ID: MW-10S — Lab Sample ID: 460-331678-2

No Detections.

Client Sample ID: MW-1 — Lab Sample ID: 460-331678-3

No Detections.

Client Sample ID: MW-14S — Lab Sample ID: 460-331678-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.16		0.050	0.014	ug/L	1		8270E SIM	Total/NA
Fluorene	0.034	J	0.050	0.012	ug/L	1		8270E SIM	Total/NA
Naphthalene	0.16	J	0.20	0.12	ug/L	1		8270E SIM	Total/NA

Client Sample ID: MW-7S — Lab Sample ID: 460-331678-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.10		0.050	0.014	ug/L	1		8270E SIM	Total/NA
Fluorene	0.022	J	0.050	0.012	ug/L	1		8270E SIM	Total/NA

Client Sample ID: MW-12S — Lab Sample ID: 460-331678-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.096		0.050	0.014	ug/L	1		8270E SIM	Total/NA

Client Sample ID: MW-12D — Lab Sample ID: 460-331678-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.022	J	0.050	0.022	ug/L	1		8270E SIM	Total/NA

Client Sample ID: DUP-01 — Lab Sample ID: 460-331678-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.041	J	0.050	0.039	ug/L	1		8270E SIM	Total/NA

Client Sample ID: FB-07282025 — Lab Sample ID: 460-331678-9

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: GEI Consultants Inc
Job ID: 460-331678-1
Project/Site: National Grid Downstate Patchogue

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: TB-07282025
Lab Sample ID: 460-331678-1

Date Collected: 07/28/25 00:00
Matrix: Water
Date Received: 07/29/25 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 10:23	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 10:23	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 10:23	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*		*08/01/25 10:23*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*08/01/25 10:23*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*08/01/25 10:23*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*08/01/25 10:23*	*1*

Client Sample ID: MW-10S
Lab Sample ID: 460-331678-2

Date Collected: 07/28/25 09:15
Matrix: Water
Date Received: 07/29/25 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 11:37	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 11:37	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 11:37	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*		*08/01/25 11:37*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*08/01/25 11:37*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*08/01/25 11:37*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/01/25 11:37*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.050	U	0.050	0.014	ug/L		07/31/25 10:36	08/01/25 14:59	1
Acenaphthylene	0.050	U	0.050	0.015	ug/L		07/31/25 10:36	08/01/25 14:59	1
Anthracene	0.050	U	0.050	0.025	ug/L		07/31/25 10:36	08/01/25 14:59	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		07/31/25 10:36	08/01/25 14:59	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 14:59	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		07/31/25 10:36	08/01/25 14:59	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		07/31/25 10:36	08/01/25 14:59	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		07/31/25 10:36	08/01/25 14:59	1
Chrysene	0.050	U *	0.050	0.030	ug/L		07/31/25 10:36	08/01/25 14:59	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		07/31/25 10:36	08/01/25 14:59	1
Fluoranthene	0.050	U	0.050	0.039	ug/L		07/31/25 10:36	08/01/25 14:59	1
Fluorene	0.050	U	0.050	0.012	ug/L		07/31/25 10:36	08/01/25 14:59	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		07/31/25 10:36	08/01/25 14:59	1
Naphthalene	0.20	U	0.20	0.12	ug/L		07/31/25 10:36	08/01/25 14:59	1
Phenanthrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 14:59	1
Pyrene	0.050	U	0.050	0.031	ug/L		07/31/25 10:36	08/01/25 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*33 - 150*	*07/31/25 10:36*	*08/01/25 14:59*	*1*
Nitrobenzene-d5 (Surr)	*78*		*36 - 150*	*07/31/25 10:36*	*08/01/25 14:59*	*1*

Client Sample ID: MW-10S
Lab Sample ID: 460-331678-2
Date Collected: 07/28/25 09:15
Matrix: Water
Date Received: 07/29/25 19:00

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U *	10	0.53	ug/L		07/31/25 10:36	08/01/25 07:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*38 - 139*	*07/31/25 10:36*	*08/01/25 07:48*	*1*
Nitrobenzene-d5 (Surr)	*77*		*39 - 145*	*07/31/25 10:36*	*08/01/25 07:48*	*1*
Terphenyl-d14 (Surr)	*36*		*10 - 133*	*07/31/25 10:36*	*08/01/25 07:48*	*1*

Client Sample ID: MW-1
Lab Sample ID: 460-331678-3
Date Collected: 07/28/25 09:55
Matrix: Water
Date Received: 07/29/25 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 12:01	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 12:01	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 12:01	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*		*08/01/25 12:01*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*08/01/25 12:01*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 132*		*08/01/25 12:01*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*08/01/25 12:01*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.050	U	0.050	0.014	ug/L		07/31/25 10:36	08/01/25 15:21	1
Acenaphthylene	0.050	U	0.050	0.015	ug/L		07/31/25 10:36	08/01/25 15:21	1
Anthracene	0.050	U	0.050	0.025	ug/L		07/31/25 10:36	08/01/25 15:21	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		07/31/25 10:36	08/01/25 15:21	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 15:21	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		07/31/25 10:36	08/01/25 15:21	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		07/31/25 10:36	08/01/25 15:21	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		07/31/25 10:36	08/01/25 15:21	1
Chrysene	0.050	U *	0.050	0.030	ug/L		07/31/25 10:36	08/01/25 15:21	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		07/31/25 10:36	08/01/25 15:21	1
Fluoranthene	0.050	U	0.050	0.039	ug/L		07/31/25 10:36	08/01/25 15:21	1
Fluorene	0.050	U	0.050	0.012	ug/L		07/31/25 10:36	08/01/25 15:21	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		07/31/25 10:36	08/01/25 15:21	1
Naphthalene	0.20	U	0.20	0.12	ug/L		07/31/25 10:36	08/01/25 15:21	1
Phenanthrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 15:21	1
Pyrene	0.050	U	0.050	0.031	ug/L		07/31/25 10:36	08/01/25 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*33 - 150*	*07/31/25 10:36*	*08/01/25 15:21*	*1*
Nitrobenzene-d5 (Surr)	*80*		*36 - 150*	*07/31/25 10:36*	*08/01/25 15:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U *	10	0.53	ug/L		07/31/25 10:36	08/01/25 08:09	1

Client Sample ID: MW-1
Lab Sample ID: 460-331678-3

Date Collected: 07/28/25 09:55
Matrix: Water
Date Received: 07/29/25 19:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*88*		*38 - 139*	*07/31/25 10:36*	*08/01/25 08:09*	*1*
Nitrobenzene-d5 (Surr)	*89*		*39 - 145*	*07/31/25 10:36*	*08/01/25 08:09*	*1*
Terphenyl-d14 (Surr)	*30*		*10 - 133*	*07/31/25 10:36*	*08/01/25 08:09*	*1*

Client Sample ID: MW-14S
Lab Sample ID: 460-331678-4

Date Collected: 07/28/25 10:55
Matrix: Water
Date Received: 07/29/25 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 12:26	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 12:26	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 12:26	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*		*08/01/25 12:26*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*08/01/25 12:26*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*08/01/25 12:26*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*08/01/25 12:26*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.16**		0.050	0.014	ug/L		07/31/25 10:36	08/01/25 15:42	1
Acenaphthylene	0.050	U	0.050	0.015	ug/L		07/31/25 10:36	08/01/25 15:42	1
Anthracene	0.050	U	0.050	0.025	ug/L		07/31/25 10:36	08/01/25 15:42	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		07/31/25 10:36	08/01/25 15:42	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 15:42	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		07/31/25 10:36	08/01/25 15:42	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		07/31/25 10:36	08/01/25 15:42	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		07/31/25 10:36	08/01/25 15:42	1
Chrysene	0.050	U *	0.050	0.030	ug/L		07/31/25 10:36	08/01/25 15:42	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		07/31/25 10:36	08/01/25 15:42	1
Fluoranthene	0.050	U	0.050	0.039	ug/L		07/31/25 10:36	08/01/25 15:42	1
Fluorene	**0.034**	**J**	0.050	0.012	ug/L		07/31/25 10:36	08/01/25 15:42	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		07/31/25 10:36	08/01/25 15:42	1
Naphthalene	**0.16**	**J**	0.20	0.12	ug/L		07/31/25 10:36	08/01/25 15:42	1
Phenanthrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 15:42	1
Pyrene	0.050	U	0.050	0.031	ug/L		07/31/25 10:36	08/01/25 15:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*77*		*33 - 150*	*07/31/25 10:36*	*08/01/25 15:42*	*1*
Nitrobenzene-d5 (Surr)	*89*		*36 - 150*	*07/31/25 10:36*	*08/01/25 15:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U *	10	0.53	ug/L		07/31/25 10:36	08/01/25 08:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*80*		*38 - 139*	*07/31/25 10:36*	*08/01/25 08:31*	*1*
Nitrobenzene-d5 (Surr)	*82*		*39 - 145*	*07/31/25 10:36*	*08/01/25 08:31*	*1*
Terphenyl-d14 (Surr)	*34*		*10 - 133*	*07/31/25 10:36*	*08/01/25 08:31*	*1*

Client Sample ID: MW-7S
Lab Sample ID: 460-331678-5
Date Collected: 07/28/25 11:50
Matrix: Water
Date Received: 07/29/25 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 12:50	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 12:50	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 12:50	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 128*		*08/01/25 12:50*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*08/01/25 12:50*	*1*
Dibromofluoromethane (Surr)	*95*		*77 - 132*		*08/01/25 12:50*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*08/01/25 12:50*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.10**		0.050	0.014	ug/L		07/31/25 10:36	08/01/25 16:03	1
Acenaphthylene	0.050	U	0.050	0.015	ug/L		07/31/25 10:36	08/01/25 16:03	1
Anthracene	0.050	U	0.050	0.025	ug/L		07/31/25 10:36	08/01/25 16:03	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		07/31/25 10:36	08/01/25 16:03	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 16:03	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		07/31/25 10:36	08/01/25 16:03	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		07/31/25 10:36	08/01/25 16:03	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		07/31/25 10:36	08/01/25 16:03	1
Chrysene	0.050	U *	0.050	0.030	ug/L		07/31/25 10:36	08/01/25 16:03	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		07/31/25 10:36	08/01/25 16:03	1
Fluoranthene	0.050	U	0.050	0.039	ug/L		07/31/25 10:36	08/01/25 16:03	1
Fluorene	**0.022**	**J**	0.050	0.012	ug/L		07/31/25 10:36	08/01/25 16:03	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		07/31/25 10:36	08/01/25 16:03	1
Naphthalene	0.20	U	0.20	0.12	ug/L		07/31/25 10:36	08/01/25 16:03	1
Phenanthrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 16:03	1
Pyrene	0.050	U	0.050	0.031	ug/L		07/31/25 10:36	08/01/25 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*33 - 150*	*07/31/25 10:36*	*08/01/25 16:03*	*1*
Nitrobenzene-d5 (Surr)	*84*		*36 - 150*	*07/31/25 10:36*	*08/01/25 16:03*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U *	10	0.53	ug/L		07/31/25 10:36	08/01/25 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*38 - 139*	*07/31/25 10:36*	*08/01/25 08:52*	*1*
Nitrobenzene-d5 (Surr)	*89*		*39 - 145*	*07/31/25 10:36*	*08/01/25 08:52*	*1*
Terphenyl-d14 (Surr)	*35*		*10 - 133*	*07/31/25 10:36*	*08/01/25 08:52*	*1*

Client Sample ID: MW-12S
Lab Sample ID: 460-331678-6
Date Collected: 07/28/25 12:45
Matrix: Water
Date Received: 07/29/25 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 11:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 11:12	1

Client Sample ID: MW-12S
Lab Sample ID: 460-331678-6
Date Collected: 07/28/25 12:45
Matrix: Water
Date Received: 07/29/25 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 11:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*		*08/01/25 11:12*	*1*
4-Bromofluorobenzene	*99*		*76 - 120*		*08/01/25 11:12*	*1*
Dibromofluoromethane (Surr)	*111*		*77 - 132*		*08/01/25 11:12*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*08/01/25 11:12*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.096**		0.050	0.014	ug/L		07/31/25 10:36	08/01/25 17:27	1
Acenaphthylene	0.050	U	0.050	0.015	ug/L		07/31/25 10:36	08/01/25 17:27	1
Anthracene	0.050	U	0.050	0.025	ug/L		07/31/25 10:36	08/01/25 17:27	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		07/31/25 10:36	08/01/25 17:27	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 17:27	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		07/31/25 10:36	08/01/25 17:27	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		07/31/25 10:36	08/01/25 17:27	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		07/31/25 10:36	08/01/25 17:27	1
Chrysene	0.050	U *	0.050	0.030	ug/L		07/31/25 10:36	08/01/25 17:27	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		07/31/25 10:36	08/01/25 17:27	1
Fluoranthene	0.050	U	0.050	0.039	ug/L		07/31/25 10:36	08/01/25 17:27	1
Fluorene	0.050	U	0.050	0.012	ug/L		07/31/25 10:36	08/01/25 17:27	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		07/31/25 10:36	08/01/25 17:27	1
Naphthalene	0.20	U	0.20	0.12	ug/L		07/31/25 10:36	08/01/25 17:27	1
Phenanthrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 17:27	1
Pyrene	0.050	U	0.050	0.031	ug/L		07/31/25 10:36	08/01/25 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*33 - 150*	*07/31/25 10:36*	*08/01/25 17:27*	*1*
Nitrobenzene-d5 (Surr)	*77*		*36 - 150*	*07/31/25 10:36*	*08/01/25 17:27*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U *	10	0.53	ug/L		07/31/25 10:36	08/01/25 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*38 - 139*	*07/31/25 10:36*	*08/01/25 10:17*	*1*
Nitrobenzene-d5 (Surr)	*89*		*39 - 145*	*07/31/25 10:36*	*08/01/25 10:17*	*1*
Terphenyl-d14 (Surr)	*51*		*10 - 133*	*07/31/25 10:36*	*08/01/25 10:17*	*1*

Client Sample ID: MW-12D
Lab Sample ID: 460-331678-7
Date Collected: 07/28/25 13:50
Matrix: Water
Date Received: 07/29/25 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 13:15	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 13:15	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 13:15	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 13:15	1

Client Sample ID: MW-12D
Date Collected: 07/28/25 13:50
Date Received: 07/29/25 19:00

Lab Sample ID: 460-331678-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 128		08/01/25 13:15	1
4-Bromofluorobenzene	103		76 - 120		08/01/25 13:15	1
Dibromofluoromethane (Surr)	103		77 - 132		08/01/25 13:15	1
Toluene-d8 (Surr)	80		80 - 120		08/01/25 13:15	1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.050	U	0.050	0.014	ug/L		07/31/25 10:36	08/01/25 16:24	1
Acenaphthylene	0.050	U	0.050	0.015	ug/L		07/31/25 10:36	08/01/25 16:24	1
Anthracene	0.050	U	0.050	0.025	ug/L		07/31/25 10:36	08/01/25 16:24	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		07/31/25 10:36	08/01/25 16:24	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 16:24	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		07/31/25 10:36	08/01/25 16:24	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		07/31/25 10:36	08/01/25 16:24	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		07/31/25 10:36	08/01/25 16:24	1
Chrysene	0.050	U *	0.050	0.030	ug/L		07/31/25 10:36	08/01/25 16:24	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		07/31/25 10:36	08/01/25 16:24	1
Fluoranthene	0.050	U	0.050	0.039	ug/L		07/31/25 10:36	08/01/25 16:24	1
Fluorene	0.050	U	0.050	0.012	ug/L		07/31/25 10:36	08/01/25 16:24	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		07/31/25 10:36	08/01/25 16:24	1
Naphthalene	0.20	U	0.20	0.12	ug/L		07/31/25 10:36	08/01/25 16:24	1
Phenanthrene	**0.022**	**J**	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 16:24	1
Pyrene	0.050	U	0.050	0.031	ug/L		07/31/25 10:36	08/01/25 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	82		33 - 150	07/31/25 10:36	08/01/25 16:24	1
Nitrobenzene-d5 (Surr)	91		36 - 150	07/31/25 10:36	08/01/25 16:24	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U *	10	0.53	ug/L		07/31/25 10:36	08/01/25 09:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	84		38 - 139	07/31/25 10:36	08/01/25 09:13	1
Nitrobenzene-d5 (Surr)	83		39 - 145	07/31/25 10:36	08/01/25 09:13	1
Terphenyl-d14 (Surr)	50		10 - 133	07/31/25 10:36	08/01/25 09:13	1

Client Sample ID: DUP-01
Date Collected: 07/28/25 00:00
Date Received: 07/29/25 19:00

Lab Sample ID: 460-331678-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 13:39	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 13:39	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 13:39	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		70 - 128		08/01/25 13:39	1
4-Bromofluorobenzene	105		76 - 120		08/01/25 13:39	1
Dibromofluoromethane (Surr)	88		77 - 132		08/01/25 13:39	1

Client Sample ID: DUP-01
Lab Sample ID: 460-331678-8
Date Collected: 07/28/25 00:00
Matrix: Water
Date Received: 07/29/25 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/01/25 13:39*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.050	U	0.050	0.014	ug/L		07/31/25 10:36	08/01/25 16:45	1
Acenaphthylene	0.050	U	0.050	0.015	ug/L		07/31/25 10:36	08/01/25 16:45	1
Anthracene	0.050	U	0.050	0.025	ug/L		07/31/25 10:36	08/01/25 16:45	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		07/31/25 10:36	08/01/25 16:45	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 16:45	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		07/31/25 10:36	08/01/25 16:45	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		07/31/25 10:36	08/01/25 16:45	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		07/31/25 10:36	08/01/25 16:45	1
Chrysene	0.050	U *	0.050	0.030	ug/L		07/31/25 10:36	08/01/25 16:45	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		07/31/25 10:36	08/01/25 16:45	1
Fluoranthene	**0.041**	**J**	0.050	0.039	ug/L		07/31/25 10:36	08/01/25 16:45	1
Fluorene	0.050	U	0.050	0.012	ug/L		07/31/25 10:36	08/01/25 16:45	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		07/31/25 10:36	08/01/25 16:45	1
Naphthalene	0.20	U	0.20	0.12	ug/L		07/31/25 10:36	08/01/25 16:45	1
Phenanthrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 16:45	1
Pyrene	0.050	U	0.050	0.031	ug/L		07/31/25 10:36	08/01/25 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*33 - 150*	*07/31/25 10:36*	*08/01/25 16:45*	*1*
Nitrobenzene-d5 (Surr)	*85*		*36 - 150*	*07/31/25 10:36*	*08/01/25 16:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U *	10	0.53	ug/L		07/31/25 10:36	08/01/25 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*38 - 139*	*07/31/25 10:36*	*08/01/25 09:34*	*1*
Nitrobenzene-d5 (Surr)	*87*		*39 - 145*	*07/31/25 10:36*	*08/01/25 09:34*	*1*
Terphenyl-d14 (Surr)	*46*		*10 - 133*	*07/31/25 10:36*	*08/01/25 09:34*	*1*

Client Sample ID: FB-07282025
Lab Sample ID: 460-331678-9
Date Collected: 07/28/25 14:00
Matrix: Water
Date Received: 07/29/25 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 10:48	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 10:48	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 10:48	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 10:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 128*		*08/01/25 10:48*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*08/01/25 10:48*	*1*
Dibromofluoromethane (Surr)	*108*		*77 - 132*		*08/01/25 10:48*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*08/01/25 10:48*	*1*

Client Sample ID: FB-07282025
Lab Sample ID: 460-331678-9

Date Collected: 07/28/25 14:00
Matrix: Water

Date Received: 07/29/25 19:00

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.050	U	0.050	0.014	ug/L		07/31/25 10:36	08/01/25 17:06	1
Acenaphthylene	0.050	U	0.050	0.015	ug/L		07/31/25 10:36	08/01/25 17:06	1
Anthracene	0.050	U	0.050	0.025	ug/L		07/31/25 10:36	08/01/25 17:06	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		07/31/25 10:36	08/01/25 17:06	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 17:06	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		07/31/25 10:36	08/01/25 17:06	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		07/31/25 10:36	08/01/25 17:06	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		07/31/25 10:36	08/01/25 17:06	1
Chrysene	0.050	U *	0.050	0.030	ug/L		07/31/25 10:36	08/01/25 17:06	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		07/31/25 10:36	08/01/25 17:06	1
Fluoranthene	0.050	U	0.050	0.039	ug/L		07/31/25 10:36	08/01/25 17:06	1
Fluorene	0.050	U	0.050	0.012	ug/L		07/31/25 10:36	08/01/25 17:06	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		07/31/25 10:36	08/01/25 17:06	1
Naphthalene	0.20	U	0.20	0.12	ug/L		07/31/25 10:36	08/01/25 17:06	1
Phenanthrene	0.050	U	0.050	0.022	ug/L		07/31/25 10:36	08/01/25 17:06	1
Pyrene	0.050	U	0.050	0.031	ug/L		07/31/25 10:36	08/01/25 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*33 - 150*	*07/31/25 10:36*	*08/01/25 17:06*	*1*
Nitrobenzene-d5 (Surr)	*79*		*36 - 150*	*07/31/25 10:36*	*08/01/25 17:06*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U *	10	0.53	ug/L		07/31/25 10:36	08/01/25 09:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*38 - 139*	*07/31/25 10:36*	*08/01/25 09:55*	*1*
Nitrobenzene-d5 (Surr)	*92*		*39 - 145*	*07/31/25 10:36*	*08/01/25 09:55*	*1*
Terphenyl-d14 (Surr)	*66*		*10 - 133*	*07/31/25 10:36*	*08/01/25 09:55*	*1*

Surrogate Summary

Client: GEI Consultants Inc
Job ID: 460-331678-1
Project/Site: National Grid Downstate Patchogue

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-331678-1	TB-07282025	92	102	100	107
460-331678-2	MW-10S	95	103	102	101
460-331678-3	MW-1	97	103	101	106
460-331678-4	MW-14S	96	102	100	94
460-331678-5	MW-7S	94	102	95	107
460-331678-6	MW-12S	90	99	111	89
460-331678-6 MS	MW-12S	86	108	91	89
460-331678-6 MSD	MW-12S	76	96	110	70 *
460-331678-7	MW-12D	96	103	103	80
460-331678-8	DUP-01	83	105	88	93
460-331678-9	FB-07282025	94	102	108	94
LCS 460-1053164/5	Lab Control Sample	84	108	90	91
MB 460-1053164/9	Method Blank	92	104	102	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(38-139)	(39-145)	(10-133)
460-331678-2	MW-10S	75	77	36
460-331678-3	MW-1	88	89	30
460-331678-4	MW-14S	80	82	34
460-331678-5	MW-7S	88	89	35
460-331678-6	MW-12S	90	89	51
460-331678-6 MS	MW-12S	91	88	66
460-331678-6 MSD	MW-12S	95	92	70
460-331678-7	MW-12D	84	83	50
460-331678-8	DUP-01	87	87	46
460-331678-9	FB-07282025	92	92	66
LCS 460-1052770/2-A	Lab Control Sample	83	76	77
LCSD 460-1052770/3-A	Lab Control Sample Dup	95	86	87
MB 460-1052770/1-A	Method Blank	84	86	98

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: GEI Consultants Inc
Job ID: 460-331678-1
Project/Site: National Grid Downstate Patchogue

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		FBP	NBZ
Lab Sample ID	Client Sample ID	(33-150)	(36-150)
460-331678-2	MW-10S	70	78
460-331678-3	MW-1	72	80
460-331678-4	MW-14S	77	89
460-331678-5	MW-7S	76	84
460-331678-6	MW-12S	72	77
460-331678-6 MS	MW-12S	80	95
460-331678-6 MSD	MW-12S	75	79
460-331678-7	MW-12D	82	91
460-331678-8	DUP-01	79	85
460-331678-9	FB-07282025	73	79
LCS 460-1052770/4-A	Lab Control Sample	85	96
LCSD 460-1052770/5-A	Lab Control Sample Dup	85	92
MB 460-1052770/1-A	Method Blank	59	64

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1053164/9
Matrix: Water
Analysis Batch: 1053164

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 09:59	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 09:59	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 09:59	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 09:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*		*08/01/25 09:59*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*08/01/25 09:59*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*08/01/25 09:59*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*08/01/25 09:59*	*1*

Lab Sample ID: LCS 460-1053164/5
Matrix: Water
Analysis Batch: 1053164

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	18.7		ug/L		93	71 - 126
Ethylbenzene	20.0	17.3		ug/L		87	78 - 120
Toluene	20.0	18.4		ug/L		92	78 - 120
Xylenes, Total	40.0	34.0		ug/L		85	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*108*		*76 - 120*
Dibromofluoromethane (Surr)	*90*		*77 - 132*
Toluene-d8 (Surr)	*91*		*80 - 120*

Lab Sample ID: 460-331678-6 MS
Matrix: Water
Analysis Batch: 1053164

Client Sample ID: MW-12S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.45	U	20.0	19.6		ug/L		98	71 - 126
Ethylbenzene	1.0	U	20.0	16.8		ug/L		84	78 - 120
Toluene	1.0	U	20.0	18.6		ug/L		93	78 - 120
Xylenes, Total	2.0	U	40.0	33.4		ug/L		83	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 128*
4-Bromofluorobenzene	*108*		*76 - 120*
Dibromofluoromethane (Surr)	*91*		*77 - 132*
Toluene-d8 (Surr)	*89*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-331678-6 MSD
Matrix: Water
Analysis Batch: 1053164

Client Sample ID: MW-12S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.45	U	20.0	15.0		ug/L		75	71 - 126	27	30
Ethylbenzene	1.0	U	20.0	16.5		ug/L		83	78 - 120	2	30
Toluene	1.0	U	20.0	15.8		ug/L		79	78 - 120	16	30
Xylenes, Total	2.0	U	40.0	32.0		ug/L		80	80 - 120	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*76*		*70 - 128*
4-Bromofluorobenzene	*96*		*76 - 120*
Dibromofluoromethane (Surr)	*110*		*77 - 132*
Toluene-d8 (Surr)	*70*	*	*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1052770/1-A
Matrix: Water
Analysis Batch: 1052909

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1052770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		07/30/25 09:36	07/31/25 08:08	1
Acenaphthene	10	U	10	1.1	ug/L		07/30/25 09:36	07/31/25 08:08	1
Acenaphthylene	10	U	10	0.82	ug/L		07/30/25 09:36	07/31/25 08:08	1
Anthracene	10	U	10	1.3	ug/L		07/30/25 09:36	07/31/25 08:08	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		07/30/25 09:36	07/31/25 08:08	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		07/30/25 09:36	07/31/25 08:08	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		07/30/25 09:36	07/31/25 08:08	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		07/30/25 09:36	07/31/25 08:08	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		07/30/25 09:36	07/31/25 08:08	1
Chrysene	2.0	U	2.0	0.91	ug/L		07/30/25 09:36	07/31/25 08:08	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		07/30/25 09:36	07/31/25 08:08	1
Fluoranthene	10	U	10	0.84	ug/L		07/30/25 09:36	07/31/25 08:08	1
Fluorene	10	U	10	0.91	ug/L		07/30/25 09:36	07/31/25 08:08	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		07/30/25 09:36	07/31/25 08:08	1
Naphthalene	2.0	U	2.0	0.54	ug/L		07/30/25 09:36	07/31/25 08:08	1
Phenanthrene	10	U	10	1.3	ug/L		07/30/25 09:36	07/31/25 08:08	1
Pyrene	10	U	10	1.6	ug/L		07/30/25 09:36	07/31/25 08:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*38 - 139*	*07/30/25 09:36*	*07/31/25 08:08*	*1*
Nitrobenzene-d5 (Surr)	*86*		*39 - 145*	*07/30/25 09:36*	*07/31/25 08:08*	*1*
Terphenyl-d14 (Surr)	*98*		*10 - 133*	*07/30/25 09:36*	*07/31/25 08:08*	*1*

Lab Sample ID: LCS 460-1052770/2-A
Matrix: Water
Analysis Batch: 1052909

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1052770

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylnaphthalene	80.0	77.8		ug/L		97	45 - 110
Acenaphthene	80.0	72.2		ug/L		90	58 - 127

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1052770/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1052909
Prep Batch: 1052770

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthylene	80.0	75.5		ug/L		94	63 - 133
Anthracene	80.0	79.8		ug/L		100	59 - 127
Benzo[a]anthracene	80.0	81.7		ug/L		102	58 - 131
Benzo[a]pyrene	80.0	83.6		ug/L		104	63 - 148
Benzo[b]fluoranthene	80.0	79.2		ug/L		99	60 - 140
Benzo[g,h,i]perylene	80.0	83.8		ug/L		105	52 - 150
Benzo[k]fluoranthene	80.0	78.1		ug/L		98	60 - 140
Chrysene	80.0	80.8		ug/L		101	57 - 132
Dibenz(a,h)anthracene	80.0	90.7		ug/L		113	53 - 150
Fluoranthene	80.0	86.0		ug/L		108	59 - 137
Fluorene	80.0	78.4		ug/L		98	61 - 125
Indeno[1,2,3-cd]pyrene	80.0	92.5		ug/L		116	54 - 150
Naphthalene	80.0	69.1		ug/L		86	45 - 126
Phenanthrene	80.0	78.3		ug/L		98	58 - 126
Pyrene	80.0	77.2		ug/L		97	53 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*83*		*38 - 139*
Nitrobenzene-d5 (Surr)	*76*		*39 - 145*
Terphenyl-d14 (Surr)	*77*		*10 - 133*

Lab Sample ID: LCSD 460-1052770/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1052909
Prep Batch: 1052770

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylnaphthalene	80.0	89.2	*	ug/L		112	45 - 110	14	30
Acenaphthene	80.0	83.0		ug/L		104	58 - 127	14	30
Acenaphthylene	80.0	87.2		ug/L		109	63 - 133	14	30
Anthracene	80.0	90.7		ug/L		113	59 - 127	13	30
Benzo[a]anthracene	80.0	92.9		ug/L		116	58 - 131	13	30
Benzo[a]pyrene	80.0	95.9		ug/L		120	63 - 148	14	30
Benzo[b]fluoranthene	80.0	91.9		ug/L		115	60 - 140	15	30
Benzo[g,h,i]perylene	80.0	101		ug/L		127	52 - 150	19	30
Benzo[k]fluoranthene	80.0	88.3		ug/L		110	60 - 140	12	30
Chrysene	80.0	90.1		ug/L		113	57 - 132	11	30
Dibenz(a,h)anthracene	80.0	110		ug/L		138	53 - 150	20	30
Fluoranthene	80.0	99.3		ug/L		124	59 - 137	14	30
Fluorene	80.0	88.6		ug/L		111	61 - 125	12	30
Indeno[1,2,3-cd]pyrene	80.0	112		ug/L		140	54 - 150	19	30
Naphthalene	80.0	80.8		ug/L		101	45 - 126	16	30
Phenanthrene	80.0	90.2		ug/L		113	58 - 126	14	30
Pyrene	80.0	84.8		ug/L		106	53 - 137	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*95*		*38 - 139*
Nitrobenzene-d5 (Surr)	*86*		*39 - 145*
Terphenyl-d14 (Surr)	*87*		*10 - 133*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: 460-331678-6 MS
Matrix: Water
Analysis Batch: 1053160

Client Sample ID: MW-12S
Prep Type: Total/NA
Prep Batch: 1052770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylnaphthalene	10	U *	80.0	49.9		ug/L		62	45 - 110
Acenaphthene	10	U	80.0	44.8	*	ug/L		56	58 - 127
Acenaphthylene	10	U	80.0	46.7	*	ug/L		58	63 - 133
Anthracene	10	U	80.0	48.6		ug/L		61	59 - 127
Benzo[a]anthracene	1.0	U	80.0	49.2		ug/L		61	58 - 131
Benzo[a]pyrene	1.0	U	80.0	49.6	*	ug/L		62	63 - 148
Benzo[b]fluoranthene	2.0	U	80.0	50.2		ug/L		63	60 - 140
Benzo[g,h,i]perylene	10	U	80.0	43.3		ug/L		54	52 - 150
Benzo[k]fluoranthene	1.0	U	80.0	50.5		ug/L		63	60 - 140
Chrysene	2.0	U	80.0	47.5		ug/L		59	57 - 132
Dibenz(a,h)anthracene	1.0	U	80.0	44.8		ug/L		56	53 - 150
Fluoranthene	10	U	80.0	54.1		ug/L		68	59 - 137
Fluorene	10	U	80.0	48.4	*	ug/L		60	61 - 125
Indeno[1,2,3-cd]pyrene	2.0	U	80.0	46.2		ug/L		58	54 - 150
Naphthalene	2.0	U	80.0	46.1		ug/L		58	45 - 126
Phenanthrene	10	U	80.0	47.7		ug/L		60	58 - 126
Pyrene	10	U	80.0	44.8		ug/L		56	53 - 137

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*91*		*38 - 139*
Nitrobenzene-d5 (Surr)	*88*		*39 - 145*
Terphenyl-d14 (Surr)	*66*		*10 - 133*

Lab Sample ID: 460-331678-6 MSD
Matrix: Water
Analysis Batch: 1053160

Client Sample ID: MW-12S
Prep Type: Total/NA
Prep Batch: 1052770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylnaphthalene	10	U *	80.0	59.9		ug/L		75	45 - 110	18	30
Acenaphthene	10	U	80.0	52.8		ug/L		66	58 - 127	16	30
Acenaphthylene	10	U	80.0	55.3		ug/L		69	63 - 133	17	30
Anthracene	10	U	80.0	56.1		ug/L		70	59 - 127	14	30
Benzo[a]anthracene	1.0	U	80.0	55.5		ug/L		69	58 - 131	12	30
Benzo[a]pyrene	1.0	U	80.0	57.2		ug/L		72	63 - 148	14	30
Benzo[b]fluoranthene	2.0	U	80.0	57.9		ug/L		72	60 - 140	14	30
Benzo[g,h,i]perylene	10	U	80.0	50.9		ug/L		64	52 - 150	16	30
Benzo[k]fluoranthene	1.0	U	80.0	57.5		ug/L		72	60 - 140	13	30
Chrysene	2.0	U	80.0	53.8		ug/L		67	57 - 132	12	30
Dibenz(a,h)anthracene	1.0	U	80.0	52.3		ug/L		65	53 - 150	15	30
Fluoranthene	10	U	80.0	62.5		ug/L		78	59 - 137	14	30
Fluorene	10	U	80.0	57.0		ug/L		71	61 - 125	16	30
Indeno[1,2,3-cd]pyrene	2.0	U	80.0	54.6		ug/L		68	54 - 150	17	30
Naphthalene	2.0	U	80.0	55.4		ug/L		69	45 - 126	18	30
Phenanthrene	10	U	80.0	55.9		ug/L		70	58 - 126	16	30
Pyrene	10	U	80.0	51.4		ug/L		64	53 - 137	14	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*95*		*38 - 139*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-331678-6 MSD
Matrix: Water
Analysis Batch: 1053160

Client Sample ID: MW-12S
Prep Type: Total/NA
Prep Batch: 1052770

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	*92*		*39 - 145*
Terphenyl-d14 (Surr)	*70*		*10 - 133*

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 460-1052770/1-A
Matrix: Water
Analysis Batch: 1053189

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1052770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.050	U	0.050	0.014	ug/L		07/30/25 09:36	08/01/25 11:28	1
Acenaphthylene	0.050	U	0.050	0.015	ug/L		07/30/25 09:36	08/01/25 11:28	1
Anthracene	0.050	U	0.050	0.025	ug/L		07/30/25 09:36	08/01/25 11:28	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		07/30/25 09:36	08/01/25 11:28	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		07/30/25 09:36	08/01/25 11:28	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		07/30/25 09:36	08/01/25 11:28	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		07/30/25 09:36	08/01/25 11:28	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		07/30/25 09:36	08/01/25 11:28	1
Chrysene	0.050	U	0.050	0.030	ug/L		07/30/25 09:36	08/01/25 11:28	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		07/30/25 09:36	08/01/25 11:28	1
Fluoranthene	0.050	U	0.050	0.039	ug/L		07/30/25 09:36	08/01/25 11:28	1
Fluorene	0.050	U	0.050	0.012	ug/L		07/30/25 09:36	08/01/25 11:28	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		07/30/25 09:36	08/01/25 11:28	1
Naphthalene	0.20	U	0.20	0.12	ug/L		07/30/25 09:36	08/01/25 11:28	1
Phenanthrene	0.050	U	0.050	0.022	ug/L		07/30/25 09:36	08/01/25 11:28	1
Pyrene	0.050	U	0.050	0.031	ug/L		07/30/25 09:36	08/01/25 11:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*59*		*33 - 150*	*07/30/25 09:36*	*08/01/25 11:28*	*1*
Nitrobenzene-d5 (Surr)	*64*		*36 - 150*	*07/30/25 09:36*	*08/01/25 11:28*	*1*

Lab Sample ID: LCS 460-1052770/4-A
Matrix: Water
Analysis Batch: 1053189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1052770

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	2.00	0.950		ug/L		47	42 - 150
Acenaphthylene	2.00	0.948		ug/L		47	22 - 150
Anthracene	2.00	1.05		ug/L		53	22 - 150
Benzo[a]anthracene	2.00	0.966		ug/L		48	47 - 150
Benzo[a]pyrene	2.00	0.979		ug/L		49	34 - 150
Benzo[b]fluoranthene	2.00	0.998		ug/L		50	33 - 150
Benzo[g,h,i]perylene	2.00	1.02		ug/L		51	19 - 150
Benzo[k]fluoranthene	2.00	0.986		ug/L		49	30 - 150
Chrysene	2.00	0.956		ug/L		48	47 - 150
Dibenz(a,h)anthracene	2.00	1.11		ug/L		55	12 - 150
Fluoranthene	2.00	1.04		ug/L		52	36 - 150
Fluorene	2.00	1.03		ug/L		52	24 - 150

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCS 460-1052770/4-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1053189
Prep Batch: 1052770

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Indeno[1,2,3-cd]pyrene	2.00	1.13		ug/L		57	14 - 134
Naphthalene	2.00	1.03		ug/L		51	41 - 147
Phenanthrene	2.00	1.04		ug/L		52	13 - 150
Pyrene	2.00	0.977		ug/L		49	46 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*33 - 150*
Nitrobenzene-d5 (Surr)	*96*		*36 - 150*

Lab Sample ID: LCSD 460-1052770/5-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1053189
Prep Batch: 1052770

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	2.00	0.946		ug/L		47	42 - 150	0	30
Acenaphthylene	2.00	0.973		ug/L		49	22 - 150	3	30
Anthracene	2.00	1.07		ug/L		53	22 - 150	2	30
Benzo[a]anthracene	2.00	0.999		ug/L		50	47 - 150	3	30
Benzo[a]pyrene	2.00	0.987		ug/L		49	34 - 150	1	30
Benzo[b]fluoranthene	2.00	0.969		ug/L		48	33 - 150	3	30
Benzo[g,h,i]perylene	2.00	1.01		ug/L		50	19 - 150	1	30
Benzo[k]fluoranthene	2.00	0.957		ug/L		48	30 - 150	3	30
Chrysene	2.00	0.927	*	ug/L		46	47 - 150	3	30
Dibenz(a,h)anthracene	2.00	1.16		ug/L		58	12 - 150	4	30
Fluoranthene	2.00	1.14		ug/L		57	36 - 150	9	30
Fluorene	2.00	1.06		ug/L		53	24 - 150	2	30
Indeno[1,2,3-cd]pyrene	2.00	1.19		ug/L		60	14 - 134	5	30
Naphthalene	2.00	0.999		ug/L		50	41 - 147	3	30
Phenanthrene	2.00	1.02		ug/L		51	13 - 150	2	30
Pyrene	2.00	0.935		ug/L		47	46 - 150	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*33 - 150*
Nitrobenzene-d5 (Surr)	*92*		*36 - 150*

Lab Sample ID: 460-331678-6 MS
Client Sample ID: MW-12S
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1053189
Prep Batch: 1052770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	0.096		80.0	39.0		ug/L		49	42 - 150
Acenaphthylene	0.050	U	80.0	41.1		ug/L		51	22 - 150
Anthracene	0.050	U	80.0	47.3		ug/L		59	22 - 150
Benzo[a]anthracene	0.050	U	80.0	47.4		ug/L		59	47 - 150
Benzo[a]pyrene	0.050	U	80.0	51.4		ug/L		64	34 - 150
Benzo[b]fluoranthene	0.050	U	80.0	46.7		ug/L		58	33 - 150
Benzo[g,h,i]perylene	0.050	U	80.0	50.4		ug/L		63	19 - 150
Benzo[k]fluoranthene	0.050	U	80.0	46.9		ug/L		59	30 - 150

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: 460-331678-6 MS
Matrix: Water
Analysis Batch: 1053189

Client Sample ID: MW-12S
Prep Type: Total/NA
Prep Batch: 1052770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chrysene	0.050	U *	80.0	43.3		ug/L		54	47 - 150
Dibenz(a,h)anthracene	0.050	U	80.0	59.8		ug/L		75	12 - 150
Fluoranthene	0.050	U	80.0	42.1		ug/L		53	36 - 150
Fluorene	0.050	U	80.0	38.6		ug/L		48	24 - 150
Indeno[1,2,3-cd]pyrene	0.050	U	80.0	63.3		ug/L		79	14 - 134
Naphthalene	0.20	U	80.0	41.3		ug/L		52	41 - 147
Phenanthrene	0.050	U	80.0	41.2		ug/L		51	13 - 150
Pyrene	0.050	U	80.0	40.5		ug/L		51	46 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*80*		*33 - 150*
Nitrobenzene-d5 (Surr)	*95*		*36 - 150*

Lab Sample ID: 460-331678-6 MSD
Matrix: Water
Analysis Batch: 1053189

Client Sample ID: MW-12S
Prep Type: Total/NA
Prep Batch: 1052770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	0.096		80.0	40.4		ug/L		50	42 - 150	4	30
Acenaphthylene	0.050	U	80.0	42.8		ug/L		53	22 - 150	4	30
Anthracene	0.050	U	80.0	44.3		ug/L		55	22 - 150	7	30
Benzo[a]anthracene	0.050	U	80.0	43.8		ug/L		55	47 - 150	8	30
Benzo[a]pyrene	0.050	U	80.0	46.3		ug/L		58	34 - 150	10	30
Benzo[b]fluoranthene	0.050	U	80.0	42.0		ug/L		52	33 - 150	11	30
Benzo[g,h,i]perylene	0.050	U	80.0	45.3		ug/L		57	19 - 150	11	30
Benzo[k]fluoranthene	0.050	U	80.0	42.0		ug/L		53	30 - 150	11	30
Chrysene	0.050	U *	80.0	39.4		ug/L		49	47 - 150	9	30
Dibenz(a,h)anthracene	0.050	U	80.0	53.7		ug/L		67	12 - 150	11	30
Fluoranthene	0.050	U	80.0	38.9		ug/L		49	36 - 150	8	30
Fluorene	0.050	U	80.0	39.6		ug/L		50	24 - 150	3	30
Indeno[1,2,3-cd]pyrene	0.050	U	80.0	56.4		ug/L		70	14 - 134	12	30
Naphthalene	0.20	U	80.0	38.6		ug/L		48	41 - 147	7	30
Phenanthrene	0.050	U	80.0	38.5		ug/L		48	13 - 150	7	30
Pyrene	0.050	U	80.0	37.3		ug/L		47	46 - 150	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*75*		*33 - 150*
Nitrobenzene-d5 (Surr)	*79*		*36 - 150*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	Surrogate is outside acceptance limits.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Analysis Batch: 1053164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-331678-1	TB-07282025	Total/NA	Water	8260D	
460-331678-2	MW-10S	Total/NA	Water	8260D	
460-331678-3	MW-1	Total/NA	Water	8260D	
460-331678-4	MW-14S	Total/NA	Water	8260D	
460-331678-5	MW-7S	Total/NA	Water	8260D	
460-331678-6	MW-12S	Total/NA	Water	8260D	
460-331678-7	MW-12D	Total/NA	Water	8260D	
460-331678-8	DUP-01	Total/NA	Water	8260D	
460-331678-9	FB-07282025	Total/NA	Water	8260D	
MB 460-1053164/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1053164/5	Lab Control Sample	Total/NA	Water	8260D	
460-331678-6 MS	MW-12S	Total/NA	Water	8260D	
460-331678-6 MSD	MW-12S	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1052770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-331678-2	MW-10S	Total/NA	Water	3510C	
460-331678-3	MW-1	Total/NA	Water	3510C	
460-331678-4	MW-14S	Total/NA	Water	3510C	
460-331678-5	MW-7S	Total/NA	Water	3510C	
460-331678-6	MW-12S	Total/NA	Water	3510C	
460-331678-7	MW-12D	Total/NA	Water	3510C	
460-331678-8	DUP-01	Total/NA	Water	3510C	
460-331678-9	FB-07282025	Total/NA	Water	3510C	
MB 460-1052770/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1052770/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 460-1052770/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1052770/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 460-1052770/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-331678-6 MS	MW-12S	Total/NA	Water	3510C	
460-331678-6 MSD	MW-12S	Total/NA	Water	3510C	

Analysis Batch: 1052909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1052770/1-A	Method Blank	Total/NA	Water	8270E	1052770
LCS 460-1052770/2-A	Lab Control Sample	Total/NA	Water	8270E	1052770
LCSD 460-1052770/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1052770

Analysis Batch: 1053160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-331678-2	MW-10S	Total/NA	Water	8270E	1052770
460-331678-3	MW-1	Total/NA	Water	8270E	1052770
460-331678-4	MW-14S	Total/NA	Water	8270E	1052770
460-331678-5	MW-7S	Total/NA	Water	8270E	1052770
460-331678-6	MW-12S	Total/NA	Water	8270E	1052770
460-331678-7	MW-12D	Total/NA	Water	8270E	1052770
460-331678-8	DUP-01	Total/NA	Water	8270E	1052770
460-331678-9	FB-07282025	Total/NA	Water	8270E	1052770
460-331678-6 MS	MW-12S	Total/NA	Water	8270E	1052770

GC/MS Semi VOA (Continued)

Analysis Batch: 1053160 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-331678-6 MSD	MW-12S	Total/NA	Water	8270E	1052770

Analysis Batch: 1053189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-331678-2	MW-10S	Total/NA	Water	8270E SIM	1052770
460-331678-3	MW-1	Total/NA	Water	8270E SIM	1052770
460-331678-4	MW-14S	Total/NA	Water	8270E SIM	1052770
460-331678-5	MW-7S	Total/NA	Water	8270E SIM	1052770
460-331678-6	MW-12S	Total/NA	Water	8270E SIM	1052770
460-331678-7	MW-12D	Total/NA	Water	8270E SIM	1052770
460-331678-8	DUP-01	Total/NA	Water	8270E SIM	1052770
460-331678-9	FB-07282025	Total/NA	Water	8270E SIM	1052770
MB 460-1052770/1-A	Method Blank	Total/NA	Water	8270E SIM	1052770
LCS 460-1052770/4-A	Lab Control Sample	Total/NA	Water	8270E SIM	1052770
LCSD 460-1052770/5-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	1052770
460-331678-6 MS	MW-12S	Total/NA	Water	8270E SIM	1052770
460-331678-6 MSD	MW-12S	Total/NA	Water	8270E SIM	1052770

Client Sample ID: TB-07282025
Lab Sample ID: 460-331678-1
Date Collected: 07/28/25 00:00
Matrix: Water
Date Received: 07/29/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 10:23

Client Sample ID: MW-10S
Lab Sample ID: 460-331678-2
Date Collected: 07/28/25 09:15
Matrix: Water
Date Received: 07/29/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 11:37
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E		1	1053160	DXD	EET EDI	08/01/25 07:48
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E SIM		1	1053189	DXD	EET EDI	08/01/25 14:59

Client Sample ID: MW-1
Lab Sample ID: 460-331678-3
Date Collected: 07/28/25 09:55
Matrix: Water
Date Received: 07/29/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 12:01
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E		1	1053160	DXD	EET EDI	08/01/25 08:09
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E SIM		1	1053189	DXD	EET EDI	08/01/25 15:21

Client Sample ID: MW-14S
Lab Sample ID: 460-331678-4
Date Collected: 07/28/25 10:55
Matrix: Water
Date Received: 07/29/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 12:26
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E		1	1053160	DXD	EET EDI	08/01/25 08:31
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E SIM		1	1053189	DXD	EET EDI	08/01/25 15:42

Client Sample ID: MW-7S
Lab Sample ID: 460-331678-5
Date Collected: 07/28/25 11:50
Matrix: Water
Date Received: 07/29/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 12:50
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E		1	1053160	DXD	EET EDI	08/01/25 08:52
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E SIM		1	1053189	DXD	EET EDI	08/01/25 16:03

Lab Chronicle

Client: GEI Consultants Inc
Job ID: 460-331678-1
Project/Site: National Grid Downstate Patchogue

Client Sample ID: MW-12S
Lab Sample ID: 460-331678-6
Date Collected: 07/28/25 12:45
Matrix: Water
Date Received: 07/29/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 11:12
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E		1	1053160	DXD	EET EDI	08/01/25 10:17
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E SIM		1	1053189	DXD	EET EDI	08/01/25 17:27

Client Sample ID: MW-12D
Lab Sample ID: 460-331678-7
Date Collected: 07/28/25 13:50
Matrix: Water
Date Received: 07/29/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 13:15
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E		1	1053160	DXD	EET EDI	08/01/25 09:13
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E SIM		1	1053189	DXD	EET EDI	08/01/25 16:24

Client Sample ID: DUP-01
Lab Sample ID: 460-331678-8
Date Collected: 07/28/25 00:00
Matrix: Water
Date Received: 07/29/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 13:39
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E		1	1053160	DXD	EET EDI	08/01/25 09:34
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E SIM		1	1053189	DXD	EET EDI	08/01/25 16:45

Client Sample ID: FB-07282025
Lab Sample ID: 460-331678-9
Date Collected: 07/28/25 14:00
Matrix: Water
Date Received: 07/29/25 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 10:48
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E		1	1053160	DXD	EET EDI	08/01/25 09:55
Total/NA	Prep	3510C			1052770	BXP	EET EDI	07/31/25 10:36
Total/NA	Analysis	8270E SIM		1	1053189	DXD	EET EDI	08/01/25 17:06

Laboratory References:
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: GEI Consultants Inc
Job ID: 460-331678-1
Project/Site: National Grid Downstate Patchogue

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
524FREONS_00033	05/15/25	04/15/25	MeOH, Lot EI863-US	10 mL	7 Freons_00008	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00008	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00027	05/17/25	04/17/25	MeOH, Lot EI863-US	5 mL	7 Freons_00008	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00008	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00192	05/29/25	04/29/25	MeOH, Lot EI836-US	10 mL	Mega Mix SS_00022	200 uL	Benzene	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							o-Xylene	50 ug/mL
							Toluene	50 ug/mL
							Xylenes, Total	100 ug/mL
.Mega Mix SS_00022	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		Benzene	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							o-Xylene	2500 ug/mL
							Toluene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260ISNEW_00210	09/30/29		RESTEK, Lot A0217062		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
8260ISNEW_00213	04/30/30		RESTEK, Lot A0224544		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							TBA-d9 (IS)	5000 ug/mL
8260MIX1COMB_00205	06/06/25	05/06/25	MeOH, Lot EJ660-US	50 mL	EPICH(working_00015	0.5 mL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00026	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00031	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00025	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00106	1 mL	Vinyl acetate	100 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00026	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00025	07/31/26		RESTEK, Lot A0221376		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00106	08/31/26		RESTEK, Lot A0222118		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00205	06/06/25	05/06/25	MeOH, Lot EJ660-US	50 mL	Mega Mix_00043	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
8260MIX1COMB_00208	08/01/25	07/01/25	MeOH, Lot EJ660-US	50 mL	Mega Mix_00044	1 mL	Benzene	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							o-Xylene	50 ug/mL
							Toluene	50 ug/mL
							Xylenes, Total	100 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Benzene	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							o-Xylene	2500 ug/mL
							Toluene	2500 ug/mL
							Xylenes, Total	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
8260SURR250_00254	06/11/25	04/11/25	MeOH, Lot EI863-US	50 mL	8260 SURR C_00069	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.8260 SURR C_00069	05/31/29	RESTEK, Lot A0211048			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
8260SURR250_00255	08/10/25	06/10/25	MeOH, Lot EJ660-US	50 mL	8260 SURR C_00070	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.8260 SURR C_00070	05/31/29	RESTEK, Lot A0211048			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
8270_3511_L1_00001	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SM_8270_surr_00015	18 uL	2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
					SM_ISTD_00197	36 uL	1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
					SV_BNA_L2_00007	200 uL	2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							2-tertbutyl-4-methylphenol	0.02 ug/mL
							n,n'-Dimethylaniline	0.02 ug/mL
							N-Methylaniline	0.02 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	0.02 ug/mL
							3,3'-Dichlorobenzidine	0.02 ug/mL
							Benzidine	0.02 ug/mL
							1,1'-Biphenyl	0.02 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	0.02 ug/mL
							1,2-Dichlorobenzene	0.02 ug/mL
							1,2-Diphenylhydrazine	0.02 ug/mL
							1,3-Dichlorobenzene	0.02 ug/mL
							1,4-Dichlorobenzene	0.02 ug/mL
							1,4-Dioxane	0.02 ug/mL
							1-Methylnaphthalene	0.02 ug/mL
							2,4,6-Trichlorophenol	0.02 ug/mL
							2,4-Dinitrotoluene	0.02 ug/mL
							2,6-Dinitrotoluene	0.02 ug/mL
							2-Methylnaphthalene	0.02 ug/mL
							4-Chloroaniline	0.02 ug/mL
							Aniline	0.02 ug/mL
							Benzo[a]anthracene	0.02 ug/mL
							Benzo[a]pyrene	0.02 ug/mL
							Benzo[b]fluoranthene	0.02 ug/mL
							Benzo[g,h,i]perylene	0.02 ug/mL
							Benzo[k]fluoranthene	0.02 ug/mL
							Bis(2-chloroethyl)ether	0.02 ug/mL
							Bis(2-ethylhexyl) phthalate	0.02 ug/mL
							Chrysene	0.02 ug/mL
							Dibenz(a,h)anthracene	0.02 ug/mL
							Hexachlorobenzene	0.02 ug/mL
							Hexachlorobutadiene	0.02 ug/mL
							Hexachloroethane	0.02 ug/mL
							Indeno[1,2,3-cd]pyrene	0.02 ug/mL
							Isophorone	0.02 ug/mL
							N-Nitrosodi-n-propylamine	0.02 ug/mL
							Naphthalene	0.02 ug/mL
							Nitrobenzene	0.02 ug/mL
							Pyrene	0.02 ug/mL
							Pyridine	0.04 ug/mL
.SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
.SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SV_BNA_L2_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	50 mL	SM_8270_surr_00015	500 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	25 uL	2-tertbutyl-4-methylphenol	1 ug/mL
							n,n'-Dimethylaniline	1 ug/mL
							N-Methylaniline	1 ug/mL
					SM_ISTD_00197	1000 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	25 uL	Atrazine	1 ug/mL
					SM_std #9BNA_00025	25 uL	3,3'-Dichlorobenzidine	1 ug/mL
							Benzidine	1 ug/mL
					SM_STD#1mega_00027	50 uL	1,1'-Biphenyl	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL
							1,3-Dichlorobenzene	1 ug/mL
							1,4-Dichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							4-Chloroaniline	1 ug/mL
							Aniline	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Chrysene	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							Naphthalene	1 ug/mL
							Nitrobenzene	1 ug/mL
							Pyrene	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyridine	2 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		2-tertbutyl-4-methylphenol	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							Aniline	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Chrysene	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodi-n-propylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
8270_3511_L2_00001	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L2_00007	2 mL	2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	0.2 ug/mL
							2-tertbutyl-4-methylphenol	0.2 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	0.2 ug/mL
							Carbamazepine	0.2 ug/mL
							Coumarin	0.2 ug/mL
							n,n'-Dimethylaniline	0.2 ug/mL
							N-Methylaniline	0.2 ug/mL
							Pentachloronitrobenzene	0.2 ug/mL
							Phenyl ether	0.2 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	0.2 ug/mL
							Benzaldehyde	0.2 ug/mL
							Caprolactam	0.2 ug/mL
							3,3'-Dichlorobenzidine	0.2 ug/mL
							Benzidine	0.2 ug/mL
							1,1'-Biphenyl	0.2 ug/mL
							1,2,4,5-Tetrachlorobenzene	0.2 ug/mL
							1,2,4-Trichlorobenzene	0.2 ug/mL
							1,2-Dichlorobenzene	0.2 ug/mL
							1,2-Diphenylhydrazine	0.2 ug/mL
							1,3-Dichlorobenzene	0.2 ug/mL
							1,4-Dichlorobenzene	0.2 ug/mL
							1,4-Dioxane	0.2 ug/mL
							1-Methylnaphthalene	0.2 ug/mL
							2,2'-oxybis[1-chloropropane]	0.2 ug/mL
							2,3,4,6-Tetrachlorophenol	0.2 ug/mL
							2,4,5-Trichlorophenol	0.2 ug/mL
							2,4,6-Trichlorophenol	0.2 ug/mL
							2,4-Dichlorophenol	0.2 ug/mL
							2,4-Dimethylphenol	0.2 ug/mL
							2,4-Dinitrophenol	0.4 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrotoluene	0.2 ug/mL
							2,6-Dichlorophenol	0.2 ug/mL
							2,6-Dinitrotoluene	0.2 ug/mL
							2-Chloronaphthalene	0.2 ug/mL
							2-Chlorophenol	0.2 ug/mL
							2-Methylnaphthalene	0.2 ug/mL
							2-Methylphenol	0.2 ug/mL
							2-Nitroaniline	0.2 ug/mL
							2-Nitrophenol	0.2 ug/mL
							3 & 4 Methylphenol	0.2 ug/mL
							3-Nitroaniline	0.2 ug/mL
							4,6-Dinitro-2-methylphenol	0.4 ug/mL
							4-Bromophenyl phenyl ether	0.2 ug/mL
							4-Chloro-3-methylphenol	0.2 ug/mL
							4-Chloroaniline	0.2 ug/mL
							4-Chlorophenyl phenyl ether	0.2 ug/mL
							4-Methylphenol	0.2 ug/mL
							4-Nitroaniline	0.2 ug/mL
							4-Nitrophenol	0.4 ug/mL
							Acenaphthene	0.2 ug/mL
							Acenaphthylene	0.2 ug/mL
							Acetophenone	0.2 ug/mL
							Aniline	0.2 ug/mL
							Anthracene	0.2 ug/mL
							Azobenzene	0.2 ug/mL
							Benzo[a]anthracene	0.2 ug/mL
							Benzo[a]pyrene	0.2 ug/mL
							Benzo[b]fluoranthene	0.2 ug/mL
							Benzo[g,h,i]perylene	0.2 ug/mL
							Benzo[k]fluoranthene	0.2 ug/mL
							Benzyl alcohol	0.2 ug/mL
							Bis(2-chloroethoxy)methane	0.2 ug/mL
							Bis(2-chloroethyl)ether	0.2 ug/mL
							Bis(2-ethylhexyl) phthalate	0.2 ug/mL
							Butyl benzyl phthalate	0.2 ug/mL
							Carbazole	0.2 ug/mL
							Chrysene	0.2 ug/mL
							Di-n-butyl phthalate	0.2 ug/mL
							Di-n-octyl phthalate	0.2 ug/mL
							Dibenz(a,h)anthracene	0.2 ug/mL
							Dibenzofuran	0.2 ug/mL
							Diethyl phthalate	0.2 ug/mL
							Dimethyl phthalate	0.2 ug/mL
							Fluoranthene	0.2 ug/mL
							Fluorene	0.2 ug/mL
							Hexachlorobenzene	0.2 ug/mL
							Hexachlorobutadiene	0.2 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorocyclopentadiene	0.2 ug/mL
							Hexachloroethane	0.2 ug/mL
							Indeno[1,2,3-cd]pyrene	0.2 ug/mL
							Isophorone	0.2 ug/mL
							n-Decane	0.2 ug/mL
							N-Nitrosodi-n-propylamine	0.2 ug/mL
							N-Nitrosodimethylamine	0.2 ug/mL
							N-Nitrosodiphenylamine	0.2 ug/mL
							n-Octadecane	0.2 ug/mL
							Naphthalene	0.2 ug/mL
							Nitrobenzene	0.2 ug/mL
							Pentachlorophenol	0.4 ug/mL
							Phenanthrene	0.2 ug/mL
							Phenol	0.2 ug/mL
							Pyrene	0.2 ug/mL
							Pyridine	0.4 ug/mL
.SV_BNA_L2_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	50 mL	SM_8270_surr_00015	500 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	25 uL	1,3-Dimethylnaphthalene	1 ug/mL
							2-tertbutyl-4-methylphenol	1 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	1 ug/mL
							Carbamazepine	1 ug/mL
							Coumarin	1 ug/mL
							n,n'-Dimethylaniline	1 ug/mL
							N-Methylaniline	1 ug/mL
							Pentachloronitrobenzene	1 ug/mL
							Phenyl ether	1 ug/mL
					SM_ISTD_00197	1000 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	25 uL	Atrazine	1 ug/mL
							Benzaldehyde	1 ug/mL
							Caprolactam	1 ug/mL
					SM_std #9BNA_00025	25 uL	3,3'-Dichlorobenzidine	1 ug/mL
							Benzidine	1 ug/mL
					SM_STD#1mega_00027	50 uL	1,1'-Biphenyl	1 ug/mL
							1,2,4,5-Tetrachlorobenzene	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	1 ug/mL
							1,4-Dichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2,2'-oxybis[1-chloropropane]	1 ug/mL
							2,3,4,6-Tetrachlorophenol	1 ug/mL
							2,4,5-Trichlorophenol	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dichlorophenol	1 ug/mL
							2,4-Dimethylphenol	1 ug/mL
							2,4-Dinitrophenol	2 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dichlorophenol	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Chloronaphthalene	1 ug/mL
							2-Chlorophenol	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							2-Methylphenol	1 ug/mL
							2-Nitroaniline	1 ug/mL
							2-Nitrophenol	1 ug/mL
							3 & 4 Methylphenol	1 ug/mL
							3-Nitroaniline	1 ug/mL
							4,6-Dinitro-2-methylphenol	2 ug/mL
							4-Bromophenyl phenyl ether	1 ug/mL
							4-Chloro-3-methylphenol	1 ug/mL
							4-Chloroaniline	1 ug/mL
							4-Chlorophenyl phenyl ether	1 ug/mL
							4-Methylphenol	1 ug/mL
							4-Nitroaniline	1 ug/mL
							4-Nitrophenol	2 ug/mL
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Acetophenone	1 ug/mL
							Aniline	1 ug/mL
							Anthracene	1 ug/mL
							Azobenzene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Benzyl alcohol	1 ug/mL
							Bis(2-chloroethoxy)methane	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Butyl benzyl phthalate	1 ug/mL
							Carbazole	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene	1 ug/mL
							Di-n-butyl phthalate	1 ug/mL
							Di-n-octyl phthalate	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Dibenzofuran	1 ug/mL
							Diethyl phthalate	1 ug/mL
							Dimethyl phthalate	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							n-Decane	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							N-Nitrosodiphenylamine	1 ug/mL
							n-Octadecane	1 ug/mL
							Naphthalene	1 ug/mL
							Nitrobenzene	1 ug/mL
							Pentachlorophenol	2 ug/mL
							Phenanthrene	1 ug/mL
							Phenol	1 ug/mL
							Pyrene	1 ug/mL
							Pyridine	2 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
ACROLEIN W_00183	06/09/25	05/09/25	MeOH, Lot EJ660-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00137	05/27/25	04/27/25	MeOH, Lot EI863-US	10 mL	Acrylonitrile_00010	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00015	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00010	06/15/26		ABSOLUTE, Lot 061523		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
BFB_00039							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	500 uL	4-Bromofluorobenzene	25 ug/mL
							BFB	25 ug/mL
.VMC21SU_00011	03/08/27	Absolute, Lot 030822			(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00101	05/17/25	04/17/25	MeOH, Lot EI863-US	5 mL	ETHANOL(new)_00026	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00026	01/31/28	RESTEK, Lot A0220852			(Purchased Reagent)		Ethanol	100000 ug/mL
GAS Hi_00495	05/20/25	05/06/25	MeOH, Lot EJ660-US	5 mL	GASES C_00042	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00042	05/31/27	RESTEK, Lot A0211969			(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00641	05/16/25	05/09/25	MeOH, Lot EJ660-US	25 mL	GASES C_00042	500 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00042	05/31/27	RESTEK, Lot A0211969			(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00161	05/17/25	04/17/25	MeOH, Lot EI863-US	5 mL	Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00025	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00025	07/31/26		RESTEK, Lot A0221376		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00188	05/17/25	04/17/25	MeOH, Lot EI863-US	5 mL	EPICH(working_00015	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00031	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chlorodibromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromomethane	500 ug/mL
							Dichlorobromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00106	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00106	08/31/26		RESTEK, Lot A0222118		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
OP_Benzald_sp_00023	11/30/25		RESTEK, Lot A0212130		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
OP_BNA SIM SP_00036	08/28/25	01/28/25	Acetone, Lot 131184	100 mL	OP_BNA SPIK_00055	10 mL	1,3-Dimethylnaphthalene	10 ug/mL
							2-tertbutyl-4-methylphenol	10 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	10 ug/mL
							Benzonitrile	10 ug/mL
							Carbamazepine	10 ug/mL
							Coumarin	10 ug/mL
							n,n'-Dimethylaniline	10 ug/mL
							N-Methylaniline	10 ug/mL
							Pentachloronitrobenzene	10 ug/mL
							Phenyl ether	10 ug/mL
							Bisphenol-A	5 ug/mL
							Benzoic acid	10 ug/mL
							Indene	10 ug/mL
							1,1'-Biphenyl	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,3-Dinitrobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,2'-oxybis[1-chloropropane]	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Methylphenol	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Hexadecane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							n-Decane	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							n-Octadecane	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							Pyridine	20 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
.OP_BNA SPIK_00055	08/30/25	01/28/25	Acetone, Lot 131184	200 mL	OP_Agilent456_00008	10 mL	1,3-Dimethylnaphthalene	100 ug/mL
							2-tertbutyl-4-methylphenol	100 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	100 ug/mL
							Benzonitrile	100 ug/mL
							Carbamazepine	100 ug/mL
							Coumarin	100 ug/mL
							n,n'-Dimethylaniline	100 ug/mL
							N-Methylaniline	100 ug/mL
							Pentachloronitrobenzene	100 ug/mL
							Phenyl ether	100 ug/mL
					OP_Agilent457_00005	10 mL	Bisphenol-A	50 ug/mL
					OP_BenzAcid_00016	10 mL	Benzoic acid	100 ug/mL
							Indene	100 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					OP_MEGA_2017_00016	20 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,2'-oxybis[1-chloropropane]	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Methylphenol	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	200 ug/mL
					OP_std #1_BNA_00015	10 mL	3,3'-Dichlorobenzidine	100 ug/mL
							Benzidine	100 ug/mL
..OP_Agilent456_00008	11/30/25		Agilent, Lot 6767192		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Benzonitrile	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..OP_Agilent457_00005	11/30/25		Agilent, Lot 6767004		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..OP_BenzAcid_00016	09/30/25		Restek, Lot A0209261		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..OP_MEGA_2017_00016	11/30/25		Restek, Lot A02010619		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
..OP_std #1_BNA_00015	09/30/25		Restek, Lot A020147867		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
OP_BNA SPIK_00055	08/30/25	01/28/25	Acetone, Lot 131184	200 mL	OP_Agilent456_00008	10 mL	1,3-Dimethylnaphthalene	100 ug/mL
							2-tertbutyl-4-methylphenol	100 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	100 ug/mL
							Benzonitrile	100 ug/mL
							Carbamazepine	100 ug/mL
							Coumarin	100 ug/mL
							n,n'-Dimethylaniline	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Methylaniline	100 ug/mL
							Pentachloronitrobenzene	100 ug/mL
							Phenyl ether	100 ug/mL
					OP_Agilent457_00005	10 mL	Bisphenol-A	50 ug/mL
					OP_BenzAcid_00016	10 mL	Benzoic acid	100 ug/mL
							Indene	100 ug/mL
					OP_MEGA_2017_00016	20 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,2'-oxybis[1-chloropropane]	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Methylphenol	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	200 ug/mL
					OP_std #1_BNA_00015	10 mL	3,3'-Dichlorobenzidine	100 ug/mL
							Benzidine	100 ug/mL
.OP_Agilent456_00008	11/30/25		Agilent, Lot 6767192		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Benzonitrile	2000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
.OP_Agilent457_00005	11/30/25		Agilent, Lot 6767004		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
.OP_BenzAcid_00016	09/30/25		Restek, Lot A0209261		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
.OP_MEGA_2017_00016	11/30/25		Restek, Lot A02010619		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
.OP_std #1_BNA_00015	09/30/25	Restek, Lot A020147867			(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
OP_BNASurroga_00031	10/30/25	01/02/25	Acetone, Lot 23H2462011	1000 mL	OP_BNA_SURR_00014	20 mL	2,4,6-Tribromophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl	100 ug/mL
							2-Fluorophenol	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
.OP_BNA_SURR_00014	10/30/25		Agilent, Lot 6910257		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SM_ISTD_LVI_00198	03/30/26	03/19/25	MeCl2, Lot 1062005	50 mL	SM_ISTD_00197	10 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
.SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_SIMICV_LVI_00038	04/10/26	05/09/25	MeCl2, Lot 2162002	10 mL	SM_SIM_D8-ICV_00025	2 mL	1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.SM_SIM_D8-ICV_00025	04/10/26	05/09/25	MeCl2, Lot 2562011	10 mL	SM_SIMICALIS_00020	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
SM_SIMICV_LVI_00038	04/10/26	05/09/25	MeCl2, Lot 2162002	10 mL	SM_SIM_D8-ICV_00025	2 mL	Acenaphthene	0.2 ug/mL
							Acenaphthylene	0.2 ug/mL
							Anthracene	0.2 ug/mL
							Benzo[a]anthracene	0.2 ug/mL
							Benzo[a]pyrene	0.2 ug/mL
							Benzo[b]fluoranthene	0.2 ug/mL
							Benzo[g,h,i]perylene	0.2 ug/mL
							Benzo[k]fluoranthene	0.2 ug/mL
							Chrysene	0.2 ug/mL
							Dibenz(a,h)anthracene	0.2 ug/mL
							Fluoranthene	0.2 ug/mL
							Fluorene	0.2 ug/mL
							Indeno[1,2,3-cd]pyrene	0.2 ug/mL
							Naphthalene	0.2 ug/mL
							Phenanthrene	0.2 ug/mL
							Pyrene	0.2 ug/mL
.SM_SIM_D8-ICV_00025	04/10/26	05/09/25	MeCl2, Lot 2562011	10 mL	SM_PAHmixS2nd_00012	100 uL	Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Anthracene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Chrysene	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Naphthalene	1 ug/mL
							Phenanthrene	1 ug/mL
							Pyrene	1 ug/mL
..SM_PAHmixS2nd_00012	07/16/26	accustandard, Lot 222051256-01			(Purchased Reagent)		Acenaphthene	0.1 mg/mL
							Acenaphthylene	0.1 mg/mL
							Anthracene	0.1 mg/mL
							Benzo[a]anthracene	0.1 mg/mL
							Benzo[a]pyrene	0.1 mg/mL
							Benzo[b]fluoranthene	0.1 mg/mL
							Benzo[g,h,i]perylene	0.1 mg/mL
							Benzo[k]fluoranthene	0.1 mg/mL
							Chrysene	0.1 mg/mL
							Dibenz(a,h)anthracene	0.1 mg/mL
							Fluoranthene	0.1 mg/mL
							Fluorene	0.1 mg/mL
							Indeno[1,2,3-cd]pyrene	0.1 mg/mL
							Naphthalene	0.1 mg/mL
							Phenanthrene	0.1 mg/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	0.1 mg/mL
SM_SIMISTDLVI_00036	05/31/26	05/14/25	MeCl2, Lot 2162002	50 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
.SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL1_00021	05/31/26	05/14/25	MeCl2, Lot 2562011	10 mL	IC-SIM+surrL1_00022	400 uL	4,6-Dinitro-2-methylphenol	0.008 ug/mL
							Bis(2-chloroethyl)ether	0.0004 ug/mL
							Hexachlorobenzene	0.0004 ug/mL
							N-Nitrosodimethylamine	0.004 ug/mL
							1,4-Dioxane	0.004 ug/mL
							Acenaphthene	0.001 ug/mL
							Acenaphthylene	0.001 ug/mL
							Anthracene	0.001 ug/mL
							Benzo[a]anthracene	0.001 ug/mL
							Benzo[a]pyrene	0.001 ug/mL
							Benzo[b]fluoranthene	0.001 ug/mL
							Benzo[g,h,i]perylene	0.001 ug/mL
							Benzo[k]fluoranthene	0.001 ug/mL
							Chrysene	0.001 ug/mL
							Dibenz(a,h)anthracene	0.001 ug/mL
							Fluoranthene	0.001 ug/mL
							Fluorene	0.001 ug/mL
							Indeno[1,2,3-cd]pyrene	0.001 ug/mL
							Naphthalene	0.001 ug/mL
							Phenanthrene	0.001 ug/mL
							Pyrene	0.001 ug/mL
							Pentachlorophenol	0.0032 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
					SM_SIMISTDLVI_00036	160 uL	1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.IC-SIM+surrL1_00022	05/31/26	05/14/25	MeCl2, Lot 2162002	25 mL	SM_4,6-DC-10X_00003	5 uL	4,6-Dinitro-2-methylphenol	0.2 ug/mL
					SM_BCEE_SIM_00013	2.5 uL	Bis(2-chloroethyl)ether	0.01 ug/mL
					SM_HexaCB_00015	2.5 uL	Hexachlorobenzene	0.01 ug/mL
					SM_N-Nitro_00019	25 uL	N-Nitrosodimethylamine	0.1 ug/mL
					SM_p-Dioxane_00032	25 uL	1,4-Dioxane	0.1 ug/mL
					SM_PAHmixS_00021	6.25 uL	Acenaphthene	0.025 ug/mL
							Acenaphthylene	0.025 ug/mL
							Anthracene	0.025 ug/mL
							Benzo[a]anthracene	0.025 ug/mL
							Benzo[a]pyrene	0.025 ug/mL
							Benzo[b]fluoranthene	0.025 ug/mL
							Benzo[g,h,i]perylene	0.025 ug/mL
							Benzo[k]fluoranthene	0.025 ug/mL
							Chrysene	0.025 ug/mL
							Dibenz(a,h)anthracene	0.025 ug/mL
							Fluoranthene	0.025 ug/mL
							Fluorene	0.025 ug/mL
							Indeno[1,2,3-cd]pyrene	0.025 ug/mL
							Naphthalene	0.025 ug/mL
							Phenanthrene	0.025 ug/mL
							Pyrene	0.025 ug/mL
					SM_Penta_00014	2 uL	Pentachlorophenol	0.08 ug/mL
					SM_SIMICALIS_00020	250 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SM_SIMISTDLVI_00036	05/31/26	05/14/25	MeCl2, Lot 2162002	50 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL2_00021	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	IC-SIM+surrL1_00022	2 mL	4,6-Dinitro-2-methylphenol	0.04 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	0.002 ug/mL
							Hexachlorobenzene	0.002 ug/mL
							N-Nitrosodimethylamine	0.02 ug/mL
							1,4-Dioxane	0.02 ug/mL
							Acenaphthene	0.005 ug/mL
							Acenaphthylene	0.005 ug/mL
							Anthracene	0.005 ug/mL
							Benzo[a]anthracene	0.005 ug/mL
							Benzo[a]pyrene	0.005 ug/mL
							Benzo[b]fluoranthene	0.005 ug/mL
							Benzo[g,h,i]perylene	0.005 ug/mL
							Benzo[k]fluoranthene	0.005 ug/mL
							Chrysene	0.005 ug/mL
							Dibenz(a,h)anthracene	0.005 ug/mL
							Fluoranthene	0.005 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluorene	0.005 ug/mL
							Indeno[1,2,3-cd]pyrene	0.005 ug/mL
							Naphthalene	0.005 ug/mL
							Phenanthrene	0.005 ug/mL
							Pyrene	0.005 ug/mL
							Pentachlorophenol	0.016 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL1_00022	05/31/26	05/14/25	MeCl2, Lot 2162002	25 mL	SM_4,6-DC-10X_00003	5 uL	4,6-Dinitro-2-methylphenol	0.2 ug/mL
					SM_8270_surr_00015	25 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00013	2.5 uL	Bis(2-chloroethyl)ether	0.01 ug/mL
					SM_HexaCB_00015	2.5 uL	Hexachlorobenzene	0.01 ug/mL
					SM_N-Nitro_00019	25 uL	N-Nitrosodimethylamine	0.1 ug/mL
					SM_p-Dioxane_00032	25 uL	1,4-Dioxane	0.1 ug/mL
					SM_PAHmixS_00021	6.25 uL	Acenaphthene	0.025 ug/mL
							Acenaphthylene	0.025 ug/mL
							Anthracene	0.025 ug/mL
							Benzo[a]anthracene	0.025 ug/mL
							Benzo[a]pyrene	0.025 ug/mL
							Benzo[b]fluoranthene	0.025 ug/mL
							Benzo[g,h,i]perylene	0.025 ug/mL
							Benzo[k]fluoranthene	0.025 ug/mL
							Chrysene	0.025 ug/mL
							Dibenz(a,h)anthracene	0.025 ug/mL
							Fluoranthene	0.025 ug/mL
							Fluorene	0.025 ug/mL
							Indeno[1,2,3-cd]pyrene	0.025 ug/mL
							Naphthalene	0.025 ug/mL
							Phenanthrene	0.025 ug/mL
							Pyrene	0.025 ug/mL
					SM_Penta_00014	2 uL	Pentachlorophenol	0.08 ug/mL
					SM_SIMICALIS_00020	250 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL3_00024	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	IC-SIM+surrL3_00024	2 mL	4,6-Dinitro-2-methylphenol	0.2 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	0.02 ug/mL
							Hexachlorobenzene	0.02 ug/mL
							N-Nitrosodimethylamine	0.1 ug/mL
							1,4-Dioxane	0.2 ug/mL
							Acenaphthene	0.02 ug/mL
							Acenaphthylene	0.02 ug/mL
							Anthracene	0.02 ug/mL
							Benzo[a]anthracene	0.02 ug/mL
							Benzo[a]pyrene	0.02 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[b]fluoranthene	0.02 ug/mL
							Benzo[g,h,i]perylene	0.02 ug/mL
							Benzo[k]fluoranthene	0.02 ug/mL
							Chrysene	0.02 ug/mL
							Dibenz(a,h)anthracene	0.02 ug/mL
							Fluoranthene	0.02 ug/mL
							Fluorene	0.02 ug/mL
							Indeno[1,2,3-cd]pyrene	0.02 ug/mL
							Naphthalene	0.02 ug/mL
							Phenanthrene	0.02 ug/mL
							Pyrene	0.02 ug/mL
							Pentachlorophenol	0.1 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL3_00024	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	SM_4,6-DC-10X_00003	10 uL	4,6-Dinitro-2-methylphenol	1 ug/mL
					SM_8270_surr_00015	10 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00013	10 uL	Bis(2-chloroethyl)ether	0.1 ug/mL
					SM_HexaCB_00015	10 uL	Hexachlorobenzene	0.1 ug/mL
					SM_N-Nitro_00019	50 uL	N-Nitrosodimethylamine	0.5 ug/mL
					SM_p-Dioxane_00032	100 uL	1,4-Dioxane	1 ug/mL
					SM_PAHmixS_00021	10 uL	Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL
							Anthracene	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Chrysene	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Fluoranthene	0.1 ug/mL
							Fluorene	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Phenanthrene	0.1 ug/mL
							Pyrene	0.1 ug/mL
					SM_Penta_00014	5 uL	Pentachlorophenol	0.5 ug/mL
					SM_SIMICALIS_00020	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL4_00020	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	IC-SIM+surrL4_00020	2 mL	4,6-Dinitro-2-methylphenol	0.4 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	0.2 ug/mL
							Hexachlorobenzene	0.2 ug/mL
							N-Nitrosodimethylamine	0.2 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	0.4 ug/mL
							Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL
							Anthracene	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Chrysene	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Fluoranthene	0.1 ug/mL
							Fluorene	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Phenanthrene	0.1 ug/mL
							Pyrene	0.1 ug/mL
							Pentachlorophenol	0.2 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL4_00020	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	SM_4,6-DC-10X_00003	20 uL	4,6-Dinitro-2-methylphenol	2 ug/mL
					SM_8270_surr_00015	10 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00013	100 uL	Bis(2-chloroethyl)ether	1 ug/mL
					SM_HexaCB_00015	100 uL	Hexachlorobenzene	1 ug/mL
					SM_N-Nitro_00019	100 uL	N-Nitrosodimethylamine	1 ug/mL
					SM_p-Dioxane_00032	200 uL	1,4-Dioxane	2 ug/mL
					SM_PAHmixS_00021	50 uL	Acenaphthene	0.5 ug/mL
							Acenaphthylene	0.5 ug/mL
							Anthracene	0.5 ug/mL
							Benzo[a]anthracene	0.5 ug/mL
							Benzo[a]pyrene	0.5 ug/mL
							Benzo[b]fluoranthene	0.5 ug/mL
							Benzo[g,h,i]perylene	0.5 ug/mL
							Benzo[k]fluoranthene	0.5 ug/mL
							Chrysene	0.5 ug/mL
							Dibenz(a,h)anthracene	0.5 ug/mL
							Fluoranthene	0.5 ug/mL
							Fluorene	0.5 ug/mL
							Indeno[1,2,3-cd]pyrene	0.5 ug/mL
							Naphthalene	0.5 ug/mL
							Phenanthrene	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	0.5 ug/mL
					SM_Penta_00014	10 uL	Pentachlorophenol	1 ug/mL
					SM_SIMICALIS_00020	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL5_00021	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	IC-SIM+surrL5_00021	2 mL	4,6-Dinitro-2-methylphenol	0.8 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	0.4 ug/mL
							Hexachlorobenzene	0.4 ug/mL
							N-Nitrosodimethylamine	0.4 ug/mL
							1,4-Dioxane	0.8 ug/mL
							Acenaphthene	0.2 ug/mL
							Acenaphthylene	0.2 ug/mL
							Anthracene	0.2 ug/mL
							Benzo[a]anthracene	0.2 ug/mL
							Benzo[a]pyrene	0.2 ug/mL
							Benzo[b]fluoranthene	0.2 ug/mL
							Benzo[g,h,i]perylene	0.2 ug/mL
							Benzo[k]fluoranthene	0.2 ug/mL
							Chrysene	0.2 ug/mL
							Dibenz(a,h)anthracene	0.2 ug/mL
							Fluoranthene	0.2 ug/mL
							Fluorene	0.2 ug/mL
							Indeno[1,2,3-cd]pyrene	0.2 ug/mL
							Naphthalene	0.2 ug/mL
							Phenanthrene	0.2 ug/mL
							Pyrene	0.2 ug/mL
							Pentachlorophenol	0.4 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL5_00021	05/31/26	05/14/25	MeCl2, Lot 2162002	25 mL	SM_4,6-DC-10X_00003	100 uL	4,6-Dinitro-2-methylphenol	4 ug/mL
					SM_8270_surr_00015	25 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00013	500 uL	Bis(2-chloroethyl)ether	2 ug/mL
					SM_HexaCB_00015	500 uL	Hexachlorobenzene	2 ug/mL
					SM_N-Nitro_00019	500 uL	N-Nitrosodimethylamine	2 ug/mL
					SM_p-Dioxane_00032	1000 uL	1,4-Dioxane	4 ug/mL
					SM_PAHmixS_00021	250 uL	Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Anthracene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Chrysene	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added	Dibenz(a,h)anthracene	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Naphthalene	1 ug/mL
							Phenanthrene	1 ug/mL
							Pyrene	1 ug/mL
					SM_Penta_00014	50 uL	Pentachlorophenol	2 ug/mL
					SM_SIMICALIS_00020	250 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL6_00022	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	IC-SIM+surrL6_00022	2 mL	4,6-Dinitro-2-methylphenol	2 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							1,4-Dioxane	2 ug/mL
							Acenaphthene	0.4 ug/mL
							Acenaphthylene	0.4 ug/mL
							Anthracene	0.4 ug/mL
							Benzo[a]anthracene	0.4 ug/mL
							Benzo[a]pyrene	0.4 ug/mL
							Benzo[b]fluoranthene	0.4 ug/mL
							Benzo[g,h,i]perylene	0.4 ug/mL
							Benzo[k]fluoranthene	0.4 ug/mL
							Chrysene	0.4 ug/mL
							Dibenz(a,h)anthracene	0.4 ug/mL
							Fluoranthene	0.4 ug/mL
							Fluorene	0.4 ug/mL
							Indeno[1,2,3-cd]pyrene	0.4 ug/mL
							Naphthalene	0.4 ug/mL
							Phenanthrene	0.4 ug/mL
							Pyrene	0.4 ug/mL
							Pentachlorophenol	1 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL6_00022	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	SM_4,6-DC-10X_00003	100 uL	4,6-Dinitro-2-methylphenol	10 ug/mL
					SM_8270_surr_00015	10 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00013	500 uL	Bis(2-chloroethyl)ether	5 ug/mL
					SM_HexaCB_00015	500 uL	Hexachlorobenzene	5 ug/mL
					SM_N-Nitro_00019	500 uL	N-Nitrosodimethylamine	5 ug/mL
					SM_p-Dioxane_00032	1000 uL	1,4-Dioxane	10 ug/mL
					SM_PAHmixS_00021	200 uL	Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Anthracene	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Chrysene	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Naphthalene	2 ug/mL
							Phenanthrene	2 ug/mL
							Pyrene	2 ug/mL
					SM_Penta_00014	50 uL	Pentachlorophenol	5 ug/mL
					SM_SIMICALIS_00020	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL7_00005	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	IC-SIM+surrL7_00005	2 mL	4,6-Dinitro-2-methylphenol	4 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	2 ug/mL
							Hexachlorobenzene	2 ug/mL
							N-Nitrosodimethylamine	2 ug/mL
							1,4-Dioxane	4 ug/mL
							Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Anthracene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Chrysene	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Naphthalene	2 ug/mL
							Phenanthrene	2 ug/mL
							Pyrene	2 ug/mL
							Pentachlorophenol	4 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL7_00005	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	SM_4,6-DC-10X_00003	200 uL	4,6-Dinitro-2-methylphenol	20 ug/mL
					SM_8270_surr_00015	10 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00013	1000 uL	Bis(2-chloroethyl)ether	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SM_HexaCB_00015	1000 uL	Hexachlorobenzene	10 ug/mL
					SM_N-Nitro_00019	1000 uL	N-Nitrosodimethylamine	10 ug/mL
					SM_p-Dioxane_00032	2000 uL	1,4-Dioxane	20 ug/mL
					SM_PAHmixS_00021	1000 uL	Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Chrysene	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Naphthalene	10 ug/mL
							Phenanthrene	10 ug/mL
							Pyrene	10 ug/mL
					SM_Penta_00014	200 uL	Pentachlorophenol	20 ug/mL
					SM_SIMICALIS_00020	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL8_00003	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	SM_4,6-DC-10X_00003	100 uL	4,6-Dinitro-2-methylphenol	10 ug/mL
					SM_8270_surr_00015	2 uL	2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
					SM_BCEE_SIM_00013	500 uL	Bis(2-chloroethyl)ether	5 ug/mL
					SM_HexaCB_00015	500 uL	Hexachlorobenzene	5 ug/mL
					SM_N-Nitro_00019	500 uL	N-Nitrosodimethylamine	5 ug/mL
					SM_p-Dioxane_00032	1000 uL	1,4-Dioxane	10 ug/mL
					SM_PAHmixS_00021	500 uL	Acenaphthene	5 ug/mL
							Acenaphthylene	5 ug/mL
							Anthracene	5 ug/mL
							Benzo[a]anthracene	5 ug/mL
							Benzo[a]pyrene	5 ug/mL
							Benzo[b]fluoranthene	5 ug/mL
							Benzo[g,h,i]perylene	5 ug/mL
							Benzo[k]fluoranthene	5 ug/mL
							Chrysene	5 ug/mL
							Dibenz(a,h)anthracene	5 ug/mL
							Fluoranthene	5 ug/mL
							Fluorene	5 ug/mL
							Indeno[1,2,3-cd]pyrene	5 ug/mL
							Naphthalene	5 ug/mL
							Phenanthrene	5 ug/mL
							Pyrene	5 ug/mL
					SM_Penta_00014	100 uL	Pentachlorophenol	10 ug/mL
					SM_SIMICALIS_00020	20 uL	1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene-d10	0.2 ug/mL
.SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
.SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
.SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
.SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
.SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
.SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
..SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
.SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
.SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
.SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL9_00003	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	SM_4,6-DC-10X_00003	200 uL	4,6-Dinitro-2-methylphenol	20 ug/mL
					SM_8270_surr_00015	2 uL	2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
					SM_BCEE_SIM_00013	1000 uL	Bis(2-chloroethyl)ether	10 ug/mL
					SM_HexaCB_00015	1000 uL	Hexachlorobenzene	10 ug/mL
					SM_N-Nitro_00019	1000 uL	N-Nitrosodimethylamine	10 ug/mL
					SM_p-Dioxane_00032	2000 uL	1,4-Dioxane	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SM_PAHmixS_00021	1000 uL	Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Chrysene	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Naphthalene	10 ug/mL
							Phenanthrene	10 ug/mL
							Pyrene	10 ug/mL
					SM_Penta_00014	200 uL	Pentachlorophenol	20 ug/mL
					SM_SIMICALIS_00020	20 uL	1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
.SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
.SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
.SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
.SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
.SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
..SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
.SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	100 ug/mL
.SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
.SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SMDFTP_CH_00037							4,4'-DDD	
							4,4'-DDE	
							Tentatively Identified Compound	
							Total Semivolatile Organic Compounds	
					SMDFTTP_CH_00021	2.5 mL	4,4'-DDT	25 ug/mL
							Benzidine_T	25 ug/mL
							DFTPP	25 ug/mL
							Pentachlorophenol_T	25 ug/mL
.SMDFTTP_CH_00021	07/31/26		Restek, Lot A0200028		(Purchased Reagent)		4,4'-DDT	1000 ug/mL
							Benzidine_T	1000 ug/mL
							DFTPP	1000 ug/mL
							Pentachlorophenol_T	1000 ug/mL
SV_BNAL1_LVI_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L1_00007	2 mL	2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							n,n'-Dimethylaniline	0.1 ug/mL
							N-Methylaniline	0.1 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							1,1'-Biphenyl	0.1 ug/mL
							1,2,4-Trichlorobenzene	0.1 ug/mL
							1,2-Diphenylhydrazine	0.1 ug/mL
							1,4-Dioxane	0.1 ug/mL
							2,4-Dinitrophenol	0.2 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloroaniline	0.1 ug/mL
							Aniline	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Bis(2-chloroethyl)ether	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Hexachlorobenzene	0.1 ug/mL
							Hexachlorobutadiene	0.1 ug/mL
							Hexachloroethane	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							N-Nitrosodi-n-propylamine	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Nitrobenzene	0.1 ug/mL
							Pyridine	0.2 ug/mL
.SV_BNA_L1_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	50 mL	SM_8270_surr_00015	500 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	12.5 uL	n,n'-Dimethylaniline	0.5 ug/mL
							N-Methylaniline	0.5 ug/mL
					SM_ISTD_00197	1000 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_STD#1mega_00027	25 uL	1,1'-Biphenyl	0.5 ug/mL
							1,2,4-Trichlorobenzene	0.5 ug/mL
							1,2-Diphenylhydrazine	0.5 ug/mL
							1,4-Dioxane	0.5 ug/mL
							2,4-Dinitrophenol	1 ug/mL
							4-Chloroaniline	0.5 ug/mL
							Aniline	0.5 ug/mL
							Benzo[a]anthracene	0.5 ug/mL
							Benzo[a]pyrene	0.5 ug/mL
							Benzo[b]fluoranthene	0.5 ug/mL
							Benzo[g,h,i]perylene	0.5 ug/mL
							Benzo[k]fluoranthene	0.5 ug/mL
							Bis(2-chloroethyl)ether	0.5 ug/mL
							Dibenz(a,h)anthracene	0.5 ug/mL
							Hexachlorobenzene	0.5 ug/mL
							Hexachlorobutadiene	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachloroethane	0.5 ug/mL
							Indeno[1,2,3-cd]pyrene	0.5 ug/mL
							N-Nitrosodi-n-propylamine	0.5 ug/mL
							Naphthalene	0.5 ug/mL
							Nitrobenzene	0.5 ug/mL
							Pyridine	1 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							4-Chloroaniline	1000 ug/mL
							Aniline	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL3_LVI_00009	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L3_00007	2 mL	2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Terphenyl-d14 (Surr)	10 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	0.4 ug/mL
							Benzaldehyde	0.4 ug/mL
							Caprolactam	0.4 ug/mL
							Benzidine	0.4 ug/mL
							2,4-Dinitrophenol	0.8 ug/mL
.SV_BNA_L3_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	25 mL	SM_8270_surr_00015	250 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	25 uL	Atrazine	2 ug/mL
							Benzaldehyde	2 ug/mL
							Caprolactam	2 ug/mL
					SM_std #9BNA_00025	25 uL	Benzidine	2 ug/mL
					SM_STD#1mega_00027	50 uL	2,4-Dinitrophenol	4 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		2,4-Dinitrophenol	2000 ug/mL
SV_BNAL4_LVI_00009	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L4_00007	2 mL	Benzoic acid	1 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	1 ug/mL
							2-tertbutyl-4-methylphenol	1 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	1 ug/mL
							Carbamazepine	1 ug/mL
							Coumarin	1 ug/mL
							n,n'-Dimethylaniline	1 ug/mL
							N-Methylaniline	1 ug/mL
							Pentachloronitrobenzene	1 ug/mL
							Phenyl ether	1 ug/mL
							Bisphenol-A	1 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	1 ug/mL
							Benzaldehyde	1 ug/mL
							Caprolactam	1 ug/mL
							3,3'-Dichlorobenzidine	1 ug/mL
							Benzidine	1 ug/mL
							1,1'-Biphenyl	1 ug/mL
							1,2,4,5-Tetrachlorobenzene	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL
							1,3-Dichlorobenzene	1 ug/mL
							1,4-Dichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2,2'-oxybis[1-chloropropane]	1 ug/mL
							2,3,4,6-Tetrachlorophenol	1 ug/mL
							2,4,5-Trichlorophenol	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dichlorophenol	1 ug/mL
							2,4-Dimethylphenol	1 ug/mL
							2,4-Dinitrophenol	2 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dichlorophenol	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Chloronaphthalene	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorophenol	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							2-Methylphenol	1 ug/mL
							2-Nitroaniline	1 ug/mL
							2-Nitrophenol	1 ug/mL
							3 & 4 Methylphenol	1 ug/mL
							3-Nitroaniline	1 ug/mL
							4,6-Dinitro-2-methylphenol	2 ug/mL
							4-Bromophenyl phenyl ether	1 ug/mL
							4-Chloro-3-methylphenol	1 ug/mL
							4-Chloroaniline	1 ug/mL
							4-Chlorophenyl phenyl ether	1 ug/mL
							4-Methylphenol	1 ug/mL
							4-Nitroaniline	1 ug/mL
							4-Nitrophenol	2 ug/mL
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Acetophenone	1 ug/mL
							Aniline	1 ug/mL
							Anthracene	1 ug/mL
							Azobenzene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Benzyl alcohol	1 ug/mL
							Bis(2-chloroethoxy)methane	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Butyl benzyl phthalate	1 ug/mL
							Carbazole	1 ug/mL
							Chrysene	1 ug/mL
							Di-n-butyl phthalate	1 ug/mL
							Di-n-octyl phthalate	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Dibenzofuran	1 ug/mL
							Diethyl phthalate	1 ug/mL
							Dimethyl phthalate	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							N-Nitrosodiphenylamine	1 ug/mL
							n-Octadecane	1 ug/mL
							Naphthalene	1 ug/mL
							Nitrobenzene	1 ug/mL
							Pentachlorophenol	2 ug/mL
							Phenanthrene	1 ug/mL
							Phenol	1 ug/mL
							Pyrene	1 ug/mL
							Pyridine	2 ug/mL
.SV_BNA_L4_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	25 mL	SM-BenzAcid_00021	62.5 uL	Benzoic acid	5 ug/mL
					SM_8270_surr_00015	250 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	62.5 uL	1,3-Dimethylnaphthalene	5 ug/mL
							2-tertbutyl-4-methylphenol	5 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	5 ug/mL
							Carbamazepine	5 ug/mL
							Coumarin	5 ug/mL
							n,n'-Dimethylaniline	5 ug/mL
							N-Methylaniline	5 ug/mL
							Pentachloronitrobenzene	5 ug/mL
							Phenyl ether	5 ug/mL
					SM_BPA_00021	125 uL	Bisphenol-A	5 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	62.5 uL	Atrazine	5 ug/mL
							Benzaldehyde	5 ug/mL
							Caprolactam	5 ug/mL
					SM_std #9BNA_00025	62.5 uL	3,3'-Dichlorobenzidine	5 ug/mL
							Benzidine	5 ug/mL
					SM_STD#1mega_00027	125 uL	1,1'-Biphenyl	5 ug/mL
							1,2,4,5-Tetrachlorobenzene	5 ug/mL
							1,2,4-Trichlorobenzene	5 ug/mL
							1,2-Dichlorobenzene	5 ug/mL
							1,2-Diphenylhydrazine	5 ug/mL
							1,3-Dichlorobenzene	5 ug/mL
							1,4-Dichlorobenzene	5 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dioxane	5 ug/mL
							1-Methylnaphthalene	5 ug/mL
							2,2'-oxybis[1-chloropropane]	5 ug/mL
							2,3,4,6-Tetrachlorophenol	5 ug/mL
							2,4,5-Trichlorophenol	5 ug/mL
							2,4,6-Trichlorophenol	5 ug/mL
							2,4-Dichlorophenol	5 ug/mL
							2,4-Dimethylphenol	5 ug/mL
							2,4-Dinitrophenol	10 ug/mL
							2,4-Dinitrotoluene	5 ug/mL
							2,6-Dichlorophenol	5 ug/mL
							2,6-Dinitrotoluene	5 ug/mL
							2-Chloronaphthalene	5 ug/mL
							2-Chlorophenol	5 ug/mL
							2-Methylnaphthalene	5 ug/mL
							2-Methylphenol	5 ug/mL
							2-Nitroaniline	5 ug/mL
							2-Nitrophenol	5 ug/mL
							3 & 4 Methylphenol	5 ug/mL
							3-Nitroaniline	5 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Bromophenyl phenyl ether	5 ug/mL
							4-Chloro-3-methylphenol	5 ug/mL
							4-Chloroaniline	5 ug/mL
							4-Chlorophenyl phenyl ether	5 ug/mL
							4-Methylphenol	5 ug/mL
							4-Nitroaniline	5 ug/mL
							4-Nitrophenol	10 ug/mL
							Acenaphthene	5 ug/mL
							Acenaphthylene	5 ug/mL
							Acetophenone	5 ug/mL
							Aniline	5 ug/mL
							Anthracene	5 ug/mL
							Azobenzene	5 ug/mL
							Benzo[a]anthracene	5 ug/mL
							Benzo[a]pyrene	5 ug/mL
							Benzo[b]fluoranthene	5 ug/mL
							Benzo[g,h,i]perylene	5 ug/mL
							Benzo[k]fluoranthene	5 ug/mL
							Benzyl alcohol	5 ug/mL
							Bis(2-chloroethoxy)methane	5 ug/mL
							Bis(2-chloroethyl)ether	5 ug/mL
							Bis(2-ethylhexyl) phthalate	5 ug/mL
							Butyl benzyl phthalate	5 ug/mL
							Carbazole	5 ug/mL
							Chrysene	5 ug/mL
							Di-n-butyl phthalate	5 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-octyl phthalate	5 ug/mL
							Dibenz(a,h)anthracene	5 ug/mL
							Dibenzofuran	5 ug/mL
							Diethyl phthalate	5 ug/mL
							Dimethyl phthalate	5 ug/mL
							Fluoranthene	5 ug/mL
							Fluorene	5 ug/mL
							Hexachlorobenzene	5 ug/mL
							Hexachlorobutadiene	5 ug/mL
							Hexachlorocyclopentadiene	5 ug/mL
							Hexachloroethane	5 ug/mL
							Indeno[1,2,3-cd]pyrene	5 ug/mL
							Isophorone	5 ug/mL
							n-Decane	5 ug/mL
							N-Nitrosodi-n-propylamine	5 ug/mL
							N-Nitrosodimethylamine	5 ug/mL
							N-Nitrosodiphenylamine	5 ug/mL
							n-Octadecane	5 ug/mL
							Naphthalene	5 ug/mL
							Nitrobenzene	5 ug/mL
							Pentachlorophenol	10 ug/mL
							Phenanthrene	5 ug/mL
							Phenol	5 ug/mL
							Pyrene	5 ug/mL
							Pyridine	10 ug/mL
..SM-BenzAcid_00021	08/31/26		Restek, Lot A0222783		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00021	10/30/27		Agilent, Lot 0007778114		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL5_LVI_00009	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L5_00007	2 mL	Benzoic acid	2 ug/mL
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	2 ug/mL
							2-tertbutyl-4-methylphenol	2 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3,5-di-tert-butyl-4-hydroxytol	2 ug/mL
							Carbamazepine	2 ug/mL
							Coumarin	2 ug/mL
							n,n'-Dimethylaniline	2 ug/mL
							N-Methylaniline	2 ug/mL
							Pentachloronitrobenzene	2 ug/mL
							Phenyl ether	2 ug/mL
							Bisphenol-A	2 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	2 ug/mL
							Benzaldehyde	2 ug/mL
							Caprolactam	2 ug/mL
							3,3'-Dichlorobenzidine	2 ug/mL
							Benzidine	2 ug/mL
							1,1'-Biphenyl	2 ug/mL
							1,2,4,5-Tetrachlorobenzene	2 ug/mL
							1,2,4-Trichlorobenzene	2 ug/mL
							1,2-Dichlorobenzene	2 ug/mL
							1,2-Diphenylhydrazine	2 ug/mL
							1,3-Dichlorobenzene	2 ug/mL
							1,4-Dichlorobenzene	2 ug/mL
							1,4-Dioxane	2 ug/mL
							1-Methylnaphthalene	2 ug/mL
							2,2'-oxybis[1-chloropropane]	2 ug/mL
							2,3,4,6-Tetrachlorophenol	2 ug/mL
							2,4,5-Trichlorophenol	2 ug/mL
							2,4,6-Trichlorophenol	2 ug/mL
							2,4-Dichlorophenol	2 ug/mL
							2,4-Dimethylphenol	2 ug/mL
							2,4-Dinitrophenol	4 ug/mL
							2,4-Dinitrotoluene	2 ug/mL
							2,6-Dichlorophenol	2 ug/mL
							2,6-Dinitrotoluene	2 ug/mL
							2-Chloronaphthalene	2 ug/mL
							2-Chlorophenol	2 ug/mL
							2-Methylnaphthalene	2 ug/mL
							2-Methylphenol	2 ug/mL
							2-Nitroaniline	2 ug/mL
							2-Nitrophenol	2 ug/mL
							3 & 4 Methylphenol	2 ug/mL
							3-Nitroaniline	2 ug/mL
							4,6-Dinitro-2-methylphenol	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Bromophenyl phenyl ether	2 ug/mL
							4-Chloro-3-methylphenol	2 ug/mL
							4-Chloroaniline	2 ug/mL
							4-Chlorophenyl phenyl ether	2 ug/mL
							4-Methylphenol	2 ug/mL
							4-Nitroaniline	2 ug/mL
							4-Nitrophenol	4 ug/mL
							Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Acetophenone	2 ug/mL
							Aniline	2 ug/mL
							Anthracene	2 ug/mL
							Azobenzene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Benzyl alcohol	2 ug/mL
							Bis(2-chloroethoxy)methane	2 ug/mL
							Bis(2-chloroethyl)ether	2 ug/mL
							Bis(2-ethylhexyl) phthalate	2 ug/mL
							Butyl benzyl phthalate	2 ug/mL
							Carbazole	2 ug/mL
							Chrysene	2 ug/mL
							Di-n-butyl phthalate	2 ug/mL
							Di-n-octyl phthalate	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Dibenzofuran	2 ug/mL
							Diethyl phthalate	2 ug/mL
							Dimethyl phthalate	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Hexachlorobenzene	2 ug/mL
							Hexachlorobutadiene	2 ug/mL
							Hexachlorocyclopentadiene	2 ug/mL
							Hexachloroethane	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Isophorone	2 ug/mL
							n-Decane	2 ug/mL
							N-Nitrosodi-n-propylamine	2 ug/mL
							N-Nitrosodimethylamine	2 ug/mL
							N-Nitrosodiphenylamine	2 ug/mL
							n-Octadecane	2 ug/mL
							Naphthalene	2 ug/mL
							Nitrobenzene	2 ug/mL
							Pentachlorophenol	4 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene	2 ug/mL
							Phenol	2 ug/mL
							Pyrene	2 ug/mL
							Pyridine	4 ug/mL
.SV_BNA_L5_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	25 mL	SM-BenzAcid_00021	125 uL	Benzoic acid	10 ug/mL
					SM_8270_surr_00015	250 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	125 uL	1,3-Dimethylnaphthalene	10 ug/mL
							2-tertbutyl-4-methylphenol	10 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	10 ug/mL
							Carbamazepine	10 ug/mL
							Coumarin	10 ug/mL
							n,n'-Dimethylaniline	10 ug/mL
							N-Methylaniline	10 ug/mL
							Pentachloronitrobenzene	10 ug/mL
							Phenyl ether	10 ug/mL
					SM_BPA_00021	250 uL	Bisphenol-A	10 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	125 uL	Atrazine	10 ug/mL
							Benzaldehyde	10 ug/mL
							Caprolactam	10 ug/mL
					SM_std #9BNA_00025	125 uL	3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
					SM_STD#1mega_00027	250 uL	1,1'-Biphenyl	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,2'-oxybis[1-chloropropane]	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Methylphenol	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							n-Decane	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							n-Octadecane	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							Pyridine	20 ug/mL
..SM-BenzAcid_00021	08/31/26		Restek, Lot A0222783		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00021	10/30/27		Agilent, Lot 0007778114		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL6_LVI_00010	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L6_00007	2 mL	Benzoic acid	4 ug/mL
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	4 ug/mL
							2-tertbutyl-4-methylphenol	4 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	4 ug/mL
							Carbamazepine	4 ug/mL
							Coumarin	4 ug/mL
							n,n'-Dimethylaniline	4 ug/mL
							N-Methylaniline	4 ug/mL
							Pentachloronitrobenzene	4 ug/mL
							Phenyl ether	4 ug/mL
							Bisphenol-A	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	3.2 ug/mL
							Benzaldehyde	3.2 ug/mL
							Caprolactam	3.2 ug/mL
							3,3'-Dichlorobenzidine	4 ug/mL
							Benzidine	4 ug/mL
							1,1'-Biphenyl	4 ug/mL
							1,2,4,5-Tetrachlorobenzene	4 ug/mL
							1,2,4-Trichlorobenzene	4 ug/mL
							1,2-Dichlorobenzene	4 ug/mL
							1,2-Diphenylhydrazine	4 ug/mL
							1,3-Dichlorobenzene	4 ug/mL
							1,4-Dichlorobenzene	4 ug/mL
							1,4-Dioxane	4 ug/mL
							1-Methylnaphthalene	4 ug/mL
							2,2'-oxybis[1-chloropropane]	4 ug/mL
							2,3,4,6-Tetrachlorophenol	4 ug/mL
							2,4,5-Trichlorophenol	4 ug/mL
							2,4,6-Trichlorophenol	4 ug/mL
							2,4-Dichlorophenol	4 ug/mL
							2,4-Dimethylphenol	4 ug/mL
							2,4-Dinitrophenol	8 ug/mL
							2,4-Dinitrotoluene	4 ug/mL
							2,6-Dichlorophenol	4 ug/mL
							2,6-Dinitrotoluene	4 ug/mL
							2-Chloronaphthalene	4 ug/mL
							2-Chlorophenol	4 ug/mL
							2-Methylnaphthalene	4 ug/mL
							2-Methylphenol	4 ug/mL
							2-Nitroaniline	4 ug/mL
							2-Nitrophenol	4 ug/mL
							3 & 4 Methylphenol	4 ug/mL
							3-Nitroaniline	4 ug/mL
							4,6-Dinitro-2-methylphenol	8 ug/mL
							4-Bromophenyl phenyl ether	4 ug/mL
							4-Chloro-3-methylphenol	4 ug/mL
							4-Chloroaniline	4 ug/mL
							4-Chlorophenyl phenyl ether	4 ug/mL
							4-Methylphenol	4 ug/mL
							4-Nitroaniline	4 ug/mL
							4-Nitrophenol	8 ug/mL
							Acenaphthene	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthylene	4 ug/mL
							Acetophenone	4 ug/mL
							Aniline	4 ug/mL
							Anthracene	4 ug/mL
							Azobenzene	4 ug/mL
							Benzo[a]anthracene	4 ug/mL
							Benzo[a]pyrene	4 ug/mL
							Benzo[b]fluoranthene	4 ug/mL
							Benzo[g,h,i]perylene	4 ug/mL
							Benzo[k]fluoranthene	4 ug/mL
							Benzyl alcohol	4 ug/mL
							Bis(2-chloroethoxy)methane	4 ug/mL
							Bis(2-chloroethyl)ether	4 ug/mL
							Bis(2-ethylhexyl) phthalate	4 ug/mL
							Butyl benzyl phthalate	4 ug/mL
							Carbazole	4 ug/mL
							Chrysene	4 ug/mL
							Di-n-butyl phthalate	4 ug/mL
							Di-n-octyl phthalate	4 ug/mL
							Dibenz(a,h)anthracene	4 ug/mL
							Dibenzofuran	4 ug/mL
							Diethyl phthalate	4 ug/mL
							Dimethyl phthalate	4 ug/mL
							Fluoranthene	4 ug/mL
							Fluorene	4 ug/mL
							Hexachlorobenzene	4 ug/mL
							Hexachlorobutadiene	4 ug/mL
							Hexachlorocyclopentadiene	4 ug/mL
							Hexachloroethane	4 ug/mL
							Indeno[1,2,3-cd]pyrene	4 ug/mL
							Isophorone	4 ug/mL
							n-Decane	4 ug/mL
							N-Nitrosodi-n-propylamine	4 ug/mL
							N-Nitrosodimethylamine	4 ug/mL
							N-Nitrosodiphenylamine	4 ug/mL
							n-Octadecane	4 ug/mL
							Naphthalene	4 ug/mL
							Nitrobenzene	4 ug/mL
							Pentachlorophenol	8 ug/mL
							Phenanthrene	4 ug/mL
							Phenol	4 ug/mL
							Pyrene	4 ug/mL
							Pyridine	8 ug/mL
.SV_BNA_L6_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	25 mL	SM-BenzAcid_00021	250 uL	Benzoic acid	20 ug/mL
					SM_8270_surr_00015	250 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	250 uL	1,3-Dimethylnaphthalene	20 ug/mL
							2-tertbutyl-4-methylphenol	20 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	20 ug/mL
							Carbamazepine	20 ug/mL
							Coumarin	20 ug/mL
							n,n'-Dimethylaniline	20 ug/mL
							N-Methylaniline	20 ug/mL
							Pentachloronitrobenzene	20 ug/mL
							Phenyl ether	20 ug/mL
					SM_BPA_00021	500 uL	Bisphenol-A	20 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	200 uL	Atrazine	16 ug/mL
							Benzaldehyde	16 ug/mL
							Caprolactam	16 ug/mL
					SM_std #9BNA_00025	250 uL	3,3'-Dichlorobenzidine	20 ug/mL
							Benzidine	20 ug/mL
					SM_STD#1mega_00027	500 uL	1,1'-Biphenyl	20 ug/mL
							1,2,4,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,2'-oxybis[1-chloropropane]	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	40 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dichlorophenol	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	40 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Methylphenol	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	40 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Aniline	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzyl alcohol	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							n-Decane	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodiphenylamine	20 ug/mL
							n-Octadecane	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	40 ug/mL
..SM-BenzAcid_00021	08/31/26		Restek, Lot A0222783		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00021	10/30/27		Agilent, Lot 0007778114		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL7_LVI_00010	03/27/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L7_00008	2 mL	Benzoic acid	10 ug/mL
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	10 ug/mL
							2-tertbutyl-4-methylphenol	10 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	10 ug/mL
							Carbamazepine	10 ug/mL
							Coumarin	10 ug/mL
							n,n'-Dimethylaniline	10 ug/mL
							N-Methylaniline	10 ug/mL
							Pentachloronitrobenzene	10 ug/mL
							Phenyl ether	10 ug/mL
							Bisphenol-A	10 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	4 ug/mL
							Benzaldehyde	4 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Caprolactam	4 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
							1,1'-Biphenyl	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,2'-oxybis[1-chloropropane]	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Methylphenol	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							n-Decane	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							n-Octadecane	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							Pyridine	20 ug/mL
							2,3,7,8-TCDD	0.1 ug/mL
.SV_BNA_L7_00008	03/28/26	03/19/25	MeCl2, Lot 1062005	50 mL	SM-BenzAcid_00021	1250 uL	Benzoic acid	50 ug/mL
					SM_8270_surr_00015	500 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	1250 uL	1,3-Dimethylnaphthalene	50 ug/mL
							2-tertbutyl-4-methylphenol	50 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	50 ug/mL
							Carbamazepine	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Coumarin	50 ug/mL
							n,n'-Dimethylaniline	50 ug/mL
							N-Methylaniline	50 ug/mL
							Pentachloronitrobenzene	50 ug/mL
							Phenyl ether	50 ug/mL
					SM_BPA_00021	2500 uL	Bisphenol-A	50 ug/mL
					SM_ISTD_00197	1000 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	500 uL	Atrazine	20 ug/mL
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
					SM_std #9BNA_00025	1250 uL	3,3'-Dichlorobenzidine	50 ug/mL
							Benzidine	50 ug/mL
					SM_STD#1mega_00027	2500 uL	1,1'-Biphenyl	50 ug/mL
							1,2,4,5-Tetrachlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Diphenylhydrazine	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	50 ug/mL
							1-Methylnaphthalene	50 ug/mL
							2,2'-oxybis[1-chloropropane]	50 ug/mL
							2,3,4,6-Tetrachlorophenol	50 ug/mL
							2,4,5-Trichlorophenol	50 ug/mL
							2,4,6-Trichlorophenol	50 ug/mL
							2,4-Dichlorophenol	50 ug/mL
							2,4-Dimethylphenol	50 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dichlorophenol	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Chloronaphthalene	50 ug/mL
							2-Chlorophenol	50 ug/mL
							2-Methylnaphthalene	50 ug/mL
							2-Methylphenol	50 ug/mL
							2-Nitroaniline	50 ug/mL
							2-Nitrophenol	50 ug/mL
							3 & 4 Methylphenol	50 ug/mL
							3-Nitroaniline	50 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Bromophenyl phenyl ether	50 ug/mL
							4-Chloro-3-methylphenol	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloroaniline	50 ug/mL
							4-Chlorophenyl phenyl ether	50 ug/mL
							4-Methylphenol	50 ug/mL
							4-Nitroaniline	50 ug/mL
							4-Nitrophenol	100 ug/mL
							Acenaphthene	50 ug/mL
							Acenaphthylene	50 ug/mL
							Acetophenone	50 ug/mL
							Aniline	50 ug/mL
							Anthracene	50 ug/mL
							Azobenzene	50 ug/mL
							Benzo[a]anthracene	50 ug/mL
							Benzo[a]pyrene	50 ug/mL
							Benzo[b]fluoranthene	50 ug/mL
							Benzo[g,h,i]perylene	50 ug/mL
							Benzo[k]fluoranthene	50 ug/mL
							Benzyl alcohol	50 ug/mL
							Bis(2-chloroethoxy)methane	50 ug/mL
							Bis(2-chloroethyl)ether	50 ug/mL
							Bis(2-ethylhexyl) phthalate	50 ug/mL
							Butyl benzyl phthalate	50 ug/mL
							Carbazole	50 ug/mL
							Chrysene	50 ug/mL
							Di-n-butyl phthalate	50 ug/mL
							Di-n-octyl phthalate	50 ug/mL
							Dibenz(a,h)anthracene	50 ug/mL
							Dibenzofuran	50 ug/mL
							Diethyl phthalate	50 ug/mL
							Dimethyl phthalate	50 ug/mL
							Fluoranthene	50 ug/mL
							Fluorene	50 ug/mL
							Hexachlorobenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexachlorocyclopentadiene	50 ug/mL
							Hexachloroethane	50 ug/mL
							Indeno[1,2,3-cd]pyrene	50 ug/mL
							Isophorone	50 ug/mL
							n-Decane	50 ug/mL
							N-Nitrosodi-n-propylamine	50 ug/mL
							N-Nitrosodimethylamine	50 ug/mL
							N-Nitrosodiphenylamine	50 ug/mL
							n-Octadecane	50 ug/mL
							Naphthalene	50 ug/mL
							Nitrobenzene	50 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenanthrene	50 ug/mL
							Phenol	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	50 ug/mL
							Pyridine	100 ug/mL
					SM_TCDD_00016	500 uL	2,3,7,8-TCDD	0.5 ug/mL
..SM-BenzAcid_00021	08/31/26		Restek, Lot A0222783		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00021	10/30/27		Agilent, Lot 0007778114		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
..SM_TCDD_00016	03/31/28	Spex CertiPrep, Lot AA201542801			(Purchased Reagent)		2,3,7,8-TCDD	50 ug/mL
SV_BNAL8_LVI_00009	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L8_00007	2 mL	Benzoic acid	16 ug/mL
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	16 ug/mL
							2-tertbutyl-4-methylphenol	16 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	16 ug/mL
							Carbamazepine	16 ug/mL
							Coumarin	16 ug/mL
							n,n'-Dimethylaniline	16 ug/mL
							N-Methylaniline	16 ug/mL
							Pentachloronitrobenzene	16 ug/mL
							Phenyl ether	16 ug/mL
							Bisphenol-A	16 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	4.8 ug/mL
							Benzaldehyde	4.8 ug/mL
							Caprolactam	4.8 ug/mL
							3,3'-Dichlorobenzidine	16 ug/mL
							Benzidine	16 ug/mL
							1,1'-Biphenyl	16 ug/mL
							1,2,4,5-Tetrachlorobenzene	16 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	16 ug/mL
							1,2-Dichlorobenzene	16 ug/mL
							1,2-Diphenylhydrazine	16 ug/mL
							1,3-Dichlorobenzene	16 ug/mL
							1,4-Dichlorobenzene	16 ug/mL
							1,4-Dioxane	16 ug/mL
							1-Methylnaphthalene	16 ug/mL
							2,2'-oxybis[1-chloropropane]	16 ug/mL
							2,3,4,6-Tetrachlorophenol	16 ug/mL
							2,4,5-Trichlorophenol	16 ug/mL
							2,4,6-Trichlorophenol	16 ug/mL
							2,4-Dichlorophenol	16 ug/mL
							2,4-Dimethylphenol	16 ug/mL
							2,4-Dinitrophenol	32 ug/mL
							2,4-Dinitrotoluene	16 ug/mL
							2,6-Dichlorophenol	16 ug/mL
							2,6-Dinitrotoluene	16 ug/mL
							2-Chloronaphthalene	16 ug/mL
							2-Chlorophenol	16 ug/mL
							2-Methylnaphthalene	16 ug/mL
							2-Methylphenol	16 ug/mL
							2-Nitroaniline	16 ug/mL
							2-Nitrophenol	16 ug/mL
							3 & 4 Methylphenol	16 ug/mL
							3-Nitroaniline	16 ug/mL
							4,6-Dinitro-2-methylphenol	32 ug/mL
							4-Bromophenyl phenyl ether	16 ug/mL
							4-Chloro-3-methylphenol	16 ug/mL
							4-Chloroaniline	16 ug/mL
							4-Chlorophenyl phenyl ether	16 ug/mL
							4-Methylphenol	16 ug/mL
							4-Nitroaniline	16 ug/mL
							4-Nitrophenol	32 ug/mL
							Acenaphthene	16 ug/mL
							Acenaphthylene	16 ug/mL
							Acetophenone	16 ug/mL
							Aniline	16 ug/mL
							Anthracene	16 ug/mL
							Azobenzene	16 ug/mL
							Benzo[a]anthracene	16 ug/mL
							Benzo[a]pyrene	16 ug/mL
							Benzo[b]fluoranthene	16 ug/mL
							Benzo[g,h,i]perylene	16 ug/mL
							Benzo[k]fluoranthene	16 ug/mL
							Benzyl alcohol	16 ug/mL
							Bis(2-chloroethoxy)methane	16 ug/mL
							Bis(2-chloroethyl)ether	16 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-ethylhexyl) phthalate	16 ug/mL
							Butyl benzyl phthalate	16 ug/mL
							Carbazole	16 ug/mL
							Chrysene	16 ug/mL
							Di-n-butyl phthalate	16 ug/mL
							Di-n-octyl phthalate	16 ug/mL
							Dibenz(a,h)anthracene	16 ug/mL
							Dibenzofuran	16 ug/mL
							Diethyl phthalate	16 ug/mL
							Dimethyl phthalate	16 ug/mL
							Fluoranthene	16 ug/mL
							Fluorene	16 ug/mL
							Hexachlorobenzene	16 ug/mL
							Hexachlorobutadiene	16 ug/mL
							Hexachlorocyclopentadiene	16 ug/mL
							Hexachloroethane	16 ug/mL
							Indeno[1,2,3-cd]pyrene	16 ug/mL
							Isophorone	16 ug/mL
							n-Decane	16 ug/mL
							N-Nitrosodi-n-propylamine	16 ug/mL
							N-Nitrosodimethylamine	16 ug/mL
							N-Nitrosodiphenylamine	16 ug/mL
							n-Octadecane	16 ug/mL
							Naphthalene	16 ug/mL
							Nitrobenzene	16 ug/mL
							Pentachlorophenol	32 ug/mL
							Phenanthrene	16 ug/mL
							Phenol	16 ug/mL
							Pyrene	16 ug/mL
							Pyridine	32 ug/mL
.SV_BNA_L8_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	25 mL	SM-BenzAcid_00021	1000 uL	Benzoic acid	80 ug/mL
					SM_8270_surr_00015	250 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	1000 uL	1,3-Dimethylnaphthalene	80 ug/mL
							2-tertbutyl-4-methylphenol	80 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	80 ug/mL
							Carbamazepine	80 ug/mL
							Coumarin	80 ug/mL
							n,n'-Dimethylaniline	80 ug/mL
							N-Methylaniline	80 ug/mL
							Pentachloronitrobenzene	80 ug/mL
							Phenyl ether	80 ug/mL
					SM_BPA_00021	2000 uL	Bisphenol-A	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	300 uL	Atrazine	24 ug/mL
							Benzaldehyde	24 ug/mL
							Caprolactam	24 ug/mL
					SM_std #9BNA_00025	1000 uL	3,3'-Dichlorobenzidine	80 ug/mL
							Benzidine	80 ug/mL
					SM_STD#1mega_00027	2000 uL	1,1'-Biphenyl	80 ug/mL
							1,2,4,5-Tetrachlorobenzene	80 ug/mL
							1,2,4-Trichlorobenzene	80 ug/mL
							1,2-Dichlorobenzene	80 ug/mL
							1,2-Diphenylhydrazine	80 ug/mL
							1,3-Dichlorobenzene	80 ug/mL
							1,4-Dichlorobenzene	80 ug/mL
							1,4-Dioxane	80 ug/mL
							1-Methylnaphthalene	80 ug/mL
							2,2'-oxybis[1-chloropropane]	80 ug/mL
							2,3,4,6-Tetrachlorophenol	80 ug/mL
							2,4,5-Trichlorophenol	80 ug/mL
							2,4,6-Trichlorophenol	80 ug/mL
							2,4-Dichlorophenol	80 ug/mL
							2,4-Dimethylphenol	80 ug/mL
							2,4-Dinitrophenol	160 ug/mL
							2,4-Dinitrotoluene	80 ug/mL
							2,6-Dichlorophenol	80 ug/mL
							2,6-Dinitrotoluene	80 ug/mL
							2-Chloronaphthalene	80 ug/mL
							2-Chlorophenol	80 ug/mL
							2-Methylnaphthalene	80 ug/mL
							2-Methylphenol	80 ug/mL
							2-Nitroaniline	80 ug/mL
							2-Nitrophenol	80 ug/mL
							3 & 4 Methylphenol	80 ug/mL
							3-Nitroaniline	80 ug/mL
							4,6-Dinitro-2-methylphenol	160 ug/mL
							4-Bromophenyl phenyl ether	80 ug/mL
							4-Chloro-3-methylphenol	80 ug/mL
							4-Chloroaniline	80 ug/mL
							4-Chlorophenyl phenyl ether	80 ug/mL
							4-Methylphenol	80 ug/mL
							4-Nitroaniline	80 ug/mL
							4-Nitrophenol	160 ug/mL
							Acenaphthene	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthylene	80 ug/mL
							Acetophenone	80 ug/mL
							Aniline	80 ug/mL
							Anthracene	80 ug/mL
							Azobenzene	80 ug/mL
							Benzo[a]anthracene	80 ug/mL
							Benzo[a]pyrene	80 ug/mL
							Benzo[b]fluoranthene	80 ug/mL
							Benzo[g,h,i]perylene	80 ug/mL
							Benzo[k]fluoranthene	80 ug/mL
							Benzyl alcohol	80 ug/mL
							Bis(2-chloroethoxy)methane	80 ug/mL
							Bis(2-chloroethyl)ether	80 ug/mL
							Bis(2-ethylhexyl) phthalate	80 ug/mL
							Butyl benzyl phthalate	80 ug/mL
							Carbazole	80 ug/mL
							Chrysene	80 ug/mL
							Di-n-butyl phthalate	80 ug/mL
							Di-n-octyl phthalate	80 ug/mL
							Dibenz(a,h)anthracene	80 ug/mL
							Dibenzofuran	80 ug/mL
							Diethyl phthalate	80 ug/mL
							Dimethyl phthalate	80 ug/mL
							Fluoranthene	80 ug/mL
							Fluorene	80 ug/mL
							Hexachlorobenzene	80 ug/mL
							Hexachlorobutadiene	80 ug/mL
							Hexachlorocyclopentadiene	80 ug/mL
							Hexachloroethane	80 ug/mL
							Indeno[1,2,3-cd]pyrene	80 ug/mL
							Isophorone	80 ug/mL
							n-Decane	80 ug/mL
							N-Nitrosodi-n-propylamine	80 ug/mL
							N-Nitrosodimethylamine	80 ug/mL
							N-Nitrosodiphenylamine	80 ug/mL
							n-Octadecane	80 ug/mL
							Naphthalene	80 ug/mL
							Nitrobenzene	80 ug/mL
							Pentachlorophenol	160 ug/mL
							Phenanthrene	80 ug/mL
							Phenol	80 ug/mL
							Pyrene	80 ug/mL
							Pyridine	160 ug/mL
..SM-BenzAcid_00021	08/31/26		Restek, Lot A0222783		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00021	10/30/27		Agilent, Lot 0007778114		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL9_LVI_00008	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L9_00007	2 mL	Benzoic acid	24 ug/mL
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	24 ug/mL
							2-tertbutyl-4-methylphenol	24 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	24 ug/mL
							Carbamazepine	24 ug/mL
							Coumarin	24 ug/mL
							n,n'-Dimethylaniline	24 ug/mL
							N-Methylaniline	24 ug/mL
							Pentachloronitrobenzene	24 ug/mL
							Phenyl ether	24 ug/mL
							Bisphenol-A	24 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	6.4 ug/mL
							Benzaldehyde	6.4 ug/mL
							Caprolactam	6.4 ug/mL
							3,3'-Dichlorobenzidine	24 ug/mL
							Benzidine	24 ug/mL
							1,1'-Biphenyl	24 ug/mL
							1,2,4,5-Tetrachlorobenzene	24 ug/mL
							1,2,4-Trichlorobenzene	24 ug/mL
							1,2-Dichlorobenzene	24 ug/mL
							1,2-Diphenylhydrazine	24 ug/mL
							1,3-Dichlorobenzene	24 ug/mL
							1,4-Dichlorobenzene	24 ug/mL
							1,4-Dioxane	24 ug/mL
							1-Methylnaphthalene	24 ug/mL
							2,2'-oxybis[1-chloropropane]	24 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,4,6-Tetrachlorophenol	24 ug/mL
							2,4,5-Trichlorophenol	24 ug/mL
							2,4,6-Trichlorophenol	24 ug/mL
							2,4-Dichlorophenol	24 ug/mL
							2,4-Dimethylphenol	24 ug/mL
							2,4-Dinitrophenol	48 ug/mL
							2,4-Dinitrotoluene	24 ug/mL
							2,6-Dichlorophenol	24 ug/mL
							2,6-Dinitrotoluene	24 ug/mL
							2-Chloronaphthalene	24 ug/mL
							2-Chlorophenol	24 ug/mL
							2-Methylnaphthalene	24 ug/mL
							2-Methylphenol	24 ug/mL
							2-Nitroaniline	24 ug/mL
							2-Nitrophenol	24 ug/mL
							3 & 4 Methylphenol	24 ug/mL
							3-Nitroaniline	24 ug/mL
							4,6-Dinitro-2-methylphenol	48 ug/mL
							4-Bromophenyl phenyl ether	24 ug/mL
							4-Chloro-3-methylphenol	24 ug/mL
							4-Chloroaniline	24 ug/mL
							4-Chlorophenyl phenyl ether	24 ug/mL
							4-Methylphenol	24 ug/mL
							4-Nitroaniline	24 ug/mL
							4-Nitrophenol	48 ug/mL
							Acenaphthene	24 ug/mL
							Acenaphthylene	24 ug/mL
							Acetophenone	24 ug/mL
							Aniline	24 ug/mL
							Anthracene	24 ug/mL
							Azobenzene	24 ug/mL
							Benzo[a]anthracene	24 ug/mL
							Benzo[a]pyrene	24 ug/mL
							Benzo[b]fluoranthene	24 ug/mL
							Benzo[g,h,i]perylene	24 ug/mL
							Benzo[k]fluoranthene	24 ug/mL
							Benzyl alcohol	24 ug/mL
							Bis(2-chloroethoxy)methane	24 ug/mL
							Bis(2-chloroethyl)ether	24 ug/mL
							Bis(2-ethylhexyl) phthalate	24 ug/mL
							Butyl benzyl phthalate	24 ug/mL
							Carbazole	24 ug/mL
							Chrysene	24 ug/mL
							Di-n-butyl phthalate	24 ug/mL
							Di-n-octyl phthalate	24 ug/mL
							Dibenz(a,h)anthracene	24 ug/mL
							Dibenzofuran	24 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Diethyl phthalate	24 ug/mL
							Dimethyl phthalate	24 ug/mL
							Fluoranthene	24 ug/mL
							Fluorene	24 ug/mL
							Hexachlorobenzene	24 ug/mL
							Hexachlorobutadiene	24 ug/mL
							Hexachlorocyclopentadiene	24 ug/mL
							Hexachloroethane	24 ug/mL
							Indeno[1,2,3-cd]pyrene	24 ug/mL
							Isophorone	24 ug/mL
							n-Decane	24 ug/mL
							N-Nitrosodi-n-propylamine	24 ug/mL
							N-Nitrosodimethylamine	24 ug/mL
							N-Nitrosodiphenylamine	24 ug/mL
							n-Octadecane	24 ug/mL
							Naphthalene	24 ug/mL
							Nitrobenzene	24 ug/mL
							Pentachlorophenol	48 ug/mL
							Phenanthrene	24 ug/mL
							Phenol	24 ug/mL
							Pyrene	24 ug/mL
							Pyridine	48 ug/mL
.SV_BNA_L9_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	25 mL	SM-BenzAcid_00021	1500 uL	Benzoic acid	120 ug/mL
					SM_8270_surr_00015	250 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	1500 uL	1,3-Dimethylnaphthalene	120 ug/mL
							2-tertbutyl-4-methylphenol	120 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	120 ug/mL
							Carbamazepine	120 ug/mL
							Coumarin	120 ug/mL
							n,n'-Dimethylaniline	120 ug/mL
							N-Methylaniline	120 ug/mL
							Pentachloronitrobenzene	120 ug/mL
							Phenyl ether	120 ug/mL
					SM_BPA_00021	3000 uL	Bisphenol-A	120 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	400 uL	Atrazine	32 ug/mL
							Benzaldehyde	32 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Caprolactam	32 ug/mL
					SM_std #9BNA_00025	1500 uL	3,3'-Dichlorobenzidine	120 ug/mL
							Benzidine	120 ug/mL
					SM_STD#1mega_00027	3000 uL	1,1'-Biphenyl	120 ug/mL
							1,2,4,5-Tetrachlorobenzene	120 ug/mL
							1,2,4-Trichlorobenzene	120 ug/mL
							1,2-Dichlorobenzene	120 ug/mL
							1,2-Diphenylhydrazine	120 ug/mL
							1,3-Dichlorobenzene	120 ug/mL
							1,4-Dichlorobenzene	120 ug/mL
							1,4-Dioxane	120 ug/mL
							1-Methylnaphthalene	120 ug/mL
							2,2'-oxybis[1-chloropropane]	120 ug/mL
							2,3,4,6-Tetrachlorophenol	120 ug/mL
							2,4,5-Trichlorophenol	120 ug/mL
							2,4,6-Trichlorophenol	120 ug/mL
							2,4-Dichlorophenol	120 ug/mL
							2,4-Dimethylphenol	120 ug/mL
							2,4-Dinitrophenol	240 ug/mL
							2,4-Dinitrotoluene	120 ug/mL
							2,6-Dichlorophenol	120 ug/mL
							2,6-Dinitrotoluene	120 ug/mL
							2-Chloronaphthalene	120 ug/mL
							2-Chlorophenol	120 ug/mL
							2-Methylnaphthalene	120 ug/mL
							2-Methylphenol	120 ug/mL
							2-Nitroaniline	120 ug/mL
							2-Nitrophenol	120 ug/mL
							3 & 4 Methylphenol	120 ug/mL
							3-Nitroaniline	120 ug/mL
							4,6-Dinitro-2-methylphenol	240 ug/mL
							4-Bromophenyl phenyl ether	120 ug/mL
							4-Chloro-3-methylphenol	120 ug/mL
							4-Chloroaniline	120 ug/mL
							4-Chlorophenyl phenyl ether	120 ug/mL
							4-Methylphenol	120 ug/mL
							4-Nitroaniline	120 ug/mL
							4-Nitrophenol	240 ug/mL
							Acenaphthene	120 ug/mL
							Acenaphthylene	120 ug/mL
							Acetophenone	120 ug/mL
							Aniline	120 ug/mL
							Anthracene	120 ug/mL
							Azobenzene	120 ug/mL
							Benzo[a]anthracene	120 ug/mL
							Benzo[a]pyrene	120 ug/mL
							Benzo[b]fluoranthene	120 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[g,h,i]perylene	120 ug/mL
							Benzo[k]fluoranthene	120 ug/mL
							Benzyl alcohol	120 ug/mL
							Bis(2-chloroethoxy)methane	120 ug/mL
							Bis(2-chloroethyl)ether	120 ug/mL
							Bis(2-ethylhexyl) phthalate	120 ug/mL
							Butyl benzyl phthalate	120 ug/mL
							Carbazole	120 ug/mL
							Chrysene	120 ug/mL
							Di-n-butyl phthalate	120 ug/mL
							Di-n-octyl phthalate	120 ug/mL
							Dibenz(a,h)anthracene	120 ug/mL
							Dibenzofuran	120 ug/mL
							Diethyl phthalate	120 ug/mL
							Dimethyl phthalate	120 ug/mL
							Fluoranthene	120 ug/mL
							Fluorene	120 ug/mL
							Hexachlorobenzene	120 ug/mL
							Hexachlorobutadiene	120 ug/mL
							Hexachlorocyclopentadiene	120 ug/mL
							Hexachloroethane	120 ug/mL
							Indeno[1,2,3-cd]pyrene	120 ug/mL
							Isophorone	120 ug/mL
							n-Decane	120 ug/mL
							N-Nitrosodi-n-propylamine	120 ug/mL
							N-Nitrosodimethylamine	120 ug/mL
							N-Nitrosodiphenylamine	120 ug/mL
							n-Octadecane	120 ug/mL
							Naphthalene	120 ug/mL
							Nitrobenzene	120 ug/mL
							Pentachlorophenol	240 ug/mL
							Phenanthrene	120 ug/mL
							Phenol	120 ug/mL
							Pyrene	120 ug/mL
							Pyridine	240 ug/mL
..SM-BenzAcid_00021	08/31/26		Restek, Lot A0222783		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00021	10/30/27		Agilent, Lot 0007778114		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyridine	2000 ug/mL
SV_ICV_ LVI_00012	08/29/25	08/29/24	MeCl2, Lot 1962006	10 mL	SV_BNA_ICV_00012	2 mL	1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
.SV_BNA_ICV_00012	08/29/25	08/29/24	MeCl2, Lot 1962006	25 mL	SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SV_ICV_ LVI_00012	08/29/25	08/29/24	MeCl2, Lot 1962006	10 mL	SV_BNA_ICV_00012	2 mL	2-Methylnaphthalene	10 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Chrysene	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Naphthalene	10 ug/mL
							Phenanthrene	10 ug/mL
							Pyrene	10 ug/mL
.SV_BNA_ICV_00012	08/29/25	08/29/24	MeCl2, Lot 1962006	25 mL	SM_STD1meg2nd_00007	1250 uL	2-Methylnaphthalene	50 ug/mL
							Acenaphthene	50 ug/mL
							Acenaphthylene	50 ug/mL
							Anthracene	50 ug/mL
							Benzo[a]anthracene	50 ug/mL
							Benzo[a]pyrene	50 ug/mL
							Benzo[b]fluoranthene	50 ug/mL
							Benzo[g,h,i]perylene	50 ug/mL
							Benzo[k]fluoranthene	50 ug/mL
							Chrysene	50 ug/mL
							Dibenz(a,h)anthracene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluoranthene	50 ug/mL
							Fluorene	50 ug/mL
							Indeno[1,2,3-cd]pyrene	50 ug/mL
							Naphthalene	50 ug/mL
							Phenanthrene	50 ug/mL
							Pyrene	50 ug/mL
..SM_STD1meg2nd_00007	11/30/25		RESTEK, Lot A02010619		(Purchased Reagent)		2-Methylnaphthalene	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Chrysene	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Naphthalene	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Pyrene	1000 ug/mL

Reagent

7 Freons_00008

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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EF282-USQ5

R2563
MS 12/10/24 #12227931

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Eli Aliaga	040723
Formulated By: Eli Aliaga	DATE
Pedro Rentas	040723
Reviewed By: Pedro L. Rentas	DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

8260 SURR C_00069

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2603

MS 3/18/25 #12422898

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01 08/04/2025

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 1 of 1221

Reagent

8260 SURR C_00070

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2609

MS 4/30/25 #12545026

08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 1 of 221

Reagent

8260ISNEW_00210

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2592

MS 2/7/25 #12340821

08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0217062

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,001.3 µg/mL	+/- 62.1141
2	2-Butanone-d5	24313-50-6	M-276	99%	1,250.9 µg/mL	+/- 15.5357
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.0 µg/mL	+/- 3.1065
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,004.3 µg/mL	+/- 62.1513
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.3 µg/mL	+/- 3.1102
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1152

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)

CAS # 67-56-1/7732-18-5

Purity 99%

Page 1221

Reagent

8260ISNEW_00213

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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MS 4/25/25 R2607 #12531234

ilac-MRA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0224544

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : April 30, 2030 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,009.5 µg/mL	+/- 62.2159
2	2-Butanone-d5	24313-50-6	HJ-279	99%	1,250.3 µg/mL	+/- 15.5276
3	Fluorobenzene	462-06-6	BCBZ5549	99%	251.8 µg/mL	+/- 3.1282
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,011.6 µg/mL	+/- 62.2423
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	251.8 µg/mL	+/- 3.1282
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	251.4 µg/mL	+/- 3.1236

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Page 1221 of

Reagent

ACROLEIN_00025

R2511

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ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0209476

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RP240118CTH	99%	19,917.5 µg/mL	+/- 585.1357

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Page 145 of 1221

Reagent

Acrylonitrile_00010

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 061523
Description: Acrylonitrile

Solvent: Methanol **Lot#** EE584-USQ7

R2520 MS 5/21/24 #11756671

Eli Aliaga	061523
Formulated By: Eli Aliaga	DATE
Pedro Rentas	061523
Reviewed By: Pedro L. Rentas	DATE

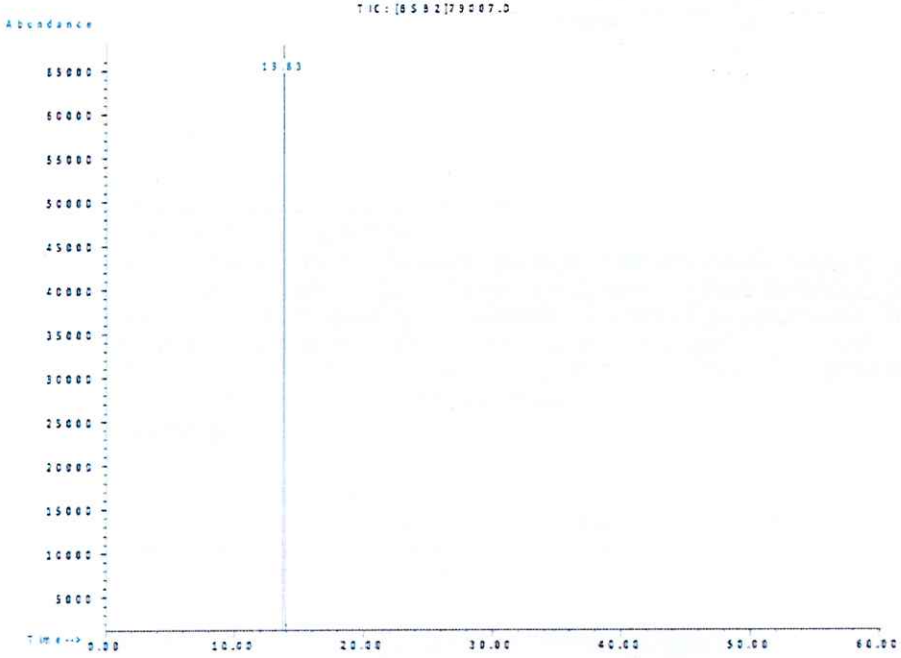
Expiration Date: 061526
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

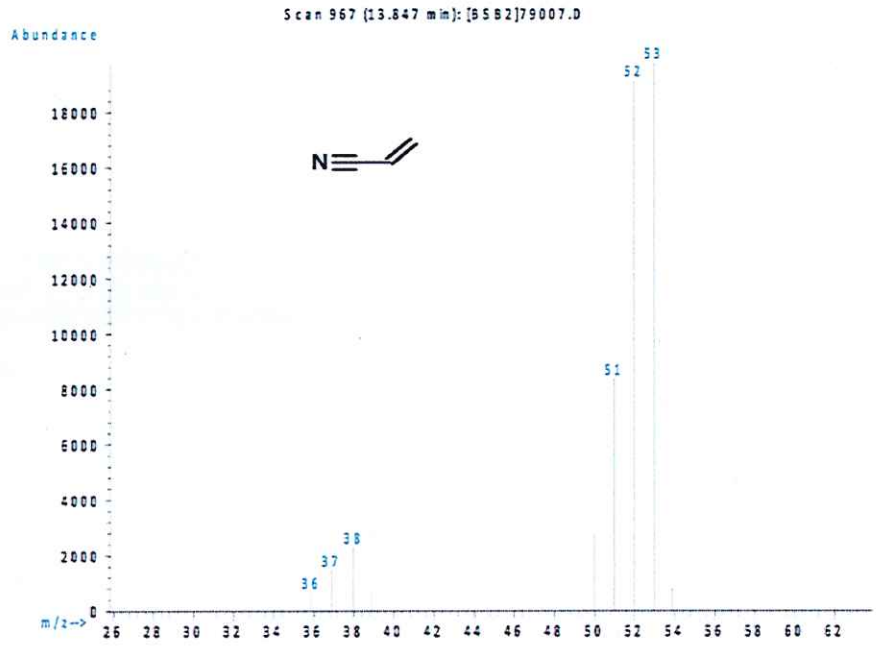
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 50.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05063	1001.9	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

SIGMA-ALDRICH®

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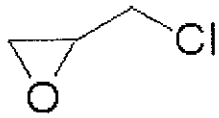
3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

ETHANOL(new)_00026

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2582

MS 1/15/25 #12292276

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02
08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0220852

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR7934	99%	100,059.0 µg/mL	+/- 1,244.6087

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 221

Reagent

Extra Cmpd_00025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 010825
Description: VOC Standard 2015
14 components
Expiration Date: 010828
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): **Lot#**
Methanol EJ143-USQ6

R2581

MS 1/10/25 #12285003

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 75.0 0.021 Flask Uncertainty

Prashant Chauhan 010825
Formulated By: Prashant Chauhan DATE

Pedro Rentas 010825
Reviewed By: Pedro L. Rentas DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	n-Amyl acetate	1515	OGL01	2500	98	0.2	0.19133	0.19150	2502.3	10.4	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2.	tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.19133	0.19144	2501.5	10.4	919-94-8	N/A	inh-mus 81284mg/m3/15H
3.	n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.18939	0.18948	2501.1	10.3	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4.	Butyl methacrylate	1314	03220HG	2500	99	0.2	0.18939	0.18950	2501.4	10.3	97-88-1	N/A	orl-rat 18 g/kg
5.	Cyclopentene	519	MKCL5160	2500	98.3	0.2	0.19074	0.19089	2501.9	10.4	142-29-0	N/A	orl-rat 1656mg/kg
6.	4-Ethyltoluene	1001	031097	2500	99	0.2	0.18939	0.18945	2500.7	10.3	622-96-8	N/A	N/A
7.	Indan	955	06309PV	2500	96	0.2	0.19531	0.19545	2501.8	10.6	496-11-7	N/A	N/A
8.	Isoprene	1541	SHBN7340	2500	99.7	0.2	0.18806	0.18825	2502.5	10.2	78-79-5	N/A	N/A
9.	Isopropyl acetate	1106	MKCQ4616	2500	99.90	0.2	0.18769	0.18781	2501.6	10.2	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10.	Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.18769	0.18780	2501.5	10.2	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11.	n-Pentane	783	LX202310NP	**5000**	99.57	0.2	0.37662	0.37682	**5002.7**	20.3	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12.	Propyl acetate	1105	05017HY	2500	99	0.2	0.18939	0.18950	2501.4	10.3	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13.	1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.19133	0.19150	2502.3	10.4	95-93-2	N/A	orl-rat 6989mg/kg
14.	1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.19133	0.19148	2502.0	10.4	105-05-5	N/A	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

GASES C_00042

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110 Benner Circle
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Certificate of Analysis

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R2588

MS 2/5/25 # 12335374

08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

KetonesC_00031

RESTEK
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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02
08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00025

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1/31/25 MS R2587 #12323893

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0221376

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBS0800	99%	25,216.5 µg/mL	+/- 412.3381
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	S241007RSR	99%	2,520.0 µg/mL	+/- 41.2189
3	Methacrylonitrile	126-98-7	1012014	99%	25,138.0 µg/mL	+/- 411.0545
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBR4221	99%	2,522.5 µg/mL	+/- 41.2598
5	1-Butanol	71-36-3	101601K21K	99%	62,777.0 µg/mL	+/- 1,026.5175
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,028.0 µg/mL	+/- 82.2174
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,523.5 µg/mL	+/- 41.2761
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	2,506.4 µg/mL	+/- 40.9956
9	Benzyl chloride	100-44-7	MKCM5986	99%	2,518.0 µg/mL	+/- 41.1862
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,508.0 µg/mL	+/- 41.0226

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

LIST2/STD7_00027

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Certificate of Analysis

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R2579

1/3125 MS

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0213624

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBR4534	99%	5,029.0 µg/mL	+/- 173.8139
2	Ethyl acrylate	140-88-5	10129902	99%	2,508.5 µg/mL	+/- 86.7053
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,011.5 µg/mL	+/- 173.2091
4	Butyl acetate	123-86-4	SHBR2024	99%	2,508.5 µg/mL	+/- 86.7053

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

Mega Mix SS_00022

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Certificate of Analysis

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R2538

MS 8/20/24 # 11963397

08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992.SEC **Lot No.:** A0195252

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7.SEC	F23X068	99%	2,516.7 µg/mL	+/- 86.9644
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1.SEC	18342	99%	2,520.0 µg/mL	+/- 87.0795
3	1,1-Dichloroethene	75-35-4.SEC	13896500	99%	2,525.0 µg/mL	+/- 87.2523
4	tert-Butanol (TBA)	75-65-0.SEC	DI34O	99%	25,129.5 µg/mL	+/- 868.3580
5	Methyl acetate	79-20-9.SEC	UCNEL	99%	5,029.0 µg/mL	+/- 173.7790
6	Iodomethane (methyl iodide)	74-88-4.SEC	Y25A027	99%	2,521.7 µg/mL	+/- 87.1371
7	Allyl chloride (3-chloropropene)	107-05-1.SEC	RD210329	99%	2,518.2 µg/mL	+/- 87.0162
8	Methylene chloride (dichloromethane)	75-09-2.SEC	FGM02	99%	2,516.7 µg/mL	+/- 86.9644
9	Carbon disulfide	75-15-0.SEC	MKBL1376V	99%	2,511.7 µg/mL	+/- 86.7916
10	Acrylonitrile	107-13-1.SEC	V54AD	99%	25,200.3 µg/mL	+/- 870.8057
11	Methyl-tert-butyl ether (MTBE)	1634-04-4.SEC	CDCQG	99%	2,517.3 µg/mL	+/- 86.9874
12	cis-1,2-Dichloroethene	156-59-2.SEC	YZO5O	99%	2,515.3 µg/mL	+/- 86.9183
13	n-Hexane (C6)	110-54-3.SEC	10188491	99%	2,514.7 µg/mL	+/- 86.8953
14	1,1-Dichloroethane	75-34-3.SEC	1026.30-3	98%	2,512.6 µg/mL	+/- 86.8223
15	2,2-Dichloropropane	594-20-7.SEC	GI01	99%	2,521.5 µg/mL	+/- 87.1314
16	trans-1,2-Dichloroethene	156-60-5.SEC	L5QOH	99%	2,525.0 µg/mL	+/- 87.2523

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17	Isobutanol (2-Methyl-1-propanol)	78-83-1.SEC	PH2XK	99%	62,830.8	µg/mL	+/- 2,171.1398
18	Chloroform	67-66-3.SEC	1297547	99%	2,511.7	µg/mL	+/- 86.7916
19	Bromochloromethane	74-97-5 *	230206JLM	99%	2,515.7	µg/mL	+/- 86.9298
20	Tetrahydrofuran	109-99-9.SEC	3NYHE	99%	5,018.5	µg/mL	+/- 173.4162
21	1,1,1-Trichloroethane	71-55-6.SEC	13891800	99%	2,506.5	µg/mL	+/- 86.6130
22	Cyclohexane	110-82-7.SEC	YADRA	99%	2,523.3	µg/mL	+/- 87.1947
23	1,1-Dichloropropene	563-58-6.SEC	556500	99%	2,520.5	µg/mL	+/- 87.0968
24	Carbon tetrachloride	56-23-5.SEC	11466	99%	2,520.5	µg/mL	+/- 87.0968
25	n-Heptane (C7)	142-82-5.SEC	TFHUC	99%	2,516.5	µg/mL	+/- 86.9586
26	1,2-Dichloroethane	107-06-2.SEC	00016165	99%	2,519.8	µg/mL	+/- 87.0738
27	Benzene	71-43-2.SEC	101960P29K	99%	2,518.8	µg/mL	+/- 87.0392
28	Trichloroethene	79-01-6.SEC	H04X050	99%	2,524.3	µg/mL	+/- 87.2293
29	Methylcyclohexane	108-87-2.SEC	Q02QG	99%	2,515.8	µg/mL	+/- 86.9356
30	1,2-Dichloropropane	78-87-5.SEC	ERRBI-RH	99%	2,516.8	µg/mL	+/- 86.9701
31	1,4-Dioxane	123-91-1.SEC	QHRWO	99%	50,137.2	µg/mL	+/- 1,732.5061
32	Dibromomethane	74-95-3.SEC	MOKKJ	99%	2,516.3	µg/mL	+/- 86.9528
33	cis-1,3-Dichloropropene	10061-01-5.SEC	ZLXJ-TJ	99%	2,502.8	µg/mL	+/- 86.4863
34	Toluene	108-88-3.SEC	YND2B-BD	99%	2,522.2	µg/mL	+/- 87.1544
35	Ethyl methacrylate	97-63-2.SEC	AQSPO	99%	2,510.8	µg/mL	+/- 86.7628
36	trans-1,3-Dichloropropene	10061-02-6.SEC	DMSL	98%	2,517.1	µg/mL	+/- 86.9804
37	1,1,2-Trichloroethane	79-00-5.SEC	9245400	99%	2,512.2	µg/mL	+/- 86.8089
38	1,3-Dichloropropane	142-28-9.SEC	IQCON	99%	2,519.3	µg/mL	+/- 87.0565
39	Tetrachloroethene	127-18-4.SEC	F09W014	99%	2,521.3	µg/mL	+/- 87.1256
40	Dibromochloromethane	124-48-1.SEC	10234064	99%	2,517.5	µg/mL	+/- 86.9932
41	1,2-Dibromoethane (EDB)	106-93-4.SEC	050675P15E	99%	2,518.3	µg/mL	+/- 87.0220
42	Chlorobenzene	108-90-7.SEC	1161936	99%	2,515.8	µg/mL	+/- 86.9356
43	m-Xylene	108-38-3.SEC	7ZV6F	99%	1,255.3	µg/mL	+/- 43.3814
44	p-Xylene	106-42-3.SEC	D6UOA	99%	1,260.3	µg/mL	+/- 43.5541
45	Ethylbenzene	100-41-4.SEC	PI4SE	99%	2,517.7	µg/mL	+/- 86.9989
46	1,1,1,2-Tetrachloroethane	630-20-6.SEC	13789800	99%	2,517.5	µg/mL	+/- 86.9932
47	o-Xylene	95-47-6.SEC	UJ6RI	99%	2,515.8	µg/mL	+/- 86.9356
48	Styrene	100-42-5.SEC	QGQ7F	99%	2,521.3	µg/mL	+/- 87.1256
49	Isopropylbenzene (cumene)	98-82-8.SEC	7P24L	99%	2,515.0	µg/mL	+/- 86.9068
50	Bromoform	75-25-2.SEC	13723500	99%	2,522.5	µg/mL	+/- 87.1659
51	Bromodichloromethane	75-27-4.SEC	28128	99%	2,524.2	µg/mL	+/- 87.2235
52	1,1,2,2-Tetrachloroethane	79-34-5.SEC	BCCD5088	99%	2,523.7	µg/mL	+/- 87.2063

53	1,2,3-Trichloropropane	96-18-4.SEC 6V2ED	99%	2,522.2	µg/mL	+/- 87.1544
54	trans-1,4-Dichloro-2-butene	110-57-6.SEC RD230316RSR	96%	2,517.0	µg/mL	+/- 86.9745
55	n-Propylbenzene	103-65-1.SEC XCGEC	99%	2,518.8	µg/mL	+/- 87.0392
56	Bromobenzene	108-86-1.SEC 2FUHG-EM	99%	2,518.3	µg/mL	+/- 87.0220
57	1,3,5-Trimethylbenzene	108-67-8.SEC GI2SM	99%	2,514.3	µg/mL	+/- 86.8837
58	2-Chlorotoluene	95-49-8.SEC BRHPM	99%	2,515.7	µg/mL	+/- 86.9298
59	4-Chlorotoluene	106-43-4.SEC S5SKD	99%	2,518.8	µg/mL	+/- 87.0392
60	tert-Butylbenzene	98-06-6.SEC D6OHC	99%	2,522.0	µg/mL	+/- 87.1487
61	1,2,4-Trimethylbenzene	95-63-6.SEC JHZDD	99%	2,517.3	µg/mL	+/- 86.9874
62	sec-Butylbenzene	135-98-8.SEC O4HRF	99%	2,522.0	µg/mL	+/- 87.1487
63	4-Isopropyltoluene (p-cymene)	99-87-6.SEC 13889300	98%	2,518.1	µg/mL	+/- 87.0142
64	1,3-Dichlorobenzene	541-73-1.SEC ZA2ZI	99%	2,515.0	µg/mL	+/- 86.9068
65	1,4-Dichlorobenzene	106-46-7.SEC J5GVD	99%	2,522.5	µg/mL	+/- 87.1659
66	n-Butylbenzene	104-51-8.SEC MMPGA	99%	2,523.7	µg/mL	+/- 87.2063
67	1,2-Dichlorobenzene	95-50-1.SEC R6QDM	99%	2,512.0	µg/mL	+/- 86.8031
68	1,2-Dibromo-3-chloropropane	96-12-8.SEC Q135-105	99%	2,517.7	µg/mL	+/- 86.9989
69	1,2,4-Trichlorobenzene	120-82-1.SEC IGLFA	99%	2,515.7	µg/mL	+/- 86.9298
70	Hexachlorobutadiene	87-68-3.SEC 13889400	97%	2,520.4	µg/mL	+/- 87.0928
71	Naphthalene	91-20-3.SEC AM5NG	99%	2,520.0	µg/mL	+/- 87.0795
72	1,2,3-Trichlorobenzene	87-61-6.SEC A0043055	99%	2,517.8	µg/mL	+/- 87.0047

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

08/04/2025
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Reagent

Mega Mix_00043

RESTEK
110 Benner Circle
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MS 1/3/25 R 2576 #12275361

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

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53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Mega Mix_00044

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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

MS 5/13/25 R2613 # 12576993

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01 08/04/2025
ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

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53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

OP_MEGA_2017_00016

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Certificate of Analysis

ISO Guide 34 Accredited
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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571995.SEC **Lot No.:** A02010619

Description : 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Carcinogen/reproductive toxin. Photosensitive. Sonicate.

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	1,4-Dioxane **CAS #** 123-91-1.SEC (Lot MUFZH) **Purity** 99%	1,000.0 µg/mL	+/- 5.8275 µg/mL +/- 11.9606 µg/mL +/- 19.0288 µg/mL	Gravimetric Unstressed Stressed
2	N-Nitrosodimethylamine **CAS #** 62-75-9.SEC (Lot 61H72) **Purity** 99%	1,000.0 µg/mL	+/- 5.8275 µg/mL +/- 11.9606 µg/mL +/- 19.0288 µg/mL	Gravimetric Unstressed Stressed
3	Pyridine **CAS #** 110-86-1.SEC (Lot QN8DK) **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 µg/mL +/- 23.9081 µg/mL +/- 38.0494 µg/mL	Gravimetric Unstressed Stressed
4	Phenol **CAS #** 108-95-2.SEC (Lot EDPYN) **Purity** 99%	1,000.6 µg/mL	+/- 5.8310 µg/mL +/- 11.9678 µg/mL +/- 19.0402 µg/mL	Gravimetric Unstressed Stressed
5	Aniline **CAS #** 62-53-3.SEC (Lot ZCD3N) **Purity** 99%	1,000.4 µg/mL	+/- 5.8299 µg/mL +/- 11.9654 µg/mL +/- 19.0364 µg/mL	Gravimetric Unstressed Stressed
6	Bis(2-chloroethyl)ether **CAS #** 111-44-4.SEC (Lot FA010143) **Purity** 99%	1,000.6 µg/mL	+/- 5.8310 µg/mL +/- 11.9678 µg/mL +/- 19.0402 µg/mL	Gravimetric Unstressed Stressed
7	n-Decane (C10) **CAS #** 124-18-5.SEC (Lot UCVNN) **Purity** 99%	1,000.0 µg/mL	+/- 5.8275 µg/mL +/- 11.9606 µg/mL +/- 19.0288 µg/mL	Gravimetric Unstressed Stressed

8	2-Chlorophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 95-57-8.SEC	(Lot GJ01)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
9	1,3-Dichlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 541-73-1.SEC	(Lot FMDFD)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
10	1,4-Dichlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 106-46-7.SEC	(Lot 4Y5DC)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
11	Benzyl alcohol		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 100-51-6.SEC	(Lot QZBUO)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
12	1,2-Dichlorobenzene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 95-50-1.SEC	(Lot R6QDM)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
13	2-Methylphenol (o-cresol)		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 95-48-7.SEC	(Lot NC7HL)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
14	2,2'-oxybis(1-chloropropane)		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 108-60-1.SEC	(Lot 2-KMW-57-8)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
15	Acetophenone		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 98-86-2.SEC	(Lot NSGTI)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
16	3-Methylphenol (m-cresol)		500.0	µg/mL	+/-	2.9138	µg/mL	Gravimetric
	CAS # 108-39-4.SEC	(Lot 6LHTM)			+/-	5.9803	µg/mL	Unstressed
	Purity 99%				+/-	9.5144	µg/mL	Stressed
17	4-Methylphenol (p-cresol)		501.0	µg/mL	+/-	2.9196	µg/mL	Gravimetric
	CAS # 106-44-5.SEC	(Lot 65S2E)			+/-	5.9923	µg/mL	Unstressed
	Purity 99%				+/-	9.5334	µg/mL	Stressed
18	N-Nitroso-di-n-propylamine		1,001.4	µg/mL	+/-	5.8357	µg/mL	Gravimetric
	CAS # 621-64-7.SEC	(Lot 4423200)			+/-	11.9773	µg/mL	Unstressed
	Purity 99%				+/-	19.0555	µg/mL	Stressed
19	Hexachloroethane		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 67-72-1.SEC	(Lot 10173016)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
20	Nitrobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 98-95-3.SEC	(Lot FLYIG)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
21	Isophorone		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 78-59-1.SEC	(Lot XHGJI)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
22	2-Nitrophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 88-75-5.SEC	(Lot GXJ7J)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
23	2,4-Dimethylphenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 105-67-9.SEC	(Lot MKBL3650V)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed

24	Bis(2-chloroethoxy)methane		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 111-91-1 *	(Lot 5670100)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
25	2,4-Dichlorophenol		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 120-83-2.SEC	(Lot FHM01)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
26	1,2,4-Trichlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 120-82-1.SEC	(Lot OGO01)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
27	Naphthalene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 91-20-3.SEC	(Lot SKZ5N)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
28	2,6-Dichlorophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 87-65-0.SEC	(Lot SIDBB)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
29	4-Chloroaniline		1,000.2	µg/mL	+/-	5.8287	µg/mL	Gravimetric
	CAS # 106-47-8.SEC	(Lot 10171860)			+/-	11.9630	µg/mL	Unstressed
	Purity 99%				+/-	19.0326	µg/mL	Stressed
30	Hexachlorobutadiene		1,000.5	µg/mL	+/-	5.8302	µg/mL	Gravimetric
	CAS # 87-68-3.SEC	(Lot 1068200)			+/-	11.9661	µg/mL	Unstressed
	Purity 97%				+/-	19.0375	µg/mL	Stressed
31	4-Chloro-3-methylphenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 59-50-7.SEC	(Lot FDO02)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
32	2-Methylnaphthalene		1,000.8	µg/mL	+/-	5.8320	µg/mL	Gravimetric
	CAS # 91-57-6.SEC	(Lot 76023-1)			+/-	11.9699	µg/mL	Unstressed
	Purity 98%				+/-	19.0436	µg/mL	Stressed
33	1-Methylnaphthalene		1,000.1	µg/mL	+/-	5.8279	µg/mL	Gravimetric
	CAS # 90-12-0.SEC	(Lot UATSA)			+/-	11.9614	µg/mL	Unstressed
	Purity 97%				+/-	19.0302	µg/mL	Stressed
34	1,2,4,5-Tetrachlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 95-94-3.SEC	(Lot AF02)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
35	Hexachlorocyclopentadiene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 77-47-4.SEC	(Lot 5608400)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
36	2,4,6-Trichlorophenol		1,000.6	µg/mL	+/-	5.8309	µg/mL	Gravimetric
	CAS # 88-06-2.SEC	(Lot UUMYM)			+/-	11.9675	µg/mL	Unstressed
	Purity 98%				+/-	19.0399	µg/mL	Stressed
37	2,4,5-Trichlorophenol		1,000.1	µg/mL	+/-	5.8279	µg/mL	Gravimetric
	CAS # 95-95-4.SEC	(Lot MKBQ9937V)			+/-	11.9614	µg/mL	Unstressed
	Purity 97%				+/-	19.0302	µg/mL	Stressed
38	2-Chloronaphthalene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 91-58-7.SEC	(Lot LC07783V)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
39	Biphenyl		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 92-52-4.SEC	(Lot 33OQE)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed

40	2-Nitroaniline		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 88-74-4.SEC	(Lot T6E7B)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
41	Acenaphthylene		999.9	µg/mL	+/-	5.8271	µg/mL	Gravimetric
	CAS # 208-96-8.SEC	(Lot 0012014)			+/-	11.9598	µg/mL	Unstressed
	Purity 96%				+/-	19.0276	µg/mL	Stressed
42	1,3-Dinitrobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 99-65-0.SEC	(Lot 3XXLB)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
43	Dimethylphthalate		1,002.0	µg/mL	+/-	5.8392	µg/mL	Gravimetric
	CAS # 131-11-3.SEC	(Lot 483WC)			+/-	11.9845	µg/mL	Unstressed
	Purity 99%				+/-	19.0669	µg/mL	Stressed
44	2,6-Dinitrotoluene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 606-20-2.SEC	(Lot GE01)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
45	3-Nitroaniline		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 99-09-2.SEC	(Lot FGN03)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
46	Acenaphthene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 83-32-9.SEC	(Lot BWZJE)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
47	2,4-Dinitrophenol		2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 51-28-5.SEC	(Lot YTR6B)			+/-	23.9081	µg/mL	Unstressed
	Purity 99%				+/-	38.0494	µg/mL	Stressed
48	Dibenzofuran		1,000.8	µg/mL	+/-	5.8322	µg/mL	Gravimetric
	CAS # 132-64-9.SEC	(Lot 27ZGC)			+/-	11.9702	µg/mL	Unstressed
	Purity 99%				+/-	19.0440	µg/mL	Stressed
49	4-Nitrophenol		2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 100-02-7.SEC	(Lot 2J5LB)			+/-	23.9081	µg/mL	Unstressed
	Purity 99%				+/-	38.0494	µg/mL	Stressed
50	2,4-Dinitrotoluene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 121-14-2.SEC	(Lot SHRSA)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
51	2,3,4,6-Tetrachlorophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 58-90-2.SEC	(Lot LC19623V)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
52	Fluorene		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 86-73-7.SEC	(Lot 5027400)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
53	n-Hexadecane (C16)		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 544-76-3.SEC	(Lot A0328141)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
54	Diethylphthalate		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 84-66-2.SEC	(Lot UMBJC)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
55	4-Chlorophenyl phenyl ether		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 7005-72-3.SEC	(Lot P31G)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed

56	4-Nitroaniline		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 100-01-6.SEC	(Lot 5ITRC)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
57	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)		2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 534-52-1.SEC	(Lot 6333400)			+/-	23.9081	µg/mL	Unstressed
	Purity 99%				+/-	38.0494	µg/mL	Stressed
58	Diphenylamine		850.0	µg/mL	+/-	4.9534	µg/mL	Gravimetric
	CAS # 122-39-4.SEC	(Lot 10164691)			+/-	10.1665	µg/mL	Unstressed
	Purity 99%				+/-	16.1745	µg/mL	Stressed
59	Azobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 103-33-3.SEC	(Lot JUWAG)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
60	4-Bromophenyl phenyl ether		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 101-55-3.SEC	(Lot 84C6D)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
61	Hexachlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 118-74-1.SEC	(Lot G120431)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
62	Pentachlorophenol		2,000.4	µg/mL	+/-	11.6305	µg/mL	Gravimetric
	CAS # 87-86-5.SEC	(Lot 5784900)			+/-	23.9129	µg/mL	Unstressed
	Purity 99%				+/-	38.0570	µg/mL	Stressed
63	n-Octadecane (C18)		1,001.0	µg/mL	+/-	5.8333	µg/mL	Gravimetric
	CAS # 593-45-3.SEC	(Lot G14U045)			+/-	11.9726	µg/mL	Unstressed
	Purity 99%				+/-	19.0478	µg/mL	Stressed
64	Phenanthrene		1,002.0	µg/mL	+/-	5.8389	µg/mL	Gravimetric
	CAS # 85-01-8.SEC	(Lot 4708400)			+/-	11.9839	µg/mL	Unstressed
	Purity 98%				+/-	19.0660	µg/mL	Stressed
65	Anthracene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 120-12-7.SEC	(Lot WDFNJ)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
66	Carbazole		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 86-74-8.SEC	(Lot LMIZB)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
67	Di-n-butylphthalate		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 84-74-2.SEC	(Lot 42FSG)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
68	Fluoranthene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 206-44-0.SEC	(Lot FREGF)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
69	Pyrene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 129-00-0.SEC	(Lot ROVJC)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
70	Benzyl butyl phthalate		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 85-68-7.SEC	(Lot GX3GL)			+/-	11.9605	µg/mL	Unstressed
	Purity 98%				+/-	19.0287	µg/mL	Stressed
71	Benz(a)anthracene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 56-55-3.SEC	(Lot MTENF)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed

72	chrysene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 218-01-9.SEC	(Lot NICZC)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
73	Bis(2-ethylhexyl)phthalate		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 117-81-7.SEC	(Lot MT8AG)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
74	Di-n-octyl phthalate		1,000.8	µg/mL	+/-	5.8322	µg/mL	Gravimetric
	CAS # 117-84-0.SEC	(Lot O8DLD)			+/-	11.9702	µg/mL	Unstressed
	Purity 99%				+/-	19.0440	µg/mL	Stressed
75	Benzo(b)fluoranthene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 205-99-2.SEC	(Lot 022011)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
76	Benzo(k)fluoranthene		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 207-08-9.SEC	(Lot ER041513-01)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
77	Benzo(a)pyrene		1,000.5	µg/mL	+/-	5.8302	µg/mL	Gravimetric
	CAS # 50-32-8.SEC	(Lot M8DFD)			+/-	11.9661	µg/mL	Unstressed
	Purity 97%				+/-	19.0375	µg/mL	Stressed
78	Indeno(1,2,3-cd)pyrene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 193-39-5.SEC	(Lot 0012014)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
79	Dibenz(a,h)anthracene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 53-70-3.SEC	(Lot 0012011)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
80	Benzo(g,h,i)perylene		1,000.1	µg/mL	+/-	5.8279	µg/mL	Gravimetric
	CAS # 191-24-2.SEC	(Lot 0022012)			+/-	11.9614	µg/mL	Unstressed
	Purity 97%				+/-	19.0302	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Specific Reference Material Notes:

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

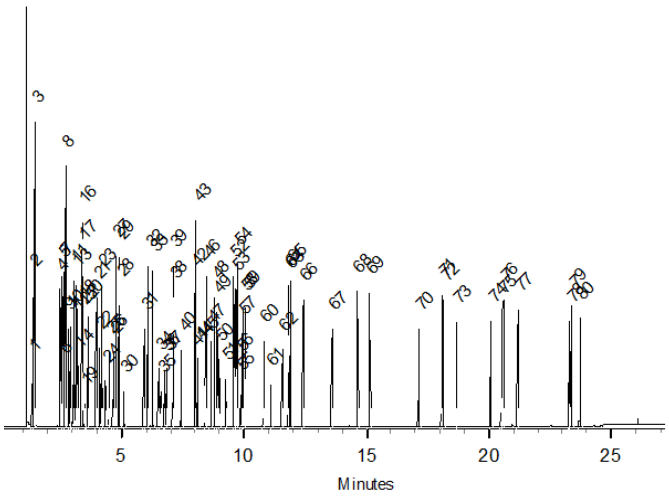
Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Date Mixed: 28-Sep-2017 **Balance:** 1128342313

Justine Albertson - Operations Tech-ARM QC

Date Passed: 13-Oct-2017

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

OP_std #1_BNA_00015

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569730.SEC **Lot No.:** A020147867

Description : 8270 List 1 / Std #9

8270 List 1 / Std #9 2000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2025 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin.

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Benzidine	2,013.5 µg/mL	+/- 11.8163 µg/mL	Gravimetric
	CAS # 92-87-5.SEC (Lot 8616600)		+/- 24.1230 µg/mL	Unstressed
	Purity 99%		+/- 38.3399 µg/mL	Stressed
2	3,3'-Dichlorobenzidine	2,000.0 µg/mL	+/- 11.7371 µg/mL	Gravimetric
	CAS # 91-94-1.SEC (Lot 8490800)		+/- 23.9613 µg/mL	Unstressed
	Purity 99%		+/- 38.0829 µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

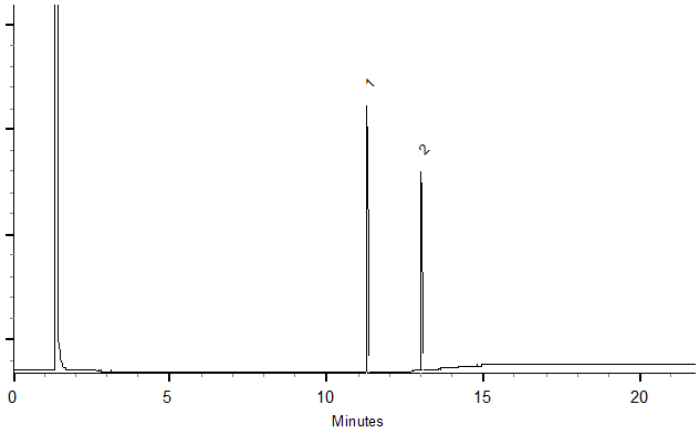
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brandon Reish - Mix Technician

Date Mixed: 26-Mar-2020 **Balance:** 1122030677

Justine Albertson - Operations Tech-ARM QC

Date Passed: 30-Mar-2020

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

POLAR ADD_00031

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

1/3/25 MS R2578 #12275363

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01 08/04/2025

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 2 of 1221

Reagent

SM-BenzAcid_00021

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569731 **Lot No.:** A0222783

Description : 8270 List 1 / Std #10

8270 List 1 / Std #10 2,000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Indene	95-13-6	RD230927	99%	2,000.8 µg/mL	+/- 112.3981
2	Benzoic acid	65-85-0	MKCR2694	99%	2,002.8 µg/mL	+/- 112.5105

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

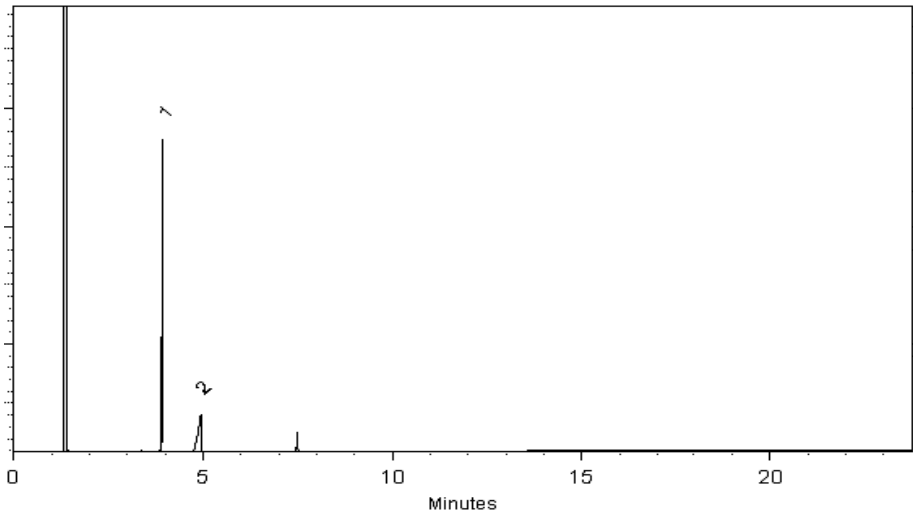
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 27-Feb-2025 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Mar-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

SM_1,4-Dioxan_00017

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 1,4-Dioxane Standard
Product Number: NV-152-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 00067424517
Lot Issue Date: 12-Feb-2024
Expiration Date: 31-Mar-2028

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
1,4-dioxane	2006	±	10 µg/mL	000123-91-1	RM20283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

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Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO 17034
REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.1

ISO 17025

08/04/2025

Reagent

SM_4,6-DC-10X_00003

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name: 2-Methyl-4,6-Dinitrophenol Standard

Product Number: PH-150-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006673574

Lot Issue Date: 13-Apr-2022

Expiration Date: 31-May-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
2-methyl-4,6-dinitrophenol	1003	± 5 µg/mL	000534-52-1	RM02292

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Reagent

SM_8270_surr_00015

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	8270 Surrogate Std - 6 at 5000ug/mL (5mL)	**Lot Number:**	0006823184
Product Number:	CUS-00004795	**Lot Issue Date:**	15-Nov-2024
Storage Conditions:	Store Refrigerated (2° to 8°C).	**Expiration Date:**	31-Dec-2026

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
2-fluorophenol	5015	±	25 µg/mL	000367-12-4	RM18822
phenol-d5	5019	±	25 µg/mL	004165-62-2	RM21937
nitrobenzene-d5	5010	±	25 µg/mL	004165-60-0	RM19321
2-fluorobiphenyl	5017	±	25 µg/mL	000321-60-8	RM20736
2,4,6-tribromophenol	5010	±	25 µg/mL	000118-79-6	RM10846
p-terphenyl-d14	5019	±	25 µg/mL	001718-51-0	RM15588

Matrix: methylene chloride (Burdick and Jackson)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

Agilent

Trusted Answers

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

Reagent

SM_8270cusmix_00006

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 8270 Custom Mix - 10 at 2000ug/mL (5mL)
Lot Number: 0007762104
Product Number: CUS-00003500
Lot Issue Date: 14-Oct-2024
Storage Conditions: Store Refrigerated (2° to 8°C).
Expiration Date: 10-Oct-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
1,3-dimethylnaphthalene	2007	±	10 µg/mL	000575-41-7	NT00962
BHT (2,6-di-tert-butyl-4-methylphenol)	2009	±	10 µg/mL	000128-37-0	NT02073
2-tert-butyl-p-cresol	2009	±	10 µg/mL	002409-55-4	RM15026-01
benzonitrile	2009	±	10 µg/mL	000100-47-0	RM15318
carbamazepin	2010	±	10 µg/mL	000298-46-4	RM05185
coumarin	2010	±	10 µg/mL	000091-64-5	RM01892
N-methylaniline	2009	±	10 µg/mL	000100-61-8	RM15275
pentachloronitrobenzene	2009	±	10 µg/mL	000082-68-8	RM12207
diphenyl ether	2009	±	10 µg/mL	000101-84-8	RM15316
N,N-dimethylaniline	2009	±	10 µg/mL	000121-69-7	RM15319

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

Reagent

SM_BPA_00021

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Bisphenol A Std - 1000ug/mL (5mL)
Product Number: CUS-00003804
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0007778114
Lot Issue Date: 13-Sep-2024
Expiration Date: 30-Oct-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
bisphenol A	1004	±	5 µg/mL	000080-05-7	RM14528-01

Matrix: methylene chloride (dichloromethane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

Reagent

SM_HexaCB_00015

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Bis(2-chloroethyl) Ether Standard
Product Number: EPA-1081-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006736401
Lot Issue Date: 22-Mar-2023
Expiration Date: 30-Apr-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
bis(2-chloroethyl) ether	5017	±	25 µg/mL	000111-44-4	RM15508

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Hexachlorobenzene Standard

Product Number: CH-151-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006683905

Lot Issue Date: 27-May-2022

Expiration Date: 30-Jun-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
hexachlorobenzene	100.2 ±	0.5 µg/mL	000118-74-1	RM03125

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: N-Nitrosodimethylamine Standard

Product Number: NS-100-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006733950

Lot Issue Date: 09-Mar-2023

Expiration Date: 30-Apr-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
N-nitrosodimethylamine	100.3	±	0.5 µg/mL	000062-75-9	RM20316

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: N-Nitrosodimethylamine Standard

Product Number: NS-100-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006747589

Lot Issue Date: 09-Jun-2023

Expiration Date: 31-Jul-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
N-nitrosodimethylamine	100.3	±	0.5 µg/mL	000062-75-9	RM21283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
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ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name: 2-Methyl-4,6-Dinitrophenol Standard
Product Number: PH-150-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006673574
Lot Issue Date: 13-Apr-2022
Expiration Date: 31-May-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
2-methyl-4,6-dinitrophenol	1003 ±	5 µg/mL	000534-52-1	RM02292

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
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Homogeneity:
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Instructions for Use:
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Safety:
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Intended Use:
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Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 1,4-Dioxane Standard

Product Number: NV-152-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006731455

Lot Issue Date: 22-Feb-2023

Expiration Date: 31-Mar-2025

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
1,4-dioxane	2006	±	10 µg/mL	000123-91-1	RM20283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
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Homogeneity:
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Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
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Intended Use:
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Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Pentachlorophenol Standard

Product Number: PH-180-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006738469

Lot Issue Date: 05-Apr-2023

Expiration Date: 31-May-2027

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
pentachlorophenol	1002	± 5 µg/mL	000087-86-5	RM02474

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Reagent

SM_ISTD_00197

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 8270 Internal Std - 6 at 2000ug/mL (5mL)
Lot Number: 0006760251
Product Number: CUS-00004805
Lot Issue Date: 13-Sep-2023
Storage Conditions: Store at Room Temperature (15° to 30°C).
Expiration Date: 31-Oct-2026

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
acenaphthene-d10	2010	±	10 µg/mL	015067-26-2	RM18947
chrysene-d12	2008	±	10 µg/mL	001719-03-5	RM18746
1,4-dichlorobenzene-d4	2005	±	10 µg/mL	003855-82-1	RM19347
naphthalene-d8	2009	±	10 µg/mL	001146-65-2	RM19349
perylene-d12	2008	±	10 µg/mL	001520-96-3	RM19985
phenanthrene-d10	2005	±	10 µg/mL	001517-22-2	RM19350

Matrix: methylene chloride (dichloromethane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Reagent

SM_N-Nitro_00019

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Bis(2-chloroethyl) Ether Standard
Product Number: EPA-1081-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006736401
Lot Issue Date: 22-Mar-2023
Expiration Date: 30-Apr-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
bis(2-chloroethyl) ether	5017	±	25 µg/mL	000111-44-4	RM15508

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

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Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Hexachlorobenzene Standard

Product Number: CH-151-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006683905

Lot Issue Date: 27-May-2022

Expiration Date: 30-Jun-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
hexachlorobenzene	100.2 ±	0.5 µg/mL	000118-74-1	RM03125

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
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Instructions for Use:
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Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
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Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: N-Nitrosodimethylamine Standard

Product Number: NS-100-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006733950

Lot Issue Date: 09-Mar-2023

Expiration Date: 30-Apr-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
N-nitrosodimethylamine	100.3	±	0.5 µg/mL	000062-75-9	RM20316

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
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Instructions for Use:
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Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
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Expiration of Certification:
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Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: N-Nitrosodimethylamine Standard

Product Number: NS-100-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006747589

Lot Issue Date: 09-Jun-2023

Expiration Date: 31-Jul-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
N-nitrosodimethylamine	100.3	±	0.5 µg/mL	000062-75-9	RM21283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

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ISO 17025
Cert No. AT-1937

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name: 2-Methyl-4,6-Dinitrophenol Standard
Product Number: PH-150-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006673574
Lot Issue Date: 13-Apr-2022
Expiration Date: 31-May-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
2-methyl-4,6-dinitrophenol	1003 ±	5 µg/mL	000534-52-1	RM02292

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
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08/04/2025

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Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 1,4-Dioxane Standard

Product Number: NV-152-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006731455

Lot Issue Date: 22-Feb-2023

Expiration Date: 31-Mar-2025

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
1,4-dioxane	2006	±	10 µg/mL	000123-91-1	RM20283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
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Homogeneity:
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Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Pentachlorophenol Standard

Product Number: PH-180-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006738469

Lot Issue Date: 05-Apr-2023

Expiration Date: 31-May-2027

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
pentachlorophenol	1002 ±	5 µg/mL	000087-86-5	RM02474

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
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Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
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Reagent

SM_PAHmixS_00021

125 Market Street
New Haven, CT 06513
USA

AccuStandard® Inc.

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-610
Description: Polynuclear Aromatic Hydrocarbons Mix
Lot: 224061574
Solvent: Methanol (50%)
Dichloromethane (50%)
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Jun 27, 2024
Expiration: Jul 27, 2028
Sample Size: 1 mL
Components: 16
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-1463

ilac-MRA

Component	CAS #	Purity[3] %	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
Acenaphthene	83-32-9	100.0	101.2	101.2
Acenaphthylene	208-96-8	98.2	101.9	100.1
Anthracene	120-12-7	98.1	100.2	98.3
Benz(a)anthracene	56-55-3	99.9	101.4	101.3
Benz[a]pyrene	50-32-8	100.0	101.8	101.8
Benzo(b)fluoranthene	205-99-2	99.9	101.0	100.9
Benzo(g,h,i)perylene	191-24-2	99.2	102.0	101.2
Benzo(k)fluoranthene	207-08-9	99.7	101.5	101.2
Chrysene	218-01-9	99.9	101.5	101.4
Dibenz(a,h)anthracene	53-70-3	100.0	100.8	100.8
Fluoranthene	206-44-0	98.6	101.2	99.8
Fluorene	86-73-7	98.1	100.5	98.6
Indeno(1,2,3-cd)pyrene	193-39-5	100.0	100.4	100.4
Naphthalene	91-20-3	100.0	101.5	101.5
Phenanthrene	85-01-8	98.7	101.6	100.3
Pyrene	129-00-0	98.0	100.8	98.8

This Certified Reference Material was verified in accordance with ISO/IEC 17025 (AT-1339) and ISO 17034 (AR-1463)

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4% and was determined in accordance with ISO 17034. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

[2] All weights are traceable through NIST, Test No. 684/291344-18 & 684/292805-19

[3] Purity/Identity determined by one or more of the following methods: GC/MS, LC/MS, NMR, FTIR, Melting Point.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

AccuStandard is accredited to ISO 17034, ISO/IEC 17025 and certified to ISO 9001:2015

QR-ORG/INO-001
Rev. 5/18

1. **Quality Standards:**

   ISO 17034:2016 – General Requirements for the Competence of Reference Material Producers

   ISO/IEC 17025:2017 – General Requirements for the Competence of Testing And Calibration Laboratories

   ISO 9001:2015 – Quality Management System – Requirements Eagle Registrations

2. **Intended Use:** The product covered by this certificate is designed for calibration or for use in quality control procedures for the specified chemical compounds listed on the reverse side. This product can be used for quantification and/or identification. This product can also be used as a reference material to validate analytical procedures, subject to the conditions under Section 7.

3. **Manufacturing:** All balances are calibrated daily using an in-house procedure with weights that are compared annually to master weights and traceable to NIST. The balances are also calibrated annually by an ISO/IEC 17025 accredited calibration laboratory. Please refer to the NIST test number listed on the front of this certificate. Class A glassware is used in the manufacture and quality control of all standards. Good Laboratory Practices have been used throughout the preparation of this Standard.

4. **Homogeneity:** This product is sufficiently homogeneous and any sample size would be within the uncertainty budget.

5. **Stability:** The manufacturer guarantees the stability of this solution through the expiration date stated on the label, when handled and stored according to the conditions stated on the label

6. **Uncertainty:** The uncertainty values as stated on the face of this certificate have been determined using the EURACHEM/CITAC Guide. We report a combined expanded uncertainty equal to the positive square root of the total variance of the uncertainty of the components using the following formula: $u_a = \sqrt{(u(\mathrm{V}))^2 + (u(\mathrm{m}))^2 + (u(\mathrm{IV}))^2 + (u(\mathrm{RO}))^2}$ This formula represents uncertainty components from the mass, volume, short-term stability, long-term stability and homogeneity factors associated with the production of this product. The expanded uncertainty, assumes a normal distribution and a coverage factor of k=2 is chosen using approximately a 95% confidence level.

7. **Legal Notice and Limit of Liability:** This product is for routine laboratory analysis and research purposes only. The company's liability will be limited to replacement of product or refund of purchase price. Notice of claims must be made within thirty (30) days from date of delivery.

Reagent

SM_Penta_00014

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Bis(2-chloroethyl) Ether Standard
Product Number: EPA-1081-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006736401
Lot Issue Date: 22-Mar-2023
Expiration Date: 30-Apr-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
bis(2-chloroethyl) ether	5017	±	25 µg/mL	000111-44-4	RM15508

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Hexachlorobenzene Standard

Product Number: CH-151-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006683905

Lot Issue Date: 27-May-2022

Expiration Date: 30-Jun-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
hexachlorobenzene	100.2 ±	0.5 µg/mL	000118-74-1	RM03125

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: N-Nitrosodimethylamine Standard
Product Number: NS-100-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006733950
Lot Issue Date: 09-Mar-2023
Expiration Date: 30-Apr-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
N-nitrosodimethylamine	100.3	±	0.5 µg/mL	000062-75-9	RM20316

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: N-Nitrosodimethylamine Standard

Product Number: NS-100-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006747589

Lot Issue Date: 09-Jun-2023

Expiration Date: 31-Jul-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
N-nitrosodimethylamine	100.3	±	0.5 µg/mL	000062-75-9	RM21283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

ISO 17025
Cert No. AT-1937

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name: 2-Methyl-4,6-Dinitrophenol Standard
Product Number: PH-150-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006673574
Lot Issue Date: 13-Apr-2022
Expiration Date: 31-May-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
2-methyl-4,6-dinitrophenol	1003 ±	5 µg/mL	000534-52-1	RM02292

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

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Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 1,4-Dioxane Standard

Product Number: NV-152-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006731455

Lot Issue Date: 22-Feb-2023

Expiration Date: 31-Mar-2025

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
1,4-dioxane	2006	±	10 µg/mL	000123-91-1	RM20283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Pentachlorophenol Standard

Product Number: PH-180-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006738469

Lot Issue Date: 05-Apr-2023

Expiration Date: 31-May-2027

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
pentachlorophenol	1002 ±	5 µg/mL	000087-86-5	RM02474

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Reagent

SM_std #11BNA_00023

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569732 **Lot No.:** A0217501

Description : 8270 List 1 / Std #11

8270 List 1 / Std #11 2,000µg/mL, Methylene chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : April 30, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RD231129RSRA	99%	2,010.8 µg/mL	+/- 59.0568
2	epsilon-Caprolactam	105-60-2	Y16H012	99%	2,016.3 µg/mL	+/- 59.2183
3	Atrazine	1912-24-9	5FYWL	99%	2,015.3 µg/mL	+/- 59.1901

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

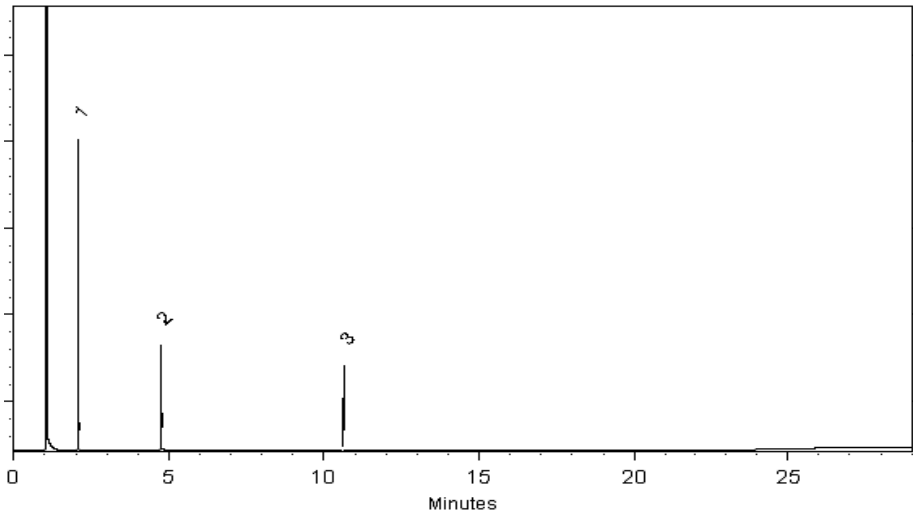
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 07-Oct-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

SM_std #9BNA_00025

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Bellefonte, PA 16823-8812
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569730 **Lot No.:** A0222834

Description : 8270 List 1 / Std #9

8270 List 1 / Std #9 2,000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : November 30, 2026 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzidine	92-87-5	S240206RSR	99%	2,003.9 µg/mL	+/- 37.0230
2	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	2,019.9 µg/mL	+/- 37.3187

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

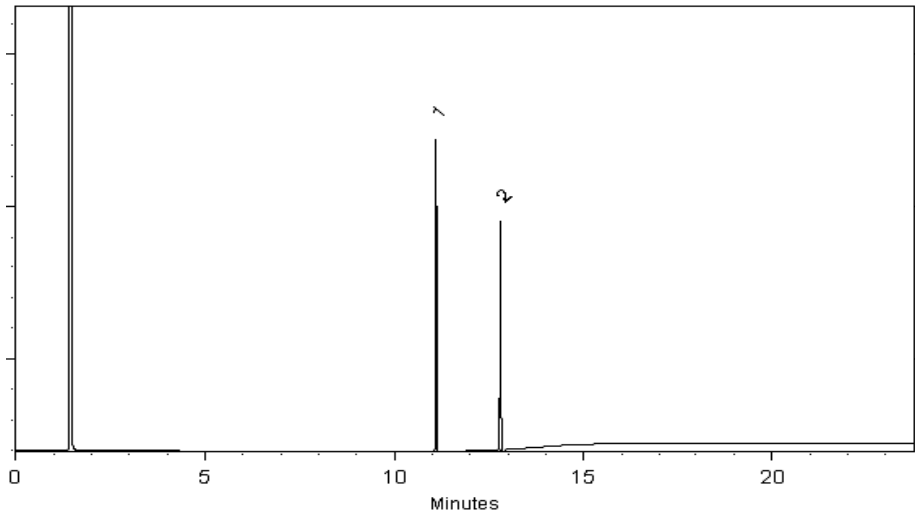
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 02-May-2024 **Balance Serial #** 1122030677

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 07-May-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

SM_STD#1mega_00027

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571995 **Lot No.:** A0222830

Description : 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Handling: Carcinogen/reproductive toxin. Photosensitive. Sonicate. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBR4317	99%	1,007.2 µg/mL	+/- 18.6087
2	N-Nitrosodimethylamine	62-75-9	S231113RSR	99%	1,002.8 µg/mL	+/- 18.5275
3	Pyridine	110-86-1	SHBR4811	99%	2,017.3 µg/mL	+/- 37.2711
4	Phenol	108-95-2	MKCK1120	99%	1,007.3 µg/mL	+/- 18.6106
5	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 18.5755
6	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.7 µg/mL	+/- 18.5441
7	n-Decane (C10)	124-18-5	SHBQ1342	99%	1,004.5 µg/mL	+/- 18.5589
8	2-Chlorophenol	95-57-8	STBJ3909	99%	1,002.2 µg/mL	+/- 18.5164
9	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,005.5 µg/mL	+/- 18.5773
10	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.7 µg/mL	+/- 18.5995
11	Benzyl alcohol	100-51-6	SHBK5469	99%	1,006.3 µg/mL	+/- 18.5921
12	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,008.4 µg/mL	+/- 18.6309
13	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,007.1 µg/mL	+/- 18.6069
14	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,003.0 µg/mL	+/- 18.5312
15	Acetophenone	98-86-2	STBH8205	99%	1,003.1 µg/mL	+/- 18.5330
16	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	501.5 µg/mL	+/- 9.2677

17	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	504.0	µg/mL	+/- 9.3139
18	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,001.0	µg/mL	+/- 18.4942
19	Hexachloroethane	67-72-1	DAXRI	99%	1,002.5	µg/mL	+/- 18.5219
20	Nitrobenzene	98-95-3	10224044	99%	1,001.2	µg/mL	+/- 18.4979
21	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 18.5607
22	2-Nitrophenol	88-75-5	RP230710	99%	1,001.7	µg/mL	+/- 18.5071
23	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,004.8	µg/mL	+/- 18.5644
24	Bis(2-chloroethoxy)methane	111-91-1	15174900	99%	1,007.1	µg/mL	+/- 18.6069
25	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 18.5626
26	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,003.4	µg/mL	+/- 18.5385
27	Naphthalene	91-20-3	STBL1057	99%	1,008.6	µg/mL	+/- 18.6346
28	2,6-Dichlorophenol	87-65-0	MKCS9444	99%	1,002.7	µg/mL	+/- 18.5256
29	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,002.6	µg/mL	+/- 18.5238
30	Hexachlorobutadiene	87-68-3	X05J	98%	1,001.8	µg/mL	+/- 18.5082
31	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,007.2	µg/mL	+/- 18.6087
32	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 18.4757
33	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 18.4756
34	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,002.5	µg/mL	+/- 18.5219
35	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.5	µg/mL	+/- 18.5027
36	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,007.8	µg/mL	+/- 18.6198
37	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,009.3	µg/mL	+/- 18.6473
38	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.0	µg/mL	+/- 18.5496
39	Biphenyl	92-52-4	MKCS5928	99%	1,007.2	µg/mL	+/- 18.6087
40	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,002.1	µg/mL	+/- 18.5145
41	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 18.4756
42	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,007.3	µg/mL	+/- 18.6106
43	Dimethylphthalate	131-11-3	358221L17K	99%	1,001.1	µg/mL	+/- 18.4960
44	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.3	µg/mL	+/- 18.5367
45	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,002.8	µg/mL	+/- 18.5275
46	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 18.4757
47	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	2,000.8	µg/mL	+/- 36.9662
48	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 18.5755
49	4-Nitrophenol	100-02-7	20241120-1-AN	99%	2,009.5	µg/mL	+/- 37.1270
50	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,001.9	µg/mL	+/- 18.5108
51	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.7	µg/mL	+/- 18.5810
52	Fluorene	86-73-7	10246250	98%	1,006.9	µg/mL	+/- 18.6023

53	n-Hexadecane (C16)	544-76-3	SHBR0669	99%	1,003.0	µg/mL	+/- 18.5312
54	Diethylphthalate	84-66-2	BCCJ6241	99%	1,007.4	µg/mL	+/- 18.6124
55	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,007.2	µg/mL	+/- 18.6087
56	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,006.2	µg/mL	+/- 18.5903
57	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	2,017.3	µg/mL	+/- 37.2711
58	Diphenylamine	122-39-4	MKCT1512	99%	853.6	µg/mL	+/- 15.7745
59	Azobenzene	103-33-3	BCCK0887	99%	1,002.3	µg/mL	+/- 18.5182
60	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,001.3	µg/mL	+/- 18.4997
61	Hexachlorobenzene	118-74-1	15458400	99%	1,002.2	µg/mL	+/- 18.5164
62	Pentachlorophenol	87-86-5	RP240517RSR	99%	2,005.4	µg/mL	+/- 37.0512
63	n-Octadecane (C18)	593-45-3	UE5NG	99%	1,002.5	µg/mL	+/- 18.5219
64	Phenanthrene	85-01-8	MKCT3391	99%	1,002.7	µg/mL	+/- 18.5256
65	Anthracene	120-12-7	101492T18R	99%	1,008.5	µg/mL	+/- 18.6328
66	Carbazole	86-74-8	14872900	99%	1,006.3	µg/mL	+/- 18.5921
67	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,003.5	µg/mL	+/- 18.5404
68	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.6	µg/mL	+/- 18.5422
69	Pyrene	129-00-0	BCCK2592	99%	1,003.7	µg/mL	+/- 18.5441
70	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,005.6	µg/mL	+/- 18.5792
71	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.8	µg/mL	+/- 18.5829
72	Chrysene	218-01-9	RP241007RSR	99%	1,002.8	µg/mL	+/- 18.5275
73	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,001.8	µg/mL	+/- 18.5090
74	Di-n-octyl phthalate	117-84-0	15566400	99%	1,004.8	µg/mL	+/- 18.5644
75	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,001.3	µg/mL	+/- 18.4997
76	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,001.0	µg/mL	+/- 18.4937
77	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,008.4	µg/mL	+/- 18.6313
78	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,005.8	µg/mL	+/- 18.5828
79	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,004.0	µg/mL	+/- 18.5496
80	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.9	µg/mL	+/- 18.5842

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Specific Reference Material Notes:

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.
This lot was approved even though the %D for 4,6-DN-2-MP was greater than 10%.

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

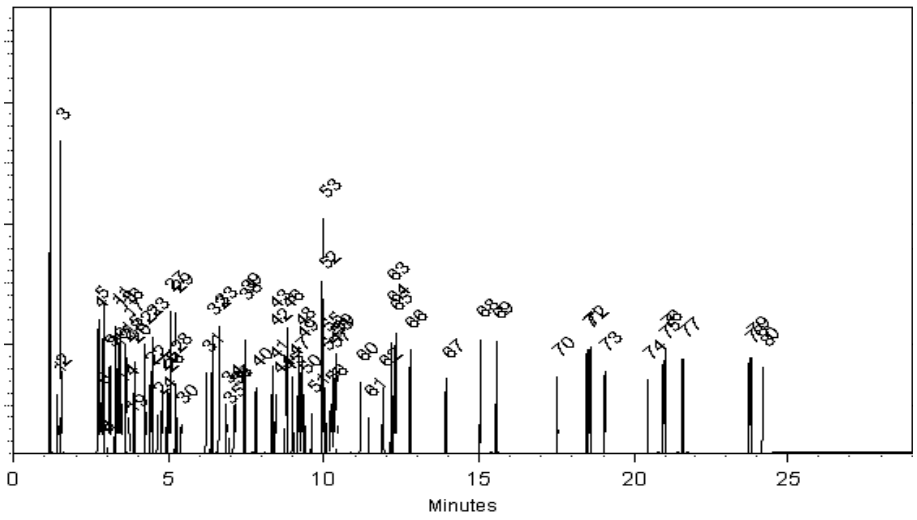
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 26-Nov-2024 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 17-Dec-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

SM_STD1meg2nd_00007

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571995.SEC **Lot No.:** A02010619

Description : 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Carcinogen/reproductive toxin. Photosensitive. Sonicate.

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	1,4-Dioxane **CAS #** 123-91-1.SEC (Lot MUFZH) **Purity** 99%	1,000.0 µg/mL	+/- 5.8275 µg/mL +/- 11.9606 µg/mL +/- 19.0288 µg/mL	Gravimetric Unstressed Stressed
2	N-Nitrosodimethylamine **CAS #** 62-75-9.SEC (Lot 61H72) **Purity** 99%	1,000.0 µg/mL	+/- 5.8275 µg/mL +/- 11.9606 µg/mL +/- 19.0288 µg/mL	Gravimetric Unstressed Stressed
3	Pyridine **CAS #** 110-86-1.SEC (Lot QN8DK) **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 µg/mL +/- 23.9081 µg/mL +/- 38.0494 µg/mL	Gravimetric Unstressed Stressed
4	Phenol **CAS #** 108-95-2.SEC (Lot EDPYN) **Purity** 99%	1,000.6 µg/mL	+/- 5.8310 µg/mL +/- 11.9678 µg/mL +/- 19.0402 µg/mL	Gravimetric Unstressed Stressed
5	Aniline **CAS #** 62-53-3.SEC (Lot ZCD3N) **Purity** 99%	1,000.4 µg/mL	+/- 5.8299 µg/mL +/- 11.9654 µg/mL +/- 19.0364 µg/mL	Gravimetric Unstressed Stressed
6	Bis(2-chloroethyl)ether **CAS #** 111-44-4.SEC (Lot FA010143) **Purity** 99%	1,000.6 µg/mL	+/- 5.8310 µg/mL +/- 11.9678 µg/mL +/- 19.0402 µg/mL	Gravimetric Unstressed Stressed
7	n-Decane (C10) **CAS #** 124-18-5.SEC (Lot UCVNN) **Purity** 99%	1,000.0 µg/mL	+/- 5.8275 µg/mL +/- 11.9606 µg/mL +/- 19.0288 µg/mL	Gravimetric Unstressed Stressed

8	2-Chlorophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 95-57-8.SEC	(Lot GJ01)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
9	1,3-Dichlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 541-73-1.SEC	(Lot FMDFD)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
10	1,4-Dichlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 106-46-7.SEC	(Lot 4Y5DC)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
11	Benzyl alcohol		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 100-51-6.SEC	(Lot QZBUO)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
12	1,2-Dichlorobenzene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 95-50-1.SEC	(Lot R6QDM)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
13	2-Methylphenol (o-cresol)		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 95-48-7.SEC	(Lot NC7HL)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
14	2,2'-oxybis(1-chloropropane)		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 108-60-1.SEC	(Lot 2-KMW-57-8)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
15	Acetophenone		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 98-86-2.SEC	(Lot NSGTI)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
16	3-Methylphenol (m-cresol)		500.0	µg/mL	+/-	2.9138	µg/mL	Gravimetric
	CAS # 108-39-4.SEC	(Lot 6LHTM)			+/-	5.9803	µg/mL	Unstressed
	Purity 99%				+/-	9.5144	µg/mL	Stressed
17	4-Methylphenol (p-cresol)		501.0	µg/mL	+/-	2.9196	µg/mL	Gravimetric
	CAS # 106-44-5.SEC	(Lot 65S2E)			+/-	5.9923	µg/mL	Unstressed
	Purity 99%				+/-	9.5334	µg/mL	Stressed
18	N-Nitroso-di-n-propylamine		1,001.4	µg/mL	+/-	5.8357	µg/mL	Gravimetric
	CAS # 621-64-7.SEC	(Lot 4423200)			+/-	11.9773	µg/mL	Unstressed
	Purity 99%				+/-	19.0555	µg/mL	Stressed
19	Hexachloroethane		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 67-72-1.SEC	(Lot 10173016)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
20	Nitrobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 98-95-3.SEC	(Lot FLYIG)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
21	Isophorone		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 78-59-1.SEC	(Lot XHGJI)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
22	2-Nitrophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 88-75-5.SEC	(Lot GXJ7J)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
23	2,4-Dimethylphenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 105-67-9.SEC	(Lot MKBL3650V)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed

24	Bis(2-chloroethoxy)methane		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 111-91-1 *	(Lot 5670100)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
25	2,4-Dichlorophenol		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 120-83-2.SEC	(Lot FHM01)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
26	1,2,4-Trichlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 120-82-1.SEC	(Lot OGO01)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
27	Naphthalene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 91-20-3.SEC	(Lot SKZ5N)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
28	2,6-Dichlorophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 87-65-0.SEC	(Lot SIDBB)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
29	4-Chloroaniline		1,000.2	µg/mL	+/-	5.8287	µg/mL	Gravimetric
	CAS # 106-47-8.SEC	(Lot 10171860)			+/-	11.9630	µg/mL	Unstressed
	Purity 99%				+/-	19.0326	µg/mL	Stressed
30	Hexachlorobutadiene		1,000.5	µg/mL	+/-	5.8302	µg/mL	Gravimetric
	CAS # 87-68-3.SEC	(Lot 1068200)			+/-	11.9661	µg/mL	Unstressed
	Purity 97%				+/-	19.0375	µg/mL	Stressed
31	4-Chloro-3-methylphenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 59-50-7.SEC	(Lot FDO02)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
32	2-Methylnaphthalene		1,000.8	µg/mL	+/-	5.8320	µg/mL	Gravimetric
	CAS # 91-57-6.SEC	(Lot 76023-1)			+/-	11.9699	µg/mL	Unstressed
	Purity 98%				+/-	19.0436	µg/mL	Stressed
33	1-Methylnaphthalene		1,000.1	µg/mL	+/-	5.8279	µg/mL	Gravimetric
	CAS # 90-12-0.SEC	(Lot UATSA)			+/-	11.9614	µg/mL	Unstressed
	Purity 97%				+/-	19.0302	µg/mL	Stressed
34	1,2,4,5-Tetrachlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 95-94-3.SEC	(Lot AF02)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
35	Hexachlorocyclopentadiene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 77-47-4.SEC	(Lot 5608400)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
36	2,4,6-Trichlorophenol		1,000.6	µg/mL	+/-	5.8309	µg/mL	Gravimetric
	CAS # 88-06-2.SEC	(Lot UUMYM)			+/-	11.9675	µg/mL	Unstressed
	Purity 98%				+/-	19.0399	µg/mL	Stressed
37	2,4,5-Trichlorophenol		1,000.1	µg/mL	+/-	5.8279	µg/mL	Gravimetric
	CAS # 95-95-4.SEC	(Lot MKBQ9937V)			+/-	11.9614	µg/mL	Unstressed
	Purity 97%				+/-	19.0302	µg/mL	Stressed
38	2-Chloronaphthalene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 91-58-7.SEC	(Lot LC07783V)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
39	Biphenyl		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 92-52-4.SEC	(Lot 33OQE)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed

40	2-Nitroaniline		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 88-74-4.SEC	(Lot T6E7B)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
41	Acenaphthylene		999.9	µg/mL	+/-	5.8271	µg/mL	Gravimetric
	CAS # 208-96-8.SEC	(Lot 0012014)			+/-	11.9598	µg/mL	Unstressed
	Purity 96%				+/-	19.0276	µg/mL	Stressed
42	1,3-Dinitrobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 99-65-0.SEC	(Lot 3XXLB)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
43	Dimethylphthalate		1,002.0	µg/mL	+/-	5.8392	µg/mL	Gravimetric
	CAS # 131-11-3.SEC	(Lot 483WC)			+/-	11.9845	µg/mL	Unstressed
	Purity 99%				+/-	19.0669	µg/mL	Stressed
44	2,6-Dinitrotoluene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 606-20-2.SEC	(Lot GE01)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
45	3-Nitroaniline		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 99-09-2.SEC	(Lot FGN03)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
46	Acenaphthene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 83-32-9.SEC	(Lot BWZJE)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
47	2,4-Dinitrophenol		2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 51-28-5.SEC	(Lot YTR6B)			+/-	23.9081	µg/mL	Unstressed
	Purity 99%				+/-	38.0494	µg/mL	Stressed
48	Dibenzofuran		1,000.8	µg/mL	+/-	5.8322	µg/mL	Gravimetric
	CAS # 132-64-9.SEC	(Lot 27ZGC)			+/-	11.9702	µg/mL	Unstressed
	Purity 99%				+/-	19.0440	µg/mL	Stressed
49	4-Nitrophenol		2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 100-02-7.SEC	(Lot 2J5LB)			+/-	23.9081	µg/mL	Unstressed
	Purity 99%				+/-	38.0494	µg/mL	Stressed
50	2,4-Dinitrotoluene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 121-14-2.SEC	(Lot SHRSA)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
51	2,3,4,6-Tetrachlorophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 58-90-2.SEC	(Lot LC19623V)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
52	Fluorene		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 86-73-7.SEC	(Lot 5027400)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
53	n-Hexadecane (C16)		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 544-76-3.SEC	(Lot A0328141)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
54	Diethylphthalate		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 84-66-2.SEC	(Lot UMBJC)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
55	4-Chlorophenyl phenyl ether		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 7005-72-3.SEC	(Lot P31G)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed

56	4-Nitroaniline		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 100-01-6.SEC	(Lot 5ITRC)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
57	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)		2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 534-52-1.SEC	(Lot 6333400)			+/-	23.9081	µg/mL	Unstressed
	Purity 99%				+/-	38.0494	µg/mL	Stressed
58	Diphenylamine		850.0	µg/mL	+/-	4.9534	µg/mL	Gravimetric
	CAS # 122-39-4.SEC	(Lot 10164691)			+/-	10.1665	µg/mL	Unstressed
	Purity 99%				+/-	16.1745	µg/mL	Stressed
59	Azobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 103-33-3.SEC	(Lot JUWAG)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
60	4-Bromophenyl phenyl ether		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 101-55-3.SEC	(Lot 84C6D)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
61	Hexachlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 118-74-1.SEC	(Lot G120431)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
62	Pentachlorophenol		2,000.4	µg/mL	+/-	11.6305	µg/mL	Gravimetric
	CAS # 87-86-5.SEC	(Lot 5784900)			+/-	23.9129	µg/mL	Unstressed
	Purity 99%				+/-	38.0570	µg/mL	Stressed
63	n-Octadecane (C18)		1,001.0	µg/mL	+/-	5.8333	µg/mL	Gravimetric
	CAS # 593-45-3.SEC	(Lot G14U045)			+/-	11.9726	µg/mL	Unstressed
	Purity 99%				+/-	19.0478	µg/mL	Stressed
64	Phenanthrene		1,002.0	µg/mL	+/-	5.8389	µg/mL	Gravimetric
	CAS # 85-01-8.SEC	(Lot 4708400)			+/-	11.9839	µg/mL	Unstressed
	Purity 98%				+/-	19.0660	µg/mL	Stressed
65	Anthracene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 120-12-7.SEC	(Lot WDFNJ)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
66	Carbazole		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 86-74-8.SEC	(Lot LMIZB)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
67	Di-n-butylphthalate		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 84-74-2.SEC	(Lot 42FSG)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
68	Fluoranthene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 206-44-0.SEC	(Lot FREGF)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
69	Pyrene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 129-00-0.SEC	(Lot ROVJC)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
70	Benzyl butyl phthalate		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 85-68-7.SEC	(Lot GX3GL)			+/-	11.9605	µg/mL	Unstressed
	Purity 98%				+/-	19.0287	µg/mL	Stressed
71	Benz(a)anthracene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 56-55-3.SEC	(Lot MTENF)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed

72	chrysene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 218-01-9.SEC	(Lot NICZC)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
73	Bis(2-ethylhexyl)phthalate		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 117-81-7.SEC	(Lot MT8AG)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
74	Di-n-octyl phthalate		1,000.8	µg/mL	+/-	5.8322	µg/mL	Gravimetric
	CAS # 117-84-0.SEC	(Lot O8DLD)			+/-	11.9702	µg/mL	Unstressed
	Purity 99%				+/-	19.0440	µg/mL	Stressed
75	Benzo(b)fluoranthene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 205-99-2.SEC	(Lot 022011)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
76	Benzo(k)fluoranthene		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 207-08-9.SEC	(Lot ER041513-01)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
77	Benzo(a)pyrene		1,000.5	µg/mL	+/-	5.8302	µg/mL	Gravimetric
	CAS # 50-32-8.SEC	(Lot M8DFD)			+/-	11.9661	µg/mL	Unstressed
	Purity 97%				+/-	19.0375	µg/mL	Stressed
78	Indeno(1,2,3-cd)pyrene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 193-39-5.SEC	(Lot 0012014)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
79	Dibenz(a,h)anthracene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 53-70-3.SEC	(Lot 0012011)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
80	Benzo(g,h,i)perylene		1,000.1	µg/mL	+/-	5.8279	µg/mL	Gravimetric
	CAS # 191-24-2.SEC	(Lot 0022012)			+/-	11.9614	µg/mL	Unstressed
	Purity 97%				+/-	19.0302	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Specific Reference Material Notes:

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

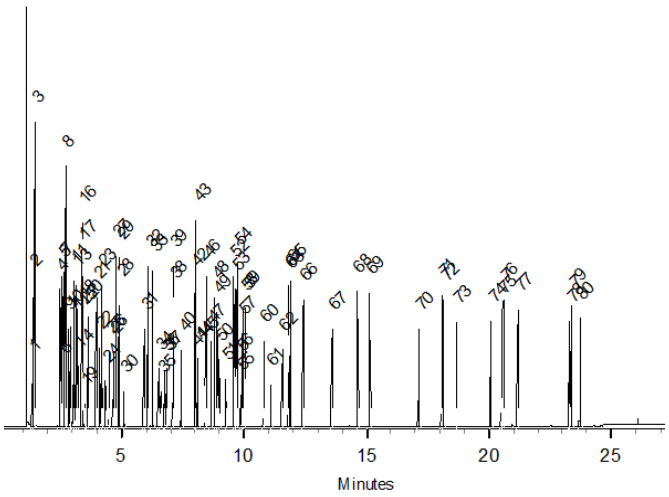
Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Date Mixed: 28-Sep-2017 **Balance:** 1128342313

Justine Albertson - Operations Tech-ARM QC

Date Passed: 13-Oct-2017

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

SMDFTP_CH_00037

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31615 **Lot No.:** A0200028

Description : GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230504	99%	1,001.0 µg/mL	+/- 44.7338
2	DFTPP (Decafluorotriphenylphosphine)	5074-71-5	Q117-147	95%	1,000.7 µg/mL	+/- 44.7189
3	Benzidine	92-87-5	S221205RSR	99%	1,001.0 µg/mL	+/- 44.7338
4	4,4'-DDT	50-29-3	230410JLMA	98%	1,000.9 µg/mL	+/- 44.7296

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

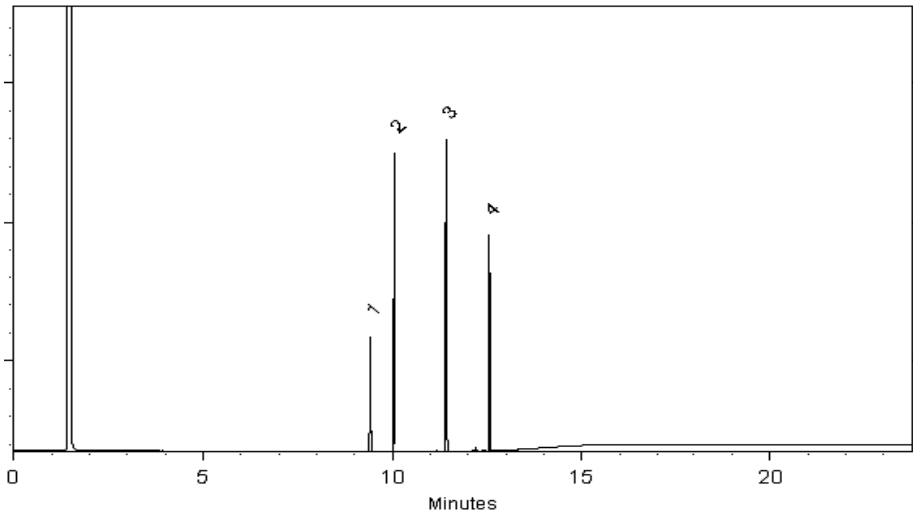
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Josh McCloskey - Operations Technician I

Date Mixed: 18-Jul-2023 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 24-Jul-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

Vinyl Acetate_00106

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

MS 2/20/25 R2593 # 12363825

08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0222118

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	5,004.5 µg/mL	+/- 172.9671

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

08/04/2016

CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

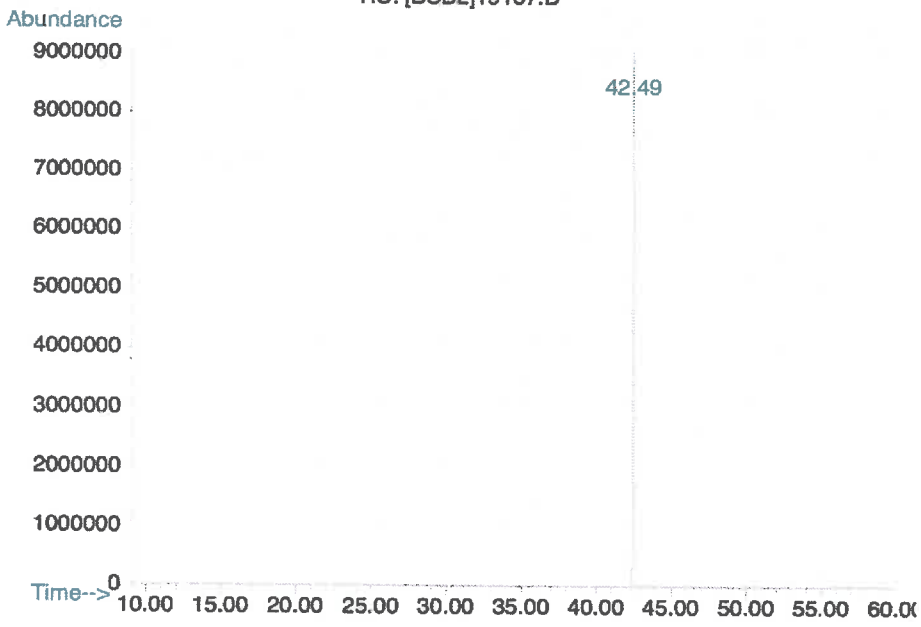
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

	030822
Formulated By: Benson Chan	DATE
	030822
Reviewed By: Pedro L. Rentas	DATE

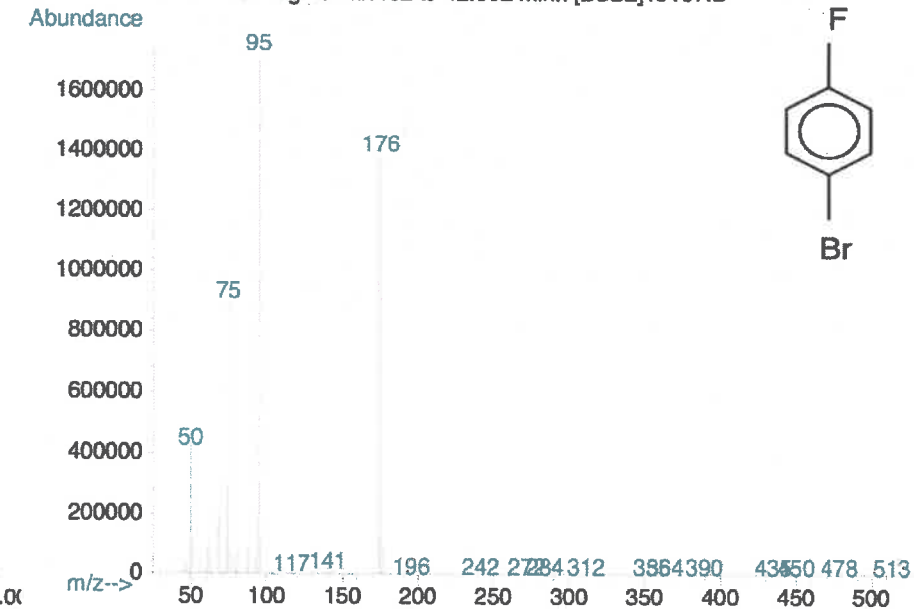
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	orl-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D



Average of 42.462 to 42.502 min.: [BSB2]19167.D



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB-07282025	460-331678-1	100	92	107	102
MW-10S	460-331678-2	102	95	101	103
MW-1	460-331678-3	101	97	106	103
MW-14S	460-331678-4	100	96	94	102
MW-7S	460-331678-5	95	94	107	102
MW-12S	460-331678-6	111	90	89	99
MW-12D	460-331678-7	103	96	80	103
DUP-01	460-331678-8	88	83	93	105
FB-07282025	460-331678-9	108	94	94	102
	MB 460-1053164/9	102	92	94	104
	LCS 460-1053164/5	90	84	91	108
MW-12S MS	460-331678-6 MS	91	86	89	108
MW-12S MSD	460-331678-6 MSD	110	76	70 *	96

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A30083.D

Lab ID: LCS 460-1053164/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzene	20.0	18.7	93	71-126	
Ethylbenzene	20.0	17.3	87	78-120	
Toluene	20.0	18.4	92	78-120	
Xylenes, Total	40.0	34.0	85	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A30108.D

Lab ID: 460-331678-6 MS Client ID: MW-12S MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzene	20.0	0.45 U	19.6	98	71-126	
Ethylbenzene	20.0	1.0 U	16.8	84	78-120	
Toluene	20.0	1.0 U	18.6	93	78-120	
Xylenes, Total	40.0	2.0 U	33.4	83	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A30109.D

Lab ID: 460-331678-6 MSD Client ID: MW-12S MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	20.0	15.0	75	27	30	71-126	
Ethylbenzene	20.0	16.5	83	2	30	78-120	
Toluene	20.0	15.8	79	16	30	78-120	
Xylenes, Total	40.0	32.0	80	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab File ID: A30087.D Lab Sample ID: MB 460-1053164/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS1 Date Analyzed: 08/01/2025 09:59

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1053164/5	A30083.D	08/01/2025 08:21
TB-07282025	460-331678-1	A30088.D	08/01/2025 10:23
FB-07282025	460-331678-9	A30089.D	08/01/2025 10:48
MW-12S	460-331678-6	A30090.D	08/01/2025 11:12
MW-10S	460-331678-2	A30091.D	08/01/2025 11:37
MW-1	460-331678-3	A30092.D	08/01/2025 12:01
MW-14S	460-331678-4	A30093.D	08/01/2025 12:26
MW-7S	460-331678-5	A30094.D	08/01/2025 12:50
MW-12D	460-331678-7	A30095.D	08/01/2025 13:15
DUP-01	460-331678-8	A30096.D	08/01/2025 13:39
MW-12S MS	460-331678-6 MS	A30108.D	08/01/2025 18:33
MW-12S MSD	460-331678-6 MSD	A30109.D	08/01/2025 18:57

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab File ID: A26555.D BFB Injection Date: 05/14/2025

Instrument ID: CVOAMS1 BFB Injection Time: 02:43

Analysis Batch No.: 1037325

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (125.4) 1
96	5 - 9% of m/z 95	6.1
173	Less than 2% of m/z 174	0.8 (0.9) 1
174	50 - 200% of m/z 95	79.7
175	5 - 9% of m/z 174	6.2 (7.7) 1
176	95 -105% of m/z 174	78.1 (97.9) 1
177	5 - 10% of m/z 176	5.2 (6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-1037325/4	A26558.D	05/14/2025	4:13
	STD5 460-1037325/6	A26560.D	05/14/2025	5:03
	STD20 460-1037325/7	A26561.D	05/14/2025	5:27
	STD50 460-1037325/8	A26562.D	05/14/2025	5:52
	STD200 460-1037325/9	A26563.D	05/14/2025	6:16
	STD500 460-1037325/10	A26564.D	05/14/2025	6:40
	STD8 460-1037325/19	A26573.D	05/14/2025	10:21
	STD1 460-1037325/20	A26574.D	05/14/2025	10:45
	ICV 460-1037325/21	A26575.D	05/14/2025	11:47

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: STD20 460-1037325/7 Date Analyzed: 05/14/2025 05:27

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A26561.D Heated Purge: (Y/N) N

Calibration ID: 100886

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		119563	3.11	138444	4.20	511503	5.37
UPPER LIMIT		239126	3.61	276888	4.70	1023006	5.87
LOWER LIMIT		59782	2.61	69222	3.70	255752	4.87
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1037325/21		119381	3.11	135824	4.20	521759	5.37

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: STD20 460-1037325/7 Date Analyzed: 05/14/2025 05:27

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A26561.D Heated Purge: (Y/N) N

Calibration ID: 100886

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		15608	6.13	359078	9.32	175176	11.22
UPPER LIMIT		31216	6.63	718156	9.82	350352	11.72
LOWER LIMIT		7804	5.63	179539	8.82	87588	10.72
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1037325/21		14606	6.13	361569	9.32	172092	11.25

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: CCVIS 460-1053164/3 Date Analyzed: 08/01/2025 07:32

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A30081.D Heated Purge: (Y/N) N

Calibration ID: 100886

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		144327	3.12	180868	4.22	505757	5.38
UPPER LIMIT		288654	3.62	361736	4.72	1011514	5.88
LOWER LIMIT		72164	2.62	90434	3.72	252879	4.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1053164/5		155523	3.12	186864	4.22	555532	5.38
MB 460-1053164/9		120044	3.12	155064	4.22	483541	5.38
460-331678-1	TB-07282025	131842	3.12	161869	4.22	477948	5.38
460-331678-9	FB-07282025	122365	3.12	155930	4.22	505429	5.38
460-331678-6	MW-12S	129132	3.12	158561	4.22	488608	5.38
460-331678-2	MW-10S	127941	3.12	161604	4.22	469809	5.38
460-331678-3	MW-1	127167	3.12	161851	4.22	463012	5.38
460-331678-4	MW-14S	127297	3.12	158335	4.22	472656	5.38
460-331678-5	MW-7S	133105	3.12	168808	4.22	497652	5.38
460-331678-7	MW-12D	128437	3.12	160802	4.22	452512	5.38
460-331678-8	DUP-01	134142	3.12	162830	4.22	524305	5.38
460-331678-6 MS	MW-12S MS	159952	3.12	187319	4.22	501498	5.38
460-331678-6 MSD	MW-12S MSD	148781	3.12	177835	4.22	482511	5.38

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: CCVIS 460-1053164/3 Date Analyzed: 08/01/2025 07:32

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A30081.D Heated Purge: (Y/N) N

Calibration ID: 100886

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19724	6.15	383527	9.32	202195	11.23
UPPER LIMIT		39448	6.65	767054	9.82	404390	11.73
LOWER LIMIT		9862	5.65	191764	8.82	101098	10.73
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1053164/5		20940	6.16	390863	9.32	205467	11.23
MB 460-1053164/9		17412	6.16	338651	9.32	172946	11.23
460-331678-1	TB-07282025	14713	6.16	336836	9.32	173957	11.23
460-331678-9	FB-07282025	17115	6.15	332528	9.32	174534	11.23
460-331678-6	MW-12S	14391	6.15	342574	9.32	175354	11.23
460-331678-2	MW-10S	17138	6.15	328670	9.32	174349	11.23
460-331678-3	MW-1	14362	6.16	328620	9.32	166190	11.24
460-331678-4	MW-14S	17091	6.15	327938	9.32	165873	11.23
460-331678-5	MW-7S	17166	6.15	322774	9.32	165094	11.23
460-331678-7	MW-12D	14555	6.15	371280	9.32	170201	11.23
460-331678-8	DUP-01	17842	6.15	319256	9.32	169094	11.23
460-331678-6 MS	MW-12S MS	19198	6.15	365295	9.32	194739	11.23
460-331678-6 MSD	MW-12S MSD	21074	6.15	425696	9.32	197563	11.23

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: TB-07282025 | Lab Sample ID: 460-331678-1

Matrix: Water | Lab File ID: A30088.D

Analysis Method: 8260D | Date Collected: 07/28/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 10:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30088.D
Lims ID: 460-331678-A-1
Client ID: TB-07282025
Sample Type: Client
Inject. Date: 01-Aug-2025 10:23:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-1
Misc. Info.: 460-0194382-010
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 08:39:26 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: KG2Q Date: 01-Aug-2025 10:41:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	131842	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	161869	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	119144	49.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	109012	45.8	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	477948	50.0	
* 73 1,4-Dioxane-d8	96	6.157	6.151	0.006	0	14713	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	100	483713	53.3	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	336836	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	130754	51.1	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	96	173957	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

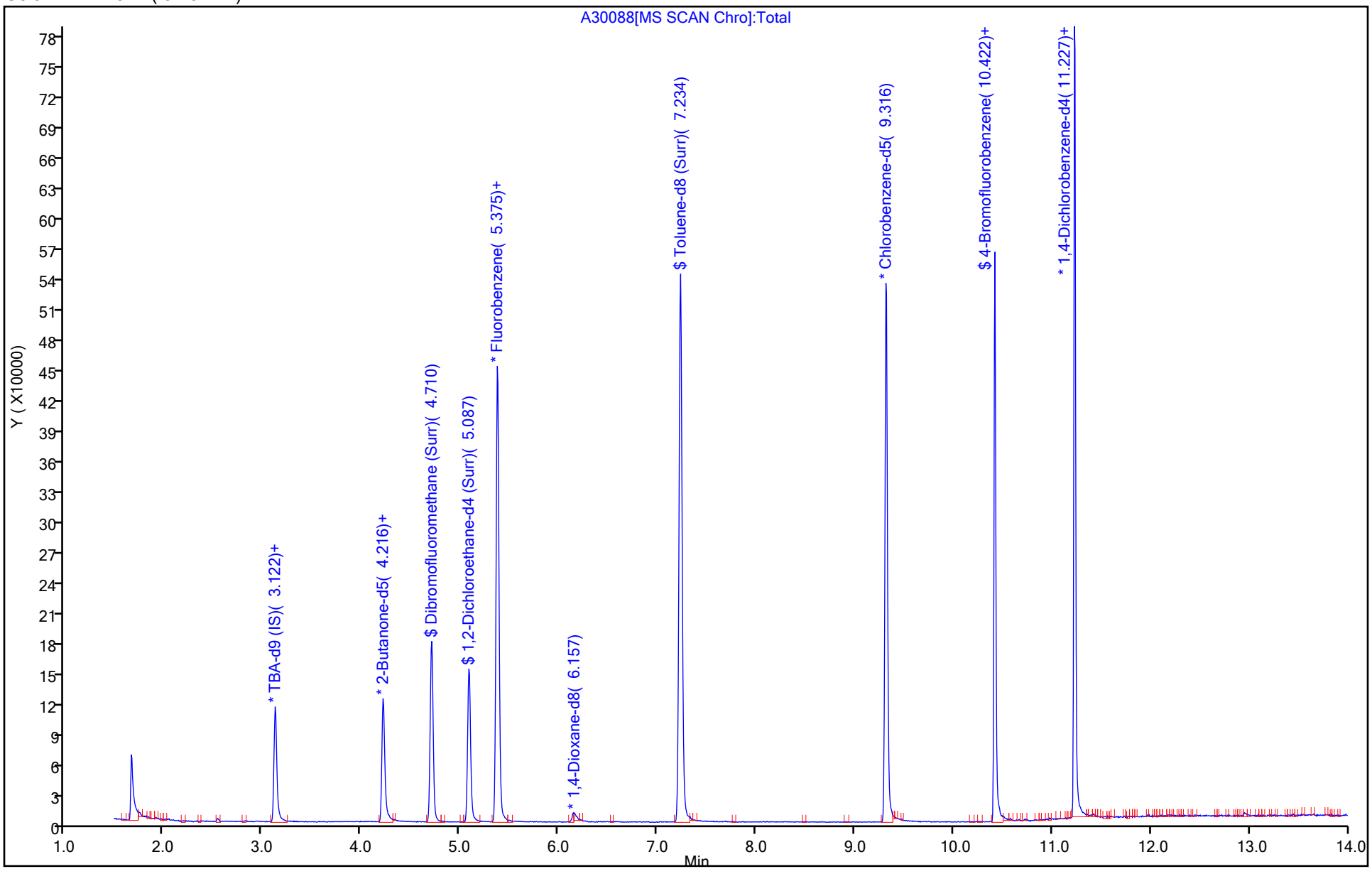
Report Date: 01-Aug-2025 10:41:36 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30088.D

Injection Date:	01-Aug-2025 10:23:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331678-A-1	Lab Sample ID:	460-331678-1	Worklist Smp#:	10
Client ID:	TB-07282025				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30088.D
Lims ID: 460-331678-A-1
Client ID: TB-07282025
Sample Type: Client
Inject. Date: 01-Aug-2025 10:23:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-1
Misc. Info.: 460-0194382-010
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 08:39:26 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: KG2Q Date: 01-Aug-2025 10:41:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	49.9	99.83
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	45.8	91.69
$ 83 Toluene-d8 (Surr)	50.0	53.3	106.56
$ 105 4-Bromofluorobenzene	50.0	51.1	102.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-10S | Lab Sample ID: 460-331678-2

Matrix: Water | Lab File ID: A30091.D

Analysis Method: 8260D | Date Collected: 07/28/2025 09:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 11:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30091.D
Lims ID: 460-331678-A-2
Client ID: MW-10S
Sample Type: Client
Inject. Date: 01-Aug-2025 11:37:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-2
Misc. Info.: 460-0194382-013
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: KG2Q Date: 01-Aug-2025 12:01:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	127941	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	161604	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	119835	51.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	111475	47.7	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	469809	50.0	
* 73 1,4-Dioxane-d8	96	6.145	6.151	-0.006	0	17138	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	100	446520	50.4	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	328670	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	89	128717	51.6	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	95	174349	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

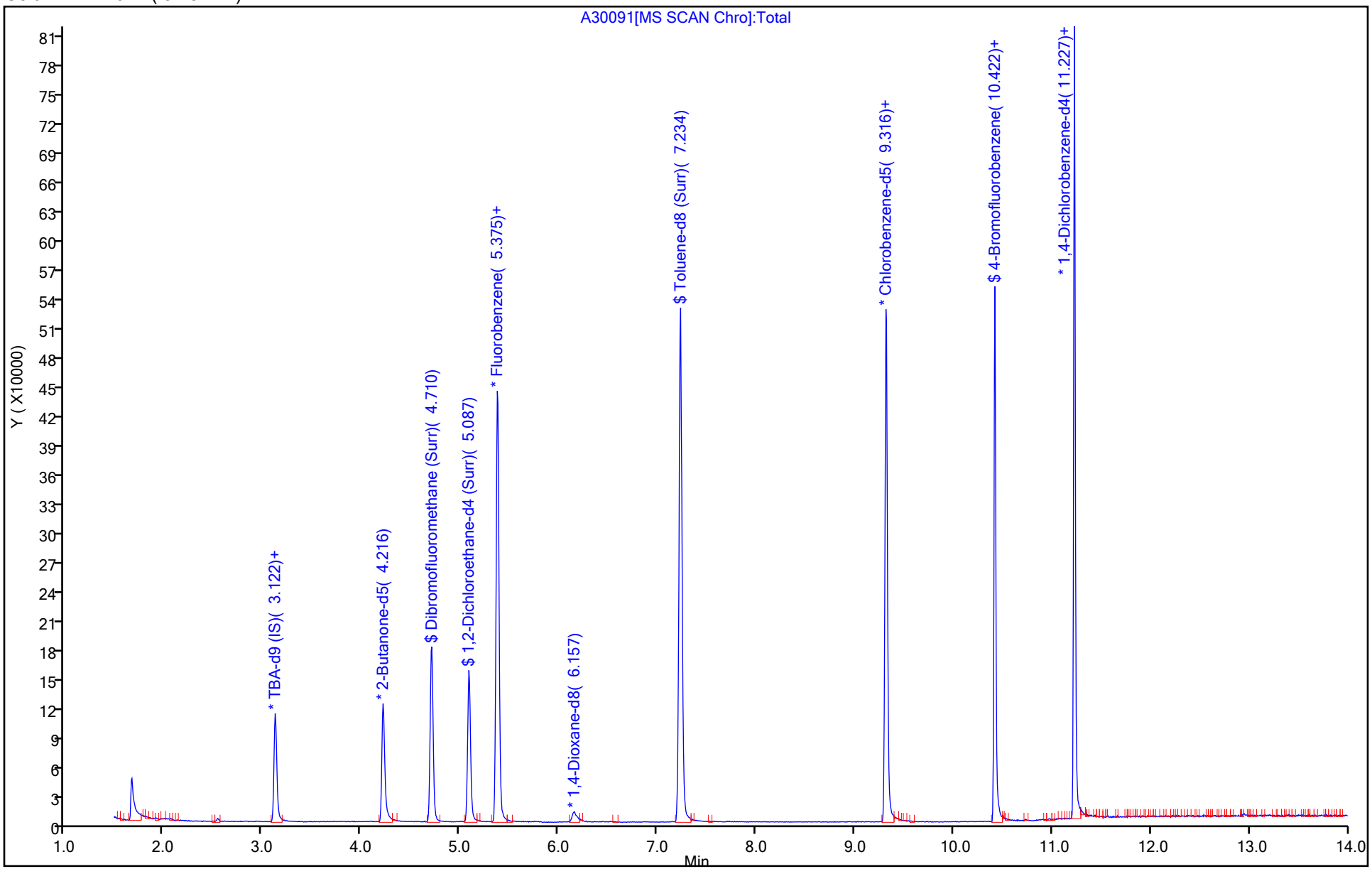
Report Date: 01-Aug-2025 18:34:40 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30091.D

Injection Date:	01-Aug-2025 11:37:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331678-A-2	Lab Sample ID:	460-331678-2	Worklist Smp#:	13
Client ID:	MW-10S				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30091.D
Lims ID: 460-331678-A-2
Client ID: MW-10S
Sample Type: Client
Inject. Date: 01-Aug-2025 11:37:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-2
Misc. Info.: 460-0194382-013
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: KG2Q Date: 01-Aug-2025 12:01:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.1	102.14
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.7	95.38
$ 83 Toluene-d8 (Surr)	50.0	50.4	100.81
$ 105 4-Bromofluorobenzene	50.0	51.6	103.13

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-1 | Lab Sample ID: 460-331678-3

Matrix: Water | Lab File ID: A30092.D

Analysis Method: 8260D | Date Collected: 07/28/2025 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 12:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30092.D
Lims ID: 460-331678-A-3
Client ID: MW-1
Sample Type: Client
Inject. Date: 01-Aug-2025 12:01:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-3
Misc. Info.: 460-0194382-014
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: KG2Q Date: 01-Aug-2025 12:56:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	127167	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	161851	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	117033	50.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	111288	48.3	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	463012	50.0	
* 73 1,4-Dioxane-d8	96	6.163	6.151	0.012	0	14362	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	99	471340	53.2	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	328620	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	128059	51.3	
* 121 1,4-Dichlorobenzene-d4	152	11.239	11.228	0.011	95	166190	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

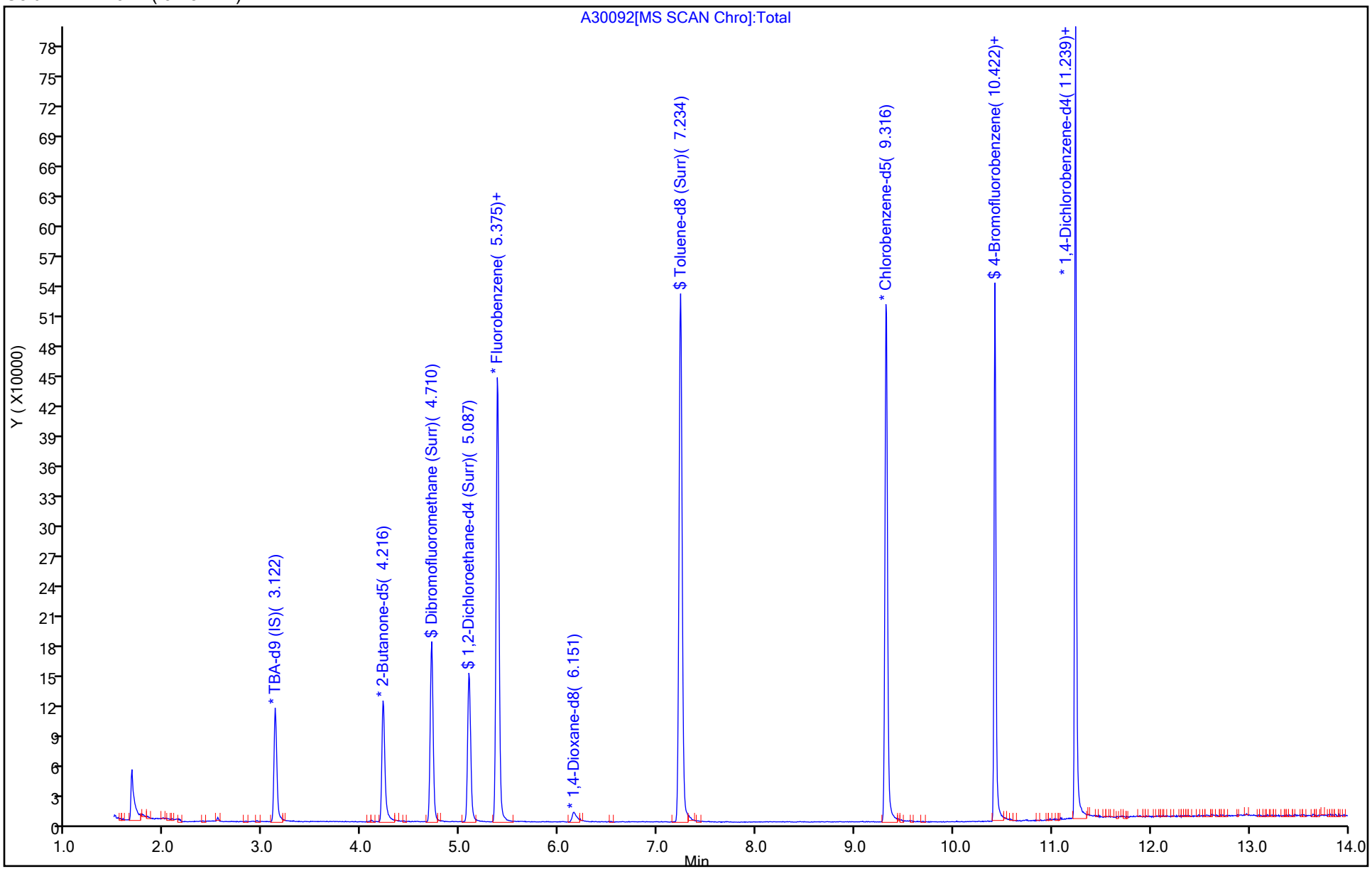
Report Date: 01-Aug-2025 18:34:45 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30092.D

Injection Date:	01-Aug-2025 12:01:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331678-A-3	Lab Sample ID:	460-331678-3	Worklist Smp#:	14
Client ID:	MW-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30092.D
Lims ID: 460-331678-A-3
Client ID: MW-1
Sample Type: Client
Inject. Date: 01-Aug-2025 12:01:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-3
Misc. Info.: 460-0194382-014
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: KG2Q Date: 01-Aug-2025 12:56:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.6	101.22
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.3	96.62
$ 83 Toluene-d8 (Surr)	50.0	53.2	106.43
$ 105 4-Bromofluorobenzene	50.0	51.3	102.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-14S | Lab Sample ID: 460-331678-4

Matrix: Water | Lab File ID: A30093.D

Analysis Method: 8260D | Date Collected: 07/28/2025 10:55

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 12:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30093.D
Lims ID: 460-331678-A-4
Client ID: MW-14S
Sample Type: Client
Inject. Date: 01-Aug-2025 12:26:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-4
Misc. Info.: 460-0194382-015
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: KG2Q Date: 01-Aug-2025 12:56:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	127297	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	158335	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	96	118583	50.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	112627	47.9	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	472656	50.0	
* 73 1,4-Dioxane-d8	96	6.146	6.151	-0.005	0	17091	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	99	413628	46.8	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	327938	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	89	126510	50.8	
* 121 1,4-Dichlorobenzene-d4	152	11.228	11.228	0.000	95	165873	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

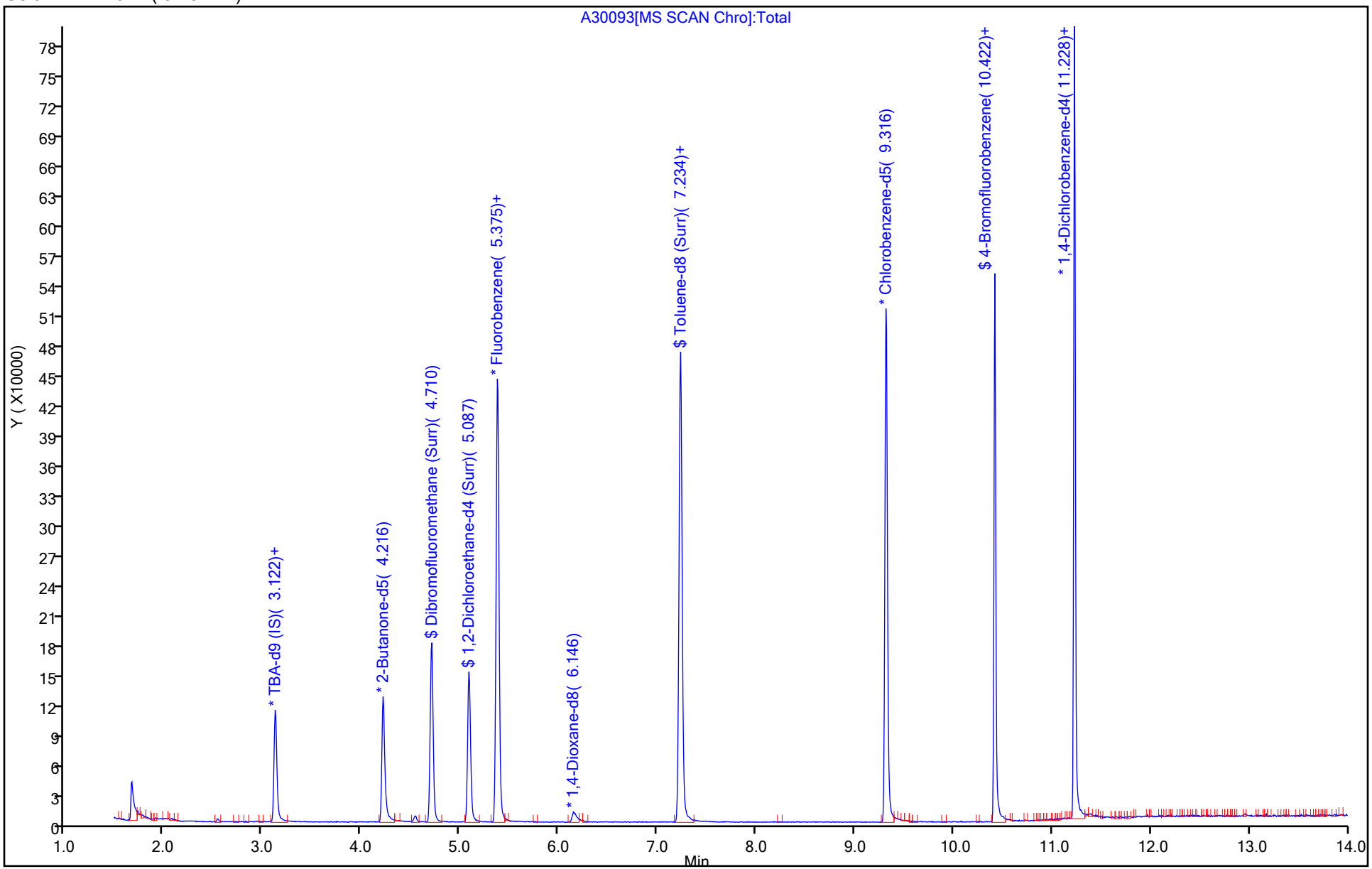
Report Date: 01-Aug-2025 18:34:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30093.D

Injection Date:	01-Aug-2025 12:26:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331678-A-4	Lab Sample ID:	460-331678-4	Worklist Smp#:	15
Client ID:	MW-14S				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30093.D
Lims ID: 460-331678-A-4
Client ID: MW-14S
Sample Type: Client
Inject. Date: 01-Aug-2025 12:26:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-4
Misc. Info.: 460-0194382-015
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: KG2Q Date: 01-Aug-2025 12:56:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.2	100.47
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.9	95.79
$ 83 Toluene-d8 (Surr)	50.0	46.8	93.59
$ 105 4-Bromofluorobenzene	50.0	50.8	101.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-7S | Lab Sample ID: 460-331678-5

Matrix: Water | Lab File ID: A30094.D

Analysis Method: 8260D | Date Collected: 07/28/2025 11:50

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 12:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30094.D
Lims ID: 460-331678-A-5
Client ID: MW-7S
Sample Type: Client
Inject. Date: 01-Aug-2025 12:50:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-5
Misc. Info.: 460-0194382-016
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: KG2Q Date: 01-Aug-2025 13:16:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	133105	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	168808	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	96	117716	47.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	116525	47.1	
* 66 Fluorobenzene	96	5.375	5.375	0.000	100	497652	50.0	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	17166	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	100	465289	53.5	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	322774	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	125390	51.2	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	95	165094	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

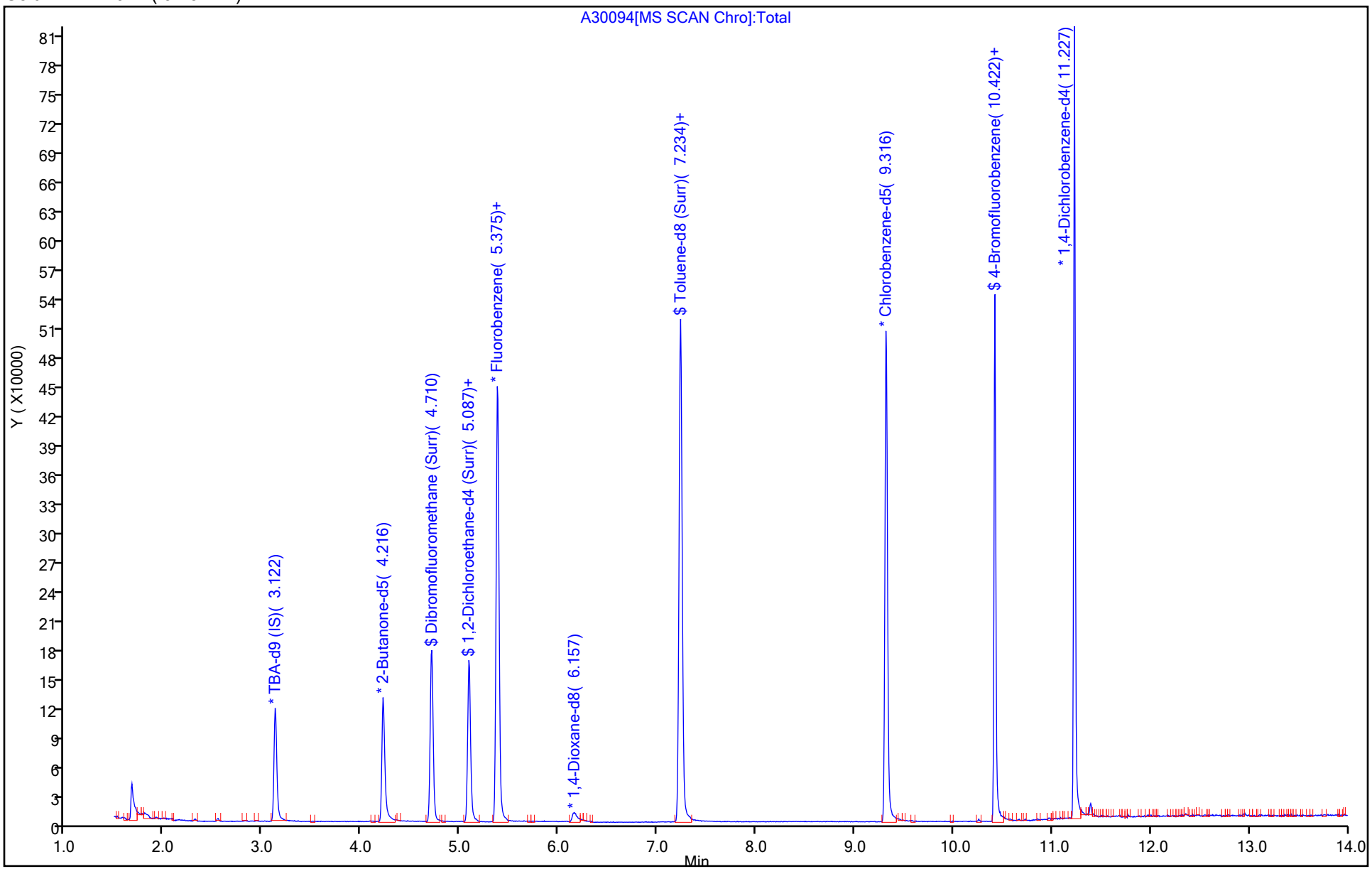
Report Date: 01-Aug-2025 18:34:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30094.D

Injection Date:	01-Aug-2025 12:50:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331678-A-5	Lab Sample ID:	460-331678-5	Worklist Smp#:	16
Client ID:	MW-7S				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30094.D
Lims ID: 460-331678-A-5
Client ID: MW-7S
Sample Type: Client
Inject. Date: 01-Aug-2025 12:50:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-5
Misc. Info.: 460-0194382-016
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: KG2Q Date: 01-Aug-2025 13:16:13

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	47.4	94.72
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.1	94.13
$ 83 Toluene-d8 (Surr)	50.0	53.5	106.96
$ 105 4-Bromofluorobenzene	50.0	51.2	102.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-12S | Lab Sample ID: 460-331678-6

Matrix: Water | Lab File ID: A30090.D

Analysis Method: 8260D | Date Collected: 07/28/2025 12:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 11:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-132
2037-26-5	Toluene-d8 (Surr)	89		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30090.D
Lims ID: 460-331678-A-6
Client ID: MW-12S
Sample Type: Client
Inject. Date: 01-Aug-2025 11:12:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-6
Misc. Info.: 460-0194382-012
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 19:42:07 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 19:42:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	129132	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	158561	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	135924	55.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	109889	45.2	
* 66 Fluorobenzene	96	5.381	5.375	0.006	100	488608	50.0	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	14391	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.233	7.228	0.005	100	409551	44.4	
* 94 Chlorobenzene-d5	117	9.322	9.316	0.006	85	342574	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	128603	49.4	
* 121 1,4-Dichlorobenzene-d4	152	11.233	11.228	0.005	95	175354	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

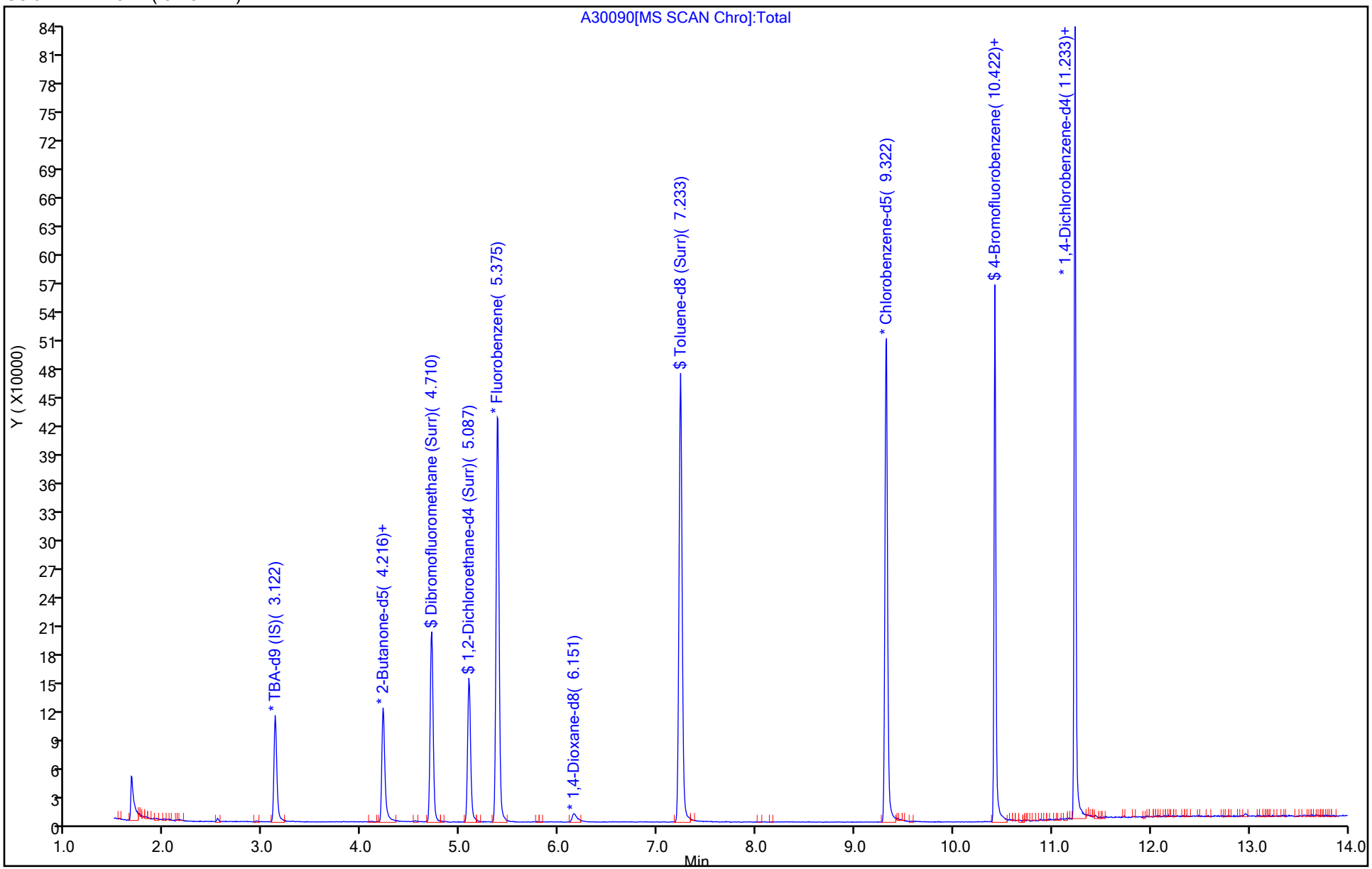
Report Date: 01-Aug-2025 19:42:08 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30090.D

Injection Date:	01-Aug-2025 11:12:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331678-A-6	Lab Sample ID:	460-331678-6	Worklist Smp#:	12
Client ID:	MW-12S				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30090.D
Lims ID: 460-331678-A-6
Client ID: MW-12S
Sample Type: Client
Inject. Date: 01-Aug-2025 11:12:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-6
Misc. Info.: 460-0194382-012
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 19:42:07 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 19:42:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	55.7	111.40
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	45.2	90.41
$ 83 Toluene-d8 (Surr)	50.0	44.4	88.71
$ 105 4-Bromofluorobenzene	50.0	49.4	98.86

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-12D | Lab Sample ID: 460-331678-7

Matrix: Water | Lab File ID: A30095.D

Analysis Method: 8260D | Date Collected: 07/28/2025 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 13:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	80		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30095.D
Lims ID: 460-331678-A-7
Client ID: MW-12D
Sample Type: Client
Inject. Date: 01-Aug-2025 13:15:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-7
Misc. Info.: 460-0194382-017
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:35:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	128437	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	160802	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	96	116637	51.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	108290	48.1	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	452512	50.0	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	14555	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	100	402406	40.2	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	84	371280	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	91	145230	51.5	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	96	170201	50.0	

Reagents:

8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

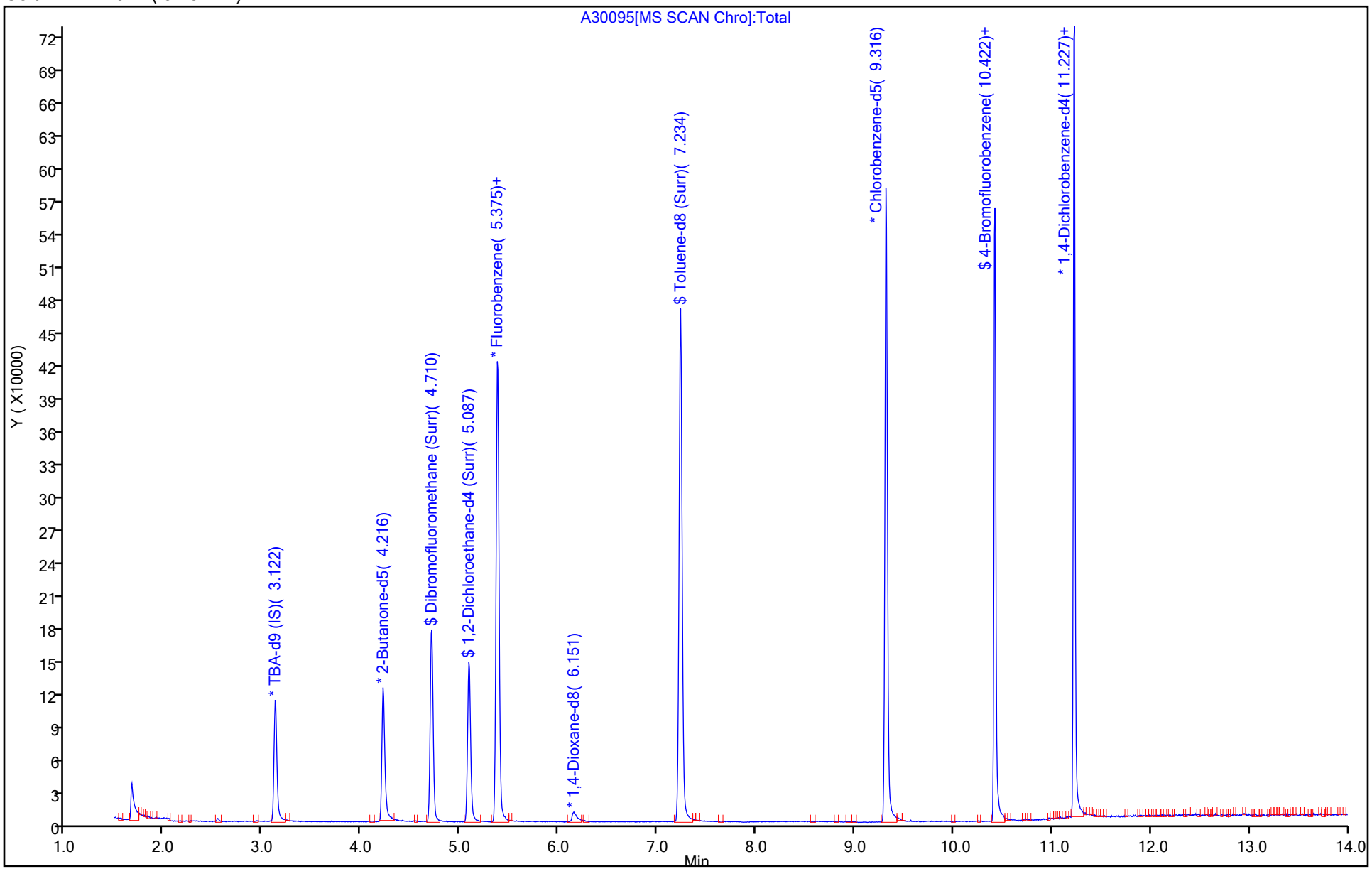
Report Date: 01-Aug-2025 18:35:01 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30095.D

Injection Date:	01-Aug-2025 13:15:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331678-A-7	Lab Sample ID:	460-331678-7	Worklist Smp#:	17
Client ID:	MW-12D				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30095.D
Lims ID: 460-331678-A-7
Client ID: MW-12D
Sample Type: Client
Inject. Date: 01-Aug-2025 13:15:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-7
Misc. Info.: 460-0194382-017
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:35:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.6	103.22
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.1	96.20
$ 83 Toluene-d8 (Surr)	50.0	40.2	80.42
$ 105 4-Bromofluorobenzene	50.0	51.5	103.01

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: DUP-01 | Lab Sample ID: 460-331678-8

Matrix: Water | Lab File ID: A30096.D

Analysis Method: 8260D | Date Collected: 07/28/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 13:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30096.D
Lims ID: 460-331678-A-8
Client ID: DUP-01
Sample Type: Client
Inject. Date: 01-Aug-2025 13:39:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-8
Misc. Info.: 460-0194382-018
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:35:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	134142	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	162830	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.704	4.704	0.000	96	115415	44.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	108718	41.7	
* 66 Fluorobenzene	96	5.375	5.375	0.000	100	524305	50.0	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	17842	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	99	399843	46.5	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	319256	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	127089	52.4	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	95	169094	50.0	

Reagents:

8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

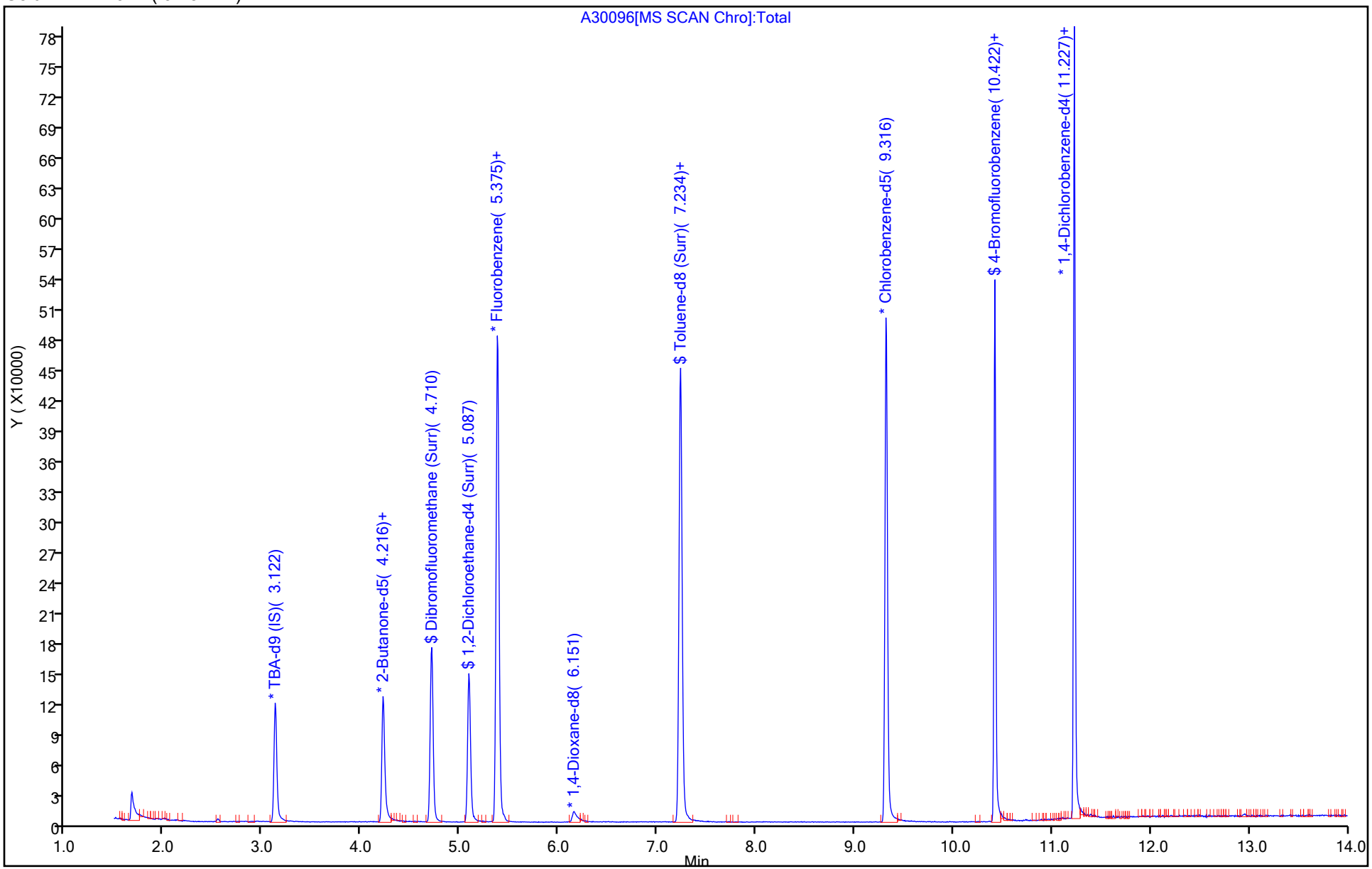
Report Date: 01-Aug-2025 18:35:07 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30096.D

Injection Date:	01-Aug-2025 13:39:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331678-A-8	Lab Sample ID:	460-331678-8	Worklist Smp#:	18
Client ID:	DUP-01				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30096.D
Lims ID: 460-331678-A-8
Client ID: DUP-01
Sample Type: Client
Inject. Date: 01-Aug-2025 13:39:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-8
Misc. Info.: 460-0194382-018
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:35:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	44.1	88.15
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	41.7	83.36
$ 83 Toluene-d8 (Surr)	50.0	46.5	92.93
$ 105 4-Bromofluorobenzene	50.0	52.4	104.83

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: FB-07282025 | Lab Sample ID: 460-331678-9

Matrix: Water | Lab File ID: A30089.D

Analysis Method: 8260D | Date Collected: 07/28/2025 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 10:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-132
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30089.D
Lims ID: 460-331678-A-9
Client ID: FB-07282025
Sample Type: Client
Inject. Date: 01-Aug-2025 10:48:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-9
Misc. Info.: 460-0194382-011
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 09:03:41 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: KG2Q Date: 01-Aug-2025 11:12:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	122365	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	155930	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	135702	53.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	117567	46.8	
* 66 Fluorobenzene	96	5.375	5.375	0.000	100	505429	50.0	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	17115	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	100	420060	46.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	332528	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	91	128959	51.1	
* 121 1,4-Dichlorobenzene-d4	152	11.233	11.228	0.005	96	174534	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

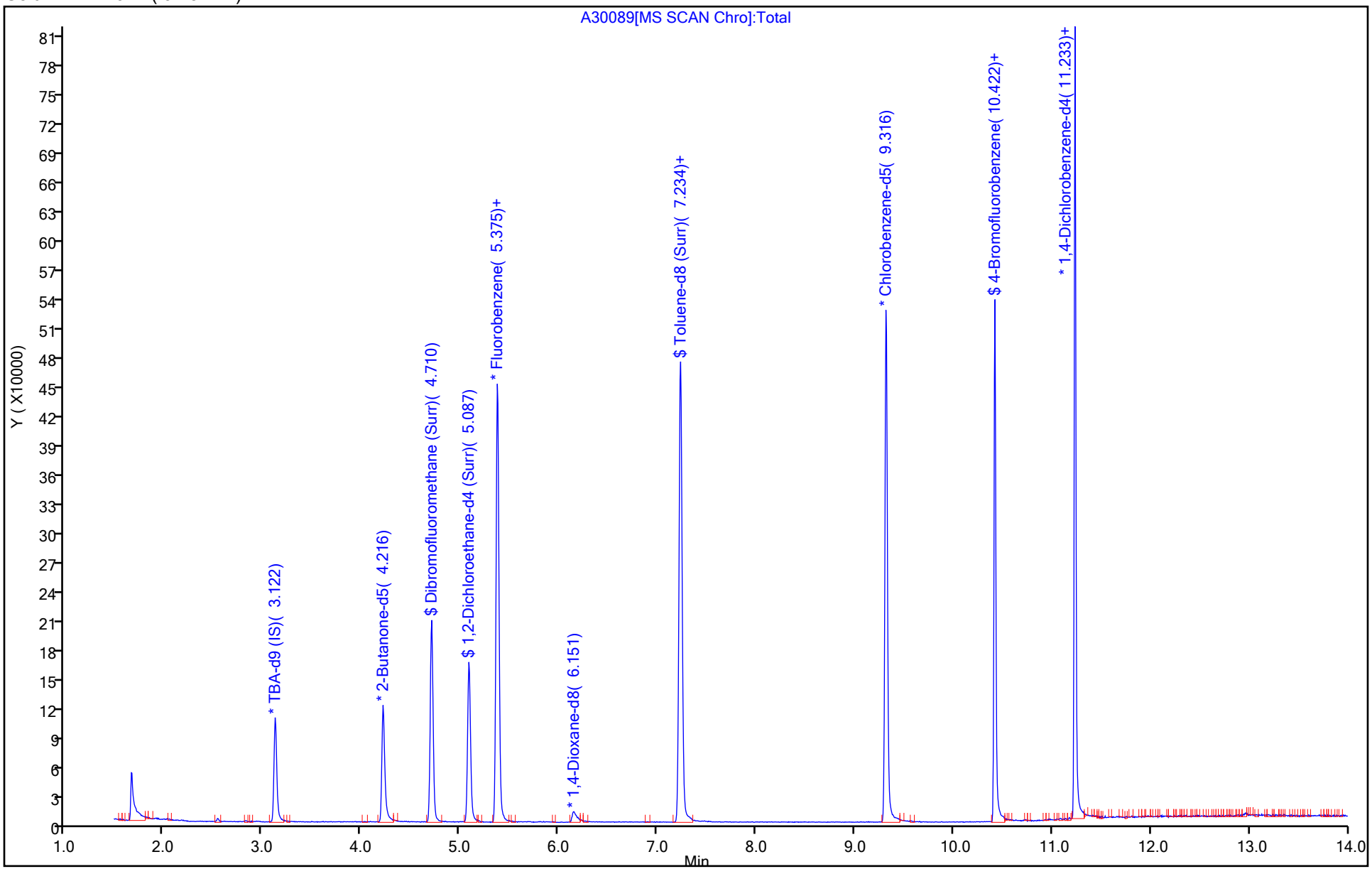
Report Date: 01-Aug-2025 11:12:36 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30089.D

Injection Date:	01-Aug-2025 10:48:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331678-A-9	Lab Sample ID:	460-331678-9	Worklist Smp#:	11
Client ID:	FB-07282025				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30089.D
Lims ID: 460-331678-A-9
Client ID: FB-07282025
Sample Type: Client
Inject. Date: 01-Aug-2025 10:48:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-9
Misc. Info.: 460-0194382-011
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 09:03:41 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: KG2Q Date: 01-Aug-2025 11:12:36

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	53.8	107.52
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.8	93.51
$ 83 Toluene-d8 (Surr)	50.0	46.9	93.73
$ 105 4-Bromofluorobenzene	50.0	51.1	102.13

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1037325/4	A26558.D
Level 2	STD8 460-1037325/19	A26573.D
Level 3	STD1 460-1037325/20	A26574.D
Level 4	STD5 460-1037325/6	A26560.D
Level 5	STD20 460-1037325/7	A26561.D
Level 6	STD50 460-1037325/8	A26562.D
Level 7	STD200 460-1037325/9	A26563.D
Level 8	STD500 460-1037325/10	A26564.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0440	+++++ 0.0541	0.0523 0.0637	0.0445	0.0438	Ave		0.0504				15.7		20.0			
Dichlorodifluoromethane	+++++ 0.2996	+++++ 0.3426	0.3585 0.3827	0.3740	0.3108	Ave		0.3447			0.1000	9.8		20.0			
Chlorodifluoromethane	+++++ 0.2485	+++++ 0.3066	0.3035 0.2869	0.3127	0.2918	Ave		0.2916				7.9		20.0			
Chloromethane	+++++ 0.3492	+++++ 0.3779	0.3717 0.3759	0.3635	0.3643	Ave		0.3671			0.0050	2.9		20.0			
Vinyl chloride	+++++ 0.3096	+++++ 0.3254	0.3047 0.3325	0.3375	0.3138	Ave		0.3206			0.0050	4.1		20.0			
Butadiene	0.4077 0.2536	+++++ 0.2577	0.3084 0.2731	0.2838	0.2539	Ave		0.2912				18.9		20.0			
Bromomethane	+++++ 0.2051	+++++ 0.2268	0.2023 0.2499	0.1859	0.1969	Ave		0.2111			0.0050	11.0		20.0			
Chloroethane	+++++ 0.2067	+++++ 0.2141	0.2230 0.2167	0.2231	0.2118	Ave		0.2159			0.0050	3.0		20.0			
Dichlorofluoromethane	+++++ 0.5685	+++++ 0.5709	0.6420 0.5669	0.5844	0.5839	Ave		0.5861				4.9		20.0			
Trichlorofluoromethane	+++++ 0.3951	+++++ 0.3928	0.4499 0.4261	0.4184	0.4031	Ave		0.4143			0.1000	5.3		20.0			
Pentane	+++++ 3.2824	+++++ 2.6024	4.4772 3.0581	4.1578	3.2899	QuaF		2.4476	0.0006057						0.9990		0.9900
Ethanol	+++++ 0.0717	+++++ 0.0709	0.1554 0.0701	0.0824	0.0755	Lin2	3.4058	0.0696							0.9990		0.9900
Ethyl ether	+++++ 0.1781	+++++ 0.1796	0.3506 0.1794	0.2164	0.1861	Lin2	0.1729	0.1782							1.0000		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2126	+++++ 0.1846	0.2397 0.2036	0.2414	0.2107	Ave		0.2154				10.1		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2015	+++++ 0.1957	0.2375 0.2141	0.2116	0.1949	Ave		0.2092				7.6		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3552	+++++ 0.3391	0.3886 0.3595	0.3731	0.3433	Ave		0.3598				5.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2098	+++++ 0.1893	0.2612 0.2134	0.2537	0.2098	Ave		0.2229			0.1000	12.7		20.0			
Acrolein	+++++ 1.9923	+++++ 2.1103	3.2237 2.1621	1.9378	2.0115	Lin2	4.8028	1.9655							0.9920		0.9900
1,1-Dichloroethene	+++++ 0.2311	+++++ 0.2109	0.2827 0.2204	0.2406	0.2428	Ave		0.2381			0.1000	10.5		20.0			
Acetone	+++++ 0.2221	+++++ 0.3153	0.2197 0.3022	0.2271	0.2290	Ave		0.2526			0.0010	17.4		20.0			
Isopropyl alcohol	+++++ 0.7214	+++++ 0.6916	0.9077 0.7003	0.7751	0.7099	Ave		0.7510				11.0		20.0			
Iodomethane	+++++ 0.3216	+++++ 0.3349	0.2757 0.3513	0.2370	0.2738	Ave		0.2991				14.6		20.0			
Carbon disulfide	+++++ 0.8028	+++++ 0.6204	1.0415 0.6365	0.8437	0.8008	Ave		0.7910			0.1000	19.5		20.0			
Methyl acetate	+++++ 8.3406	+++++ 8.5328	8.6669 8.6891	8.7176	8.7328	Ave		8.6133			0.0500	1.8		20.0			
3-Chloro-1-propene	+++++ 0.1634	+++++ 0.1592	0.1889 0.1554	0.1649	0.1709	Ave		0.1671				7.1		20.0			
Cyclopentene	+++++ 0.6441	+++++ 0.5282	0.8187 0.5699	0.7241	0.6296	Ave		0.6524				16.2		20.0			
Acetonitrile	+++++ 1.6211	+++++ 1.6751	1.5816 1.6125	1.5156	1.6634	Ave		1.6116				3.6		20.0			
Methylene Chloride	+++++ 0.2786	+++++ 0.2675	0.2772 0.2663	0.2873	0.2859	Ave		0.2771			0.1000	3.2		20.0			
2-Methyl-2-propanol	+++++ 1.1619	+++++ 1.1804	1.2213 1.1484	1.2063	1.1744	Ave		1.1821				2.3		20.0			
Methyl tert-butyl ether	+++++ 0.5834	+++++ 0.5935	0.6231 0.5938	0.5538	0.5967	Ave		0.5907			0.1000	3.8		20.0			
trans-1,2-Dichloroethene	+++++ 0.2777	+++++ 0.2510	0.2899 0.2547	0.2895	0.2802	Ave		0.2738			0.1000	6.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.0533 0.0489	+++++ 0.0523	0.0544 0.0537	0.0493	0.0511	Ave		0.0518				4.1		20.0			
Hexane	+++++ 0.1338	+++++ 0.1018	0.2036 0.1081	0.1950	0.1415	Ave		0.1473				29.2	*	20.0			
Isopropyl ether	+++++ 0.7691	+++++ 0.7477	0.8424 0.7418	0.7661	0.7900	Ave		0.7762				4.7		20.0			
1,1-Dichloroethane	+++++ 0.4998	+++++ 0.4762	0.5021 0.4791	0.4952	0.4967	Ave		0.4915			0.2000	2.2		20.0			
Vinyl acetate	+++++ 3.2326	+++++ 3.2302	2.4801 3.1662	3.3463	3.5973	Ave		3.1754				11.8		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2386	+++++ 0.2140	0.2615 0.2232	0.2446	0.2403	Ave		0.2370				7.0		20.0			
Tert-butyl ethyl ether	+++++ 0.7280	+++++ 0.7076	0.7318 0.7151	0.7074	0.7378	Ave		0.7213				1.8		20.0			
2,2-Dichloropropane	+++++ 0.0965	+++++ 0.0914	0.0878 0.0946	0.1060	0.0988	Ave		0.0959				6.6		20.0			
cis-1,2-Dichloroethene	+++++ 0.3046	+++++ 0.2935	0.3466 0.3023	0.3074	0.3009	Ave		0.3092			0.1000	6.1		20.0			
Ethyl acetate	+++++ 0.3402	+++++ 0.3428	0.7158 0.3377	0.3210	0.3464	Qua	0.0806	0.3451	-0.000007						1.0000		0.9900
2-Butanone (MEK)	+++++ 0.3008	+++++ 0.3597	0.4914 0.3494	0.3163	0.3146	Ave		0.3554			0.0100	19.8		20.0			
Methyl acrylate	+++++ 0.1346	+++++ 0.1329	0.1860 0.1348	0.1258	0.1424	Ave		0.1427				15.3		20.0			
Propionitrile	+++++ 1.6672	+++++ 1.6594	1.7610 1.6346	1.7563	1.6984	Ave		1.6961				3.1		20.0			
Chlorobromomethane	+++++ 0.1282	+++++ 0.1254	0.1252 0.1315	0.1193	0.1261	Ave		0.1260				3.2		20.0			
Tetrahydrofuran	+++++ 0.9909	+++++ 1.0228	2.1910 0.9675	1.0617	1.1359	Lin2	2.3820	0.9748							0.9920		0.9900
Methacrylonitrile	+++++ 0.0684	+++++ 0.0686	0.0642 0.0709	0.0648	0.0697	Ave		0.0678				3.9		20.0			
Chloroform	+++++ 0.4833	+++++ 0.4755	0.5127 0.4786	0.5088	0.4949	Ave		0.4923			0.2000	3.2		20.0			
Cyclohexane	+++++ 0.3445	+++++ 0.2855	0.4238 0.3103	0.4286	0.3496	Ave		0.3571			0.1000	16.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.4093	+++++ 0.3878	0.4450 0.4010	0.4482	0.4056	Ave		0.4161			0.1000	5.9		20.0			
Carbon tetrachloride	+++++ 0.3347	+++++ 0.3127	0.3385 0.3307	0.3523	0.3338	Ave		0.3338			0.1000	3.8		20.0			
1,1-Dichloropropene	+++++ 0.3650	+++++ 0.3324	0.4141 0.3413	0.3752	0.3635	Ave		0.3652				7.9		20.0			
Isobutyl alcohol	+++++ 0.4704	+++++ 0.4860	0.5738 0.4897	0.5294	0.4740	Ave		0.5039				8.0		20.0			
Isooctane	+++++ 0.3589	+++++ 0.3145	0.6118 0.3466	0.5774	0.3612	Ave		0.4284				30.4	*	20.0			
Benzene	+++++ 1.5546	1.9898 1.4387	1.7188 1.3519	1.5410	1.5412	Ave		1.5909			0.5000	13.1		20.0			
Isopropyl acetate	+++++ 0.0697	+++++ 0.0694	0.3028 0.0717	0.1128	0.0873	Lin2	0.2330	0.0694							0.9970		0.9900
Tert-amyl methyl ether	+++++ 0.1850	+++++ 0.1812	0.1982 0.1844	0.1785	0.1872	Ave		0.1857				3.7		20.0			
1,2-Dichloroethane	+++++ 0.2982	0.4418 0.2952	0.3261 0.2894	0.3111	0.3122	Ave		0.3248			0.1000	16.3		20.0			
n-Heptane	+++++ 0.0968	+++++ 0.0784	0.1504 0.0846	0.1665	0.0985	Ave		0.1125				32.6	*	20.0			
n-Butanol	+++++ 0.3169	+++++ 0.3295	0.4333 0.3391	0.3062	0.3220	Ave		0.3412				13.6		20.0			
Trichloroethene	+++++ 0.2858	0.3214 0.2720	0.2879 0.2820	0.2925	0.2838	Ave		0.2893			0.2000	5.3		20.0			
Ethyl acrylate	+++++ 0.0270	+++++ 0.0250	0.0267 0.0269	0.0323	0.0289	Ave		0.0278				9.1		20.0			
Methylcyclohexane	+++++ 0.2842	+++++ 0.2452	0.3447 0.2710	0.3635	0.2798	Ave		0.2981			0.1000	15.4		20.0			
1,2-Dichloropropane	+++++ 0.2704	0.2979 0.2673	0.3046 0.2660	0.2729	0.2737	Ave		0.2790			0.1000	5.6		20.0			
Methyl methacrylate	+++++ 0.1205	+++++ 0.1180	0.1542 0.1213	0.1201	0.1271	Ave		0.1268				10.8		20.0			
1,4-Dioxane	+++++ 1.0659	+++++ 1.2005	0.7001 1.2633	1.1363	1.1430	Ave		1.0848				18.4		20.0			
n-Propyl acetate	+++++ 0.2037	+++++ 0.2066	0.2618 0.2082	0.1919	0.2057	Ave		0.2130				11.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.1380	+++++ 0.1386	0.1355 0.1413	0.1401	0.1478	Ave		0.1402				3.0		20.0			
Dichlorobromomethane	+++++ 0.3587	0.4015 0.3606	0.3661 0.3636	0.3594	0.3608	Ave		0.3673			0.2000	4.2		20.0			
2-Nitropropane	+++++ 0.0377	+++++ 0.0388	0.0652 0.0400	0.0381	0.0437	Lin2	0.0518	0.0384							0.9920		0.9900
Epichlorohydrin	0.2082 0.1934	+++++ 0.2188	0.2535 0.2298	0.2040	0.1840	Ave		0.2131				11.0		20.0			
cis-1,3-Dichloropropene	+++++ 0.6495	0.8065 0.6170	0.7173 0.6053	0.6113	0.6355	Ave		0.6632			0.2000	11.1		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.4665	+++++ 2.5668	2.8382 2.4474	2.6118	2.5023	Ave		2.5722			0.0500	5.6		20.0			
Toluene	+++++ 1.6037	+++++ 1.5090	1.8313 1.4773	1.5946	1.5809	Ave		1.5995			0.4000	7.8		20.0			
trans-1,3-Dichloropropene	+++++ 0.5171	0.6368 0.5128	0.5516 0.5052	0.4986	0.5189	Ave		0.5345			0.1000	9.0		20.0			
Ethyl methacrylate	+++++ 0.2476	+++++ 0.2514	0.2323 0.2555	0.2529	0.2593	Ave		0.2498				3.8		20.0			
1,1,2-Trichloroethane	+++++ 0.2439	0.1484 0.2424	0.2477 0.2360	0.2587	0.2476	Ave		0.2321			0.1000	16.2		20.0			
Tetrachloroethene	+++++ 0.3572	0.4761 0.3335	0.3660 0.3399	0.3540	0.3536	Ave		0.3686			0.2000	13.2		20.0			
1,3-Dichloropropane	+++++ 0.4850	+++++ 0.4810	0.4566 0.4691	0.5045	0.5034	Ave		0.4833				3.9		20.0			
2-Hexanone	+++++ 0.9470	+++++ 1.0537	0.9476 1.0188	0.9662	0.9759	Ave		0.9849			0.0500	4.3		20.0			
n-Butyl acetate	+++++ 0.0636	+++++ 0.0614	0.0519 0.0606	0.0611	0.0663	Ave		0.0608				8.0		20.0			
Chlorodibromomethane	+++++ 0.3408	0.1703 0.3393	0.3255 0.3358	0.3147	0.3429	Lin2	-0.033	0.3397			0.1000				0.9990		0.9900
Ethylene Dibromide	+++++ 0.2706	+++++ 0.2687	0.3084 0.2608	0.2760	0.2746	Ave		0.2765			0.1000	6.0		20.0			
Chlorobenzene	+++++ 0.9997	+++++ 0.9650	1.1247 0.9709	1.0012	0.9959	Ave		1.0096			0.5000	5.8		20.0			
Ethylbenzene	+++++ 0.5496	+++++ 0.5246	0.6584 0.5338	0.5656	0.5324	Ave		0.5607			0.1000	8.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	+++++ 0.3569	+++++ 0.3627	0.2591 0.3625	0.3497	0.3481	Ave		0.3399				11.8		20.0			
m-Xylene & p-Xylene	+++++ 0.6783	+++++ 0.6316	0.7907 0.6213	0.6787	0.6647	Ave		0.6776			0.1000	8.9		20.0			
n-Butyl acrylate	+++++ 0.2128	+++++ 0.2155	0.2325 0.2221	0.2174	0.2317	Ave		0.2220				3.8		20.0			
o-Xylene	+++++ 0.6587	+++++ 0.6350	0.7532 0.6387	0.6231	0.6519	Ave		0.6601			0.3000	7.2		20.0			
Styrene	+++++ 1.1084	+++++ 1.0724	1.1317 1.0543	1.0578	1.0970	Ave		1.0870			0.3000	2.8		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8307	+++++ 0.8193	0.9886 0.8246	0.8388	0.8858	Ave		0.8646				7.5		20.0			
Bromoform	+++++ 0.1835	+++++ 0.1904	0.1710 0.1929	0.1691	0.1828	Ave		0.1816			0.1000	5.4		20.0			
Isopropylbenzene	+++++ 1.4587	+++++ 1.3853	1.6021 1.3960	1.5149	1.4331	Ave		1.4650			0.1000	5.6		20.0			
Bromobenzene	+++++ 0.8094	+++++ 0.7933	0.8982 0.8497	0.7882	0.8046	Ave		0.8239				5.1		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.5659	0.5369 0.5652	0.5780 0.5936	0.5401	0.5765	Ave		0.5652			0.3000	3.6		20.0			
N-Propylbenzene	+++++ 3.8905	+++++ 3.6684	4.6638 3.7547	3.9417	3.8683	Ave		3.9646				9.0		20.0			
1,2,3-Trichloropropane	+++++ 0.1650	+++++ 0.1630	0.1449 0.1699	0.1607	0.1604	Ave		0.1606				5.3		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1638	+++++ 0.1584	0.1979 0.1643	0.1763	0.1680	Ave		0.1715				8.3		20.0			
2-Chlorotoluene	+++++ 2.7269	+++++ 2.6364	3.2337 2.7291	2.6647	2.7249	Ave		2.7859				8.0		20.0			
4-Ethyltoluene	+++++ 3.1992	+++++ 3.0883	3.8831 3.2284	3.1763	3.0900	Ave		3.2776				9.2		20.0			
1,3,5-Trimethylbenzene	+++++ 2.5404	+++++ 2.4565	2.9770 2.5098	2.4884	2.4893	Ave		2.5769				7.7		20.0			
4-Chlorotoluene	+++++ 2.4614	+++++ 2.3508	3.0408 2.3997	2.4919	2.5099	Ave		2.5424				9.9		20.0			
Butyl Methacrylate	+++++ 0.9039	+++++ 0.8899	1.0688 0.9094	0.8953	0.8974	Ave		0.9274				7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	+++++ 2.0964	+++++ 1.9943	2.4289 2.0613	2.0602	2.0520	Ave		2.1155				7.4		20.0			
1,2,4-Trimethylbenzene	+++++ 2.6342	+++++ 2.6035	2.9403 2.6443	2.5300	2.5717	Ave		2.6540				5.5		20.0			
sec-Butylbenzene	+++++ 0.5837	+++++ 0.5432	0.8118 0.5714	0.6064	0.5755	Ave		0.6153				16.0		20.0			
4-Isopropyltoluene	+++++ 2.5210	+++++ 2.5079	3.1312 2.5869	2.5220	2.4818	Ave		2.6251				9.5		20.0			
1,3-Dichlorobenzene	+++++ 1.4891	+++++ 1.4862	1.6874 1.5785	1.3913	1.4430	Ave		1.5126			0.6000	7.0		20.0			
1,4-Dichlorobenzene	+++++ 1.4773	+++++ 1.4909	1.8580 1.5924	1.4809	1.4550	Ave		1.5591			0.5000	9.9		20.0			
1,2,3-Trimethylbenzene	+++++ 2.6215	+++++ 2.6460	3.1371 2.6938	2.5097	2.5889	Ave		2.6995				8.3		20.0			
Benzyl chloride	+++++ 1.1278	+++++ 1.1368	1.1585 1.1407	1.0836	1.1471	Ave		1.1324				2.3		20.0			
Indan	+++++ 2.3631	+++++ 2.3376	2.9053 2.3301	2.4149	2.4092	Ave		2.4600				9.0		20.0			
p-Diethylbenzene	+++++ 1.4477	+++++ 1.4280	2.0048 1.4486	1.4640	1.5000	Ave		1.5489				14.5		20.0			
n-Butylbenzene	+++++ 1.2118	+++++ 1.1729	1.6374 1.1503	1.2096	1.2080	Ave		1.2650				14.6		20.0			
1,2-Dichlorobenzene	+++++ 1.2647	+++++ 1.2807	1.4497 1.2984	1.2808	1.2776	Ave		1.3086			0.4000	5.3		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.0388	+++++ 2.1267	2.9536 2.1171	1.9677	2.0569	Ave		2.2101				16.7		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0930	+++++ 0.0984	0.1045 0.0974	0.0671	0.0852	Ave		0.0909			0.0500	14.6		20.0			
1,3,5-Trichlorobenzene	+++++ 0.7683	+++++ 0.8051	1.1385 0.8161	0.7925	0.7668	Ave		0.8479				17.0		20.0			
1,2,4-Trichlorobenzene	+++++ 0.6015	+++++ 0.6361	0.9928 0.6539	0.5503	0.6045	Qua2	0.4245	0.5525	0.0002350		0.2000				0.9930		0.9900
Hexachlorobutadiene	+++++ 0.2437	+++++ 0.2447	0.4800 0.2525	0.2369	0.2349	Qua2	0.2575	0.2167	0.0000820						0.9940		0.9900
Naphthalene	+++++ 1.1188	+++++ 1.1370	2.0124 1.2022	1.0782	1.1072	Lin2	0.8876	1.0871							0.9900		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	+++++ 0.4299	+++++ 0.4463	0.8488 0.4640	0.3875	0.4307	Qua	-0.031	0.4336	0.0000611						1.0000		0.9900
Dibromofluoromethane (Surr)	0.2478 0.2511	0.2492 0.2454	0.2485 0.2545	0.2478	0.2535	Ave		0.2497				1.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2460 0.2502	0.2455 0.2489	0.2485 0.2498	0.2502	0.2509	Ave		0.2488				0.8		20.0			
Toluene-d8 (Surr)	1.3440 1.3561	1.3654 1.3553	1.3565 1.2927	1.3671	1.3444	Ave		1.3477				1.8		20.0			
4-Bromofluorobenzene	0.3682 0.3866	0.3836 0.3773	0.3785 0.3764	0.3821	0.3852	Ave		0.3797				1.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1037325/4	A26558.D
Level 2	STD8 460-1037325/19	A26573.D
Level 3	STD1 460-1037325/20	A26574.D
Level 4	STD5 460-1037325/6	A26560.D
Level 5	STD20 460-1037325/7	A26561.D
Level 6	STD50 460-1037325/8	A26562.D
Level 7	STD200 460-1037325/9	A26563.D
Level 8	STD500 460-1037325/10	A26564.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 22383	+++++ 108654	555 325840	2296	8971	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 152604	+++++ 688345	3805 1957459	19309	63594	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 126557	+++++ 615975	3221 1467493	16144	59700	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 177856	+++++ 759237	3945 1922528	18766	74544	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 157657	+++++ 653870	3234 1700583	17425	64207	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1055 129168	+++++ 517891	3274 1396615	14652	51945	0.250 50.0	+++++ 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 104429	+++++ 455654	2147 1277997	9597	40282	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 105274	+++++ 430246	2367 1108492	11517	43334	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 289516	+++++ 1147143	6815 2899349	30173	119464	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 201233	+++++ 789317	4776 2179251	21603	82479	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Pentane	TBAd9	QuaF	+++++ 38950	+++++ 119256	1168 367694	4893	15734	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Ethanol	TBAd9	Lin2	+++++ 17010	+++++ 64987	811 168641	1940	7222	+++++ 2000	+++++ 8000	40.0 20000	200	800
Ethyl ether	FB	Lin2	+++++ 90703	+++++ 360874	3721 917702	11172	38080	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 108280	+++++ 370861	2544 1041362	12463	43108	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 102636	+++++ 393178	2521 1095153	10925	39873	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 180884	+++++ 681293	4125 1838973	19265	70245	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 106848	+++++ 380359	2772 1091670	13101	42927	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrolein	TBAd9	Lin2	+++++ 23642	+++++ 48354	1682 103985	4561	9620	+++++ 100	+++++ 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 117717	+++++ 423859	3001 1127074	12421	49681	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 30116	+++++ 165375	617 423559	3100	12684	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Isopropyl alcohol	TBAd9	Ave	+++++ 42800	+++++ 158460	1184 420979	4561	16975	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Iodomethane	FB	Ave	+++++ 163807	+++++ 672993	2926 1796798	12235	56029	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	+++++ 408854	+++++ 1246556	11055 3255406	43563	163851	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl acetate	TBAd9	Ave	+++++ 98973	+++++ 391022	2261 1044742	10259	41765	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
3-Chloro-1-propene	FB	Ave	+++++ 83197	+++++ 319963	2005 795068	8516	34966	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Cyclopentene	FB	Ave	+++++ 328052	+++++ 1061316	8690 2915020	37385	128819	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetonitrile	TBAd9	Ave	+++++ 96181	+++++ 383806	2063 969426	8918	39777	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 141886	+++++ 537415	2942 1362247	14832	58486	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 68935	+++++ 270470	1593 690403	7098	28083	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 297114	+++++ 1192412	6614 3037119	28595	122080	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 141406	+++++ 504355	3077 1302537	14950	57331	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	1104 248978	+++++ 1050318	5770 2745145	25461	104583	2.00 500	+++++ 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 68127	+++++ 204578	2161 552943	10069	28950	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 391683	+++++ 1502429	8942 3793955	39555	161626	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 254538	+++++ 956820	5330 2450409	25570	101628	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	TBAd9	Ave	+++++ 38359	+++++ 148025	647 380695	3938	17204	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 121520	+++++ 430067	2776 1141485	12629	49167	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 370767	+++++ 1421789	7768 3657584	36526	150950	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 49151	+++++ 183685	932 483892	5471	20224	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 155147	+++++ 589730	3679 1546436	15870	61567	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	Qua	+++++ 18454	+++++ 71921	804 189348	1753	7674	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Butanone (MEK)	BUT	Ave	+++++ 40783	+++++ 188655	1380 489815	4319	17421	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Methyl acrylate	FB	Ave	+++++ 68566	+++++ 266963	1974 689611	6496	29125	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 98919	+++++ 380214	2297 982681	10334	40613	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	+++++ 65309	+++++ 251959	1329 672687	6162	25804	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Lin2	+++++ 53746	+++++ 214588	2461 542495	5798	25162	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	+++++ 348347	+++++ 1377772	6819 3626617	33456	142529	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 246153	+++++ 955351	5442 2448050	26273	101258	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 175469	+++++ 573663	4498 1586981	22131	71530	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 208448	+++++ 779164	4723 2050856	23140	82985	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 170478	+++++ 628278	3593 1691393	18188	68302	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 185907	+++++ 667966	4395 1745508	19370	74366	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 69780	+++++ 278370	1871 736050	7788	28334	+++++ 1250	+++++ 5000	25.0 12500	125	500
Isooctane	FB	Ave	+++++ 182768	+++++ 631850	6494 1772540	29812	73901	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 547704	2909 2074877	12516 5228146	54994	221367	+++++ 50.0	0.200 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl acetate	FB	Lin2	+++++ 35502	+++++ 139400	3214 366568	5825	17869	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 94198	+++++ 364085	2104 943036	9216	38308	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 151863	943 593130	3461 1480252	16064	63868	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 49295	+++++ 157591	1596 432747	8596	20152	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 46999	+++++ 188737	1413 509703	4504	19248	+++++ 1250	+++++ 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 145553	686 546568	3056 1442175	15103	58067	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 13746	+++++ 50207	283 137799	1668	5905	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 144734	+++++ 492669	3659 1386296	18769	57246	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 137729	636 537065	3233 1360705	14090	55993	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 122734	+++++ 474035	3273 1240585	12398	52007	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 16960	+++++ 70436	546 187416	1642	7136	+++++ 1000	+++++ 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	+++++ 103730	+++++ 415056	2779 1065113	9906	42081	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	+++++ 70272	+++++ 278442	1438 722907	7235	30244	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	+++++ 182672	857 724573	3886 1859908	18559	73827	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Lin2	+++++ 38364	+++++ 156034	1385 409514	3935	17890	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Epichlorohydrin	BUT	Ave	563 104884	+++++ 459113	2847 1288546	11142	40751	5.00 1000	+++++ 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 228818	1179 889854	5223 2340874	21817	91271	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 334467	+++++ 1346295	7970 3430657	35659	138573	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++ 565007	+++++ 2176166	13335 5713218	56909	227064	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++	931	4017	17794	74537	+++++	0.200	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			182190	739507	1953909			50.0	200	500		
Ethyl methacrylate	FB	Ave	+++++ 126117	+++++ 505040	2466 1306669	13058	53046	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd 5	Ave	+++++ 85946	217 349544	1804 912583	9232	35566	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd 5	Ave	+++++ 125831	696 481028	2665 1314462	12635	50790	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd 5	Ave	+++++ 170866	+++++ 693683	3325 1814009	18006	72304	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 128414	+++++ 552656	2661 1428091	13192	54043	+++++ 250	+++++ 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd 5	Ave	+++++ 22392	+++++ 88603	378 234290	2181	9522	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBNZd 5	Lin2	+++++ 120061	249 489342	2370 1298780	11232	49245	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZd 5	Ave	+++++ 95354	+++++ 387576	2246 1008465	9851	39440	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd 5	Ave	+++++ 352212	+++++ 1391645	8190 3754643	35732	143037	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd 5	Ave	+++++ 193621	+++++ 756581	4794 2064407	20186	76476	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd 5	Ave	+++++ 125734	+++++ 523128	1887 1402015	12481	50004	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd 5	Ave	+++++ 238985	+++++ 910873	5758 2402737	24222	95477	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd 5	Ave	+++++ 74962	+++++ 310799	1693 858983	7758	33283	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
o-Xylene	CBNZd 5	Ave	+++++ 232065	+++++ 915828	5485 2469865	22236	93627	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Styrene	CBNZd 5	Ave	+++++	+++++	8241	37751	157568	+++++	+++++	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			390499	1546632	4077422			50.0	200	500		
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 143056	+++++ 578445	3501 1530008	14694	62067	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromoform	CBNZd 5	Ave	+++++ 64633	+++++ 274549	1245 745800	6035	26255	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd 5	Ave	+++++ 513920	+++++ 1997823	11666 5398592	54064	205844	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 139389	+++++ 560099	3181 1576732	13808	56382	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 97455	375 399068	2047 1101477	9462	40394	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 669988	+++++ 2589957	16517 6967005	69053	271052	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 28418	+++++ 115058	513 315247	2816	11238	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 28205	+++++ 111865	701 304806	3089	11770	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 469607	+++++ 1861366	11452 5064019	46681	190932	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 550946	+++++ 2180404	13752 5990480	55645	216515	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 437490	+++++ 1734360	10543 4657089	43594	174424	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 423888	+++++ 1659714	10769 4452742	43654	175871	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	+++++ 155660	+++++ 628304	3785 1687455	15685	62879	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 361021	+++++ 1408030	8602 3824747	36092	143785	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 453637	+++++ 1838098	10413 4906551	44322	180197	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 100516	+++++ 383517	2875 1060300	10624	40326	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 434154	+++++ 1770652	11089 4800137	44182	173902	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 256434	+++++ 1049279	5976 2929024	24373	101113	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 254416	+++++ 1052628	6580 2954705	25943	101950	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 451457	+++++ 1868106	11110 4998444	43966	181403	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 194213	+++++ 802629	4103 2116527	18984	80379	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 406958	+++++ 1650394	10289 4323679	42306	168815	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 249310	+++++ 1008222	7100 2687979	25648	105103	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 208688	+++++ 828099	5799 2134427	21190	84644	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 217801	+++++ 904219	5134 2409203	22437	89521	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 351114	+++++ 1501479	10460 3928404	34471	144127	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 16016	+++++ 69473	370 180746	1176	5972	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 132308	+++++ 568408	4032 1514286	13883	53729	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Qua2	+++++ 103593	+++++ 449107	3516 1213343	9640	42358	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Qua2	+++++ 41970	+++++ 172739	1700 468548	4151	16458	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Lin2	+++++ 192675	+++++ 802718	7127 2230780	18889	77584	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Qua	+++++ 74037	+++++ 315073	3006 861015	6788	30179	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	128246 127871	132990 123251	131908 130193	127933	129647	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	127344 127428	130987 125008	131906 127772	129205	128343	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	489194 477771	499047 488656	493898 499929	487899	482751	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	134023 136192	140213 136033	137795 145558	136364	138308	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1037325/4	A26558.D
Level 2	STD8 460-1037325/19	A26573.D
Level 3	STD1 460-1037325/20	A26574.D
Level 4	STD5 460-1037325/6	A26560.D
Level 5	STD20 460-1037325/7	A26561.D
Level 6	STD50 460-1037325/8	A26562.D
Level 7	STD200 460-1037325/9	A26563.D
Level 8	STD500 460-1037325/10	A26564.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethanol	+++++	+++++	1.1						30			
Ethyl ether	+++++	+++++	-0.3						30			
Acrolein	+++++	+++++	2.9						30			
Tetrahydrofuran	+++++	+++++	2.6						30			
Isopropyl acetate	+++++	+++++	0.6						30			
2-Nitropropane	+++++	+++++	2.4						30			
Chlorodibromomethane	+++++	-0.9						30				
Naphthalene	+++++	+++++	3.5						30			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 14-May-2025 04:13:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0190761-004
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:08:49 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: HVW2 Date: 14-May-2025 04:42:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
172 Butadiene	39	1.810	1.810	0.000	92	1055	0.2500	0.3500	M
* 30 TBA-d9 (IS)	65	3.116	3.110	0.006	0	117987	1000.0	1000.0	
35 Acrylonitrile	53	3.404	3.404	0.000	65	1104	2.00	2.06	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	135237	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.698	4.699	0.000	96	128246	50.0	49.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	127344	50.0	49.5	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	517583	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.128	6.134	-0.006	0	14410	1000.0	1000.0	
80 Epichlorohydrin	57	6.892	6.887	0.005	1	563	5.00	4.88	Ma
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	99	489194	50.0	49.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	86	363993	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	88	134023	50.0	48.5	
* 121 1,4-Dichlorobenzene-d4	152	11.221	11.222	-0.001	97	172293	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00205	Amount Added:	0.00	Units: uL	
524FREONS_00033	Amount Added:	0.00	Units: uL	
ACROLEIN W_00183	Amount Added:	0.00	Units: uL	
GASES Li_00641	Amount Added:	2.50	Units: uL	
GAS Hi_00495	Amount Added:	0.00	Units: uL	
Ethanol mix_00101	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00137	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00161	Amount Added:	0.00	Units: uL	
MIX I Hi_00188	Amount Added:	0.00	Units: uL	
7 Freons Hi_00027	Amount Added:	0.00	Units: uL	
14DIOXINTER_00184	Amount Added:	0.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:08:50 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D

Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1 Operator ID:

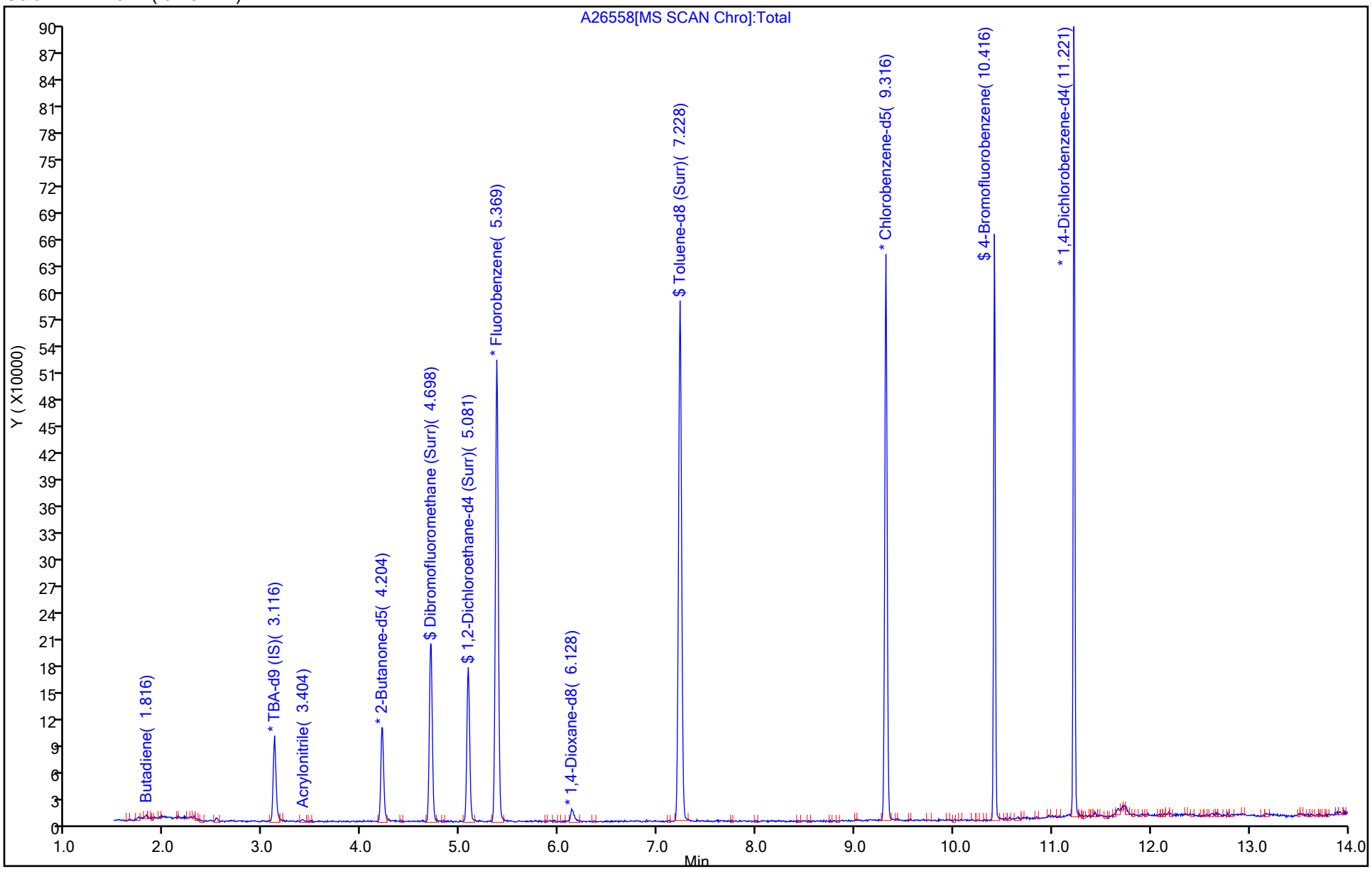
Lims ID: STD7 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

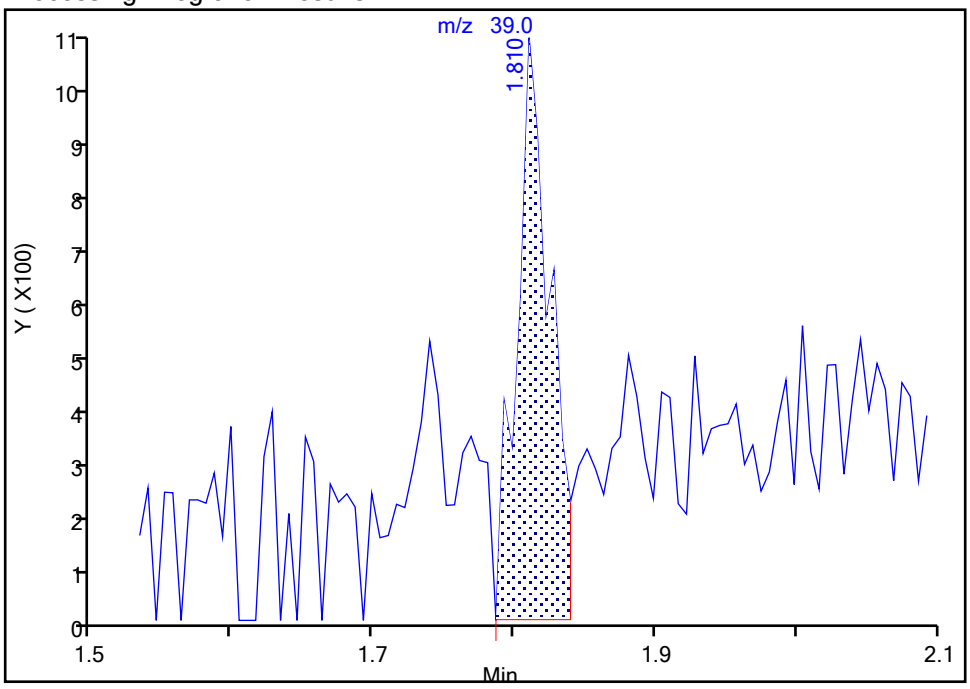
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

172 Butadiene, CAS: 106-99-0

Signal: 1

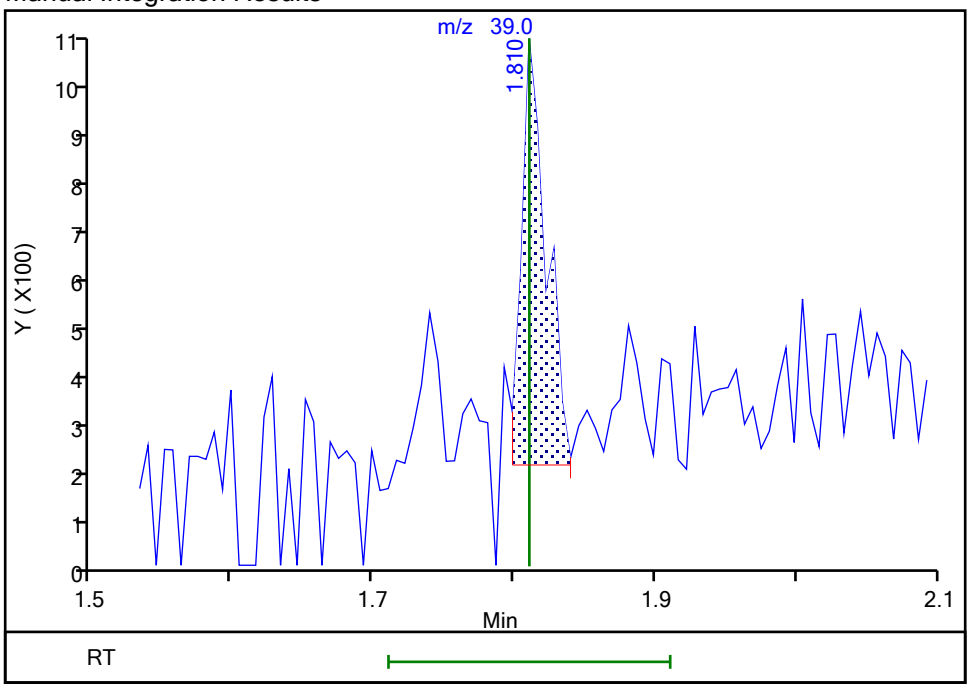
Processing Integration Results

RT: 1.81
Area: 1761
Amount: 0.685288
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 1055
Amount: 0.350021
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:49:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

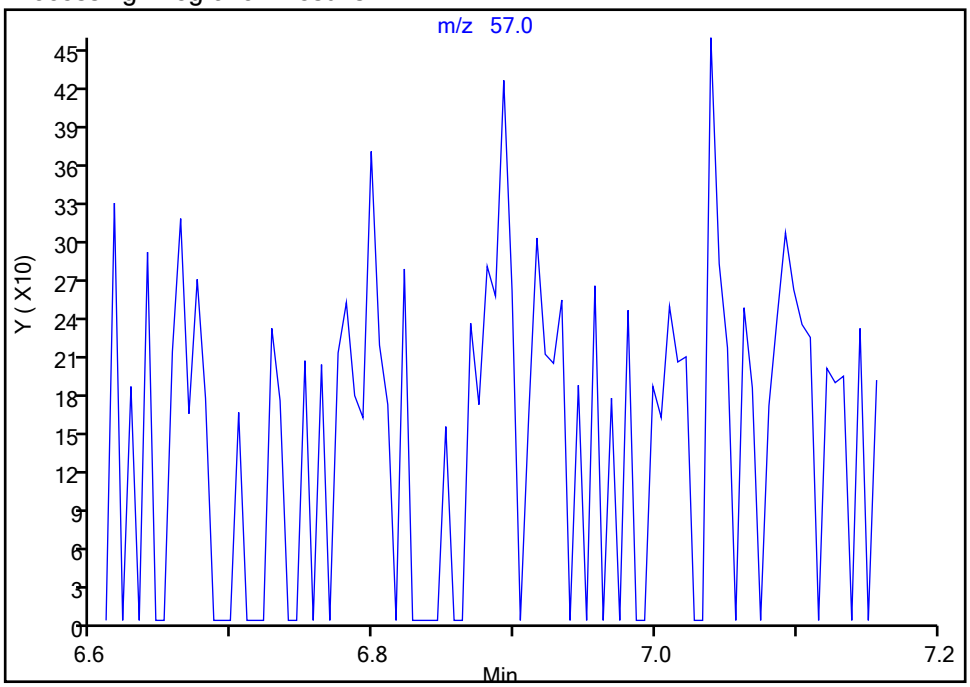
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

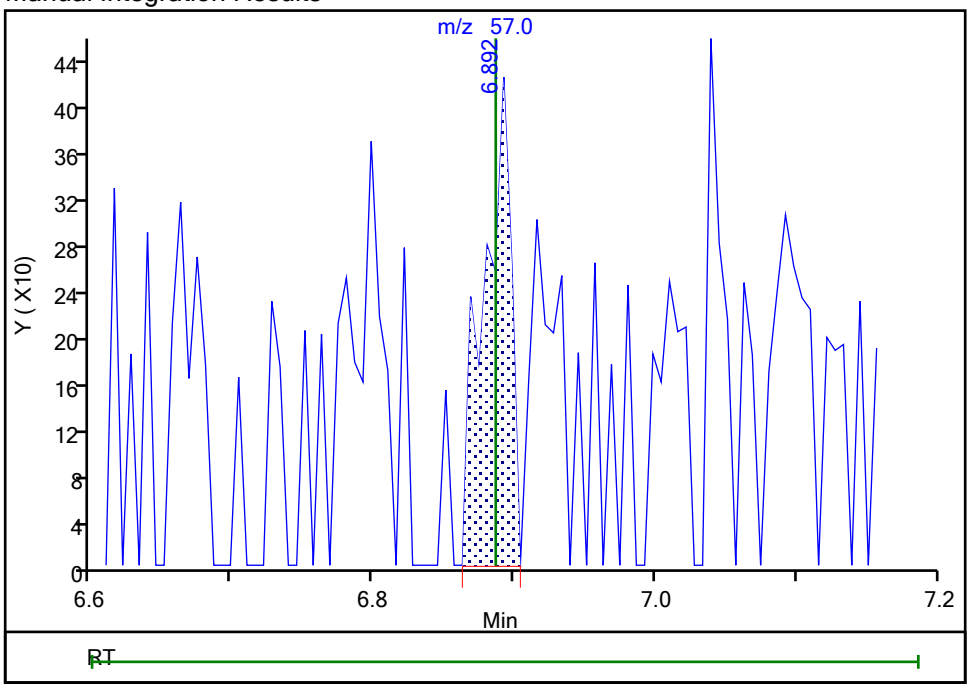
Not Detected
Expected RT: 6.89

Processing Integration Results



Manual Integration Results

RT: 6.89
Area: 563
Amount: 4.884219
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:26:29 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

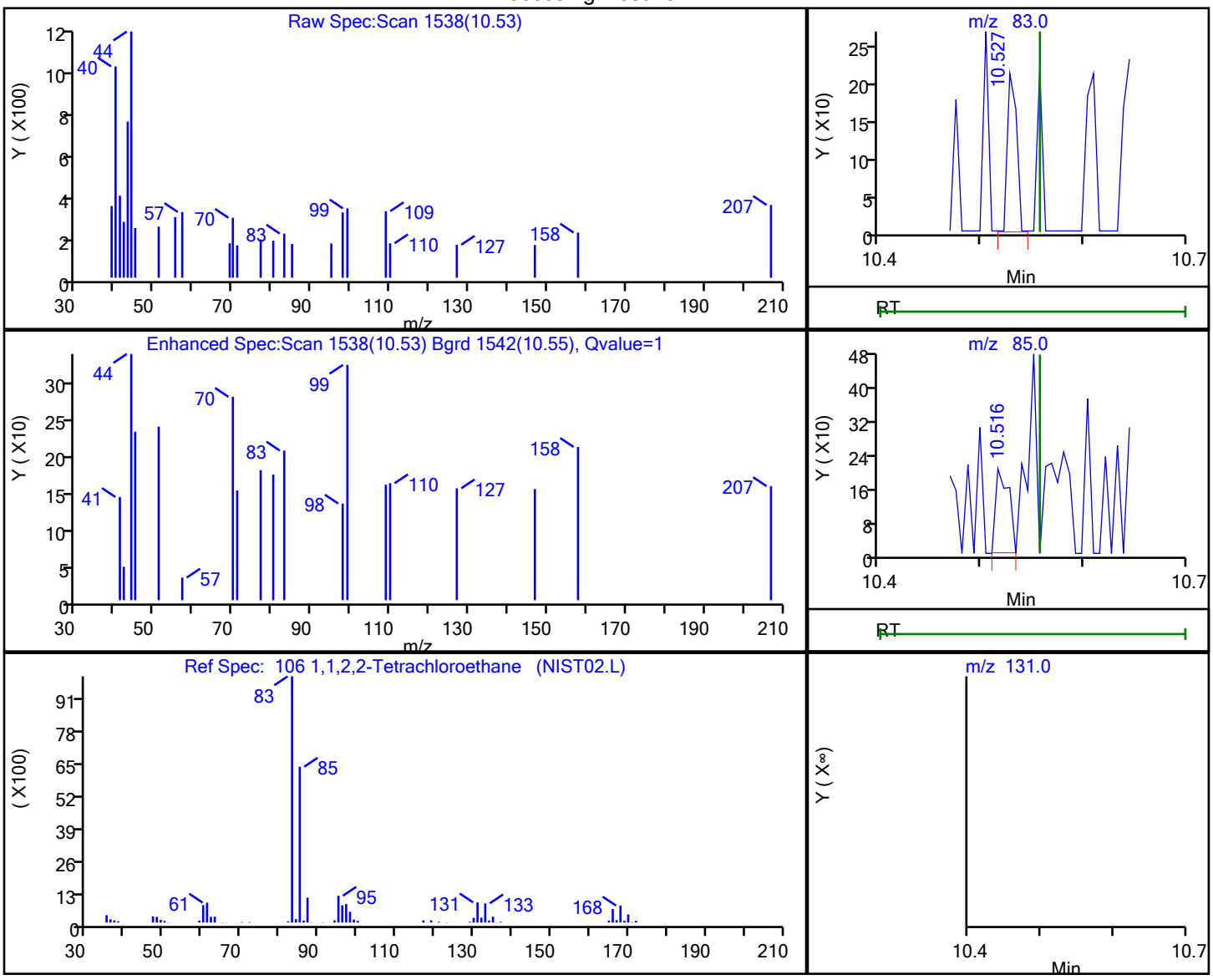
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
10.53	83.00	129	183.5626
10.52	85.00	183	
10.56	131.00	0	

Reviewer: NN6A, 14-May-2025 20:26:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

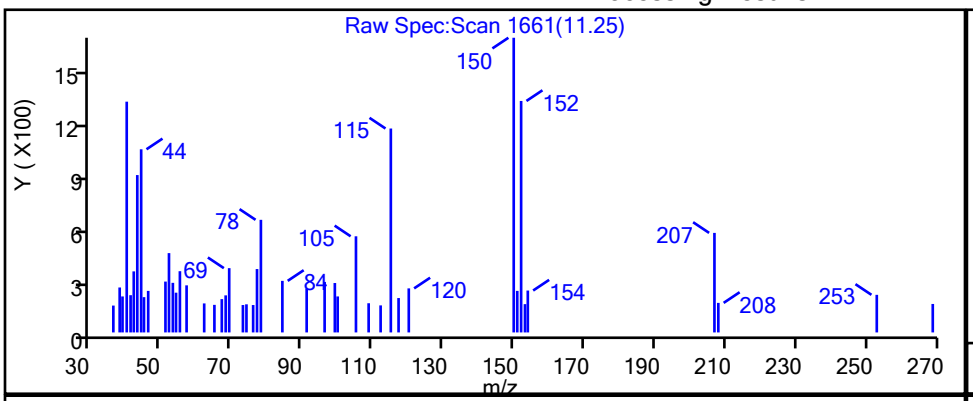
User Disabled Compound Report

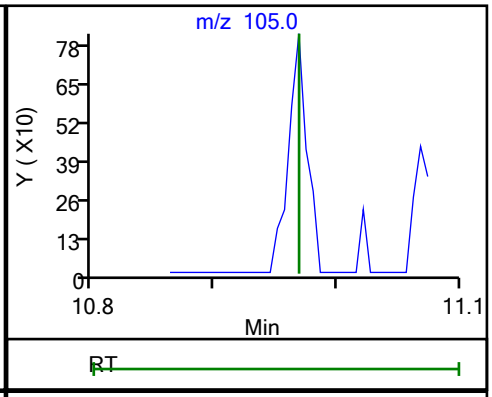
Eurofins Edison

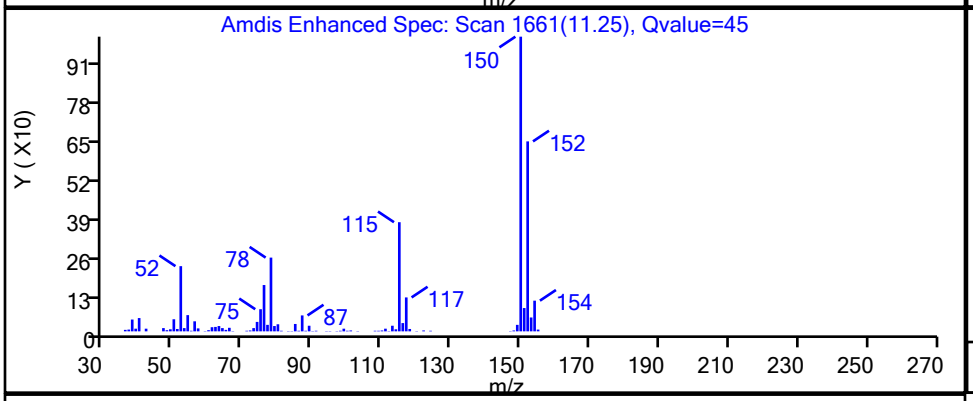
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

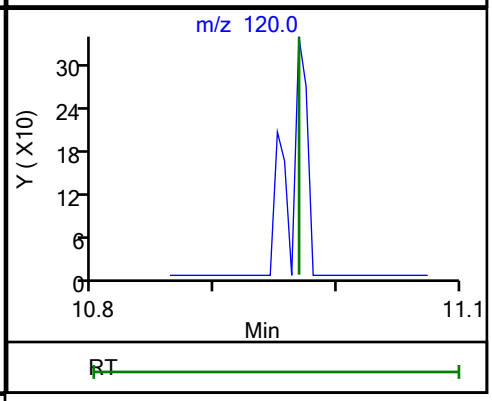
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

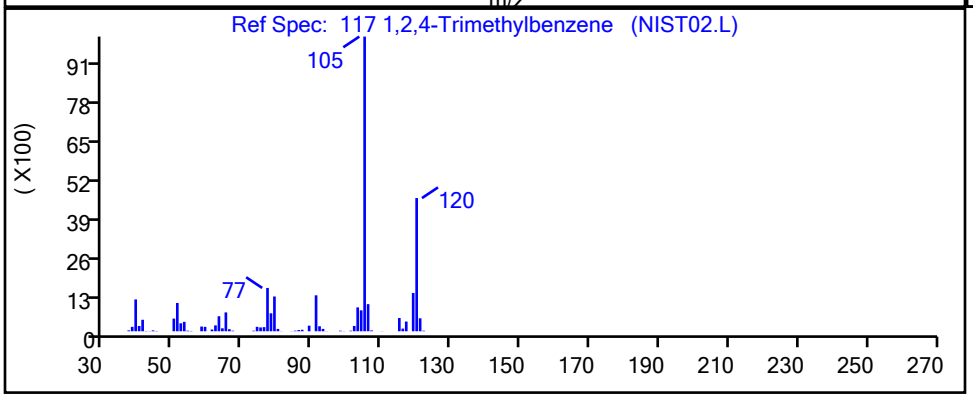
Processing Results











RT	Mass	Response	Amount
11.25	105.00	656	183.5282
11.25	120.00	161	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

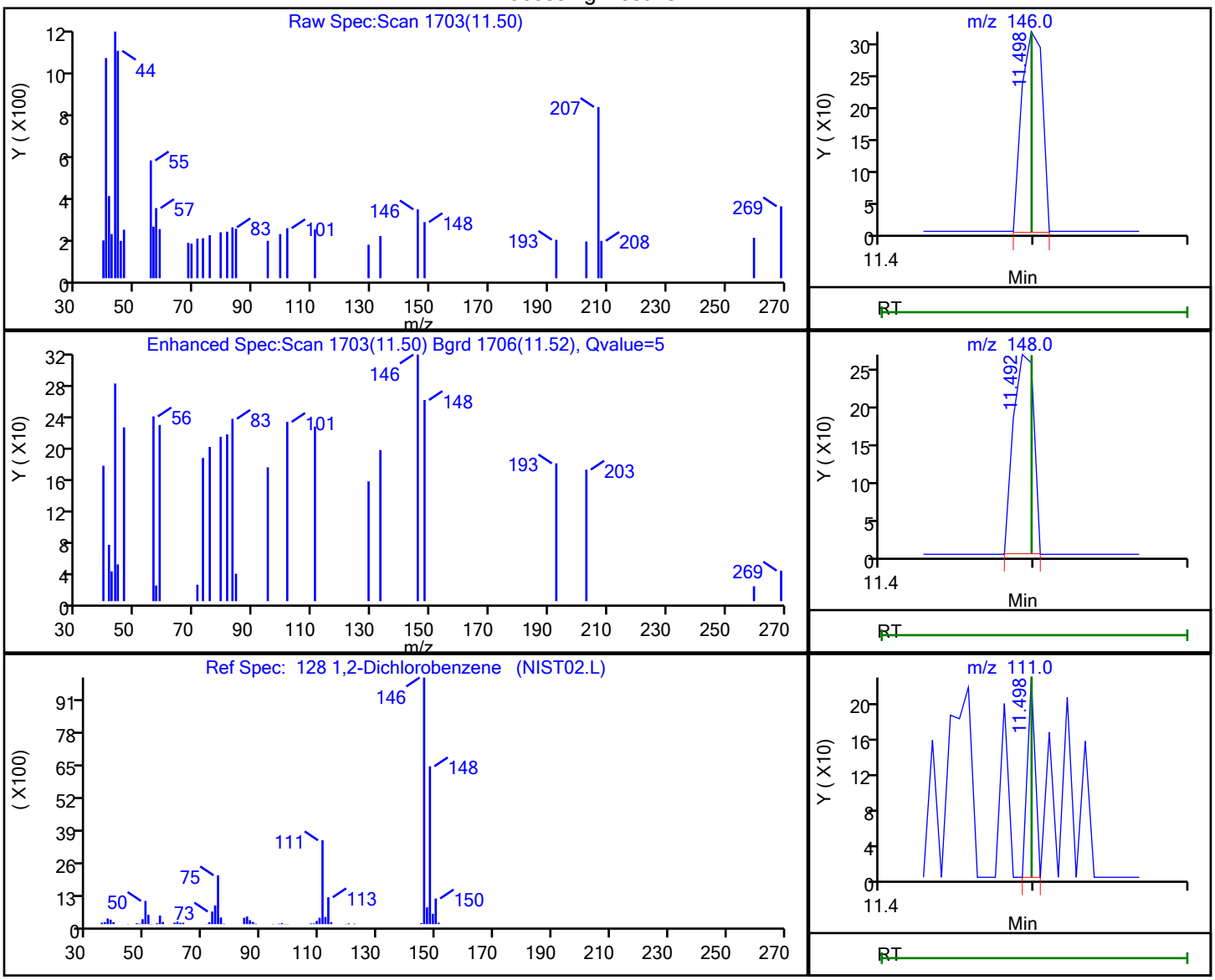
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.50	146.00	295	183.5282
11.49	148.00	250	
11.50	111.00	79	

Reviewer: NN6A, 14-May-2025 20:26:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

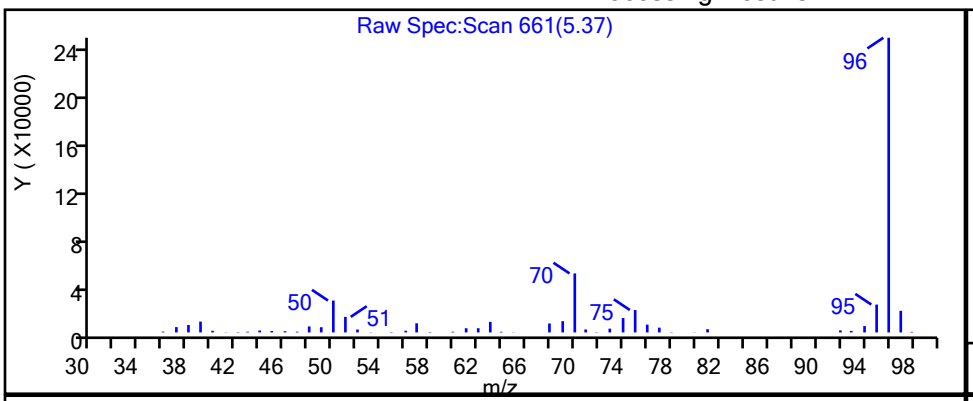
User Disabled Compound Report

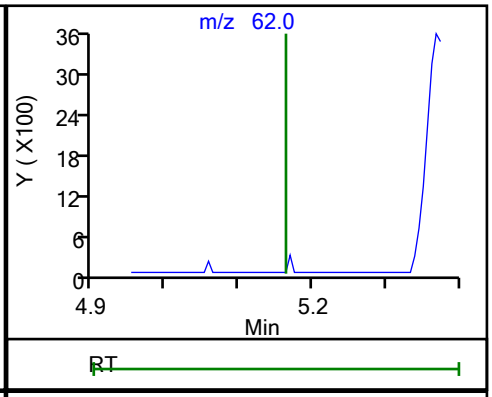
Eurofins Edison

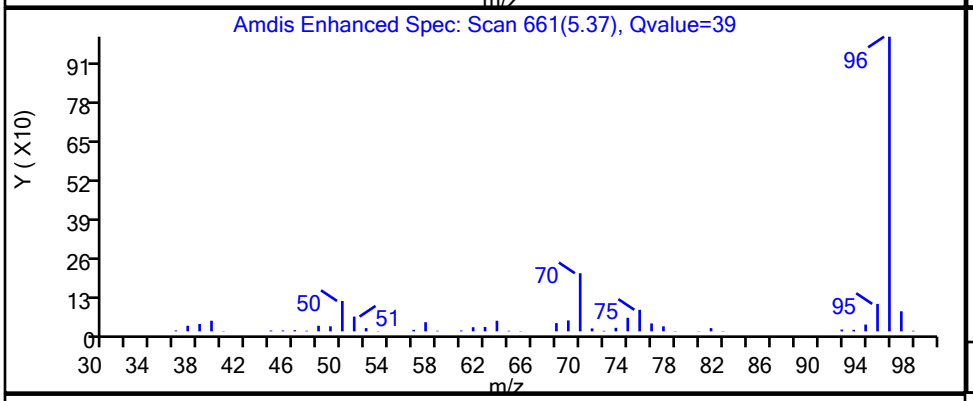
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

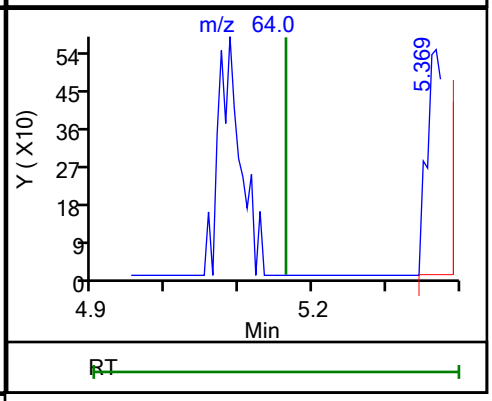
64 1,2-Dichloroethane, CAS: 107-06-2

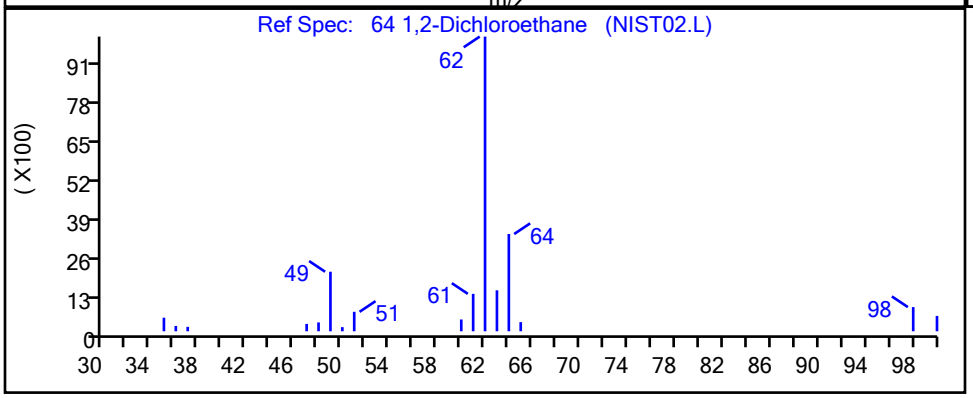
Processing Results











RT	Mass	Response	Amount
5.37	62.00	7142	2.123909
5.37	64.00	1035	

Reviewer: NN6A, 14-May-2025 20:25:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

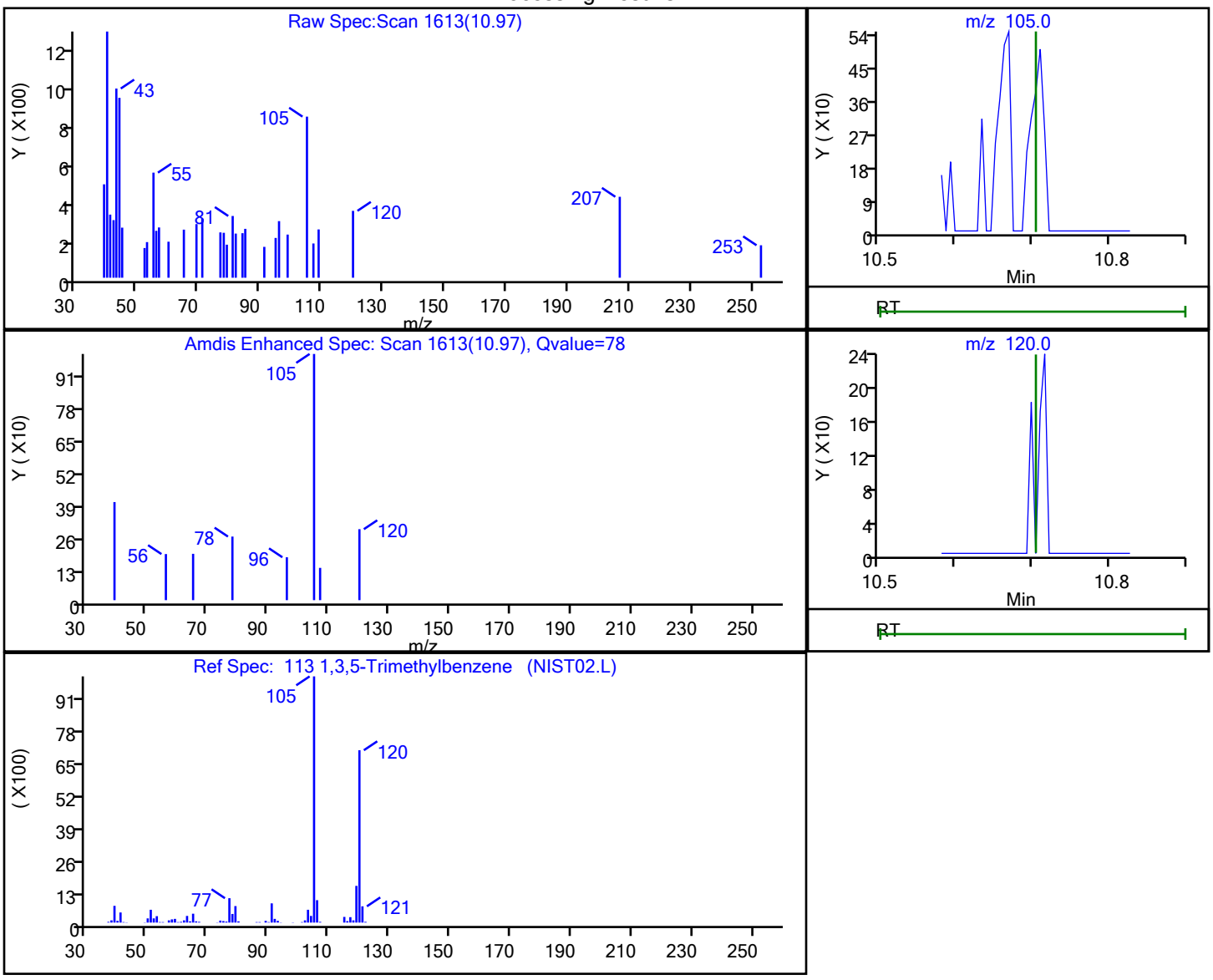
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.97	105.00	862	183.5321
10.97	120.00	214	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

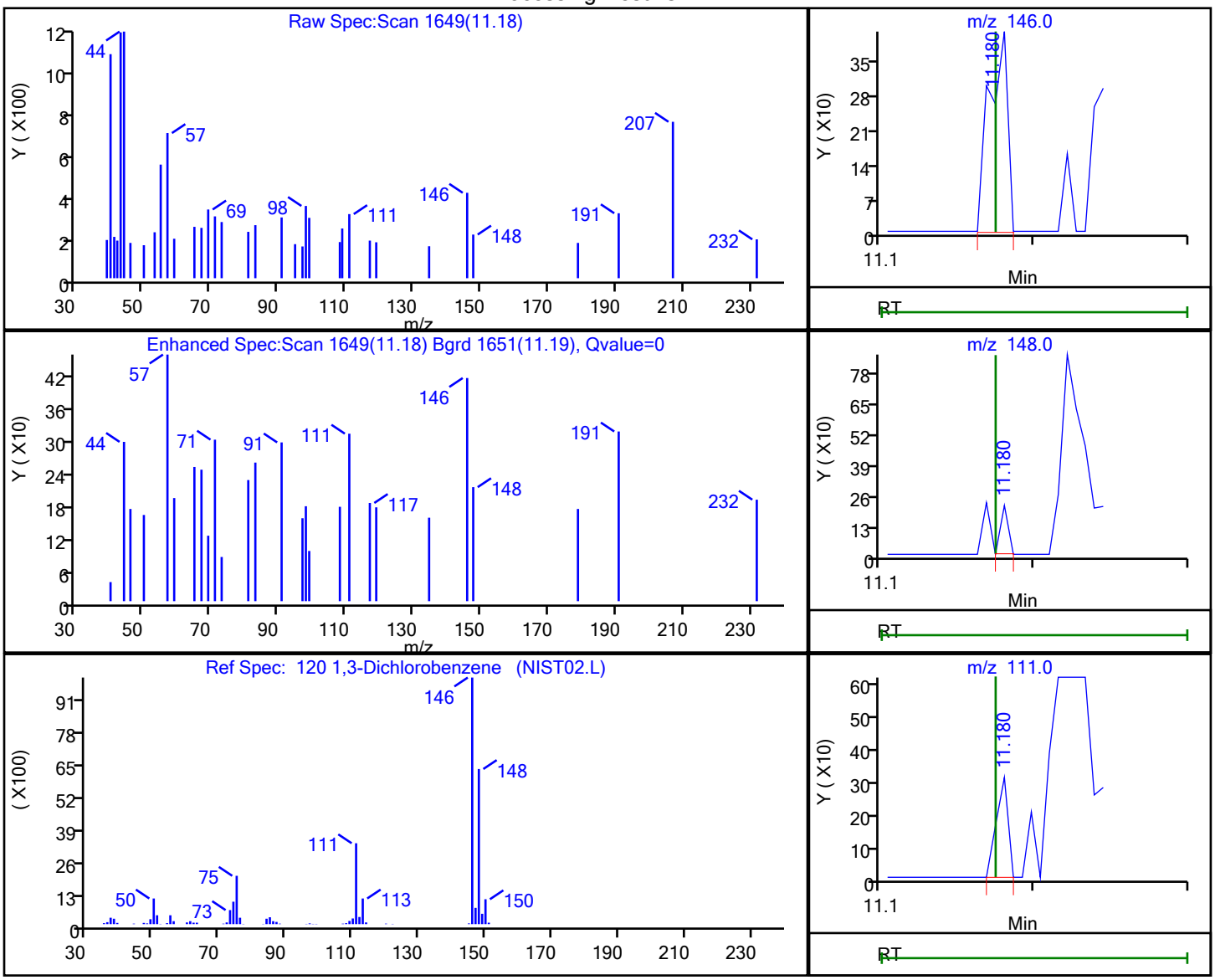
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
11.18	146.00	342	183.5745
11.18	148.00	74	
11.18	111.00	164	

Reviewer: NN6A, 14-May-2025 20:26:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

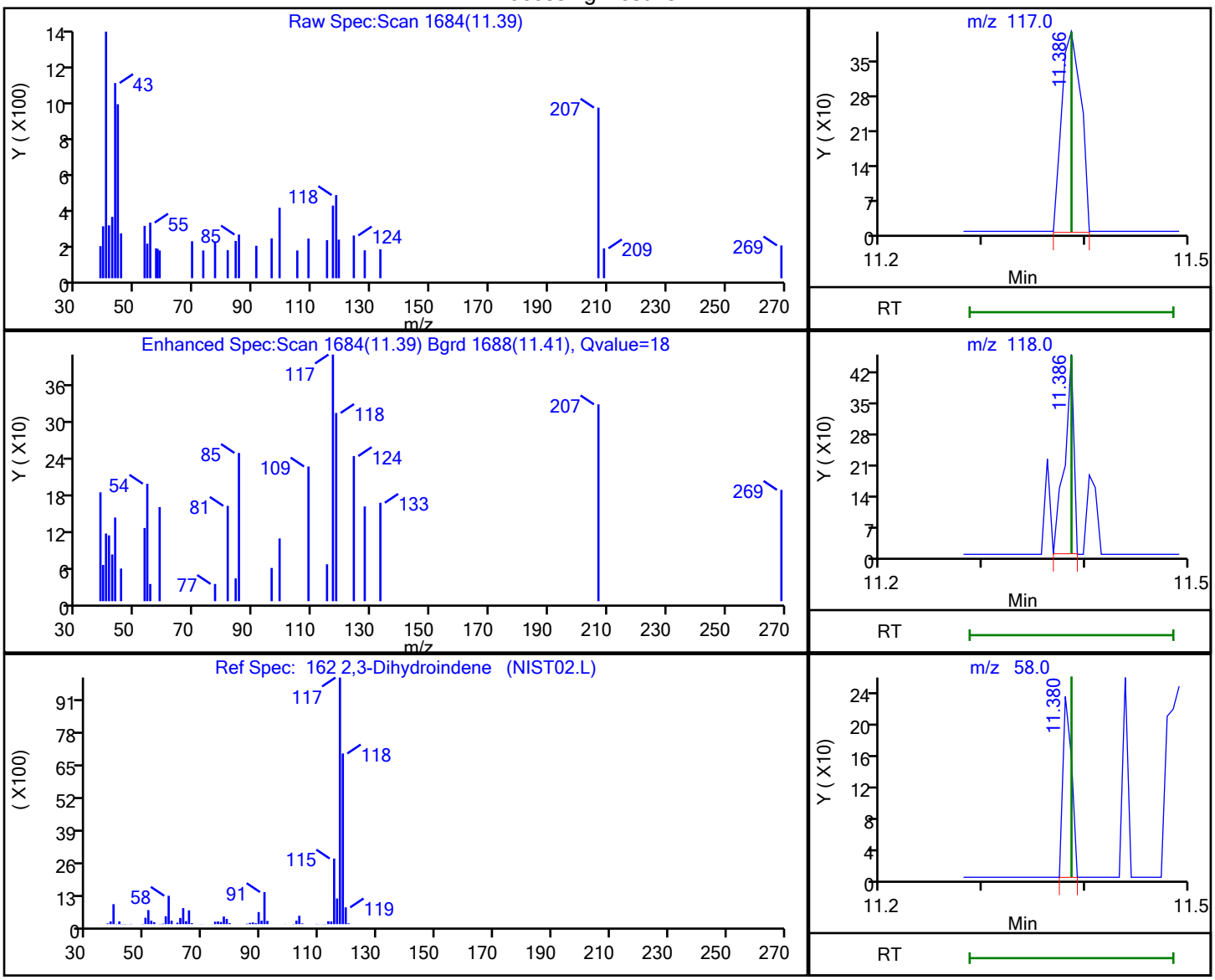
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

162 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
11.39	117.00	525	183.5082
11.39	118.00	288	
11.38	58.00	135	

Reviewer: NN6A, 14-May-2025 20:26:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

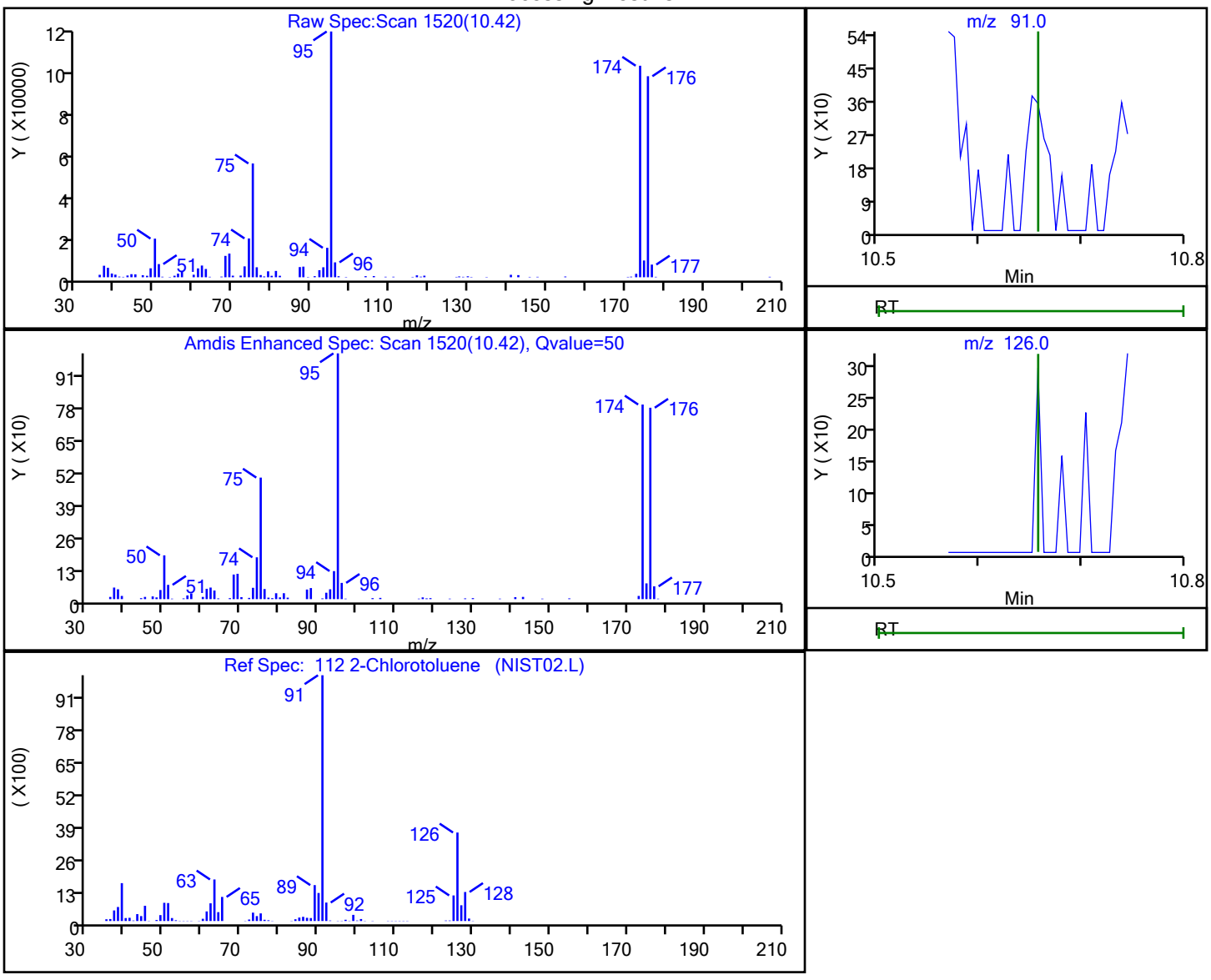
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

112 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
10.42	91.00	591	183.5450
10.42	126.00	57	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

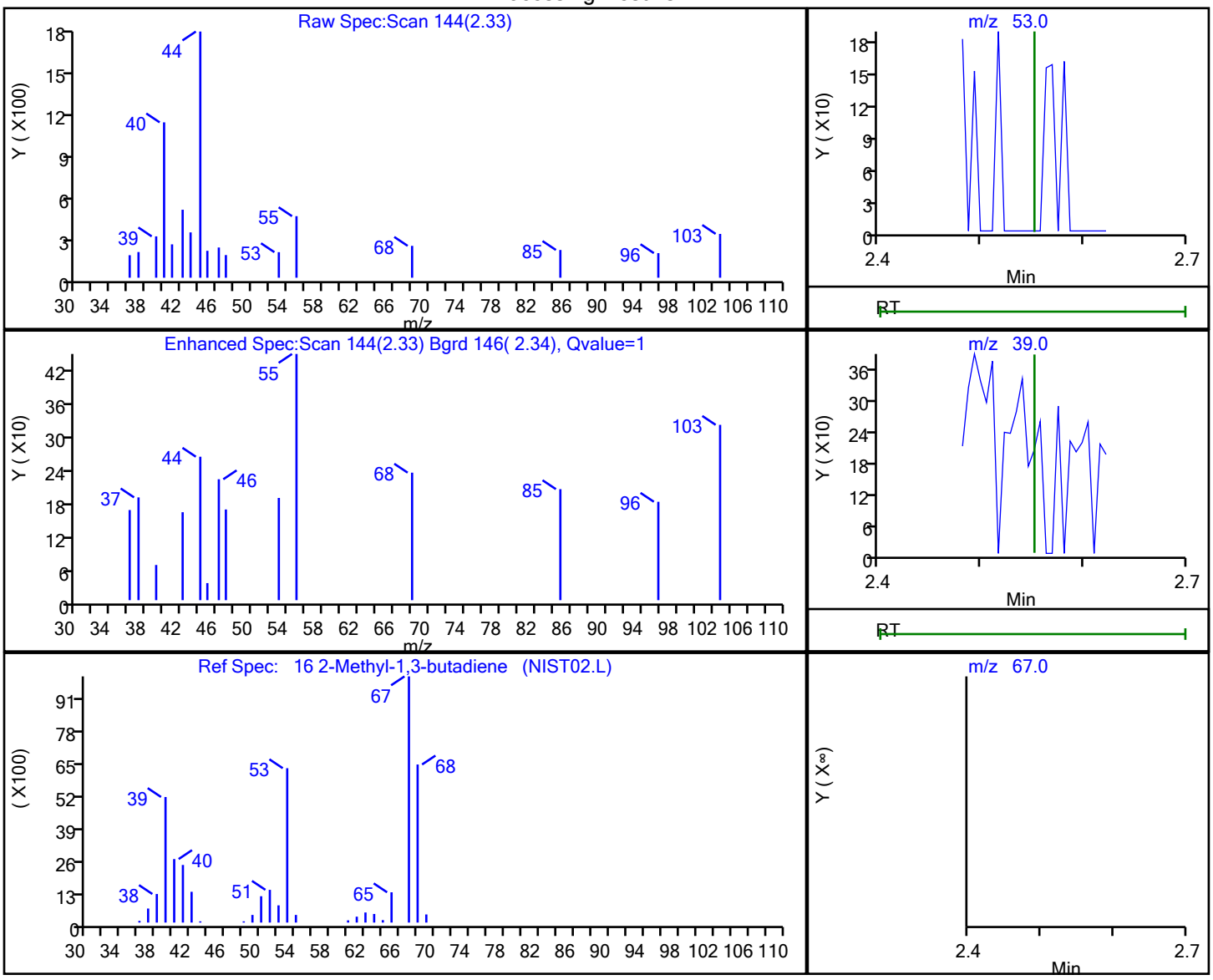
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.33	53.00	126	0.053937
2.33	39.00	304	
2.32	67.00	189	

Reviewer: NN6A, 14-May-2025 20:25:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

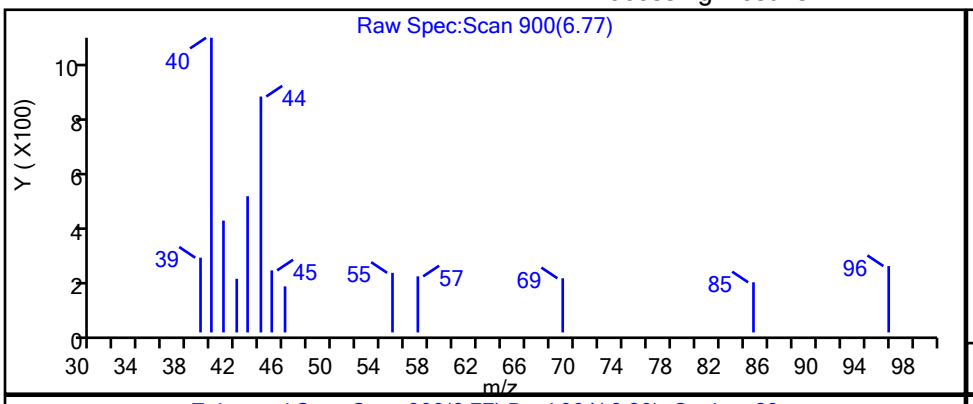
User Disabled Compound Report

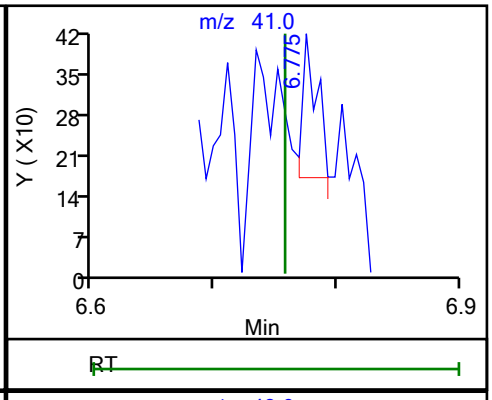
Eurofins Edison

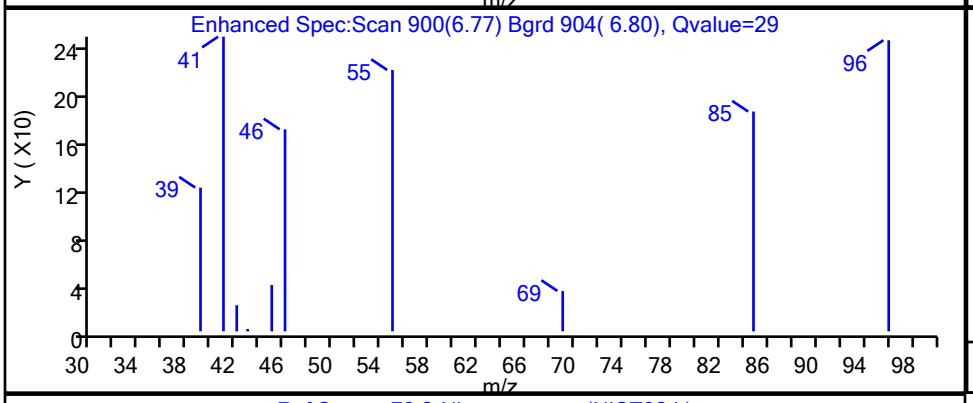
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

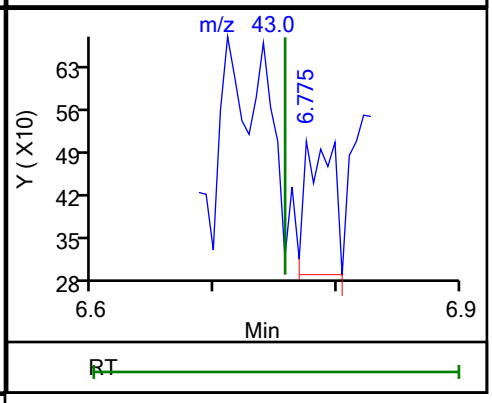
79 2-Nitropropane, CAS: 79-46-9

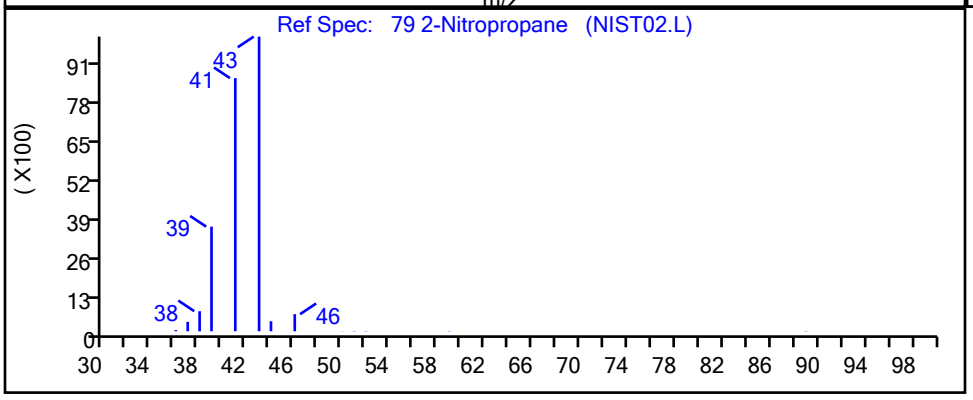
Processing Results











RT	Mass	Response	Amount
6.77	41.00	200	0.507333
6.77	43.00	348	

Reviewer: NN6A, 14-May-2025 20:25:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

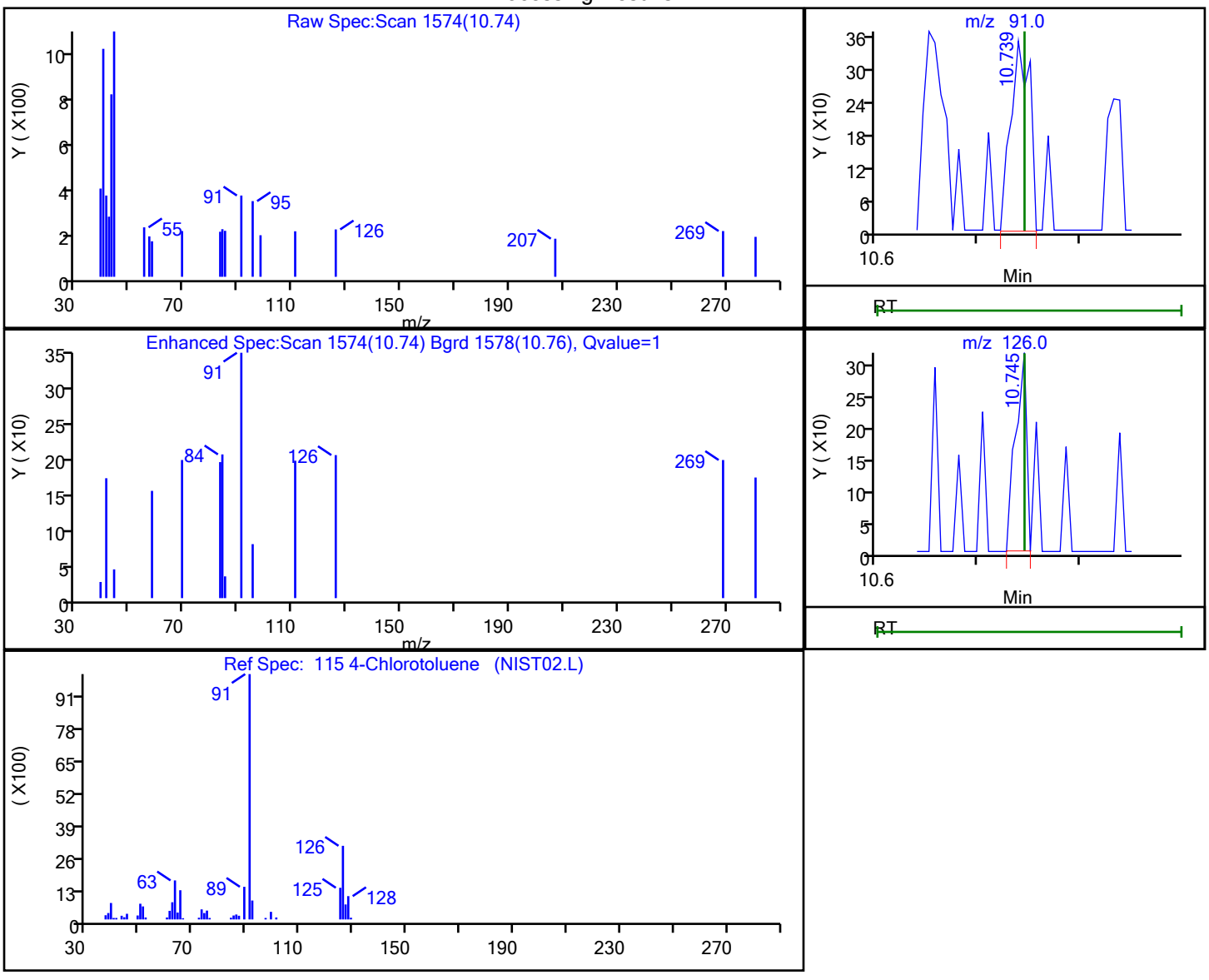
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.74	91.00	457	183.5290
10.75	126.00	239	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

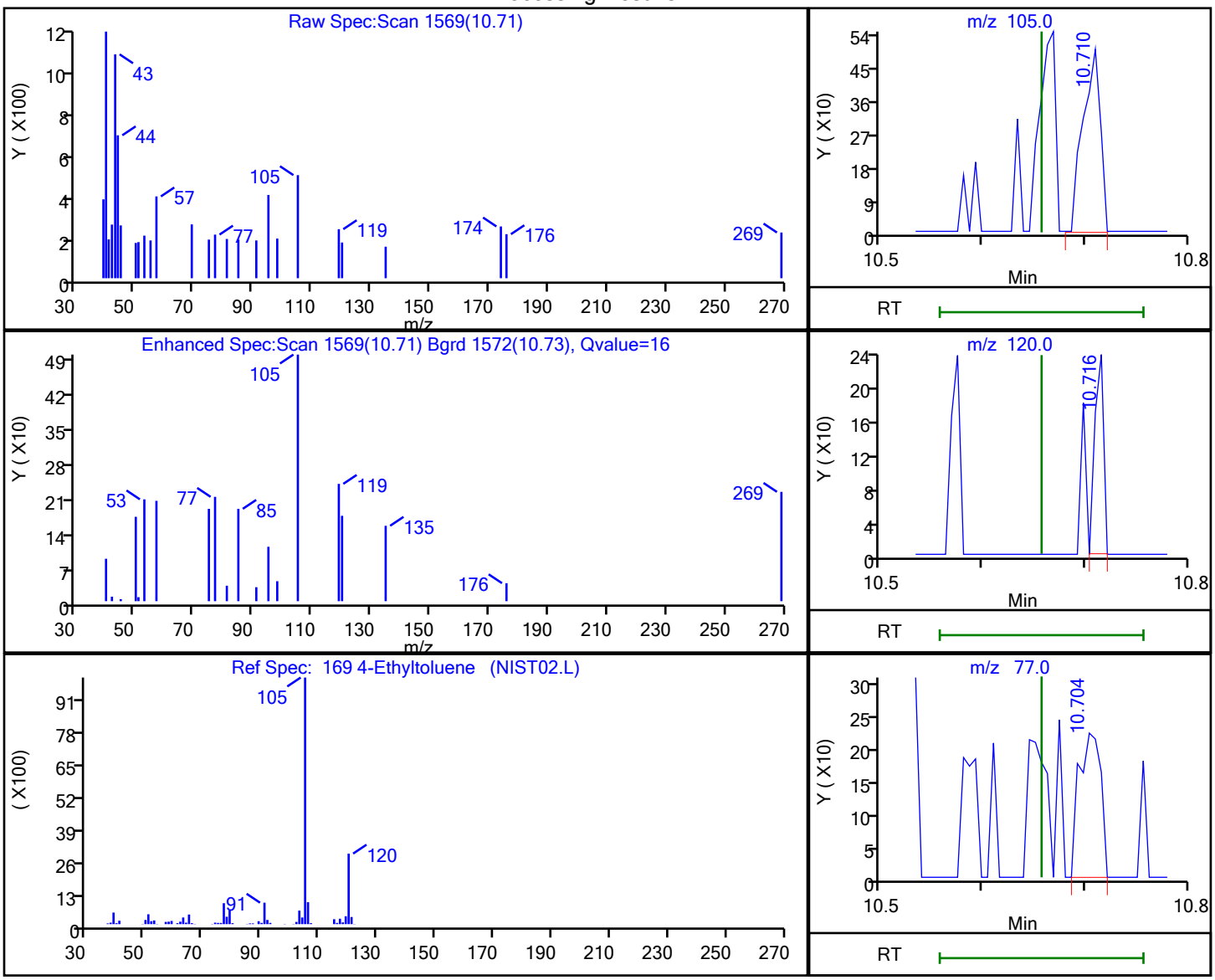
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

169 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.71	105.00	587	183.5552
10.72	120.00	145	
10.70	77.00	323	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

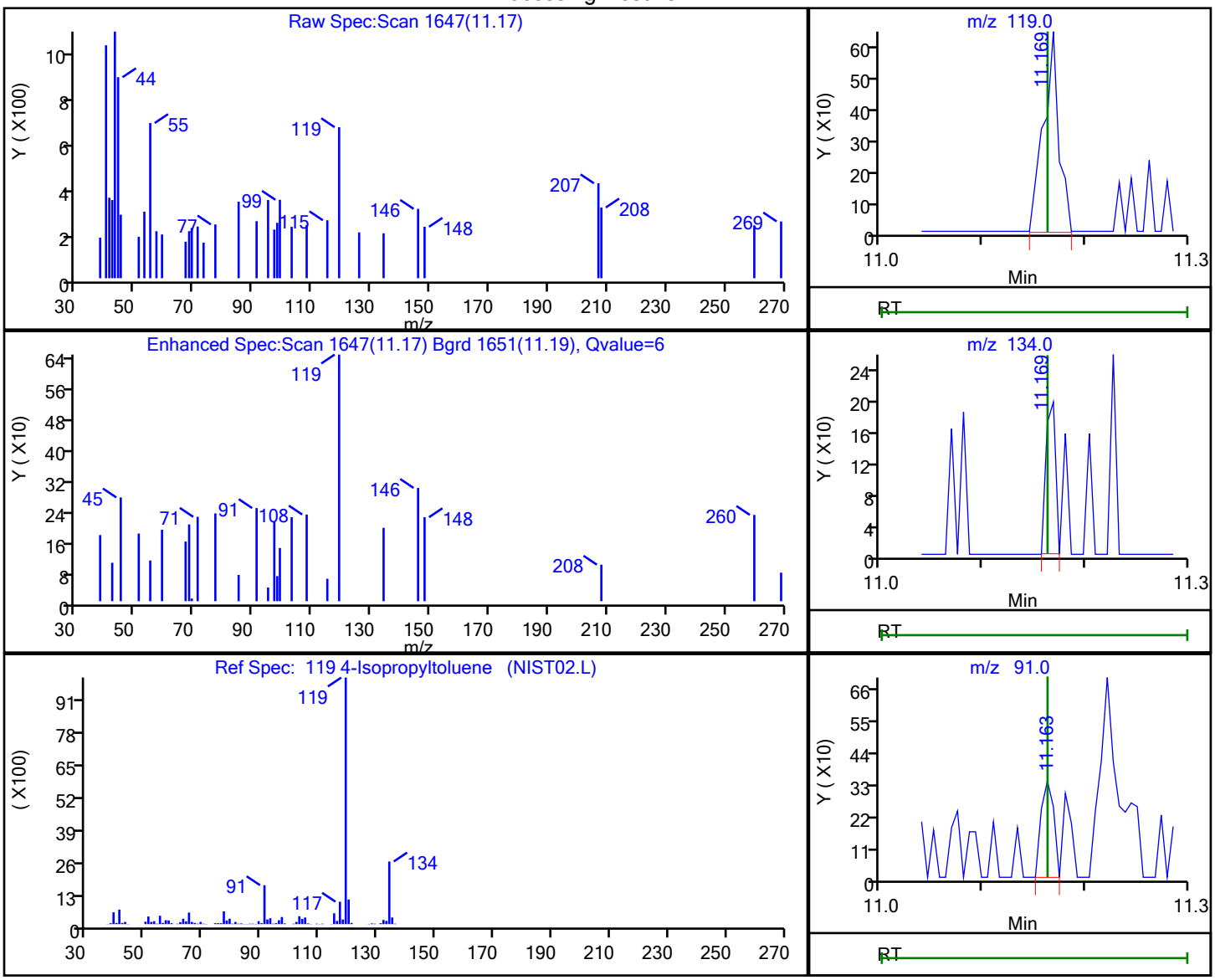
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.17	119.00	676	183.5446
11.17	134.00	127	
11.16	91.00	288	

Reviewer: NN6A, 14-May-2025 20:26:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

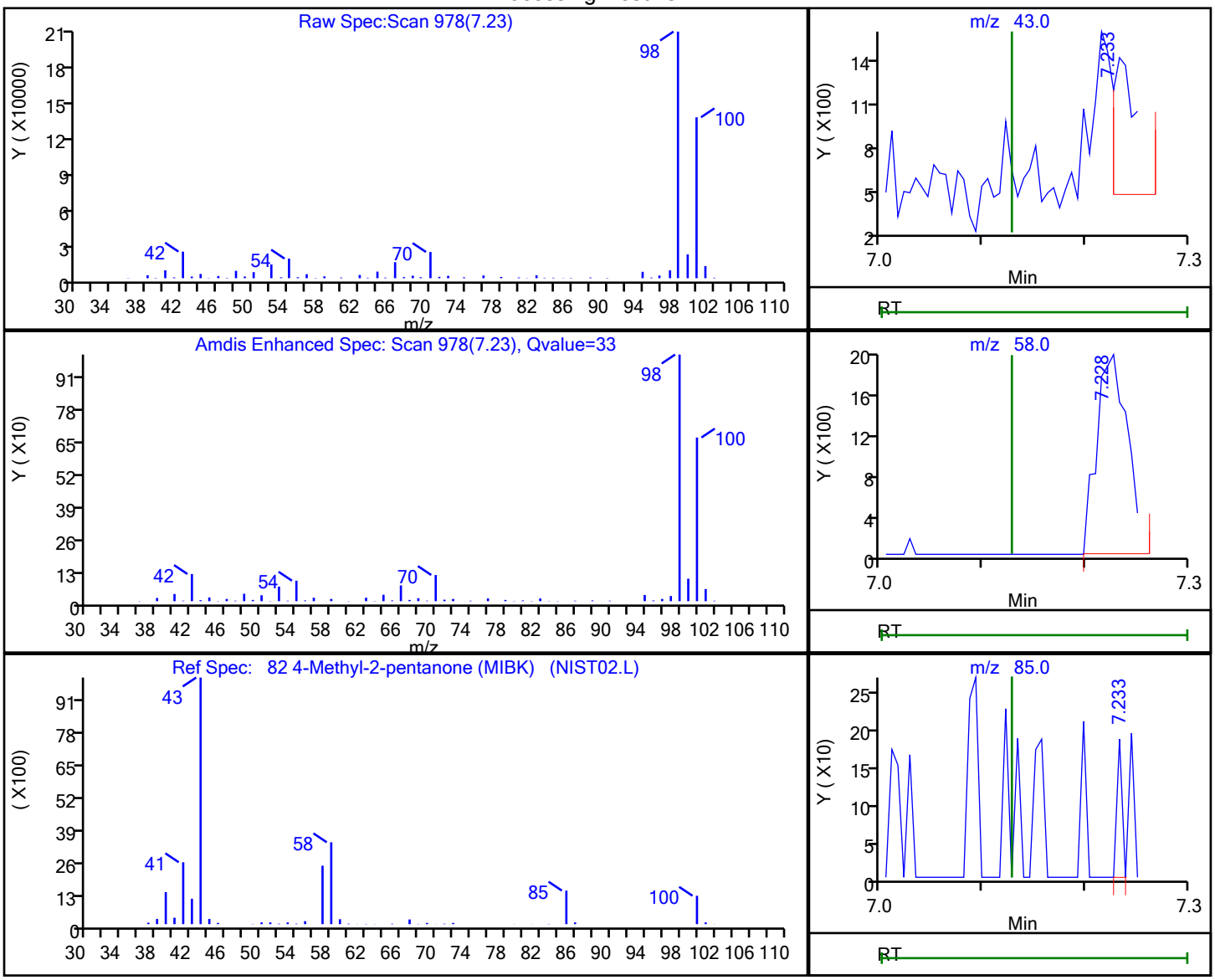
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
7.23	43.00	1326	0.973991
7.23	58.00	4263	
7.23	85.00	66	
7.23	100.00	328069	

Reviewer: NN6A, 14-May-2025 20:26:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

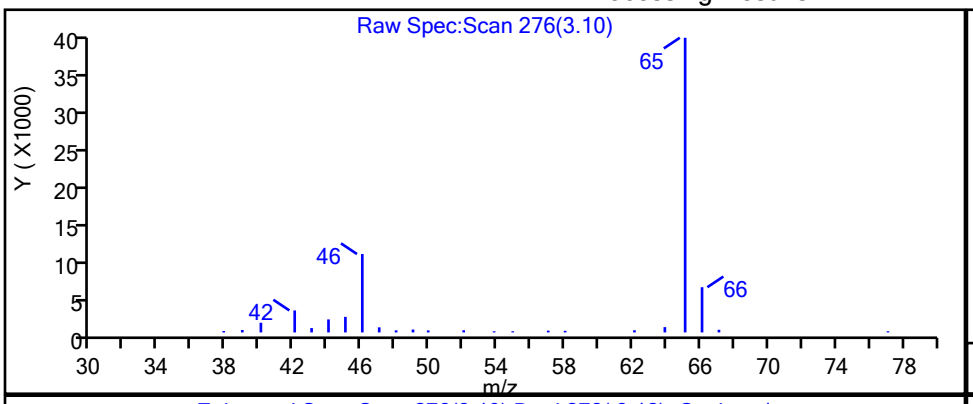
User Disabled Compound Report

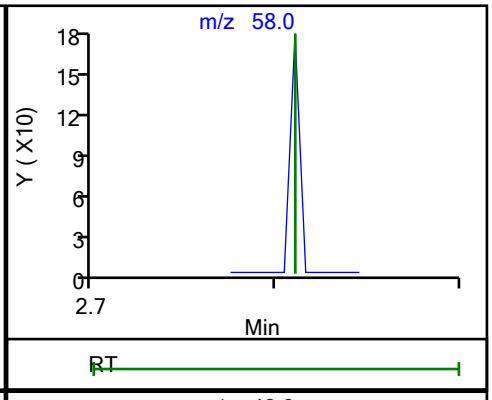
Eurofins Edison

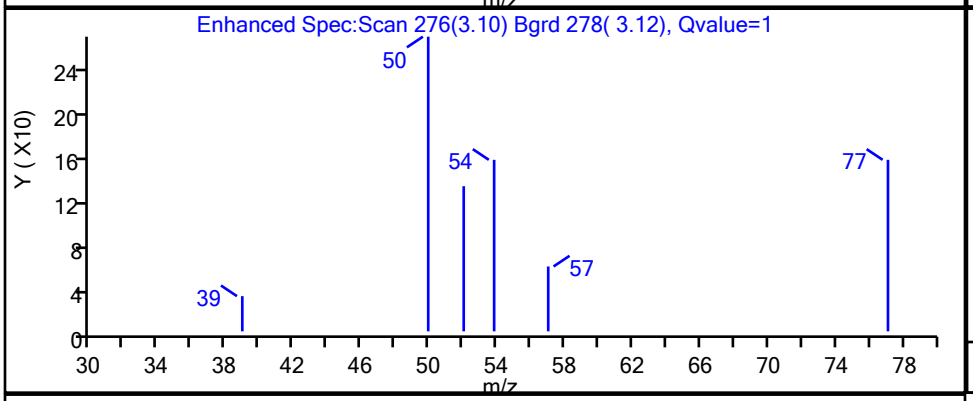
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

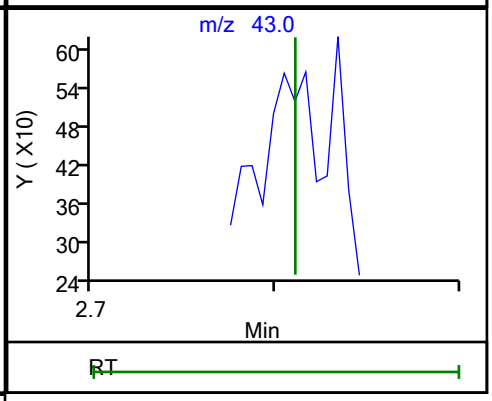
22 Acetone, CAS: 67-64-1

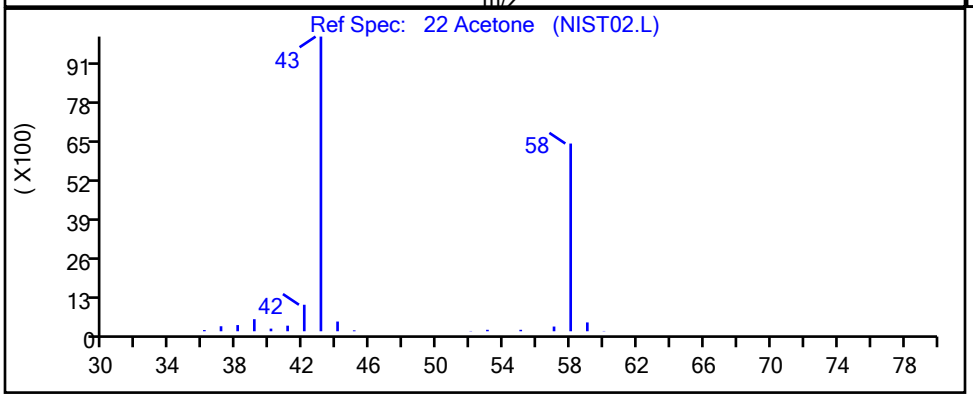
Processing Results











RT	Mass	Response	Amount
3.10	58.00	77	0.557025
3.10	43.00	229	

Reviewer: NN6A, 14-May-2025 20:25:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

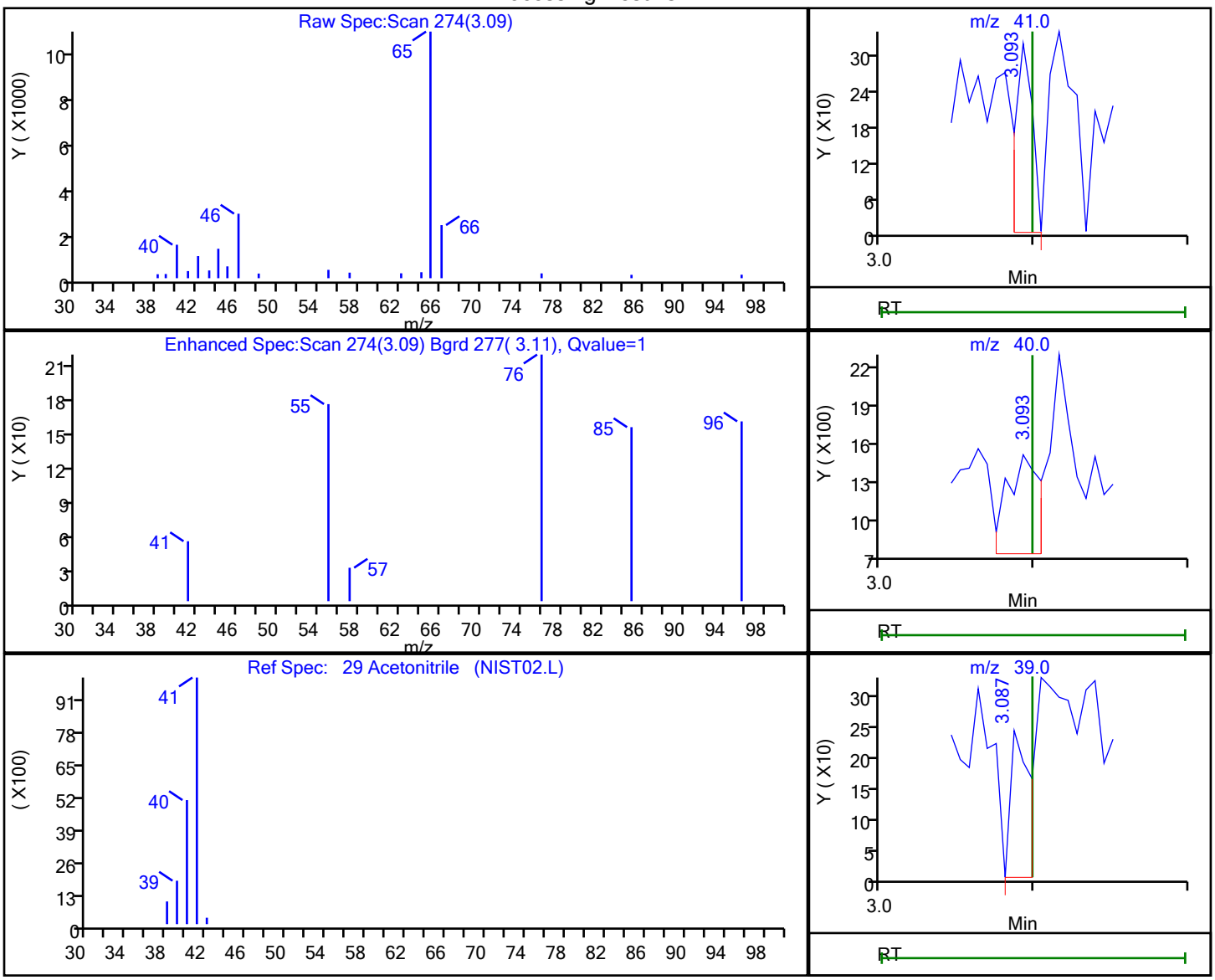
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.09	41.00	246	1.223690
3.09	40.00	1082	
3.09	39.00	207	
3.10	38.00	207	

Reviewer: NN6A, 14-May-2025 20:25:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

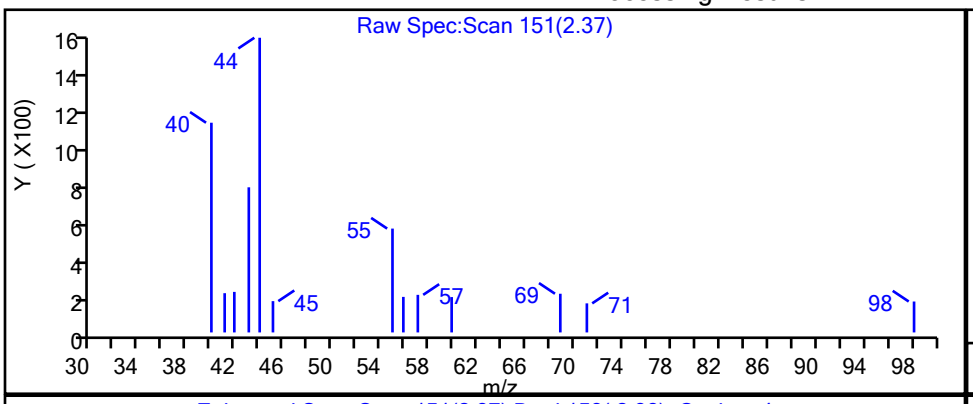
User Disabled Compound Report

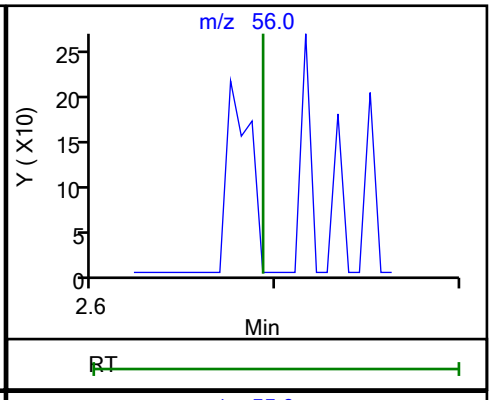
Eurofins Edison

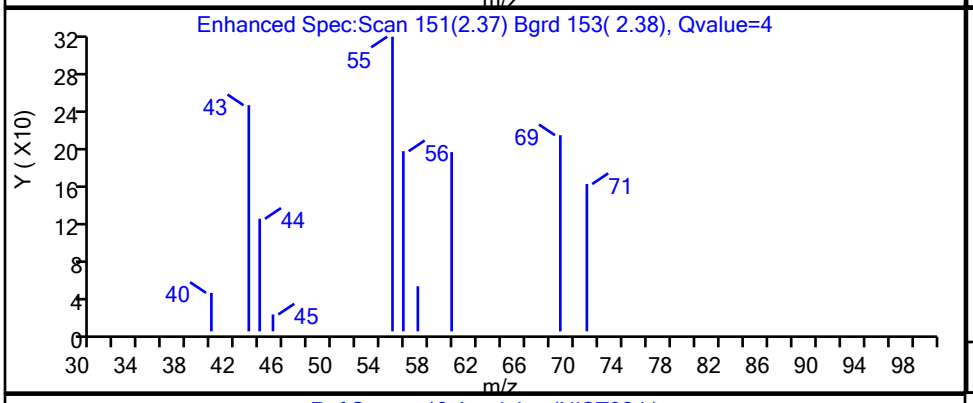
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

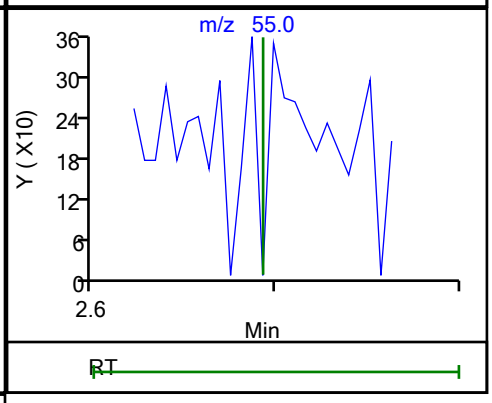
19 Acrolein, CAS: 107-02-8

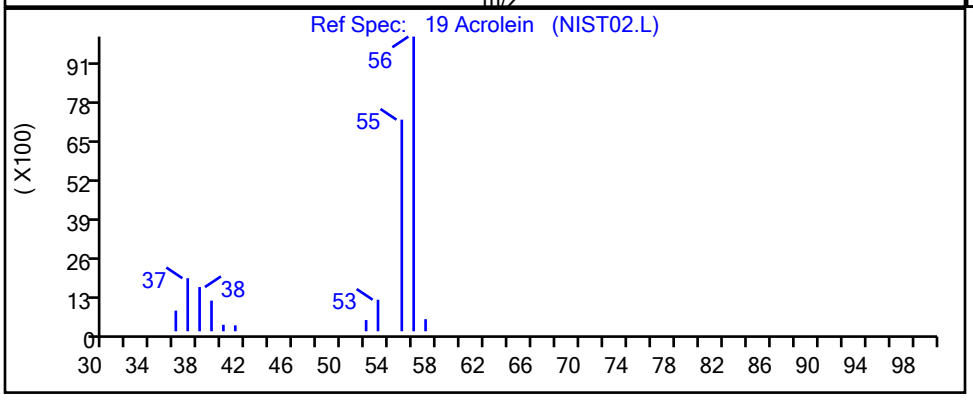
Processing Results











RT	Mass	Response	Amount
2.37	56.00	181	1.883290
2.37	55.00	311	

Reviewer: NN6A, 14-May-2025 20:25:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

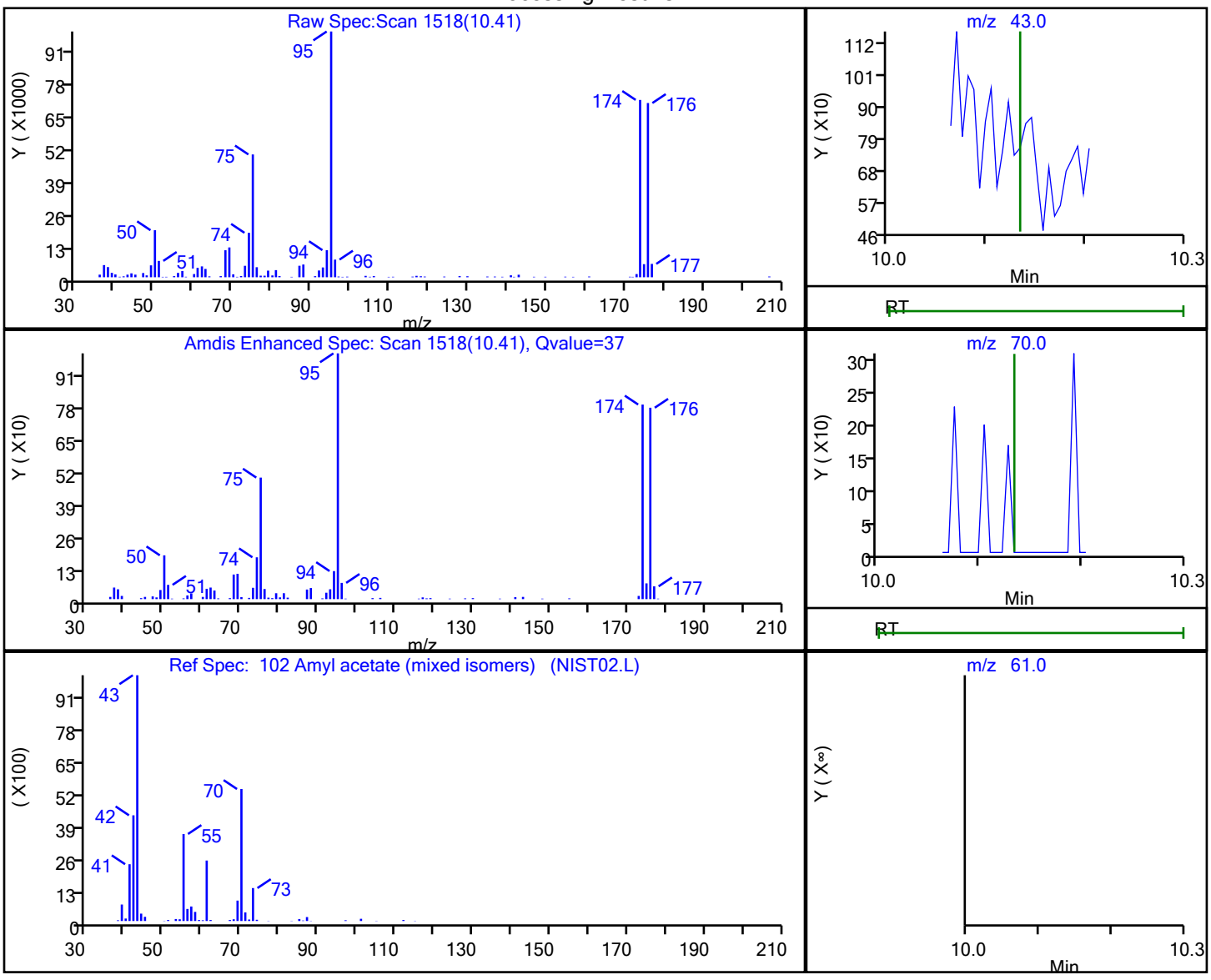
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
10.41	43.00	579	183.5178
10.41	70.00	1734	
10.42	61.00	7047	

Reviewer: NN6A, 14-May-2025 20:26:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

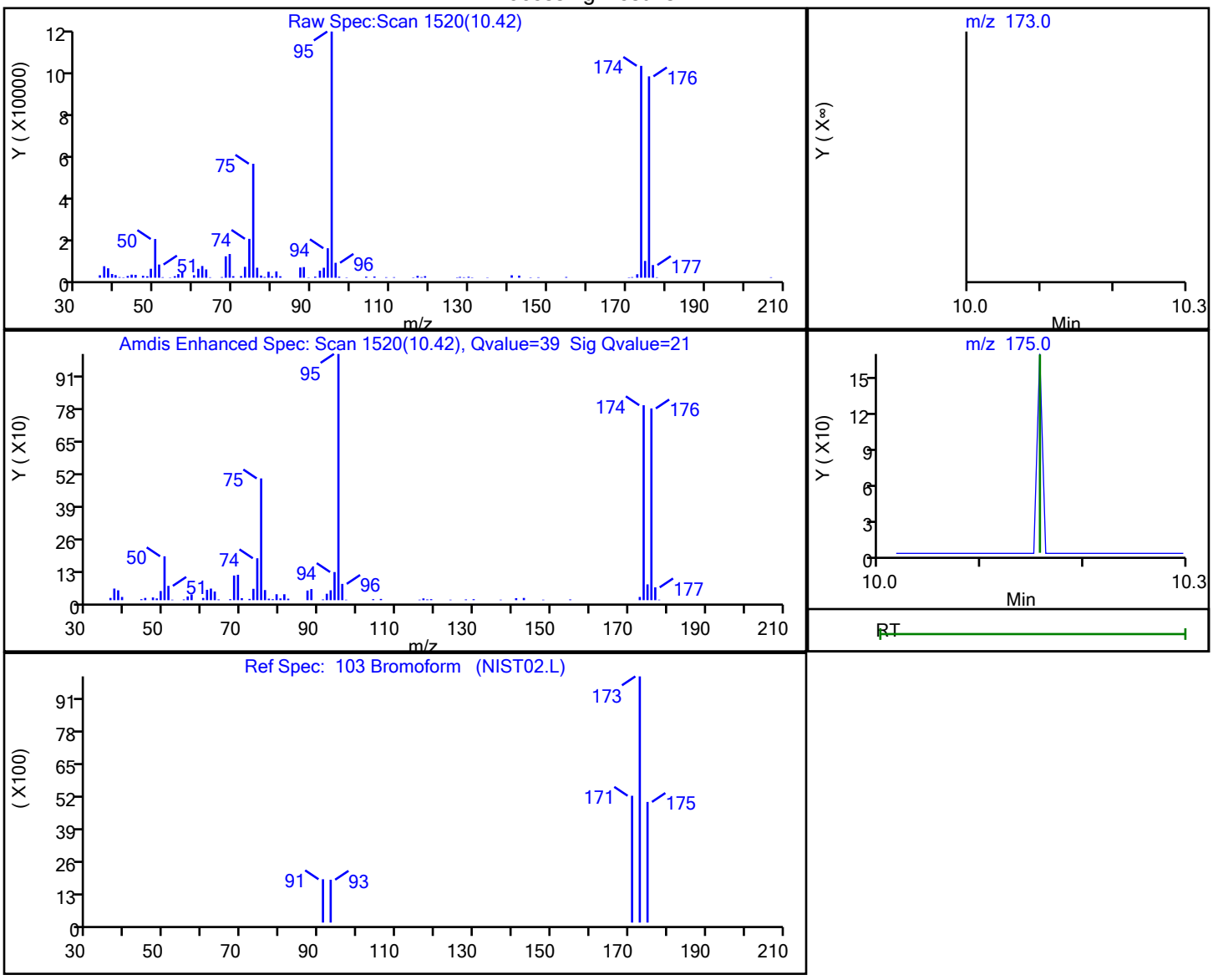
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
10.42	173.00	2042	1.544676
10.42	175.00	10868	

Reviewer: NN6A, 14-May-2025 20:26:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

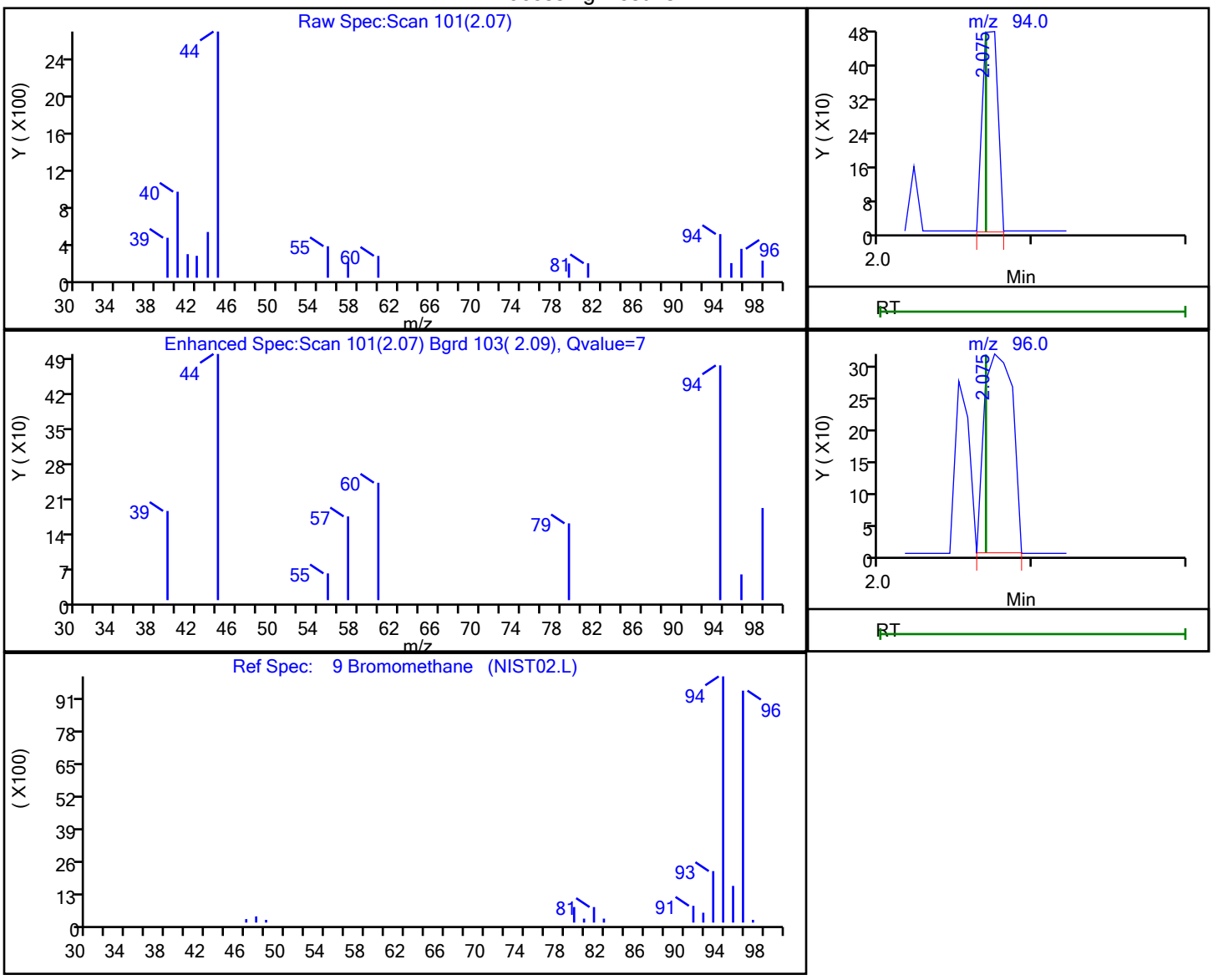
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.07	94.00	334	0.161815
2.07	96.00	405	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

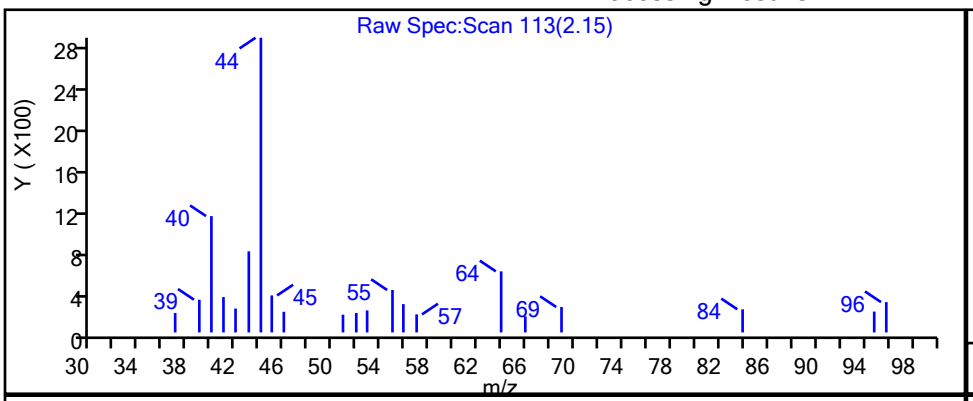
User Disabled Compound Report

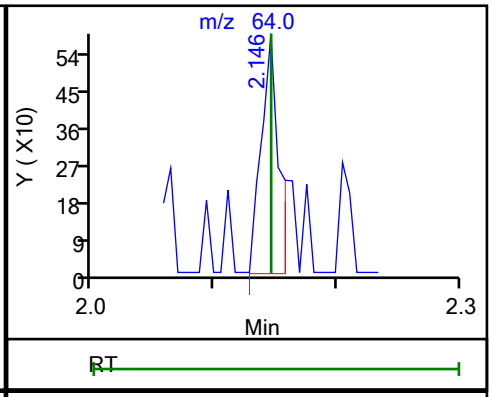
Eurofins Edison

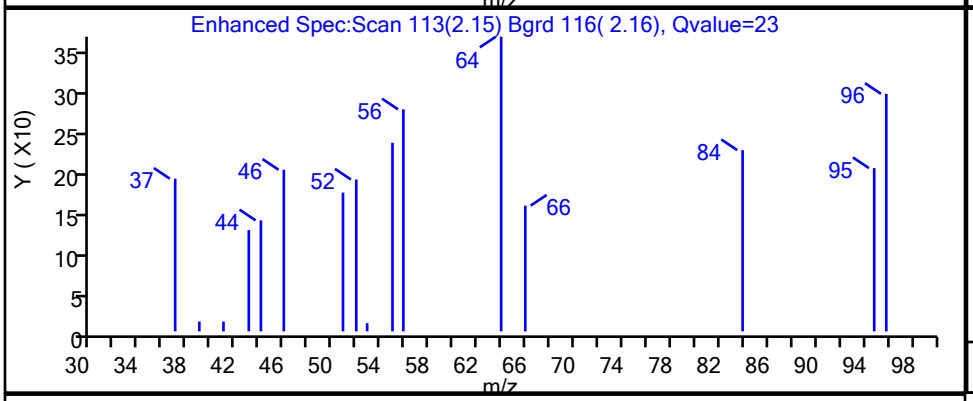
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

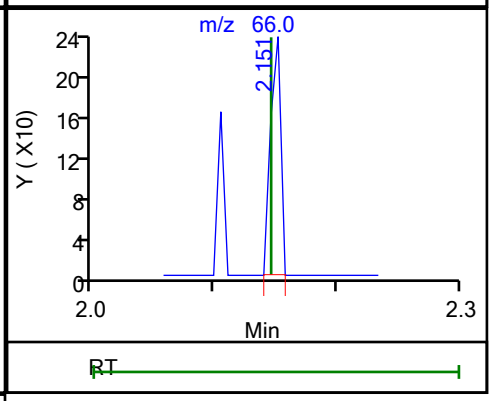
10 Chloroethane, CAS: 75-00-3

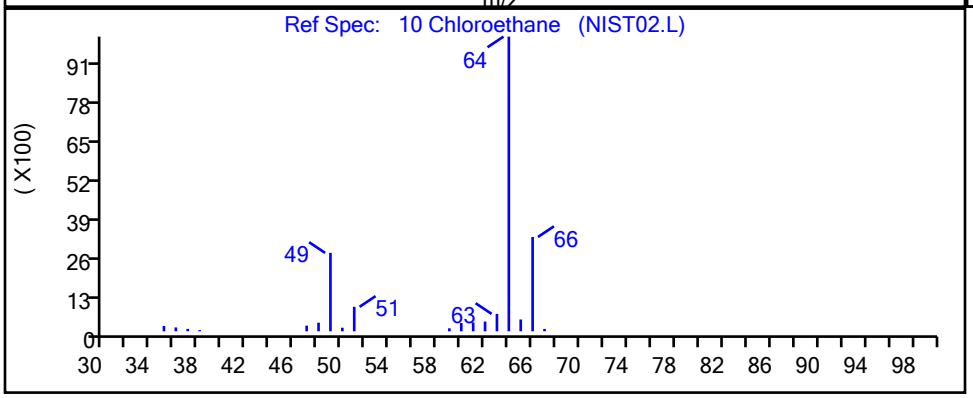
Processing Results











RT	Mass	Response	Amount
2.15	64.00	587	0.260762
2.15	66.00	136	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

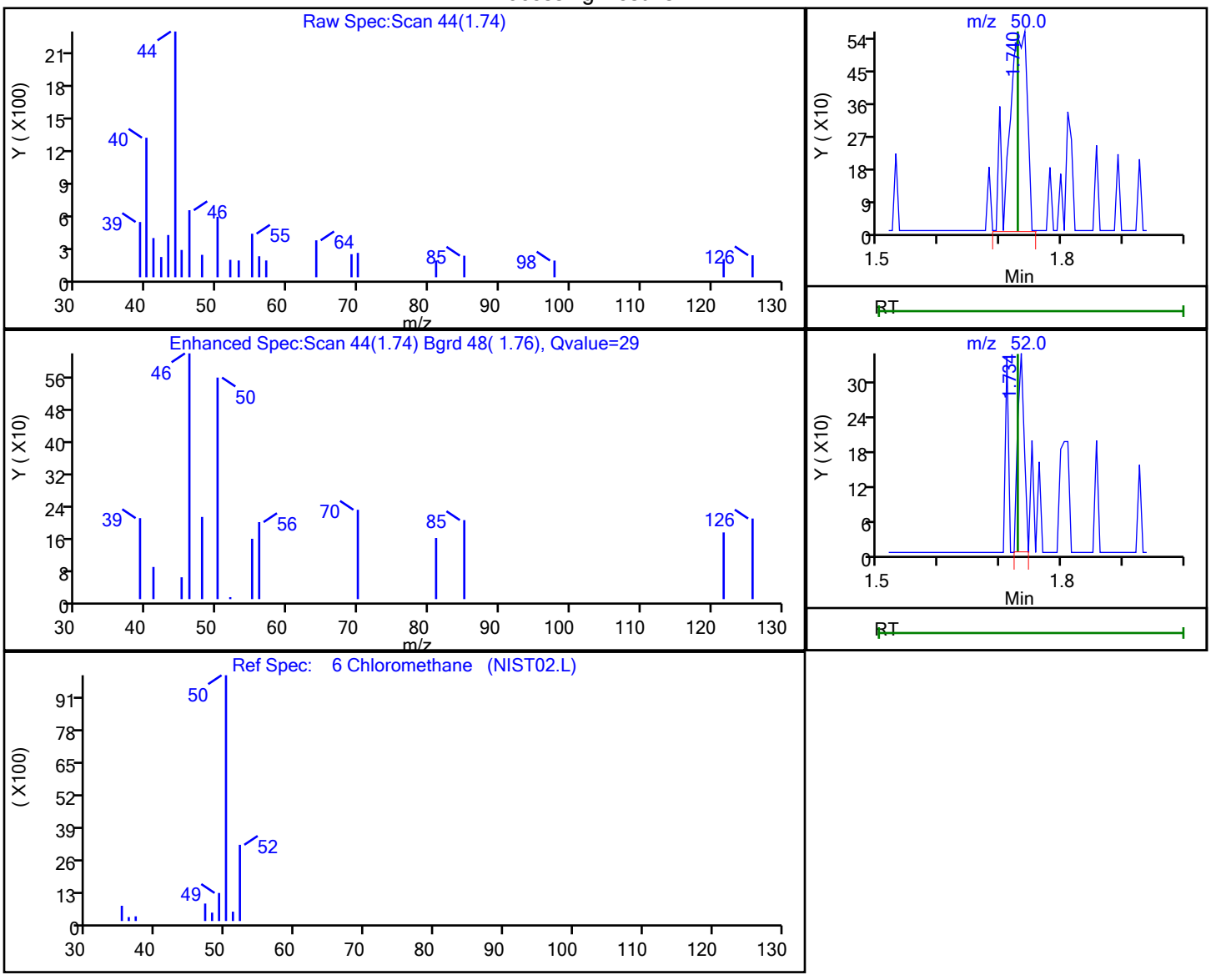
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.74	50.00	1148	0.293384
1.73	52.00	258	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

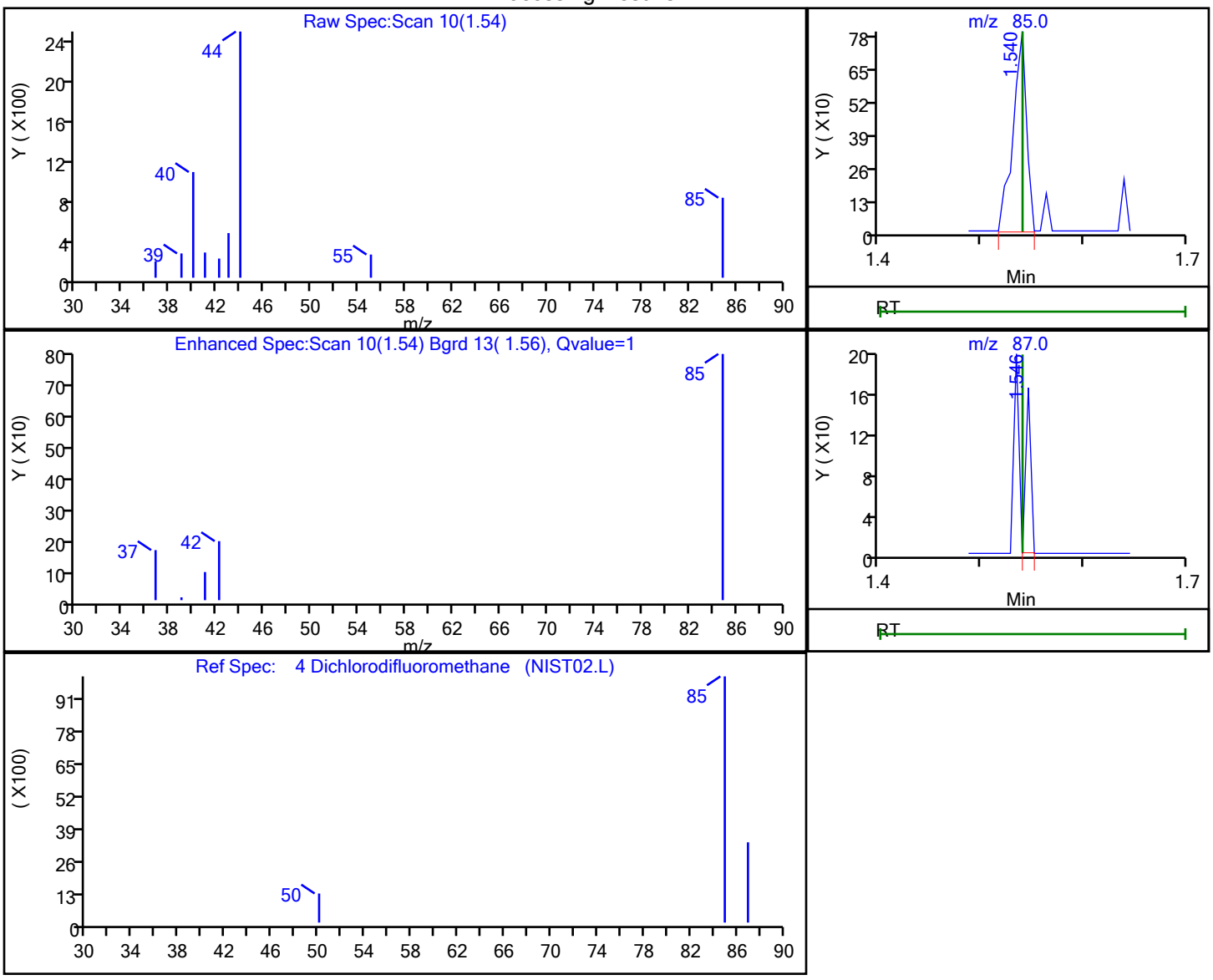
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.54	85.00	733	0.210794
1.55	87.00	59	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

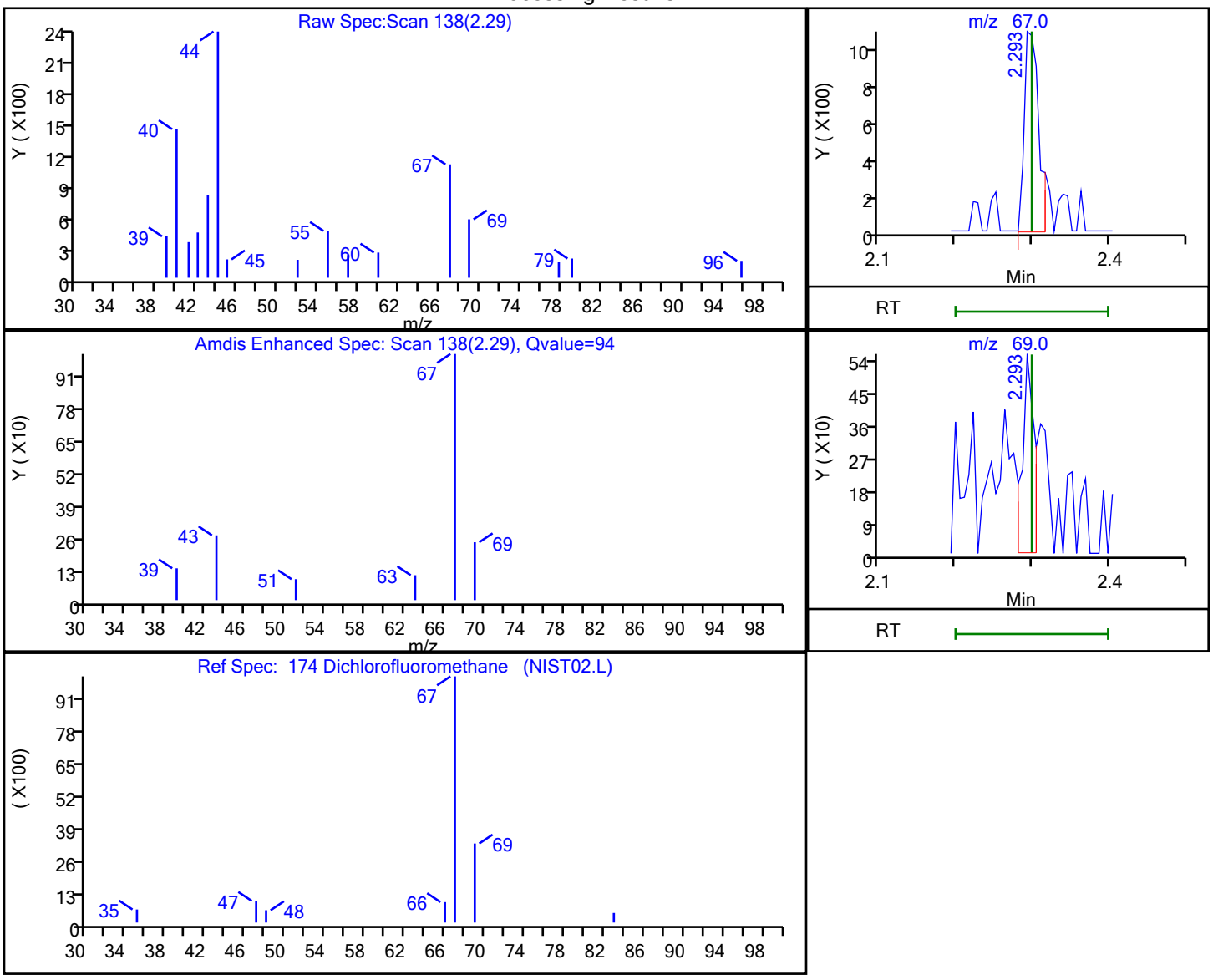
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

174 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.29	67.00	1425	0.236923
2.29	69.00	600	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

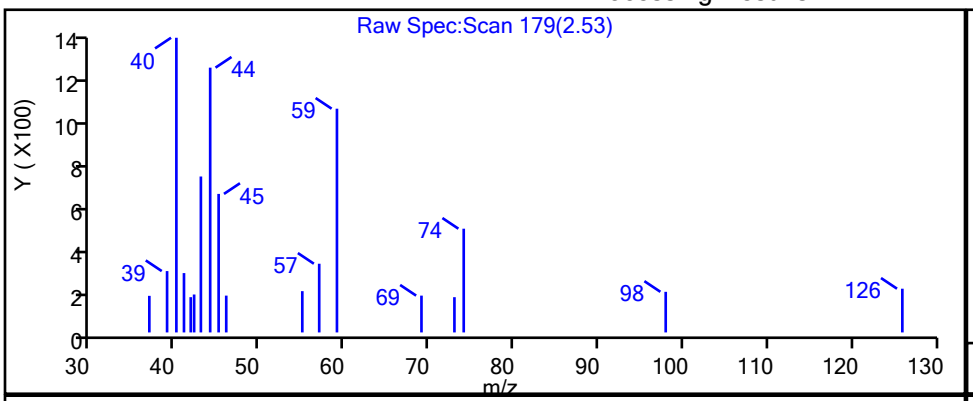
User Disabled Compound Report

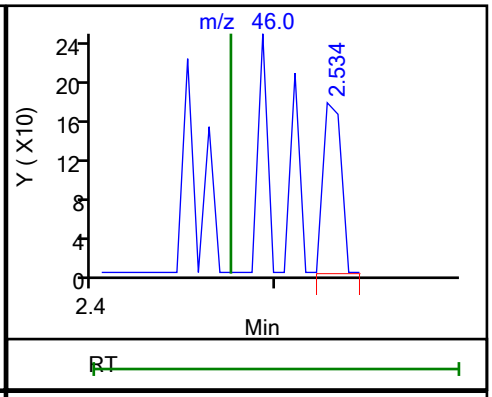
Eurofins Edison

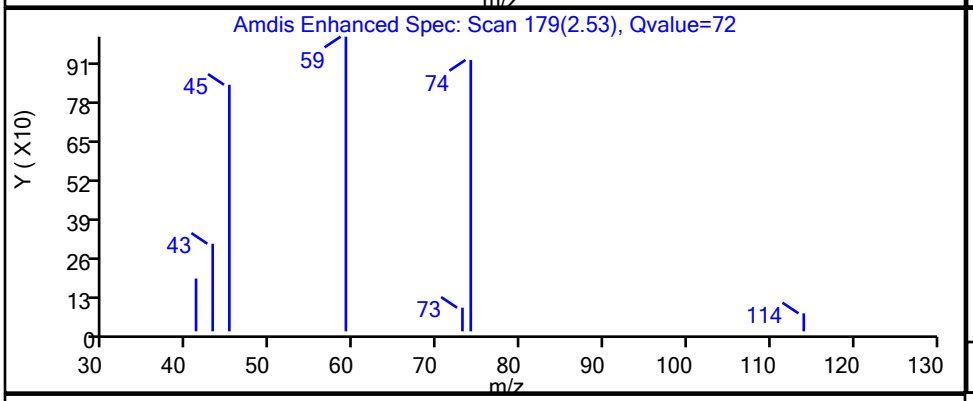
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

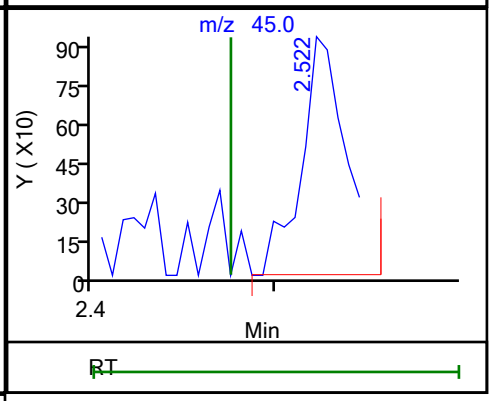
14 Ethanol, CAS: 64-17-5

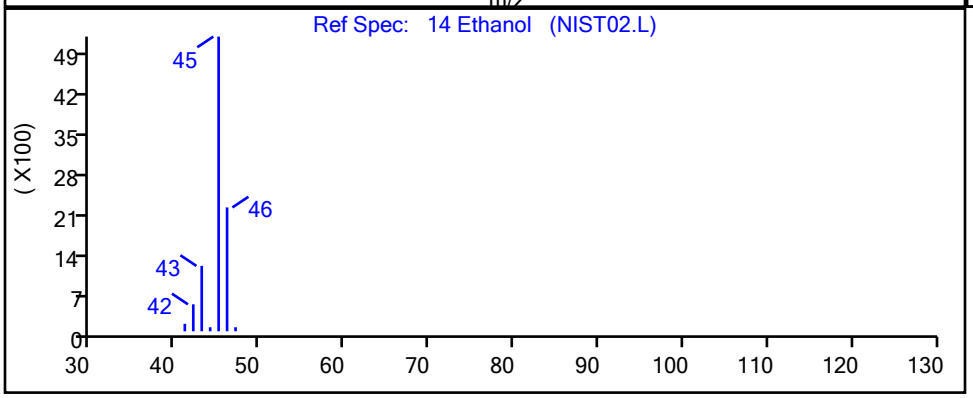
Processing Results











RT	Mass	Response	Amount
2.53	46.00	121	12.498244
2.52	45.00	1528	

Reviewer: NN6A, 14-May-2025 20:25:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

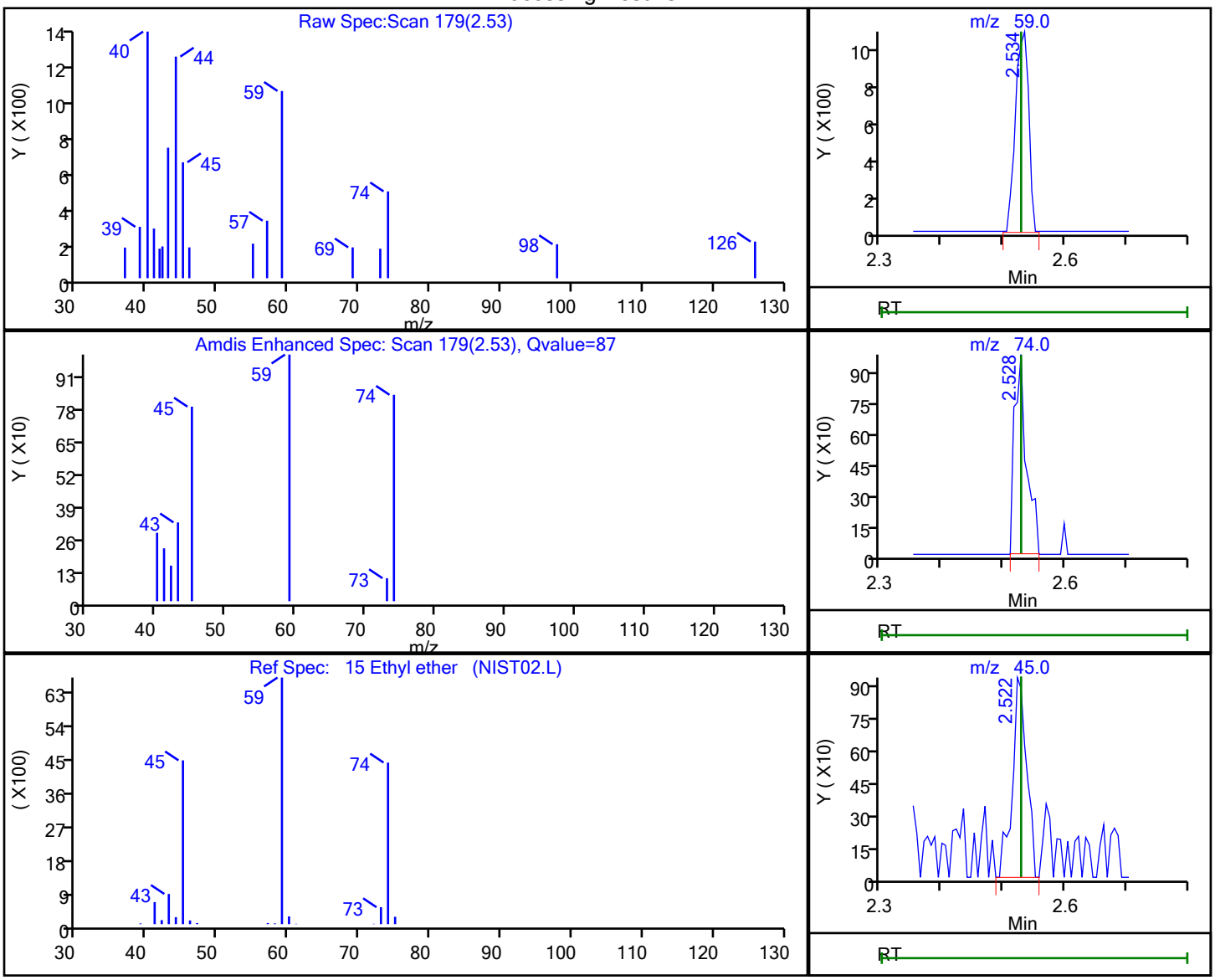
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.53	59.00	1506	0.809492
2.53	74.00	1361	
2.52	45.00	1528	

Reviewer: NN6A, 14-May-2025 20:25:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

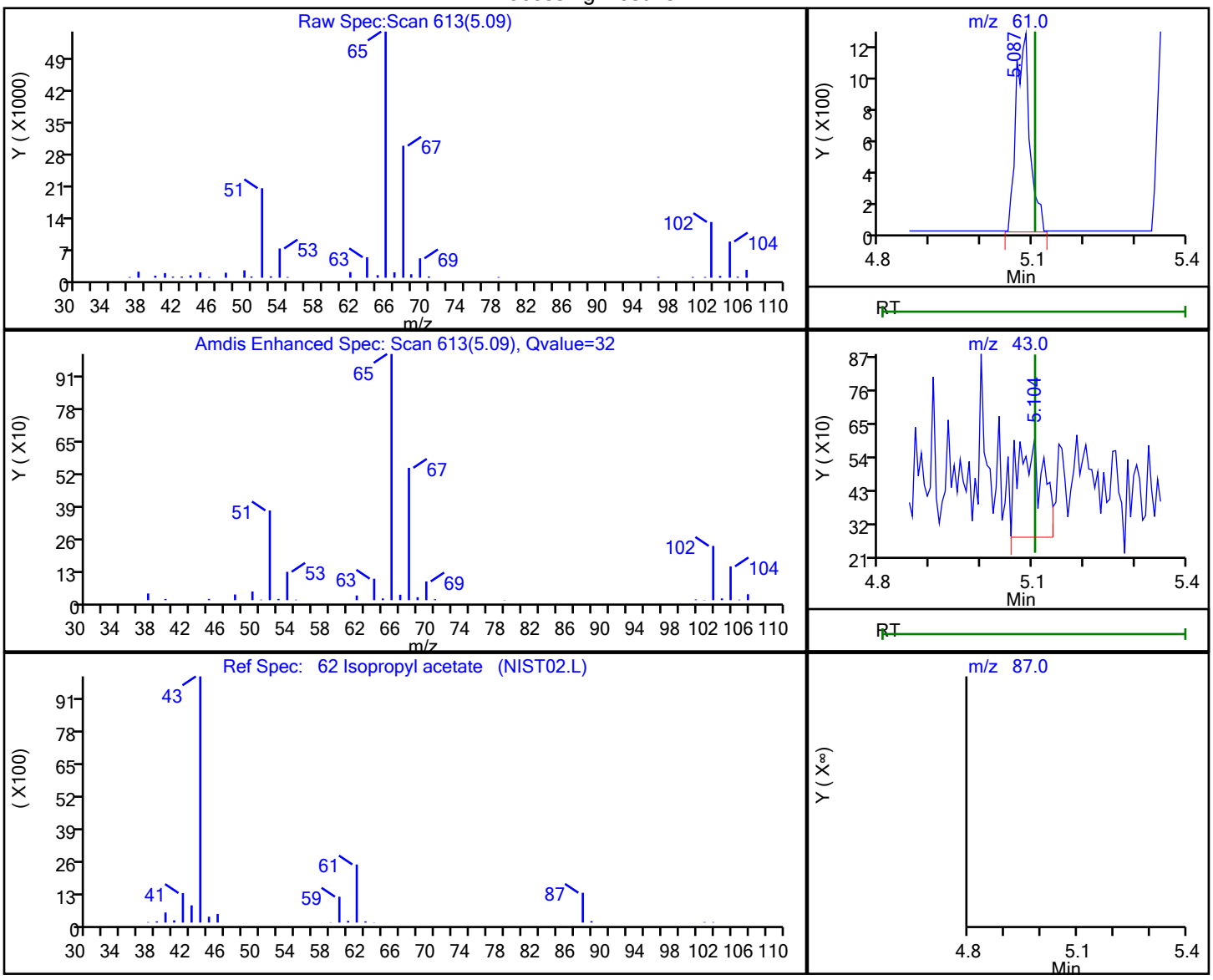
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
5.09	61.00	2331	0.428504
5.10	43.00	1100	
5.10	87.00	0	

Reviewer: NN6A, 14-May-2025 20:25:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

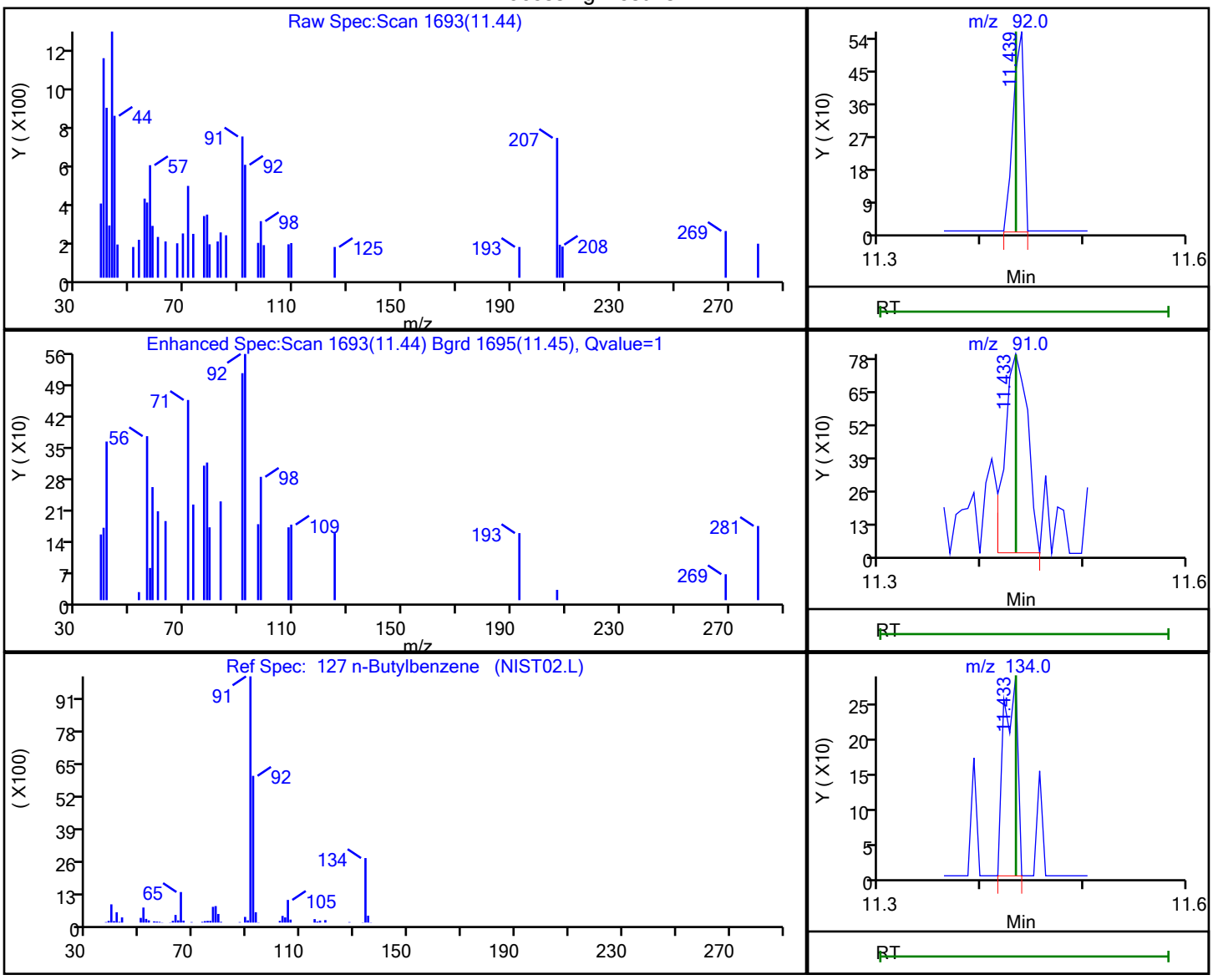
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.44	92.00	403	183.4888
11.43	91.00	1240	
11.43	134.00	265	

Reviewer: NN6A, 14-May-2025 20:26:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

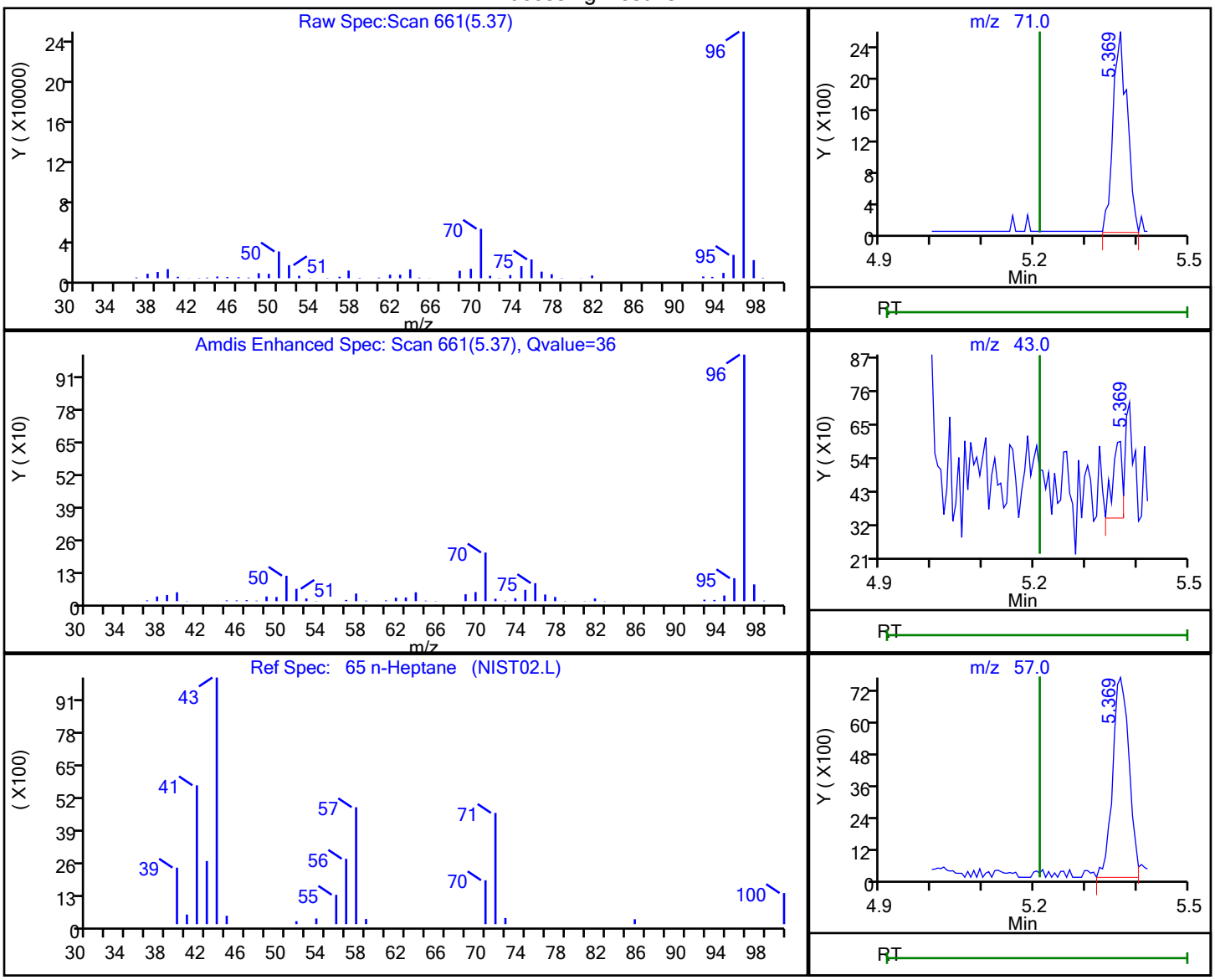
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.37	71.00	4768	5.904286
5.37	43.00	331	
5.37	57.00	17126	

Reviewer: NN6A, 14-May-2025 20:25:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

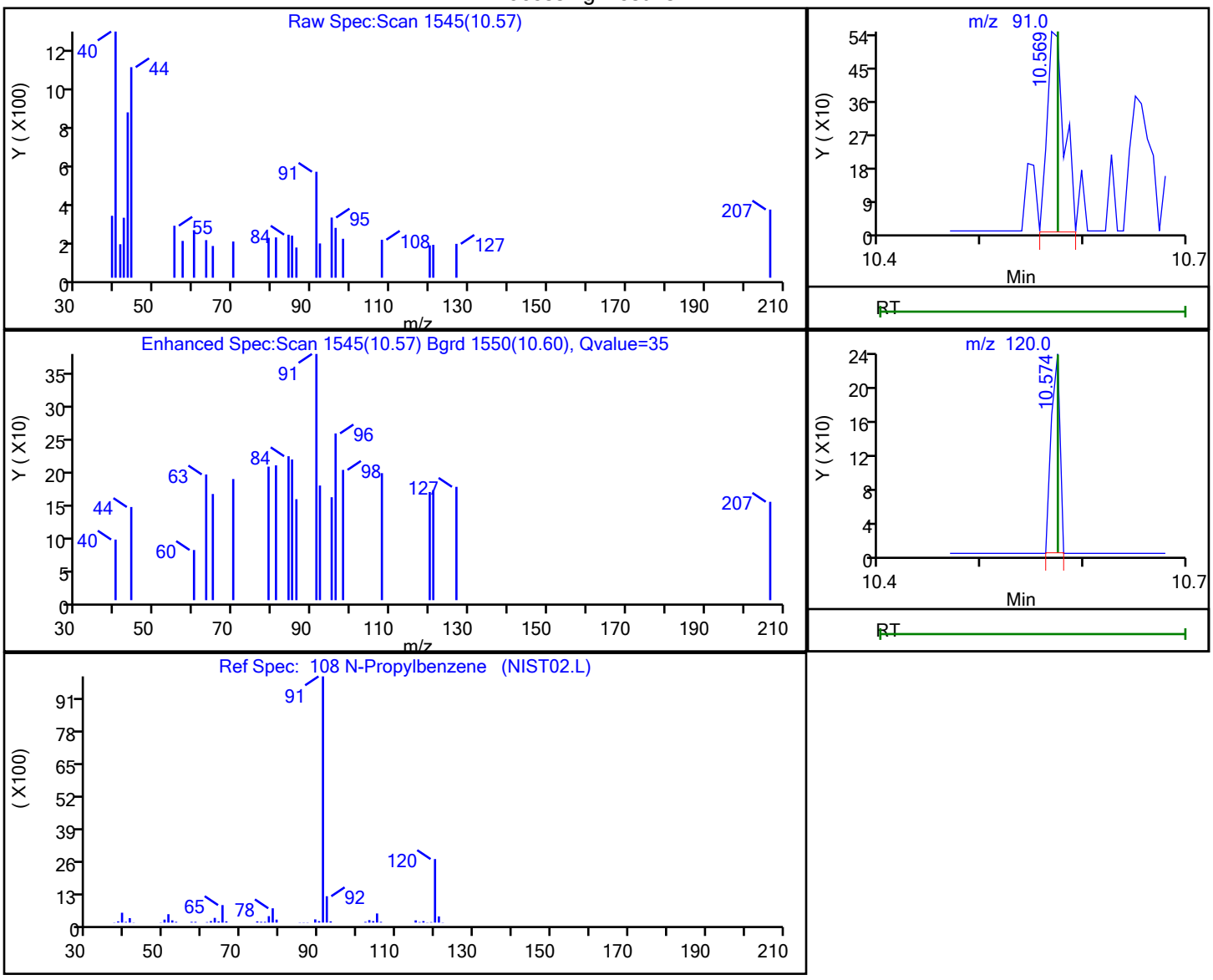
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

108 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
10.57	91.00	631	183.5307
10.57	120.00	143	

Reviewer: NN6A, 14-May-2025 20:26:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

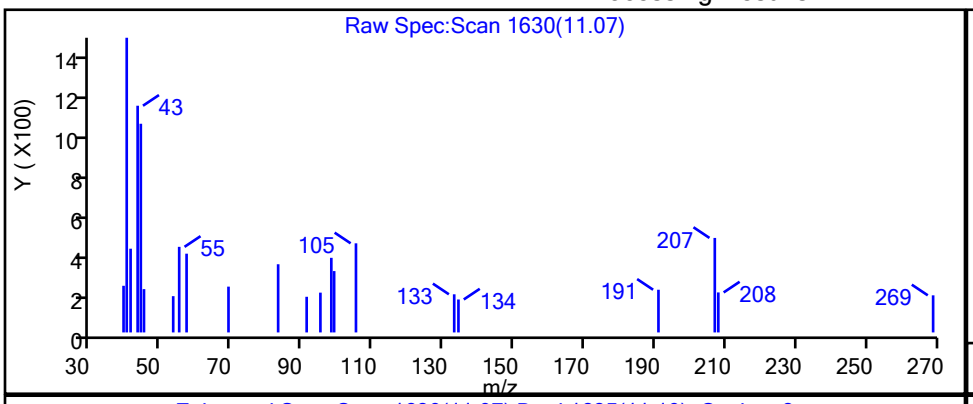
User Disabled Compound Report

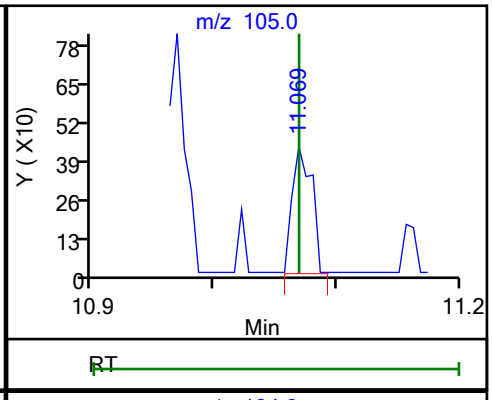
Eurofins Edison

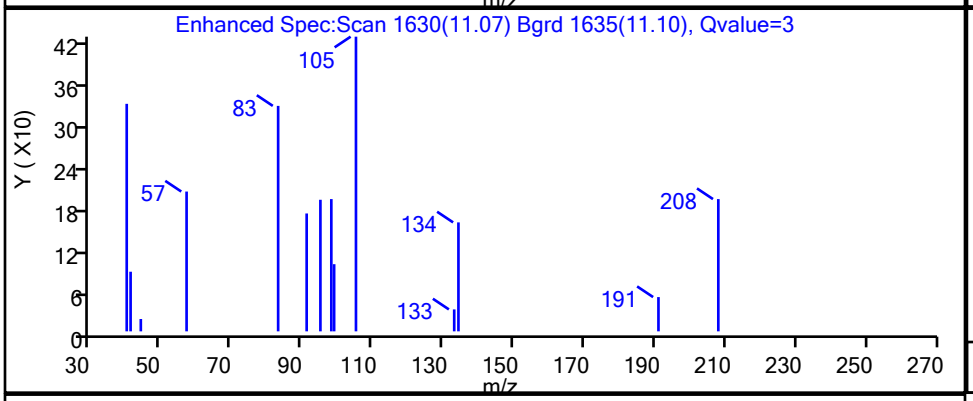
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

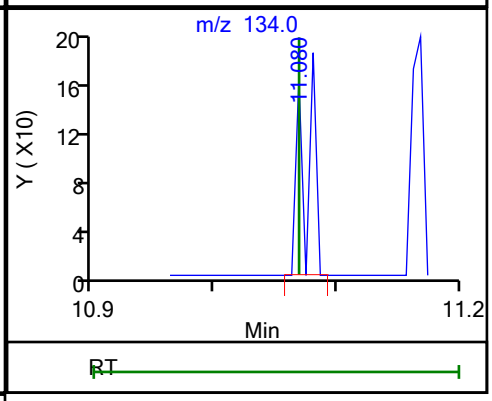
118 sec-Butylbenzene, CAS: 135-98-8

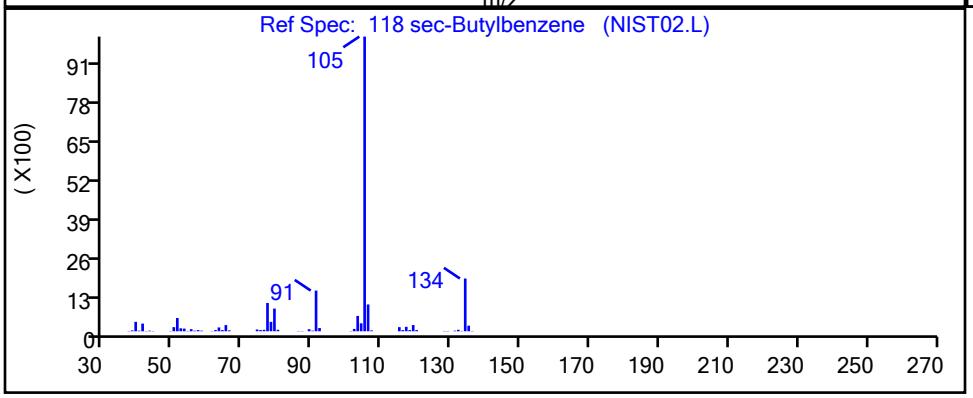
Processing Results











RT	Mass	Response	Amount
11.07	105.00	475	
11.08	134.00	120	183.5573

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

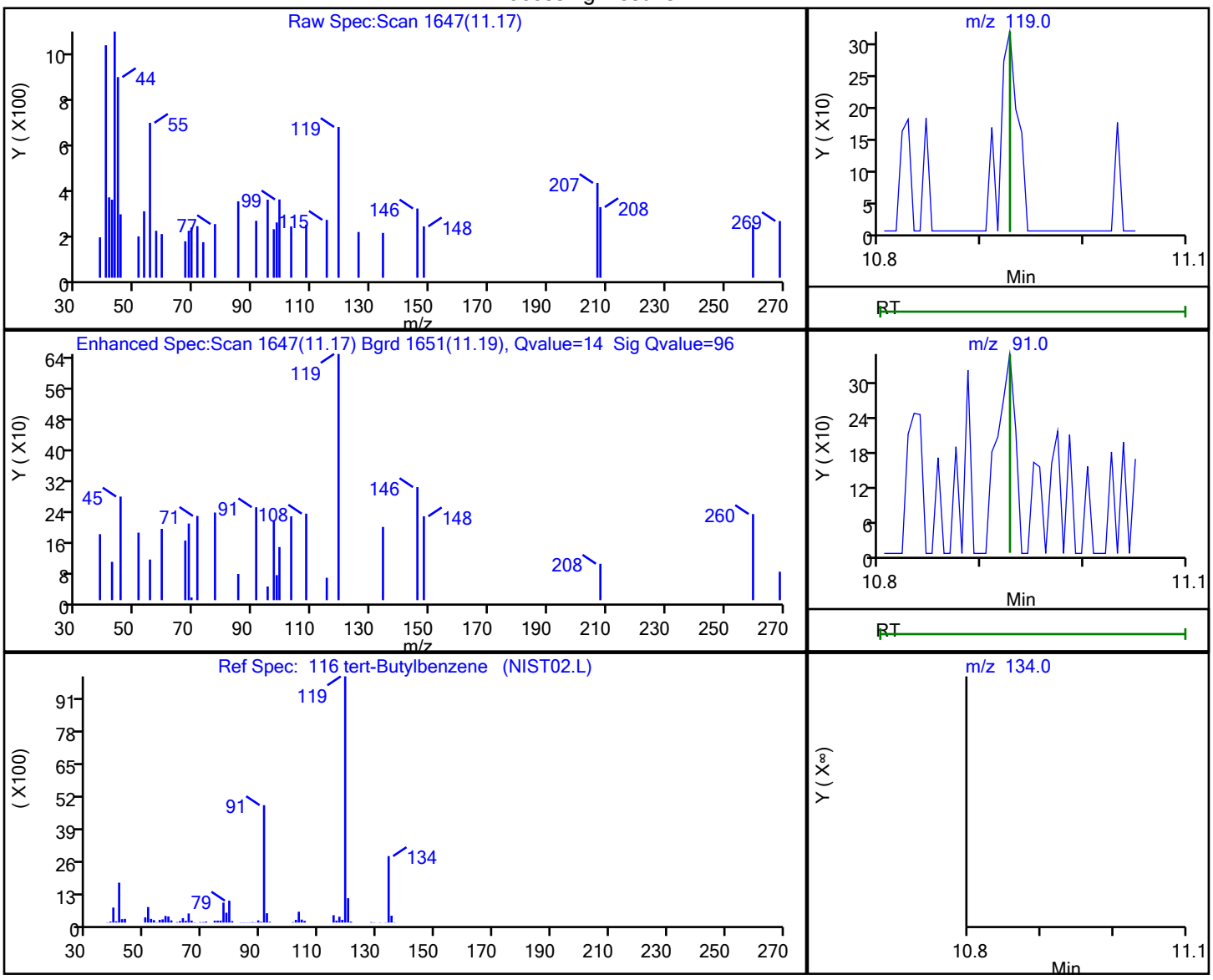
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
11.17	119.00	676	0.092733
11.16	91.00	288	
11.17	134.00	127	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

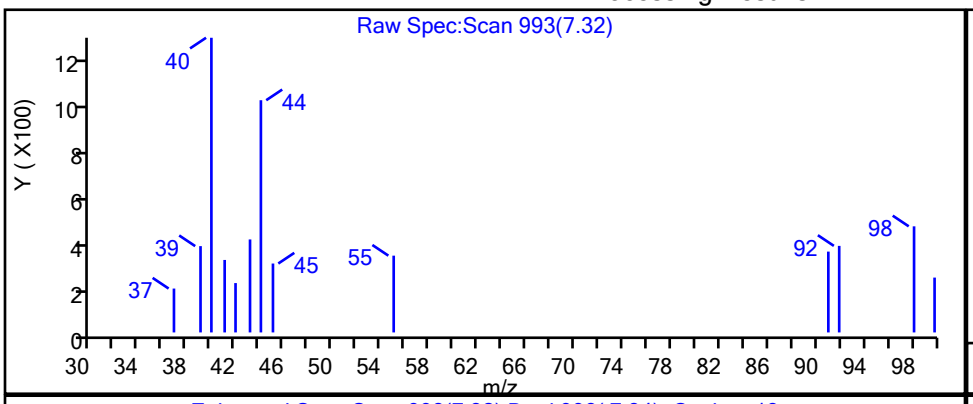
User Disabled Compound Report

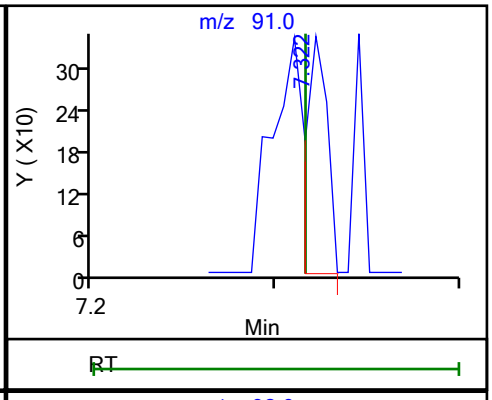
Eurofins Edison

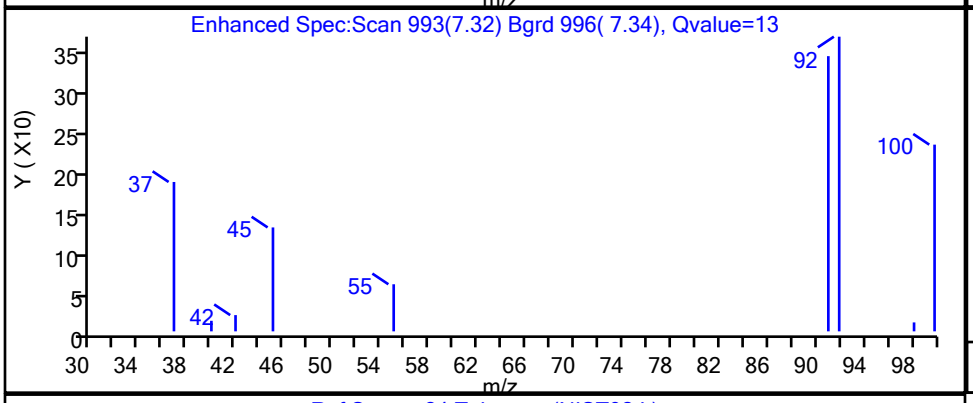
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

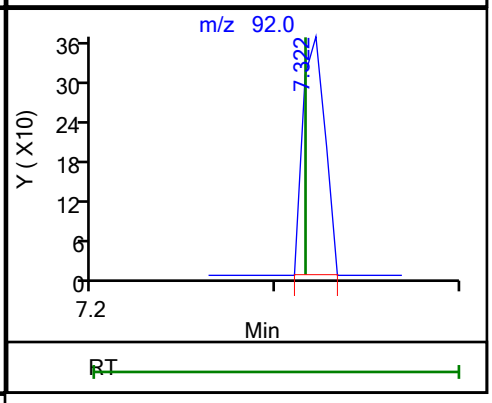
84 Toluene, CAS: 108-88-3

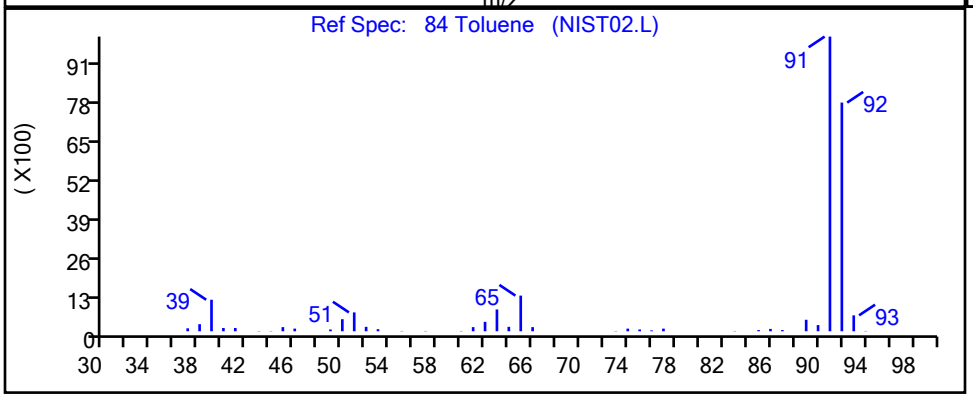
Processing Results











RT	Mass	Response	Amount
7.32	91.00	273	0.024419
7.32	92.00	305	

Reviewer: NN6A, 14-May-2025 20:26:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

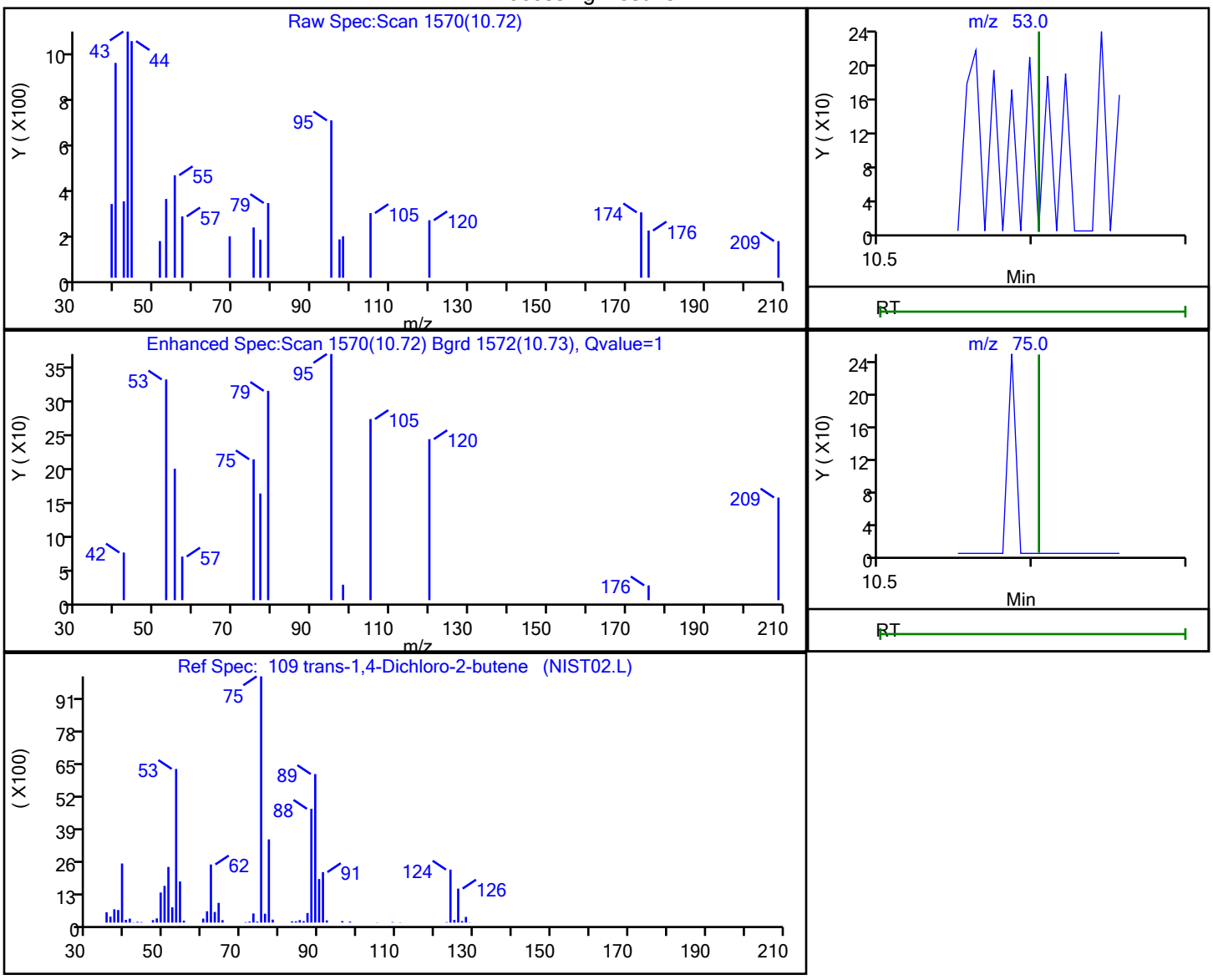
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
10.72	53.00	188	183.5477
10.72	75.00	239	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

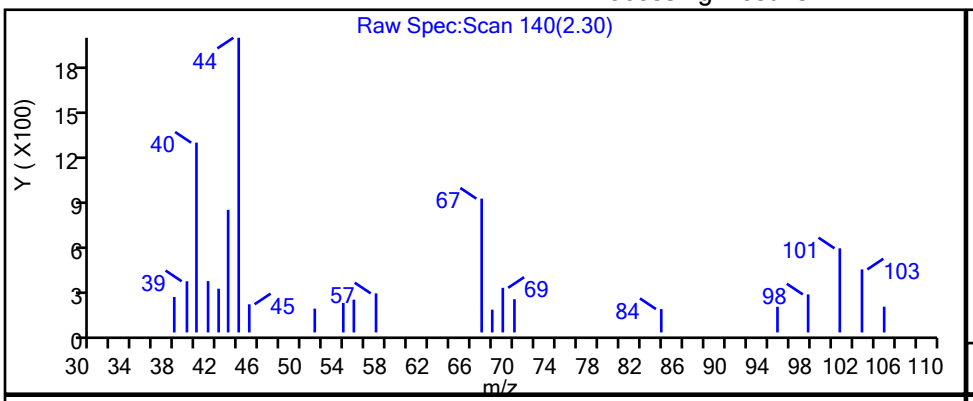
User Disabled Compound Report

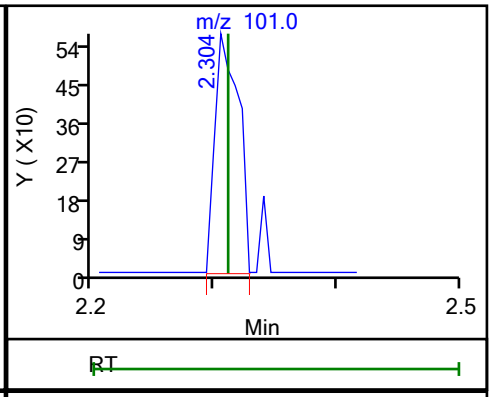
Eurofins Edison

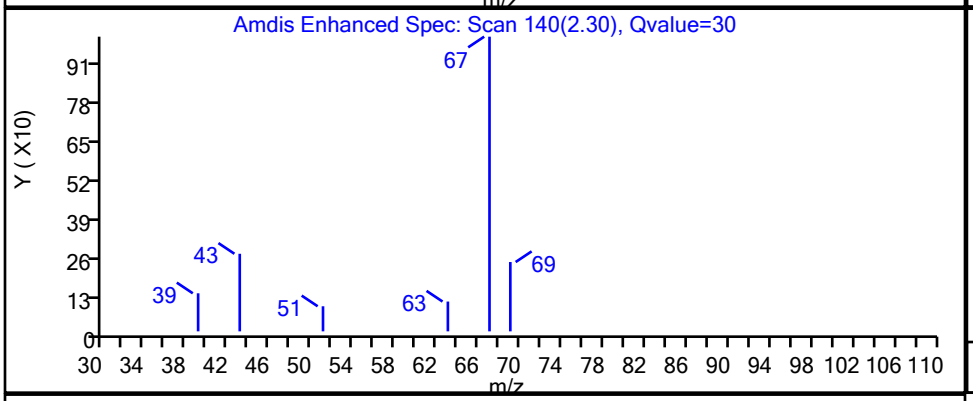
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

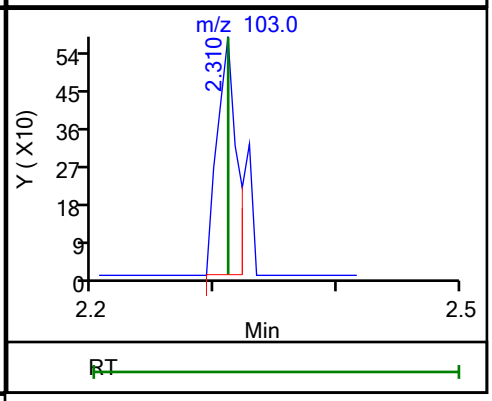
12 Trichlorofluoromethane, CAS: 75-69-4

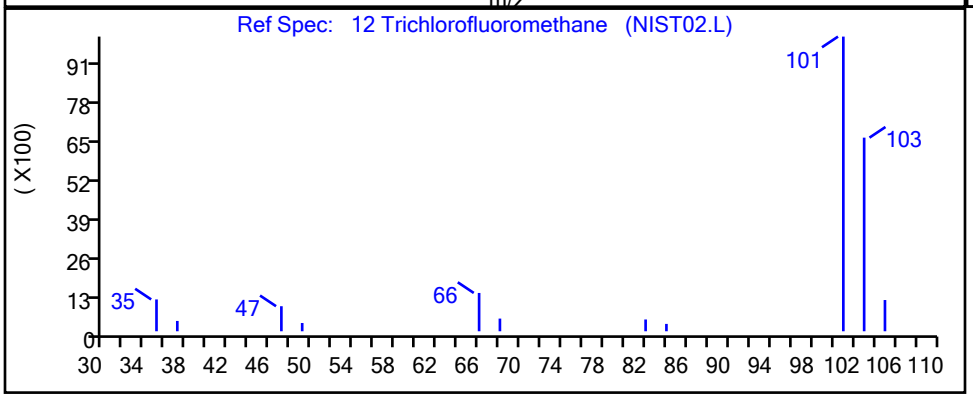
Processing Results











RT	Mass	Response	Amount
2.30	101.00	760	0.184921
2.31	103.00	632	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

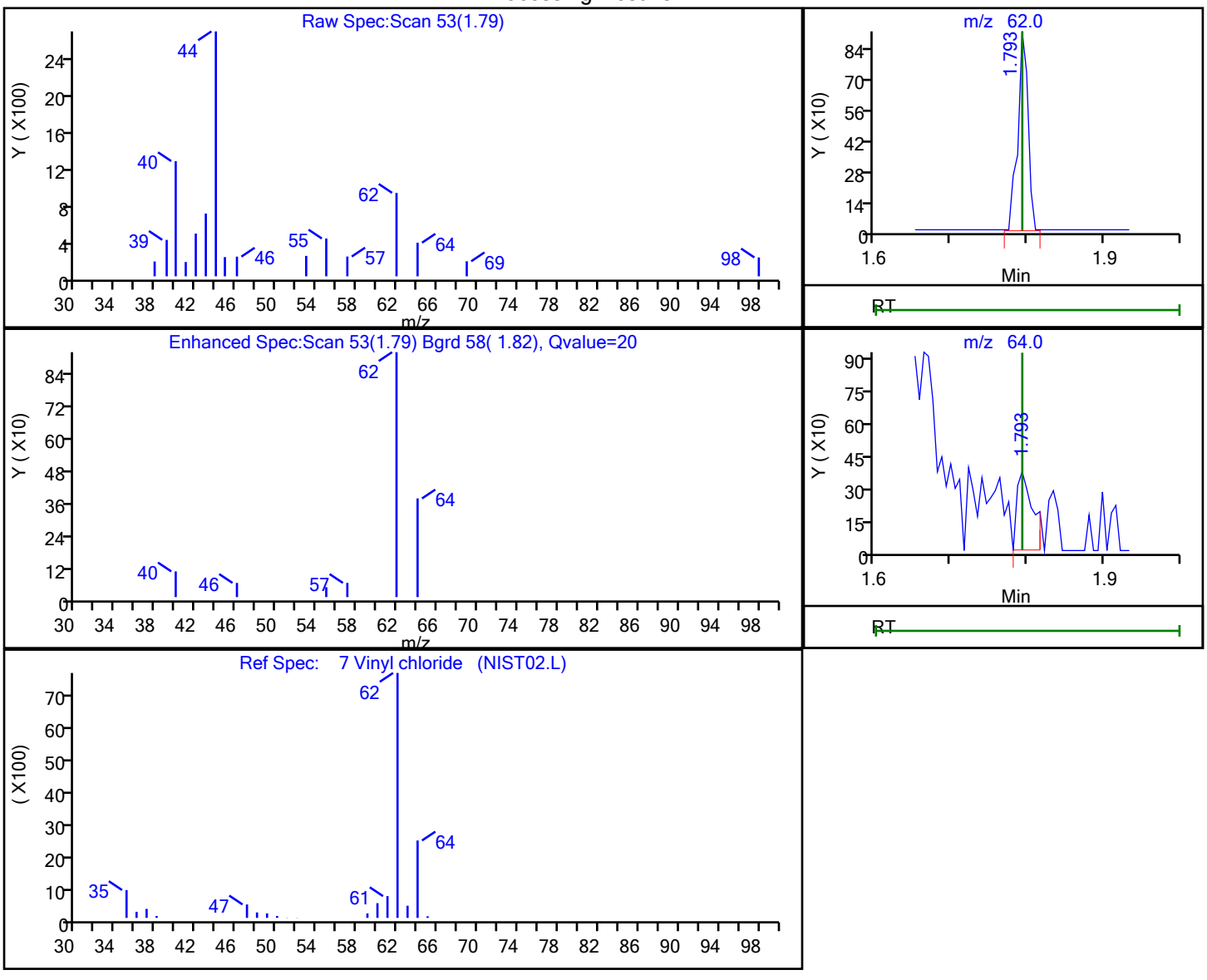
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.79	62.00	854	0.256271
1.79	64.00	535	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 14-May-2025 05:03:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0190761-006
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:08:58 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: HVW2 Date: 14-May-2025 05:56:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.505	1.510	-0.005	90	2296	5.00	4.41	
4 Dichlorodifluoromethane	85	1.540	1.540	0.000	97	19309	5.00	5.42	
165 Chlorodifluoromethane	51	1.558	1.558	0.000	94	16144	5.00	5.36	M
6 Chloromethane	50	1.728	1.728	0.000	98	18766	5.00	4.95	
7 Vinyl chloride	62	1.793	1.793	0.000	98	17425	5.00	5.26	
172 Butadiene	39	1.810	1.810	0.000	94	14652	5.00	4.87	
9 Bromomethane	94	2.075	2.069	0.006	97	9597	5.00	4.40	
10 Chloroethane	64	2.146	2.146	0.000	97	11517	5.00	5.17	
174 Dichlorofluoromethane	67	2.299	2.299	0.000	98	30173	5.00	4.99	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	98	21603	5.00	5.05	
13 Pentane	72	2.352	2.352	0.000	97	4893	10.0	16.9	
14 Ethanol	46	2.481	2.475	0.006	74	1940	200.0	188.0	
15 Ethyl ether	59	2.528	2.528	0.000	95	11172	5.00	5.10	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	83	12463	5.00	5.60	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.557	2.557	0.000	87	10925	5.00	5.06	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.605	2.610	-0.005	95	19265	5.00	5.18	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	93	13101	5.00	5.69	
19 Acrolein	56	2.693	2.693	0.000	47	4561	20.0	17.3	a
21 1,1-Dichloroethene	96	2.728	2.728	0.000	97	12421	5.00	5.05	
22 Acetone	58	2.805	2.810	-0.006	86	3100	25.0	22.5	
24 Isopropyl alcohol	45	2.869	2.863	0.006	98	4561	50.0	51.6	a
23 Iodomethane	142	2.881	2.887	-0.006	99	12235	5.00	3.96	
25 Carbon disulfide	76	2.922	2.922	0.000	99	43563	5.00	5.33	
27 Methyl acetate	43	3.028	3.028	0.000	60	10259	10.0	10.1	
161 3-Chloro-1-propene	76	3.034	3.028	0.006	94	8516	5.00	4.93	
166 Cyclopentene	67	3.052	3.052	0.000	93	37385	5.00	5.55	
29 Acetonitrile	41	3.099	3.099	0.000	97	8918	50.0	47.0	
* 30 TBA-d9 (IS)	65	3.110	3.110	0.000	0	117682	1000.0	1000.0	
31 Methylene Chloride	84	3.152	3.152	0.000	90	14832	5.00	5.18	
32 2-Methyl-2-propanol	59	3.187	3.181	0.006	97	7098	50.0	51.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.304	3.299	0.005	97	28595	5.00	4.69	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	92	14950	5.00	5.29	
35 Acrylonitrile	53	3.404	3.404	0.000	93	25461	50.0	47.6	
36 Hexane	43	3.475	3.481	-0.006	90	10069	5.00	6.62	
37 Isopropyl ether	45	3.675	3.675	0.000	97	39555	5.00	4.94	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	80	25570	5.00	5.04	
39 Vinyl acetate	86	3.734	3.728	0.006	99	3938	10.0	10.5	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	92	12629	5.00	5.16	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	88	36526	5.00	4.90	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	136531	250.0	250.0	
43 2,2-Dichloropropane	97	4.228	4.222	0.006	93	5471	5.00	5.53	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	95	15870	5.00	4.97	
46 Ethyl acetate	70	4.257	4.257	0.000	94	1753	10.0	9.07	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	97	4319	25.0	22.3	
47 Methyl acrylate	55	4.316	4.316	0.000	98	6496	5.00	4.41	
48 Propionitrile	54	4.404	4.404	0.000	99	10334	50.0	51.8	
50 Chlorobromomethane	128	4.487	4.487	0.000	90	6162	5.00	4.74	
49 Tetrahydrofuran	42	4.504	4.493	0.011	49	5798	10.0	8.45	
51 Methacrylonitrile	67	4.510	4.510	0.000	93	33456	50.0	47.8	
52 Chloroform	83	4.534	4.534	0.000	98	26273	5.00	5.17	
53 Cyclohexane	56	4.675	4.681	-0.006	86	22131	5.00	6.00	
54 1,1,1-Trichloroethane	97	4.699	4.693	0.005	45	23140	5.00	5.38	
$ 55 Dibromofluoromethane (Surr)	113	4.699	4.699	0.000	96	127933	50.0	49.6	
56 Carbon tetrachloride	117	4.816	4.822	-0.006	97	18188	5.00	5.28	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	96	19370	5.00	5.14	
58 Isobutyl alcohol	43	4.957	4.946	0.011	92	7788	125.0	131.3	
59 Isooctane	57	5.022	5.022	0.000	98	29812	5.00	6.74	
60 Benzene	78	5.069	5.069	0.000	94	54994	5.00	4.84	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	129205	50.0	50.3	
62 Isopropyl acetate	61	5.098	5.104	-0.006	72	5825	5.00	4.77	
63 Tert-amyl methyl ether	87	5.110	5.110	0.000	94	9216	5.00	4.80	a
64 1,2-Dichloroethane	62	5.163	5.163	0.000	97	16064	5.00	4.79	
65 n-Heptane	71	5.204	5.210	-0.006	90	8596	5.00	7.40	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	516323	50.0	50.0	
67 n-Butanol	56	5.681	5.675	0.006	83	4504	125.0	112.2	
68 Trichloroethene	95	5.751	5.757	-0.006	98	15103	5.00	5.05	
69 Ethyl acrylate	99	5.875	5.881	-0.006	96	1668	5.00	5.81	a
70 Methylcyclohexane	83	5.893	5.893	0.000	84	18769	5.00	6.10	
71 1,2-Dichloropropane	63	6.075	6.075	0.000	92	14090	5.00	4.89	
* 73 1,4-Dioxane-d8	96	6.140	6.134	0.006	0	14450	1000.0	1000.0	
72 Methyl methacrylate	69	6.145	6.151	-0.006	89	12398	10.0	9.47	
75 1,4-Dioxane	88	6.198	6.198	0.000	27	1642	100.0	104.7	
74 n-Propyl acetate	43	6.204	6.204	0.000	90	9906	5.00	4.50	
76 Dibromomethane	93	6.216	6.222	-0.006	96	7235	5.00	5.00	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	18559	5.00	4.89	
79 2-Nitropropane	41	6.763	6.757	0.006	90	3935	10.0	8.57	
80 Epichlorohydrin	57	6.887	6.887	0.000	98	11142	100.0	95.7	
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	92	21817	5.00	4.61	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.128	0.006	95	35659	25.0	25.4	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	487899	50.0	50.7	
84 Toluene	91	7.316	7.316	0.000	93	56909	5.00	4.98	
86 trans-1,3-Dichloropropene	75	7.722	7.722	0.000	96	17794	5.00	4.66	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.745	7.745	0.000	74	13058	5.00	5.06	
87 1,1,2-Trichloroethane	83	7.987	7.987	0.000	96	9232	5.00	5.57	
88 Tetrachloroethene	166	8.039	8.034	0.005	93	12635	5.00	4.80	
89 1,3-Dichloropropane	76	8.263	8.257	0.006	91	18006	5.00	5.22	
90 2-Hexanone	58	8.345	8.339	0.006	95	13192	25.0	24.5	
91 n-Butyl acetate	73	8.492	8.492	0.000	97	2181	5.00	5.02	
92 Chlorodibromomethane	129	8.569	8.563	0.006	96	11232	5.00	4.73	
93 Ethylene Dibromide	107	8.769	8.763	0.006	92	9851	5.00	4.99	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	86	356879	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	95	35732	5.00	4.96	
96 Ethylbenzene	106	9.433	9.433	0.000	98	20186	5.00	5.04	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.445	0.006	94	12481	5.00	5.15	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	24222	5.00	5.01	
99 n-Butyl acrylate	73	9.933	9.933	0.000	97	7758	5.00	4.90	
100 o-Xylene	106	9.951	9.951	0.000	94	22236	5.00	4.72	
101 Styrene	104	9.975	9.975	0.000	94	37751	5.00	4.87	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	90	14694	5.00	4.85	
103 Bromoform	173	10.157	10.157	0.000	94	6035	5.00	4.66	
104 Isopropylbenzene	105	10.251	10.251	0.000	96	54064	5.00	5.17	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	87	136364	50.0	50.3	
107 Bromobenzene	156	10.528	10.528	0.000	98	13808	5.00	4.78	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	98	9462	5.00	4.78	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	69053	5.00	4.97	
110 1,2,3-Trichloropropane	110	10.598	10.592	0.006	94	2816	5.00	5.00	
109 trans-1,4-Dichloro-2-butene	53	10.604	10.604	0.000	76	3089	5.00	5.14	
112 2-Chlorotoluene	91	10.657	10.657	0.000	92	46681	5.00	4.78	
169 4-Ethyltoluene	105	10.657	10.657	0.000	88	55645	5.00	4.85	
113 1,3,5-Trimethylbenzene	105	10.710	10.704	0.006	93	43594	5.00	4.83	
115 4-Chlorotoluene	91	10.745	10.745	0.000	97	43654	5.00	4.90	
114 Butyl Methacrylate	87	10.775	10.775	0.000	88	15685	5.00	4.83	
116 tert-Butylbenzene	119	10.928	10.928	0.000	94	36092	5.00	4.87	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	97	44322	5.00	4.77	
118 sec-Butylbenzene	134	11.075	11.069	0.006	99	10624	5.00	4.93	
119 4-Isopropyltoluene	119	11.163	11.163	0.000	97	44182	5.00	4.80	
120 1,3-Dichlorobenzene	146	11.175	11.175	0.000	93	24373	5.00	4.60	
* 121 1,4-Dichlorobenzene-d4	152	11.222	11.222	0.000	96	175186	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.239	11.239	0.000	96	25943	5.00	4.75	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	99	43966	5.00	4.65	
124 Benzyl chloride	91	11.339	11.339	0.000	98	18984	5.00	4.78	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	94	42306	5.00	4.91	
164 p-Diethylbenzene	119	11.416	11.416	0.000	92	25648	5.00	4.73	
127 n-Butylbenzene	92	11.433	11.433	0.000	97	21190	5.00	4.78	
128 1,2-Dichlorobenzene	146	11.492	11.498	-0.006	95	22437	5.00	4.89	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	97	34471	5.00	4.45	
130 1,2-Dibromo-3-Chloropropane	157	12.063	12.069	-0.006	89	1176	5.00	3.69	
131 1,3,5-Trichlorobenzene	180	12.169	12.169	0.000	95	13883	5.00	4.67	
132 1,2,4-Trichlorobenzene	180	12.704	12.698	0.006	91	9640	5.00	4.20	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	87	4151	5.00	4.27	
134 Naphthalene	128	12.939	12.945	-0.006	99	18889	5.00	4.14	
135 1,2,3-Trichlorobenzene	180	13.169	13.174	-0.005	94	6788	5.00	4.54	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 137 Xylenes, Total	100				0		10.0	9.73	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00641	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	10.00	Units: uL	
524FREONS_00033	Amount Added:	10.00	Units: uL	
ACROLEIN W_00183	Amount Added:	4.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:08:59 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D

Injection Date: 14-May-2025 05:03:30 Instrument ID: CVOAMS1 Operator ID:

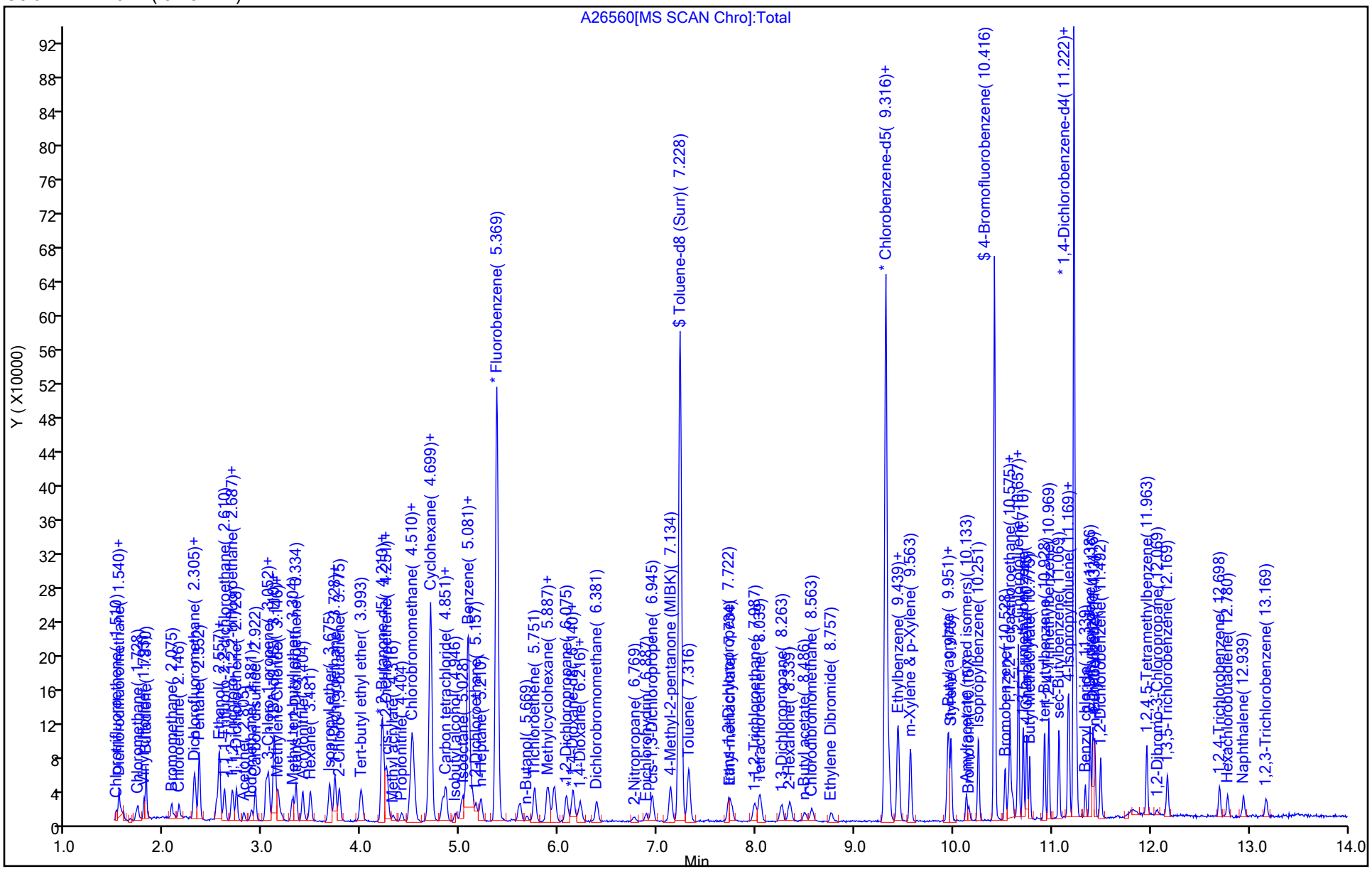
Lims ID: STD5 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

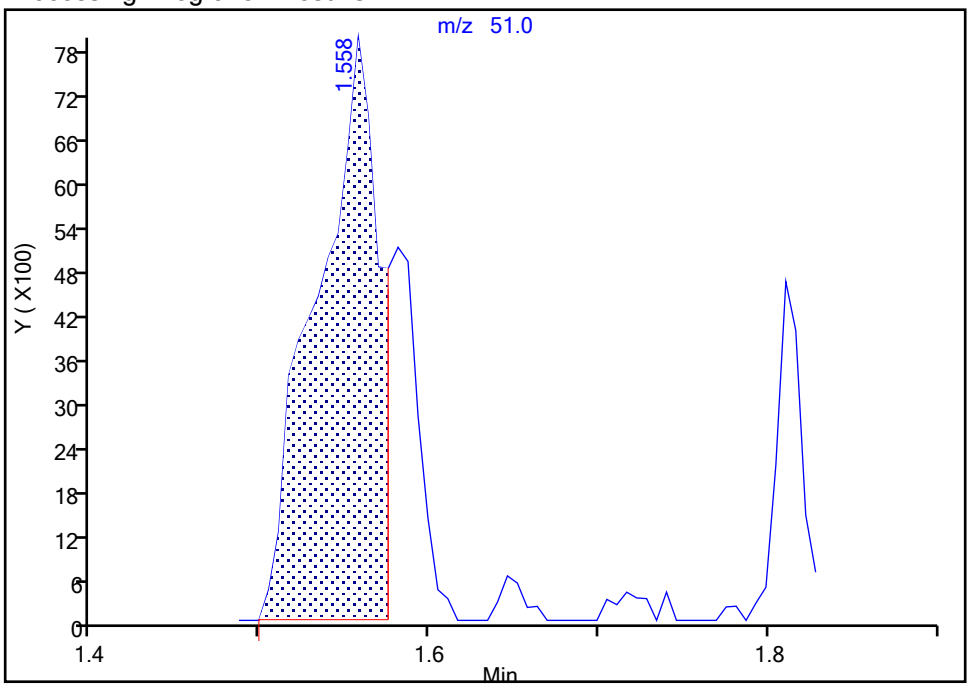
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D
Injection Date: 14-May-2025 05:03:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

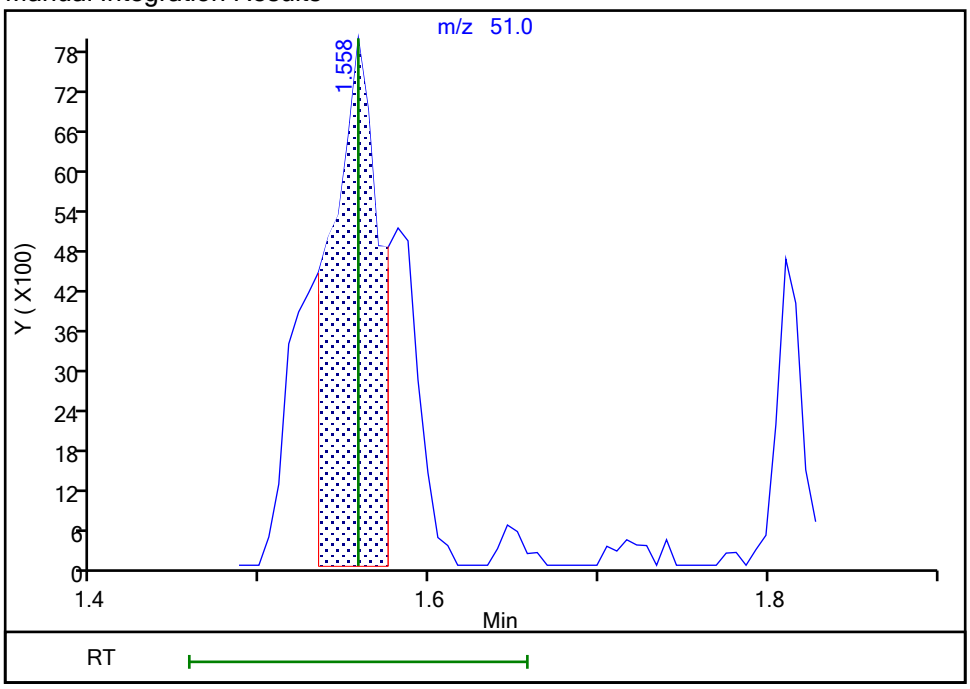
Processing Integration Results

RT: 1.56
Area: 20726
Amount: 6.109946
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 16144
Amount: 5.360442
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:26:59 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

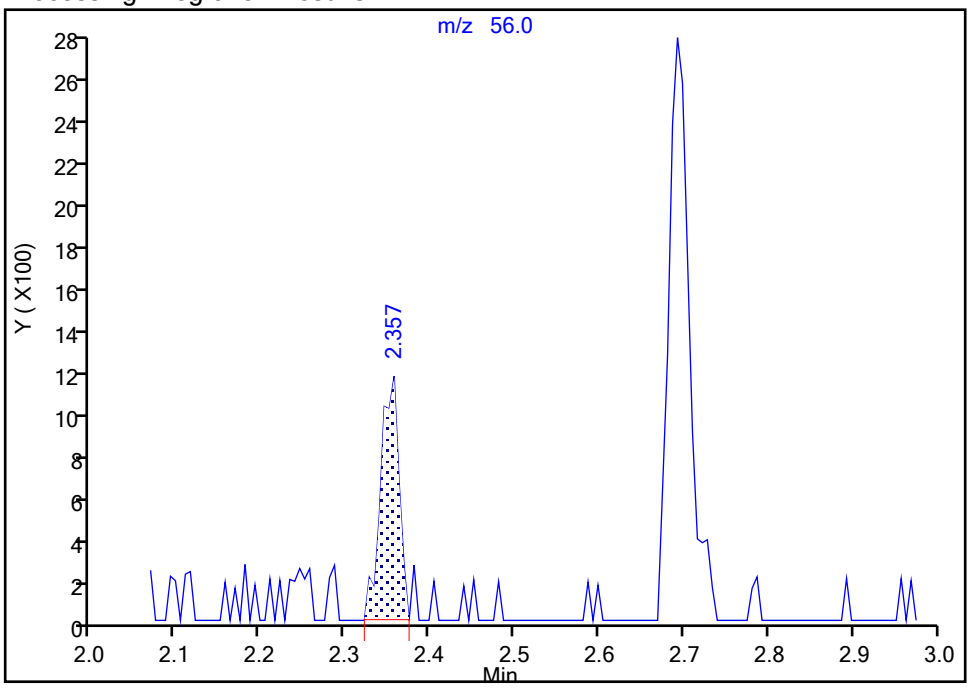
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D
Injection Date: 14-May-2025 05:03:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

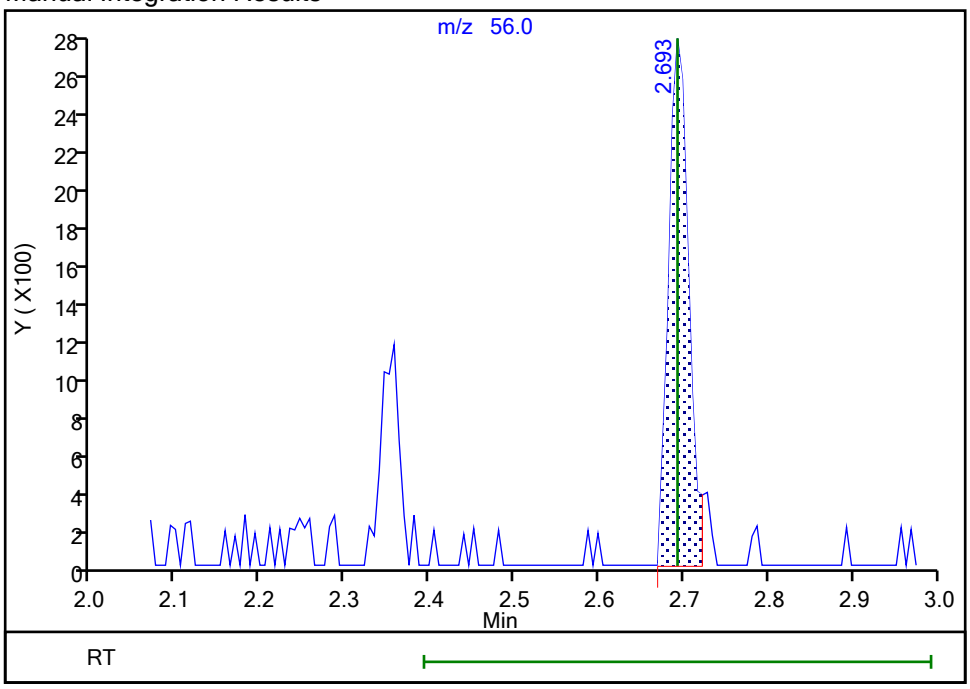
Processing Integration Results

RT: 2.36
Area: 1744
Amount: 15.333556
Amount Units: ug/l



Manual Integration Results

RT: 2.69
Area: 4561
Amount: 17.275221
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:32:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

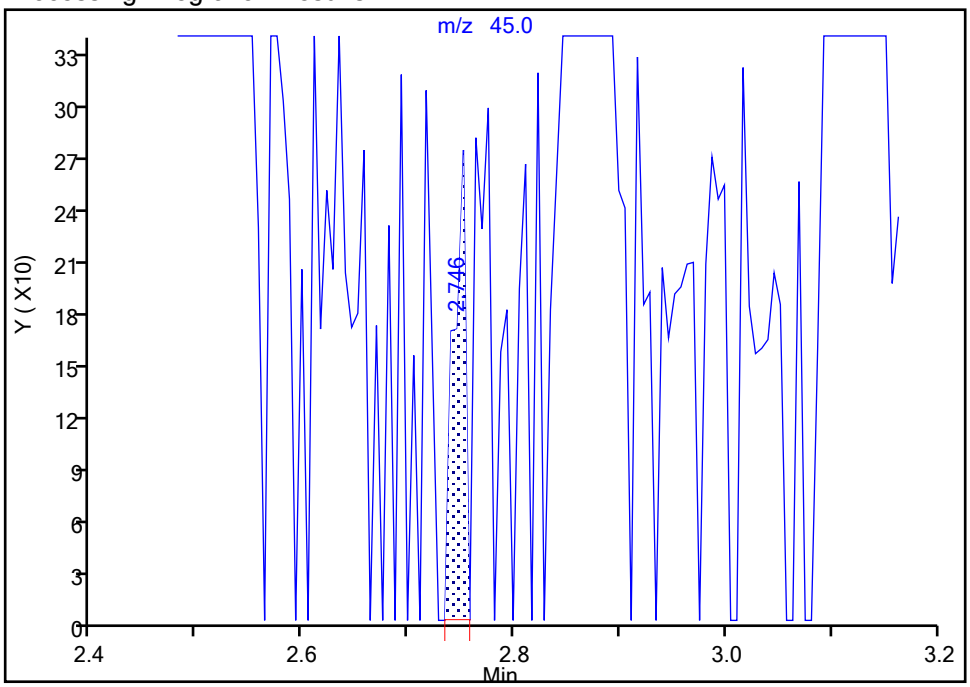
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D
Injection Date: 14-May-2025 05:03:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

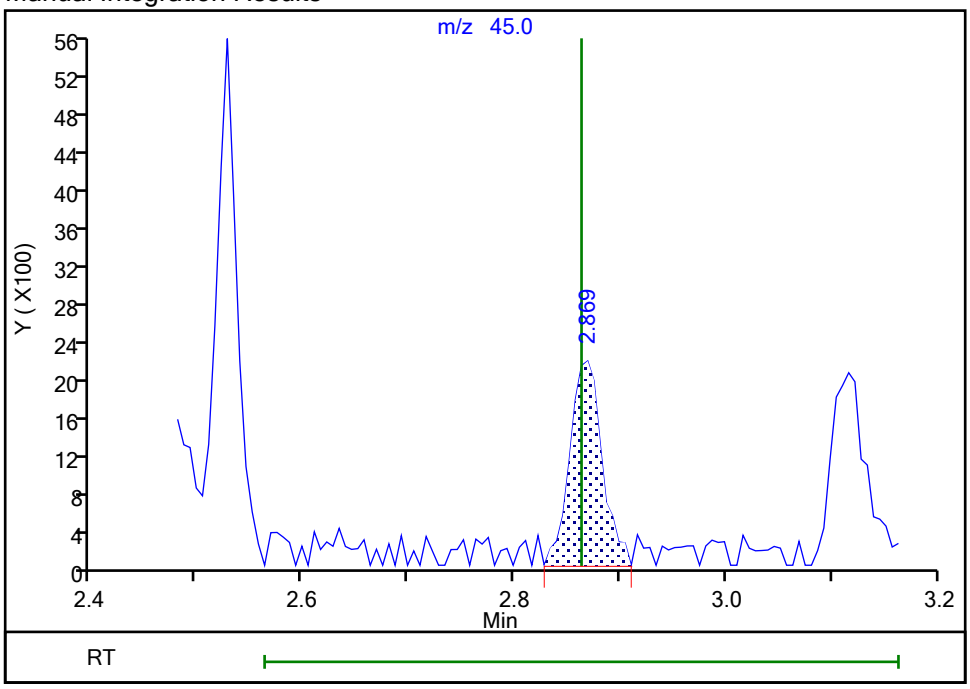
Processing Integration Results

RT: 2.75
Area: 211
Amount: 2.598429
Amount Units: ug/l



Manual Integration Results

RT: 2.87
Area: 4561
Amount: 51.608114
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:27:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

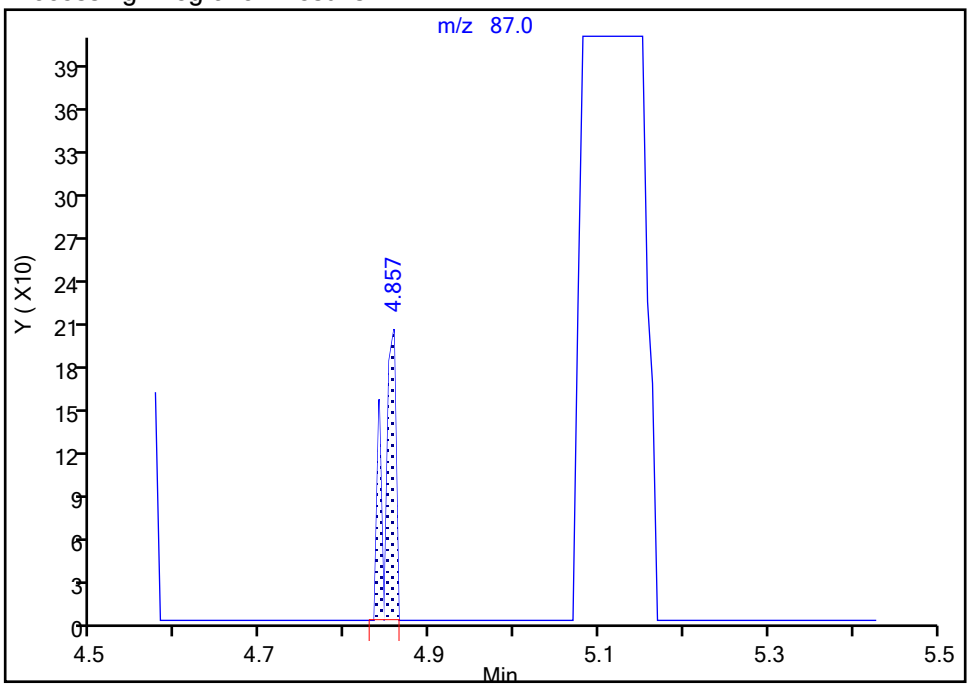
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D
Injection Date: 14-May-2025 05:03:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

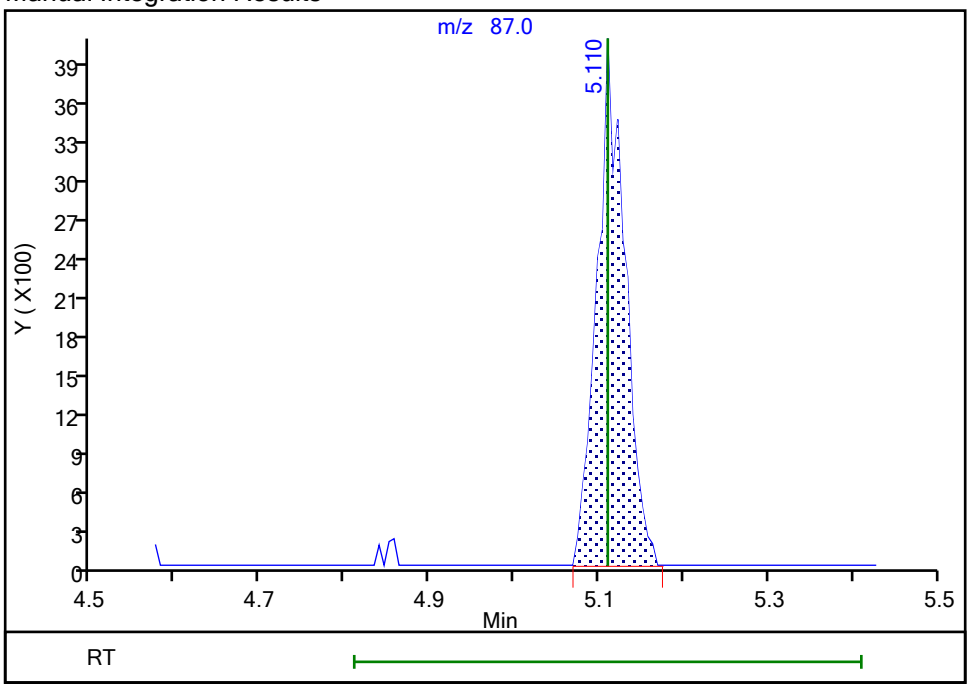
Processing Integration Results

RT: 4.86
Area: 190
Amount: 0.117484
Amount Units: ug/l



Manual Integration Results

RT: 5.11
Area: 9216
Amount: 4.804732
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:27:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

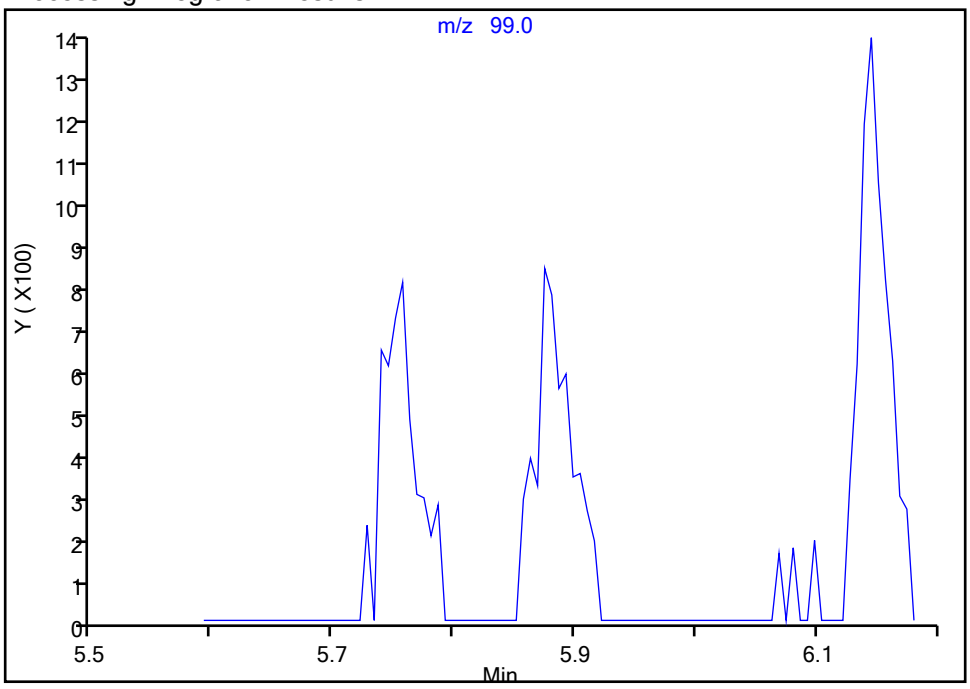
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D
Injection Date: 14-May-2025 05:03:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

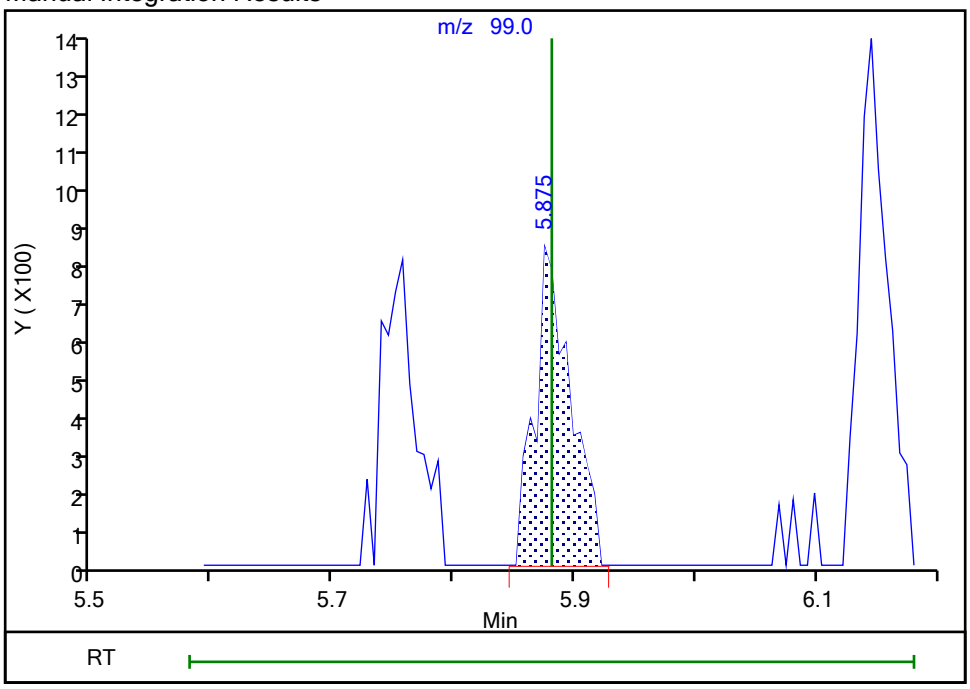
Not Detected
Expected RT: 5.88

Processing Integration Results



Manual Integration Results

RT: 5.87
Area: 1668
Amount: 5.812140
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:27:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26561.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 14-May-2025 05:27:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0190761-007
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:09:12 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: HVW2 Date: 14-May-2025 05:58:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.510	1.510	0.000	92	8971	20.0	17.4	
4 Dichlorodifluoromethane	85	1.540	1.540	0.000	99	63594	20.0	18.0	
165 Chlorodifluoromethane	51	1.558	1.558	0.000	95	59700	20.0	20.0	
6 Chloromethane	50	1.728	1.728	0.000	99	74544	20.0	19.9	
7 Vinyl chloride	62	1.793	1.793	0.000	97	64207	20.0	19.6	
172 Butadiene	39	1.810	1.810	0.000	95	51945	20.0	17.4	
9 Bromomethane	94	2.069	2.069	0.000	97	40282	20.0	18.7	
10 Chloroethane	64	2.146	2.146	0.000	99	43334	20.0	19.6	
174 Dichlorofluoromethane	67	2.299	2.299	0.000	98	119464	20.0	19.9	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	98	82479	20.0	19.5	
13 Pentane	72	2.352	2.352	0.000	97	15734	40.0	53.1	
14 Ethanol	46	2.475	2.475	0.000	96	7222	800.0	819.4	
15 Ethyl ether	59	2.528	2.528	0.000	94	38080	20.0	19.9	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	85	43108	20.0	19.6	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.557	2.557	0.000	92	39873	20.0	18.6	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	96	70245	20.0	19.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	96	42927	20.0	18.8	
19 Acrolein	56	2.693	2.693	0.000	40	9620	40.0	38.5	a
21 1,1-Dichloroethene	96	2.728	2.728	0.000	98	49681	20.0	20.4	
22 Acetone	58	2.810	2.810	0.000	87	12684	100.0	90.7	
24 Isopropyl alcohol	45	2.863	2.863	0.000	86	16975	200.0	189.1	
23 Iodomethane	142	2.887	2.887	0.000	100	56029	20.0	18.3	
25 Carbon disulfide	76	2.922	2.922	0.000	99	163851	20.0	20.2	
27 Methyl acetate	43	3.028	3.028	0.000	78	41765	40.0	40.6	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	93	34966	20.0	20.5	
166 Cyclopentene	67	3.052	3.052	0.000	95	128819	20.0	19.3	
29 Acetonitrile	41	3.099	3.099	0.000	67	39777	200.0	206.4	
* 30 TBA-d9 (IS)	65	3.110	3.110	0.000	0	119563	1000.0	1000.0	
31 Methylene Chloride	84	3.152	3.152	0.000	92	58486	20.0	20.6	
32 2-Methyl-2-propanol	59	3.181	3.181	0.000	97	28083	200.0	198.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.299	3.299	0.000	96	122080	20.0	20.2	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	94	57331	20.0	20.5	
35 Acrylonitrile	53	3.404	3.404	0.000	94	104583	200.0	197.2	
36 Hexane	43	3.481	3.481	0.000	92	28950	20.0	19.2	
37 Isopropyl ether	45	3.675	3.675	0.000	98	161626	20.0	20.4	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	98	101628	20.0	20.2	
39 Vinyl acetate	86	3.728	3.728	0.000	99	17204	40.0	45.3	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	91	49167	20.0	20.3	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	88	150950	20.0	20.5	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	138444	250.0	250.0	
43 2,2-Dichloropropane	97	4.222	4.222	0.000	97	20224	20.0	20.6	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	95	61567	20.0	19.5	
46 Ethyl acetate	70	4.257	4.257	0.000	93	7674	40.0	40.0	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	96	17421	100.0	88.5	
47 Methyl acrylate	55	4.316	4.316	0.000	100	29125	20.0	19.9	
48 Propionitrile	54	4.404	4.404	0.000	98	40613	200.0	200.3	
50 Chlorobromomethane	128	4.487	4.487	0.000	82	25804	20.0	20.0	
49 Tetrahydrofuran	42	4.493	4.493	0.000	54	25162	40.0	44.2	
51 Methacrylonitrile	67	4.510	4.510	0.000	91	142529	200.0	205.6	
52 Chloroform	83	4.534	4.534	0.000	99	101258	20.0	20.1	
53 Cyclohexane	56	4.681	4.681	0.000	89	71530	20.0	19.6	
54 1,1,1-Trichloroethane	97	4.693	4.693	0.000	96	82985	20.0	19.5	
$ 55 Dibromofluoromethane (Surr)	113	4.699	4.699	0.000	96	129647	50.0	50.7	
56 Carbon tetrachloride	117	4.822	4.822	0.000	96	68302	20.0	20.0	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	97	74366	20.0	19.9	
58 Isobutyl alcohol	43	4.946	4.946	0.000	97	28334	500.0	470.3	
59 Isooctane	57	5.022	5.022	0.000	98	73901	20.0	16.9	
60 Benzene	78	5.069	5.069	0.000	96	221367	20.0	19.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	128343	50.0	50.4	
62 Isopropyl acetate	61	5.104	5.104	0.000	97	17869	20.0	21.8	
63 Tert-amyl methyl ether	87	5.110	5.110	0.000	95	38308	20.0	20.2	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	98	63868	20.0	19.2	
65 n-Heptane	71	5.210	5.210	0.000	91	20152	20.0	17.5	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	511503	50.0	50.0	
67 n-Butanol	56	5.675	5.675	0.000	87	19248	500.0	471.9	
68 Trichloroethene	95	5.757	5.757	0.000	98	58067	20.0	19.6	
69 Ethyl acrylate	99	5.881	5.881	0.000	98	5905	20.0	20.8	
70 Methylcyclohexane	83	5.893	5.893	0.000	89	57246	20.0	18.8	
71 1,2-Dichloropropane	63	6.075	6.075	0.000	90	55993	20.0	19.6	
* 73 1,4-Dioxane-d8	96	6.134	6.134	0.000	0	15608	1000.0	1000.0	
72 Methyl methacrylate	69	6.145	6.151	-0.006	86	52007	40.0	40.1	
75 1,4-Dioxane	88	6.198	6.198	0.000	27	7136	400.0	421.4	
74 n-Propyl acetate	43	6.204	6.204	0.000	98	42081	20.0	19.3	
76 Dibromomethane	93	6.222	6.222	0.000	95	30244	20.0	21.1	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	73827	20.0	19.7	
79 2-Nitropropane	41	6.757	6.757	0.000	97	17890	40.0	44.2	
80 Epichlorohydrin	57	6.887	6.887	0.000	98	40751	400.0	345.3	
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	92	91271	20.0	19.2	
82 4-Methyl-2-pentanone (MIBK)	43	7.128	7.128	0.000	95	138573	100.0	97.3	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	482751	50.0	49.9	
84 Toluene	91	7.316	7.316	0.000	93	227064	20.0	19.8	
86 trans-1,3-Dichloropropene	75	7.722	7.722	0.000	96	74537	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.745	7.745	0.000	90	53046	20.0	20.8	
87 1,1,2-Trichloroethane	83	7.987	7.987	0.000	97	35566	20.0	21.3	
88 Tetrachloroethene	166	8.034	8.034	0.000	96	50790	20.0	19.2	
89 1,3-Dichloropropane	76	8.257	8.257	0.000	93	72304	20.0	20.8	
90 2-Hexanone	58	8.339	8.339	0.000	96	54043	100.0	99.1	
91 n-Butyl acetate	73	8.492	8.492	0.000	99	9522	20.0	21.8	
92 Chlorodibromomethane	129	8.563	8.563	0.000	98	49245	20.0	20.3	
93 Ethylene Dibromide	107	8.763	8.763	0.000	99	39440	20.0	19.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	86	359078	50.0	50.0	
95 Chlorobenzene	112	9.345	9.345	0.000	94	143037	20.0	19.7	
96 Ethylbenzene	106	9.433	9.433	0.000	99	76476	20.0	19.0	
97 1,1,1,2-Tetrachloroethane	131	9.445	9.445	0.000	95	50004	20.0	20.5	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	95477	20.0	19.6	
99 n-Butyl acrylate	73	9.933	9.933	0.000	99	33283	20.0	20.9	
100 o-Xylene	106	9.951	9.951	0.000	94	93627	20.0	19.8	
101 Styrene	104	9.975	9.975	0.000	96	157568	20.0	20.2	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	91	62067	20.0	20.5	
103 Bromoform	173	10.157	10.157	0.000	95	26255	20.0	20.1	
104 Isopropylbenzene	105	10.251	10.251	0.000	96	205844	20.0	19.6	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	88	138308	50.0	50.7	
107 Bromobenzene	156	10.528	10.528	0.000	98	56382	20.0	19.5	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	40394	20.0	20.4	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	271052	20.0	19.5	
110 1,2,3-Trichloropropane	110	10.592	10.592	0.000	95	11238	20.0	20.0	
109 trans-1,4-Dichloro-2-butene	53	10.604	10.604	0.000	92	11770	20.0	19.6	
112 2-Chlorotoluene	91	10.657	10.657	0.000	95	190932	20.0	19.6	
169 4-Ethyltoluene	105	10.657	10.657	0.000	90	216515	20.0	18.9	
113 1,3,5-Trimethylbenzene	105	10.704	10.704	0.000	93	174424	20.0	19.3	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	175871	20.0	19.7	
114 Butyl Methacrylate	87	10.775	10.775	0.000	90	62879	20.0	19.4	
116 tert-Butylbenzene	119	10.928	10.928	0.000	94	143785	20.0	19.4	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	98	180197	20.0	19.4	
118 sec-Butylbenzene	134	11.069	11.069	0.000	99	40326	20.0	18.7	
119 4-Isopropyltoluene	119	11.163	11.163	0.000	98	173902	20.0	18.9	
120 1,3-Dichlorobenzene	146	11.175	11.175	0.000	96	101113	20.0	19.1	
* 121 1,4-Dichlorobenzene-d4	152	11.222	11.222	0.000	96	175176	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.239	11.239	0.000	95	101950	20.0	18.7	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	99	181403	20.0	19.2	
124 Benzyl chloride	91	11.339	11.339	0.000	98	80379	20.0	20.3	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	93	168815	20.0	19.6	
164 p-Diethylbenzene	119	11.416	11.416	0.000	93	105103	20.0	19.4	
127 n-Butylbenzene	92	11.433	11.433	0.000	98	84644	20.0	19.1	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	96	89521	20.0	19.5	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	98	144127	20.0	18.6	
130 1,2-Dibromo-3-Chloropropane	157	12.069	12.069	0.000	96	5972	20.0	18.7	
131 1,3,5-Trichlorobenzene	180	12.169	12.169	0.000	97	53729	20.0	18.1	
132 1,2,4-Trichlorobenzene	180	12.698	12.698	0.000	93	42358	20.0	20.9	
133 Hexachlorobutadiene	225	12.780	12.780	0.000	94	16458	20.0	20.3	
134 Naphthalene	128	12.945	12.945	0.000	99	77584	20.0	19.6	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	94	30179	20.0	19.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.9	
S 137 Xylenes, Total	100				0		40.0	39.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
ACROLEIN W_00183	Amount Added:	4.00	Units: uL	
GASES Li_00641	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:09:13 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26561.D

Injection Date: 14-May-2025 05:27:30 Instrument ID: CVOAMS1 Operator ID:

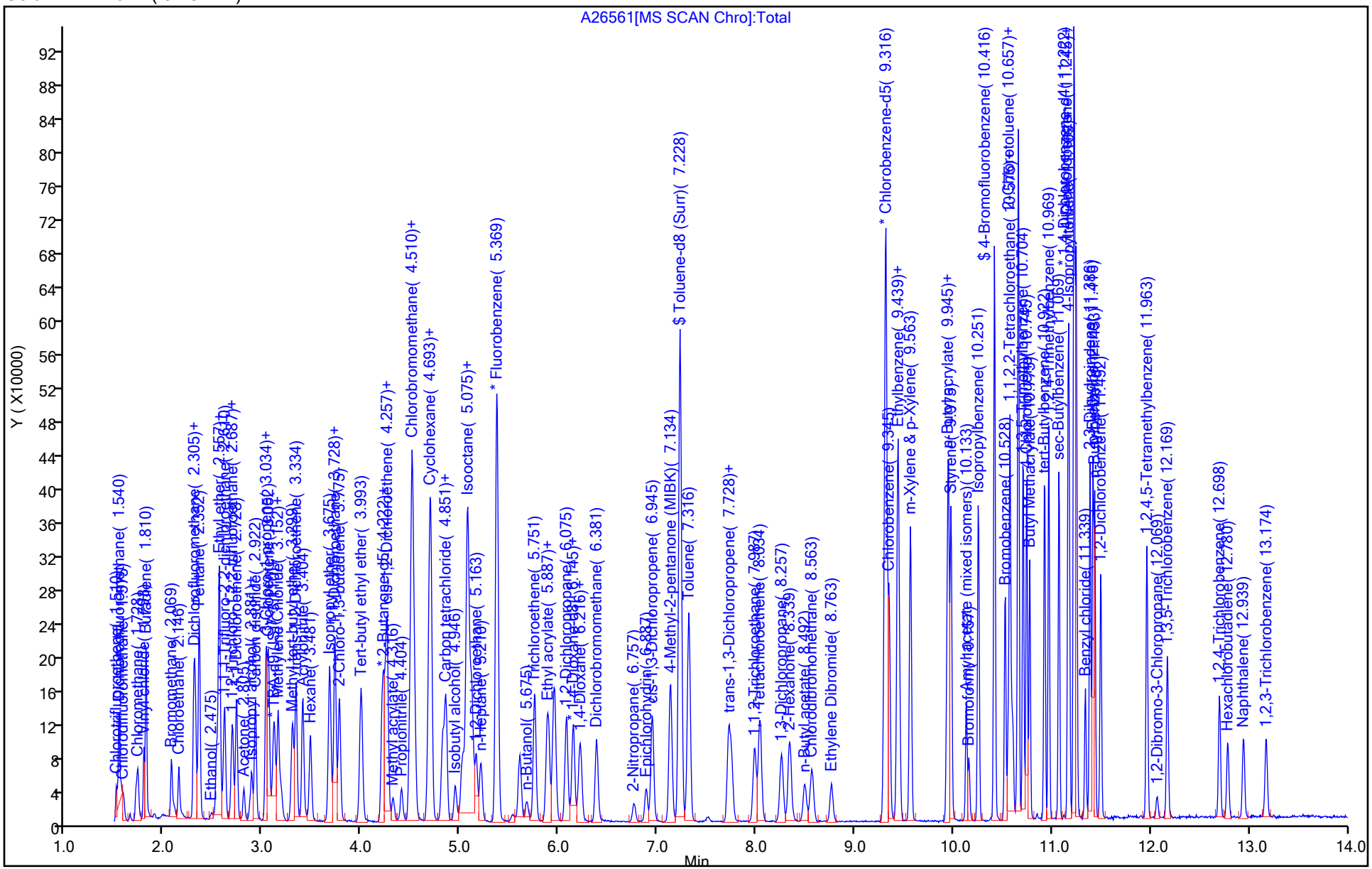
Lims ID: STD20 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

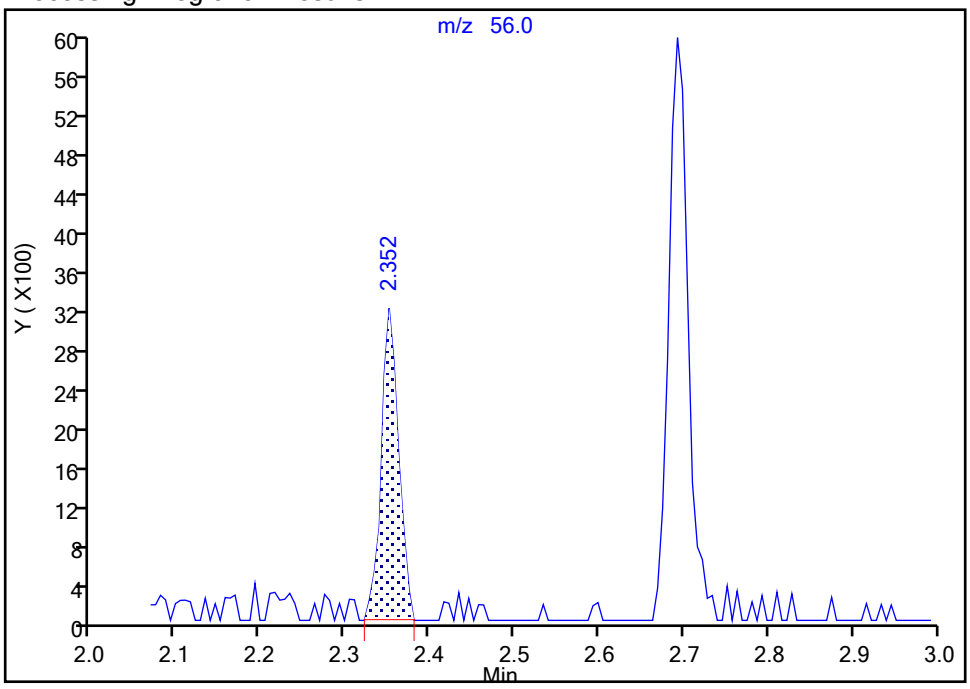
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26561.D
Injection Date: 14-May-2025 05:27:30 Instrument ID: CVOAMS1
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

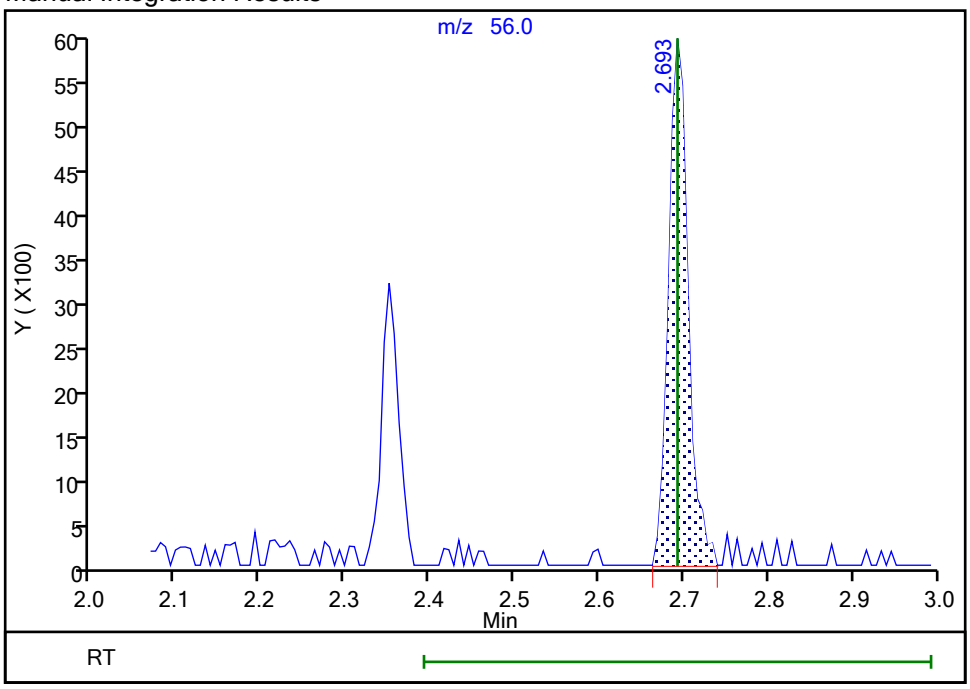
Processing Integration Results

RT: 2.35
Area: 4530
Amount: 40.404656
Amount Units: ug/l



Manual Integration Results

RT: 2.69
Area: 9620
Amount: 38.492721
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:31:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26562.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 14-May-2025 05:52:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0190761-008
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:09:25 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: HVW2 Date: 14-May-2025 06:12:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.510	1.510	0.000	92	22383	50.0	43.6	
4 Dichlorodifluoromethane	85	1.540	1.540	0.000	99	152604	50.0	43.5	
165 Chlorodifluoromethane	51	1.557	1.558	-0.001	93	126557	50.0	42.6	M
6 Chloromethane	50	1.728	1.728	0.000	99	177856	50.0	47.6	
7 Vinyl chloride	62	1.793	1.793	0.000	98	157657	50.0	48.3	
172 Butadiene	39	1.810	1.810	0.000	94	129168	50.0	43.6	
9 Bromomethane	94	2.069	2.069	0.000	99	104429	50.0	48.6	
10 Chloroethane	64	2.146	2.146	0.000	99	105274	50.0	47.9	
174 Dichlorofluoromethane	67	2.299	2.299	0.000	99	289516	50.0	48.5	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	98	201233	50.0	47.7	
13 Pentane	72	2.352	2.352	0.000	96	38950	100.0	129.9	
14 Ethanol	46	2.487	2.475	0.012	95	17010	2000.0	2011.9	
15 Ethyl ether	59	2.528	2.528	0.000	94	90703	50.0	49.0	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	83	108280	50.0	49.3	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.557	2.557	0.000	89	102636	50.0	48.2	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	96	180884	50.0	49.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	96	106848	50.0	47.1	
19 Acrolein	56	2.693	2.693	0.000	90	23642	100.0	98.9	a
21 1,1-Dichloroethene	96	2.728	2.728	0.000	98	117717	50.0	48.5	
22 Acetone	58	2.804	2.810	-0.006	87	30116	250.0	219.8	
24 Isopropyl alcohol	45	2.863	2.863	0.000	95	42800	500.0	480.3	
23 Iodomethane	142	2.881	2.887	-0.006	98	163807	50.0	53.8	
25 Carbon disulfide	76	2.922	2.922	0.000	99	408854	50.0	50.7	
27 Methyl acetate	43	3.028	3.028	0.000	69	98973	100.0	96.8	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	93	83197	50.0	48.9	
166 Cyclopentene	67	3.052	3.052	0.000	89	328052	50.0	49.4	
29 Acetonitrile	41	3.093	3.099	-0.006	97	96181	500.0	503.0	
* 30 TBA-d9 (IS)	65	3.116	3.110	0.006	0	118664	1000.0	1000.0	
31 Methylene Chloride	84	3.152	3.152	0.000	91	141886	50.0	50.3	
32 2-Methyl-2-propanol	59	3.181	3.181	0.000	99	68935	500.0	491.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.299	3.299	0.000	97	297114	50.0	49.4	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	94	141406	50.0	50.7	
35 Acrylonitrile	53	3.404	3.404	0.000	94	248978	500.0	471.4	
36 Hexane	43	3.481	3.481	0.000	92	68127	50.0	45.4	
37 Isopropyl ether	45	3.675	3.675	0.000	97	391683	50.0	49.5	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	80	254538	50.0	50.8	
39 Vinyl acetate	86	3.728	3.728	0.000	99	38359	100.0	101.8	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	90	121520	50.0	50.3	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	89	370767	50.0	50.5	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	135602	250.0	250.0	
43 2,2-Dichloropropane	97	4.234	4.222	0.012	94	49151	50.0	50.3	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	98	155147	50.0	49.3	
46 Ethyl acetate	70	4.257	4.257	0.000	93	18454	100.0	98.6	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	96	40783	250.0	211.6	
47 Methyl acrylate	55	4.316	4.316	0.000	100	68566	50.0	47.2	
48 Propionitrile	54	4.404	4.404	0.000	99	98919	500.0	491.5	
50 Chlorobromomethane	128	4.487	4.487	0.000	87	65309	50.0	50.9	
49 Tetrahydrofuran	42	4.498	4.493	0.005	86	53746	100.0	99.2	
51 Methacrylonitrile	67	4.510	4.510	0.000	91	348347	500.0	504.7	
52 Chloroform	83	4.534	4.534	0.000	99	246153	50.0	49.1	
53 Cyclohexane	56	4.681	4.681	0.000	89	175469	50.0	48.2	
54 1,1,1-Trichloroethane	97	4.693	4.693	0.000	98	208448	50.0	49.2	
$ 55 Dibromofluoromethane (Surr)	113	4.698	4.699	0.000	96	127871	50.0	50.3	
56 Carbon tetrachloride	117	4.822	4.822	0.000	97	170478	50.0	50.1	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	97	185907	50.0	50.0	
58 Isobutyl alcohol	43	4.946	4.946	0.000	95	69780	1250.0	1167.0	
59 Isooctane	57	5.022	5.022	0.000	98	182768	50.0	41.9	
60 Benzene	78	5.069	5.069	0.000	96	547704	50.0	48.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	127428	50.0	50.3	
62 Isopropyl acetate	61	5.098	5.104	-0.006	99	35502	50.0	46.9	
63 Tert-amyl methyl ether	87	5.116	5.110	0.006	98	94198	50.0	49.8	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	97	151863	50.0	45.9	
65 n-Heptane	71	5.210	5.210	0.000	90	49295	50.0	43.0	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	509282	50.0	50.0	
67 n-Butanol	56	5.669	5.675	-0.006	87	46999	1250.0	1161.0	
68 Trichloroethene	95	5.757	5.757	0.000	99	145553	50.0	49.4	
69 Ethyl acrylate	99	5.875	5.881	-0.006	98	13746	50.0	48.6	
70 Methylcyclohexane	83	5.887	5.893	-0.006	94	144734	50.0	47.7	
71 1,2-Dichloropropane	63	6.075	6.075	0.000	91	137729	50.0	48.5	
* 73 1,4-Dioxane-d8	96	6.134	6.134	0.000	0	15912	1000.0	1000.0	a
72 Methyl methacrylate	69	6.145	6.151	-0.006	89	122734	100.0	95.0	
75 1,4-Dioxane	88	6.198	6.198	0.000	29	16960	1000.0	982.5	
74 n-Propyl acetate	43	6.204	6.204	0.000	97	103730	50.0	47.8	
76 Dibromomethane	93	6.222	6.222	0.000	97	70272	50.0	49.2	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	182672	50.0	48.8	
79 2-Nitropropane	41	6.763	6.757	0.006	96	38364	100.0	96.7	
80 Epichlorohydrin	57	6.881	6.887	-0.006	99	104884	1000.0	907.5	
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	92	228818	50.0	49.0	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.128	0.006	95	334467	250.0	239.7	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	477771	50.0	50.3	
84 Toluene	91	7.316	7.316	0.000	94	565007	50.0	50.1	
86 trans-1,3-Dichloropropene	75	7.716	7.722	-0.006	97	182190	50.0	48.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.751	7.745	0.006	88	126117	50.0	49.6	
87 1,1,2-Trichloroethane	83	7.986	7.987	-0.001	97	85946	50.0	52.5	
88 Tetrachloroethene	166	8.039	8.034	0.005	97	125831	50.0	48.4	
89 1,3-Dichloropropane	76	8.257	8.257	0.000	92	170866	50.0	50.2	
90 2-Hexanone	58	8.339	8.339	0.000	96	128414	250.0	240.4	
91 n-Butyl acetate	73	8.492	8.492	0.000	98	22392	50.0	52.3	
92 Chlorodibromomethane	129	8.563	8.563	0.000	96	120061	50.0	50.3	
93 Ethylene Dibromide	107	8.763	8.763	0.000	98	95354	50.0	48.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	352316	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	94	352212	50.0	49.5	
96 Ethylbenzene	106	9.433	9.433	0.000	98	193621	50.0	49.0	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.445	0.006	96	125734	50.0	52.5	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	238985	50.0	50.1	
99 n-Butyl acrylate	73	9.933	9.933	0.000	98	74962	50.0	47.9	
100 o-Xylene	106	9.951	9.951	0.000	93	232065	50.0	49.9	
101 Styrene	104	9.975	9.975	0.000	96	390499	50.0	51.0	
102 Amyl acetate (mixed isomers)	43	10.128	10.133	-0.005	91	143056	50.0	48.0	
103 Bromoform	173	10.157	10.157	0.000	95	64633	50.0	50.5	
104 Isopropylbenzene	105	10.251	10.251	0.000	96	513920	50.0	49.8	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	88	136192	50.0	50.9	
107 Bromobenzene	156	10.528	10.528	0.000	98	139389	50.0	49.1	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	97455	50.0	50.1	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	669988	50.0	49.1	
110 1,2,3-Trichloropropane	110	10.592	10.592	0.000	97	28418	50.0	51.4	
109 trans-1,4-Dichloro-2-butene	53	10.604	10.604	0.000	91	28205	50.0	47.8	
112 2-Chlorotoluene	91	10.657	10.657	0.000	95	469607	50.0	48.9	
169 4-Ethyltoluene	105	10.657	10.657	0.000	89	550946	50.0	48.8	
113 1,3,5-Trimethylbenzene	105	10.710	10.704	0.006	93	437490	50.0	49.3	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	423888	50.0	48.4	
114 Butyl Methacrylate	87	10.775	10.775	0.000	89	155660	50.0	48.7	
116 tert-Butylbenzene	119	10.927	10.928	-0.001	94	361021	50.0	49.5	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	98	453637	50.0	49.6	
118 sec-Butylbenzene	134	11.075	11.069	0.006	99	100516	50.0	47.4	
119 4-Isopropyltoluene	119	11.163	11.163	0.000	98	434154	50.0	48.0	
120 1,3-Dichlorobenzene	146	11.175	11.175	0.000	96	256434	50.0	49.2	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.222	0.005	95	172212	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.239	11.239	0.000	94	254416	50.0	47.4	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	99	451457	50.0	48.6	
124 Benzyl chloride	91	11.339	11.339	0.000	99	194213	50.0	49.8	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	95	406958	50.0	48.0	
164 p-Diethylbenzene	119	11.416	11.416	0.000	92	249310	50.0	46.7	
127 n-Butylbenzene	92	11.433	11.433	0.000	98	208688	50.0	47.9	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	95	217801	50.0	48.3	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	97	351114	50.0	46.1	
130 1,2-Dibromo-3-Chloropropane	157	12.069	12.069	0.000	95	16016	50.0	51.1	
131 1,3,5-Trichlorobenzene	180	12.174	12.169	0.005	96	132308	50.0	45.3	
132 1,2,4-Trichlorobenzene	180	12.698	12.698	0.000	94	103593	50.0	52.5	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	92	41970	50.0	53.9	
134 Naphthalene	128	12.945	12.945	0.000	99	192675	50.0	50.6	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	94	74037	50.0	49.3	
S 136 1,2-Dichloroethene, Total	100				0		100.0	100.0	
S 137 Xylenes, Total	100				0		100.0	99.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00205	Amount Added:	50.00	Units: uL	
524FREONS_00033	Amount Added:	50.00	Units: uL	
ACROLEIN W_00183	Amount Added:	10.00	Units: uL	
GASES Li_00641	Amount Added:	50.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:09:26 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26562.D

Injection Date: 14-May-2025 05:52:30 Instrument ID: CVOAMS1 Operator ID:

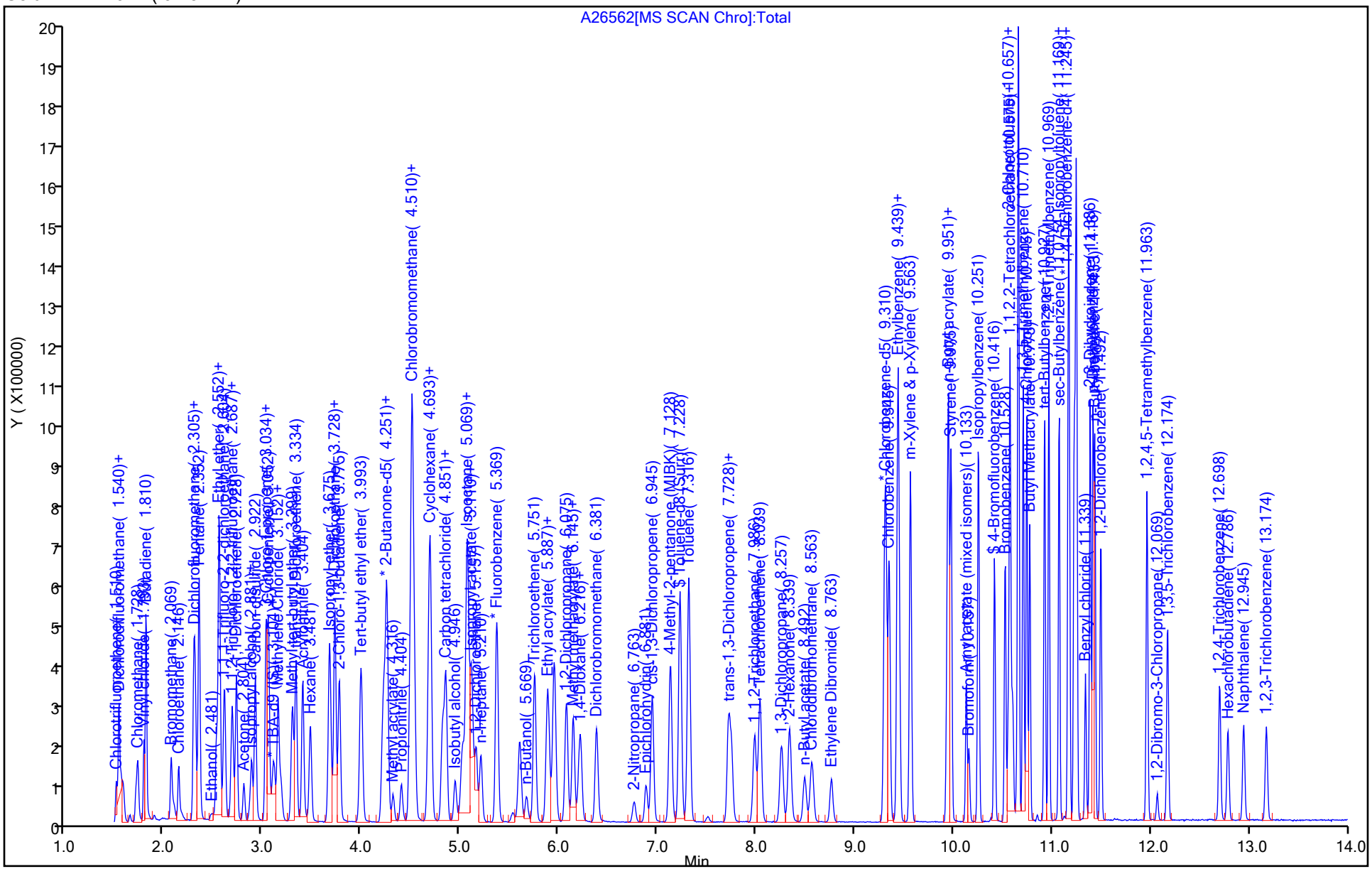
Lims ID: STD50 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

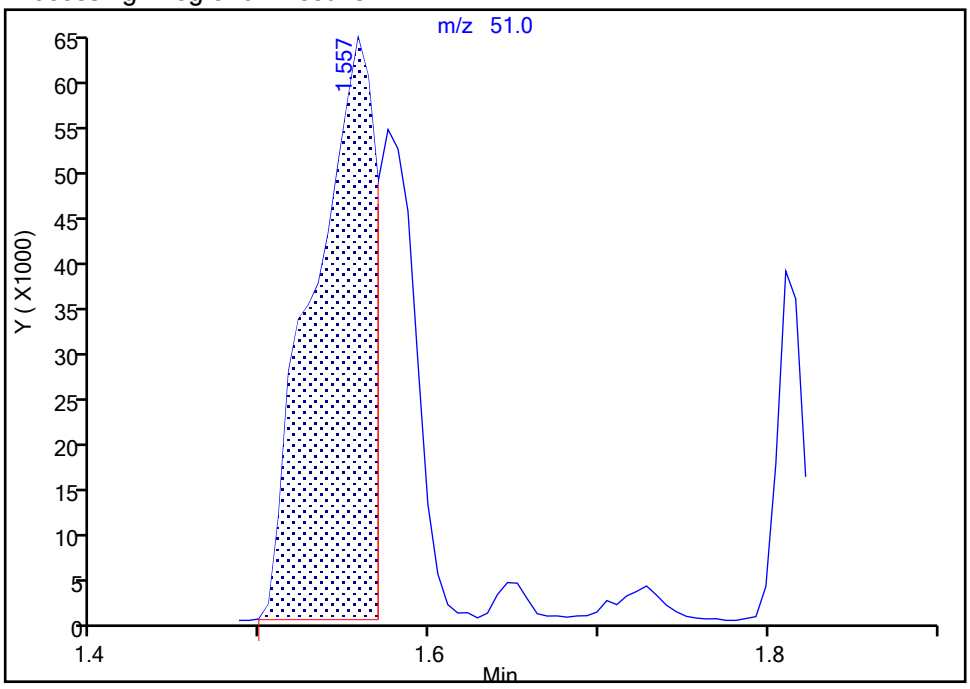
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26562.D
Injection Date: 14-May-2025 05:52:30 Instrument ID: CVOAMS1
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

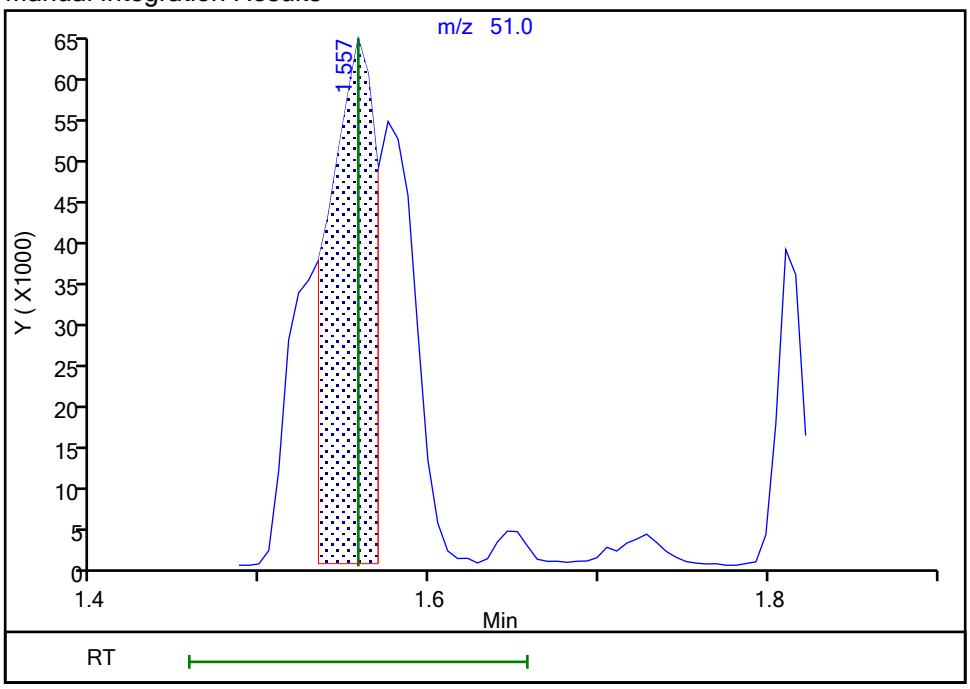
Processing Integration Results

RT: 1.56
Area: 164612
Amount: 51.517476
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 126557
Amount: 42.602864
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:28:30 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

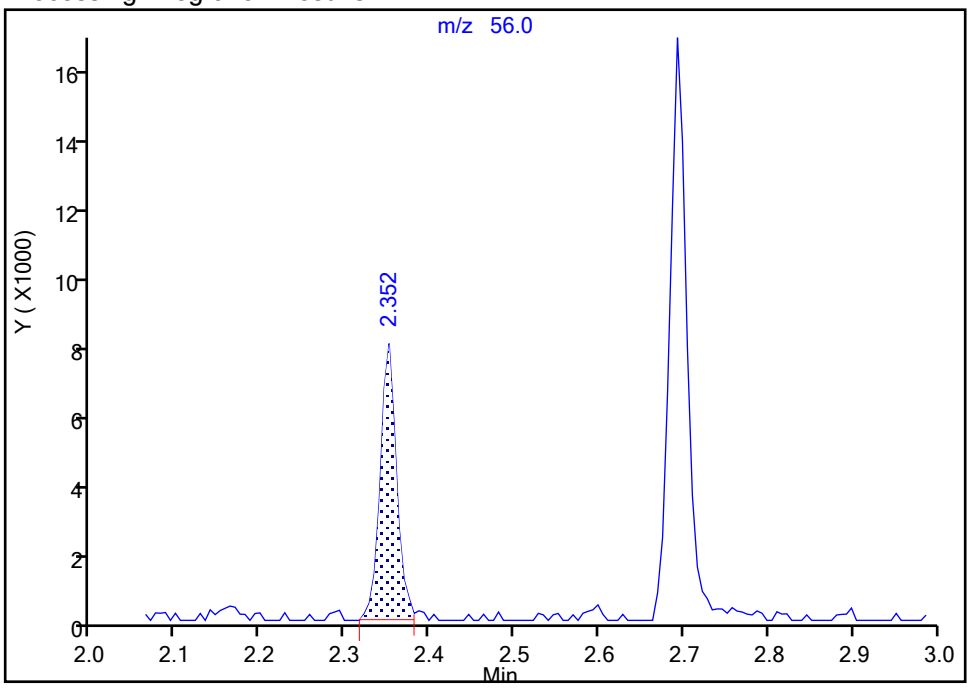
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26562.D
Injection Date: 14-May-2025 05:52:30 Instrument ID: CVOAMS1
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

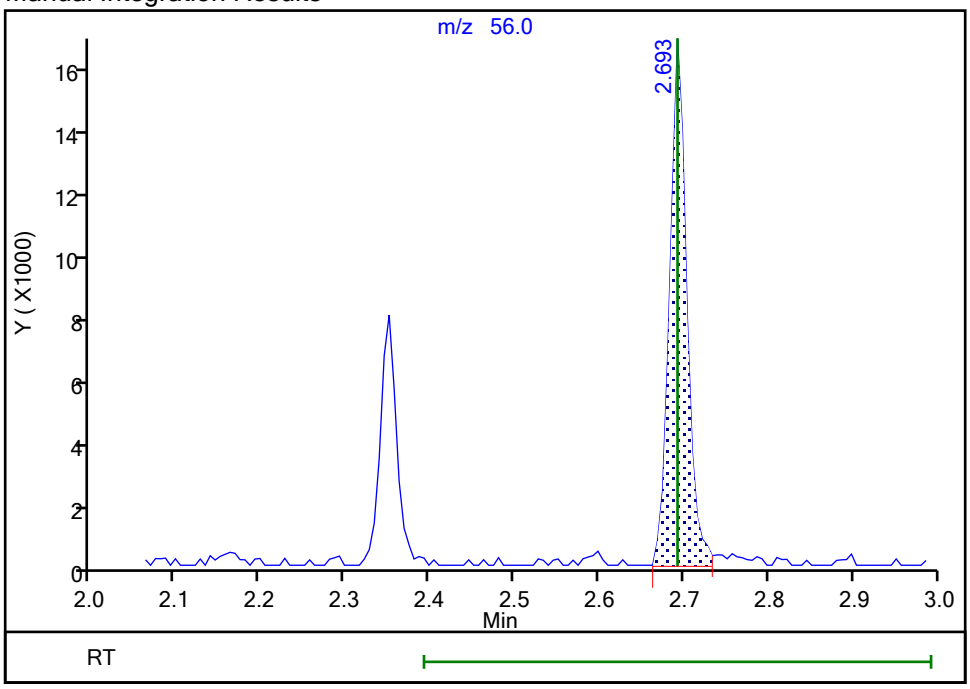
Processing Integration Results

RT: 2.35
Area: 10740
Amount: 80.276518
Amount Units: ug/l



Manual Integration Results

RT: 2.69
Area: 23642
Amount: 98.923159
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:32:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

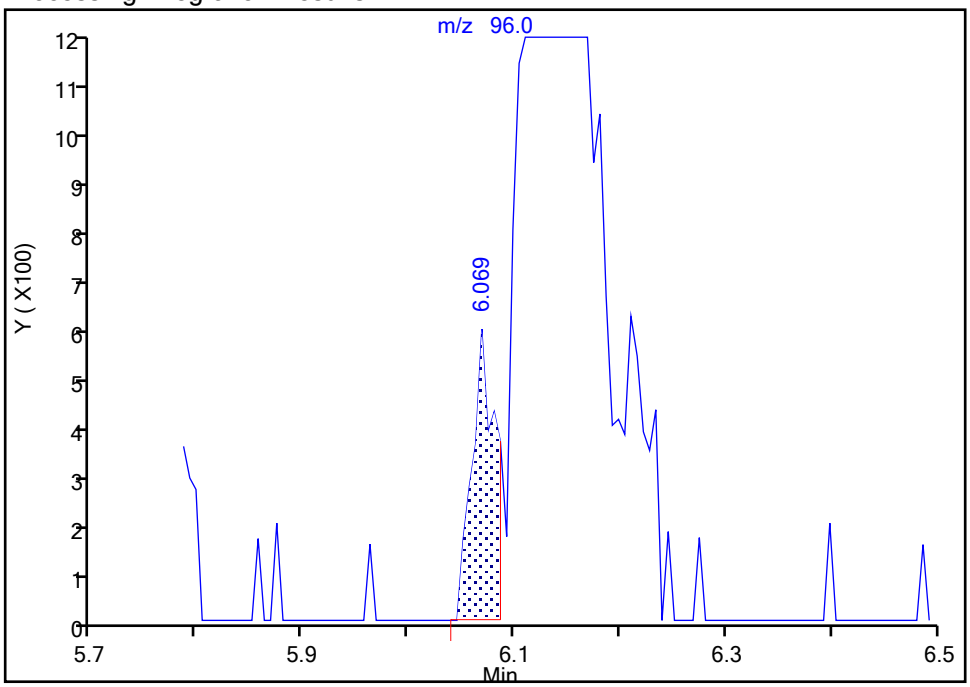
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26562.D
Injection Date: 14-May-2025 05:52:30 Instrument ID: CVOAMS1
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

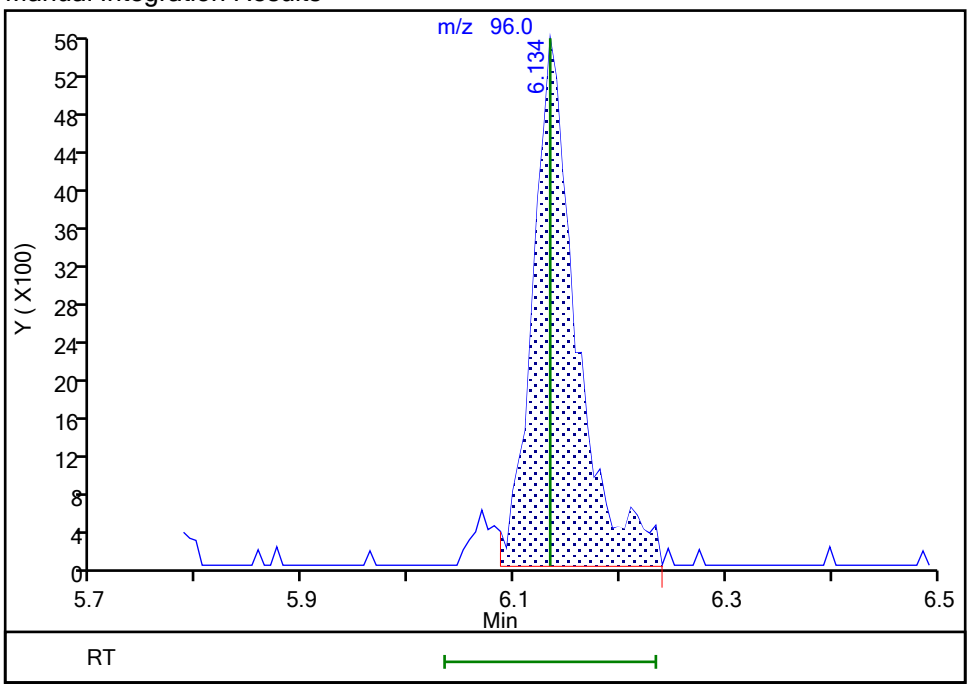
Processing Integration Results

RT: 6.07
Area: 885
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.13
Area: 15912
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:28:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26563.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 14-May-2025 06:16:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0190761-009
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:09:39 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: HVW2 Date: 14-May-2025 06:41:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.510	1.510	0.000	92	108654	200.0	214.6	
4 Dichlorodifluoromethane	85	1.534	1.540	-0.006	99	688345	200.0	198.8	
165 Chlorodifluoromethane	51	1.557	1.558	-0.001	97	615975	200.0	210.2	
6 Chloromethane	50	1.728	1.728	0.000	99	759237	200.0	205.9	
7 Vinyl chloride	62	1.793	1.793	0.000	98	653870	200.0	203.0	
172 Butadiene	39	1.816	1.810	0.006	94	517891	200.0	177.0	
9 Bromomethane	94	2.069	2.069	0.000	99	455654	200.0	214.8	
10 Chloroethane	64	2.146	2.146	0.000	99	430246	200.0	198.4	
174 Dichlorofluoromethane	67	2.298	2.299	-0.001	99	1147143	200.0	194.8	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	97	789317	200.0	189.7	
13 Pentane	72	2.351	2.352	-0.001	96	119256	400.0	388.0	
14 Ethanol	46	2.475	2.475	0.000	100	64987	8000.0	8106.2	
15 Ethyl ether	59	2.528	2.528	0.000	96	360874	200.0	200.6	
16 2-Methyl-1,3-butadiene	53	2.551	2.552	-0.001	96	370861	200.0	171.4	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.557	2.557	0.000	91	393178	200.0	187.1	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	97	681293	200.0	188.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	95	380359	200.0	169.9	
19 Acrolein	56	2.693	2.693	0.000	92	48354	200.0	212.3	a
21 1,1-Dichloroethene	96	2.728	2.728	0.000	98	423859	200.0	177.2	
22 Acetone	58	2.804	2.810	-0.006	87	165375	1000.0	1248.4	
24 Isopropyl alcohol	45	2.863	2.863	0.000	100	158460	2000.0	1841.8	
23 Iodomethane	142	2.887	2.887	0.000	98	672993	200.0	224.0	
25 Carbon disulfide	76	2.922	2.922	0.000	99	1246556	200.0	156.9	
27 Methyl acetate	43	3.028	3.028	0.000	83	391022	400.0	396.3	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	93	319963	200.0	190.6	
166 Cyclopentene	67	3.051	3.052	-0.001	94	1061316	200.0	161.9	
29 Acetonitrile	41	3.093	3.099	-0.006	99	383806	2000.0	2078.8	
* 30 TBA-d9 (IS)	65	3.116	3.110	0.006	0	114564	1000.0	1000.0	
31 Methylene Chloride	84	3.151	3.152	-0.001	90	537415	200.0	193.0	
32 2-Methyl-2-propanol	59	3.181	3.181	0.000	98	270470	2000.0	1997.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.298	3.299	-0.001	96	1192412	200.0	200.9	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	93	504355	200.0	183.3	
35 Acrylonitrile	53	3.404	3.404	0.000	94	1050318	2000.0	2016.4	
36 Hexane	43	3.481	3.481	0.000	92	204578	200.0	138.2	
37 Isopropyl ether	45	3.675	3.675	0.000	98	1502429	200.0	192.7	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	82	956820	200.0	193.8	
39 Vinyl acetate	86	3.728	3.728	0.000	99	148025	400.0	406.9	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	91	430067	200.0	180.6	
41 Tert-butyl ethyl ether	59	3.993	3.993	-0.001	89	1421789	200.0	196.2	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	131125	250.0	250.0	
43 2,2-Dichloropropane	97	4.228	4.222	0.006	95	183685	200.0	190.7	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	96	589730	200.0	189.8	
46 Ethyl acetate	70	4.257	4.257	0.000	93	71921	400.0	400.6	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	97	188655	1000.0	1012.1	
47 Methyl acrylate	55	4.316	4.316	0.000	100	266963	200.0	186.2	
48 Propionitrile	54	4.404	4.404	0.000	98	380214	2000.0	1956.7	
50 Chlorobromomethane	128	4.487	4.487	0.000	80	251959	200.0	199.1	
49 Tetrahydrofuran	42	4.492	4.493	-0.001	54	214588	400.0	417.3	
51 Methacrylonitrile	67	4.510	4.510	0.000	90	1377772	2000.0	2023.8	
52 Chloroform	83	4.534	4.534	0.000	99	955351	200.0	193.2	
53 Cyclohexane	56	4.681	4.681	0.000	89	573663	200.0	159.9	
54 1,1,1-Trichloroethane	97	4.692	4.693	-0.001	98	779164	200.0	186.4	
$ 55 Dibromofluoromethane (Surr)	113	4.698	4.699	0.000	96	123251	50.0	49.1	
56 Carbon tetrachloride	117	4.822	4.822	0.000	97	628278	200.0	187.4	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	98	667966	200.0	182.0	
58 Isobutyl alcohol	43	4.945	4.946	-0.001	96	278370	5000.0	4822.2	
59 Isooctane	57	5.022	5.022	0.000	99	631850	200.0	146.8	
60 Benzene	78	5.069	5.069	0.000	95	2074877	200.0	180.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	125008	50.0	50.0	
62 Isopropyl acetate	61	5.098	5.104	-0.006	98	139400	200.0	196.7	
63 Tert-amyl methyl ether	87	5.116	5.110	0.006	92	364085	200.0	195.1	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	97	593130	200.0	181.7	
65 n-Heptane	71	5.210	5.210	0.000	90	157591	200.0	139.4	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	502322	50.0	50.0	
67 n-Butanol	56	5.669	5.675	-0.006	85	188737	5000.0	4829.0	
68 Trichloroethene	95	5.751	5.757	-0.006	99	546568	200.0	188.0	
69 Ethyl acrylate	99	5.875	5.881	-0.006	98	50207	200.0	179.8	
70 Methylcyclohexane	83	5.892	5.893	-0.001	93	492669	200.0	164.5	
71 1,2-Dichloropropane	63	6.075	6.075	0.000	91	537065	200.0	191.6	
* 73 1,4-Dioxane-d8	96	6.139	6.134	0.005	0	14668	1000.0	1000.0	Ma
72 Methyl methacrylate	69	6.145	6.151	-0.006	88	474035	400.0	372.0	
75 1,4-Dioxane	88	6.198	6.198	0.000	29	70436	4000.0	4426.5	
74 n-Propyl acetate	43	6.204	6.204	0.000	98	415056	200.0	194.0	
76 Dibromomethane	93	6.222	6.222	0.000	98	278442	200.0	197.7	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	724573	200.0	196.4	
79 2-Nitropropane	41	6.763	6.757	0.006	96	156034	400.0	402.9	
80 Epichlorohydrin	57	6.886	6.887	-0.001	99	459113	4000.0	4107.9	
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	92	889854	200.0	186.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.133	7.128	0.005	95	1346295	1000.0	997.9	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	99	488656	50.0	50.3	
84 Toluene	91	7.316	7.316	0.000	93	2176166	200.0	188.7	
86 trans-1,3-Dichloropropene	75	7.722	7.722	0.000	98	739507	200.0	191.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.751	7.745	0.006	88	505040	200.0	201.2	
87 1,1,2-Trichloroethane	83	7.980	7.987	-0.007	97	349544	200.0	208.8	
88 Tetrachloroethene	166	8.039	8.034	0.005	97	481028	200.0	181.0	
89 1,3-Dichloropropane	76	8.257	8.257	0.000	92	693683	200.0	199.1	
90 2-Hexanone	58	8.339	8.339	0.000	95	552656	1000.0	1069.9	
91 n-Butyl acetate	73	8.492	8.492	0.000	99	88603	200.0	202.0	
92 Chlorodibromomethane	129	8.563	8.563	0.000	98	489342	200.0	199.9	
93 Ethylene Dibromide	107	8.763	8.763	0.000	99	387576	200.0	194.4	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	360541	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	94	1391645	200.0	191.2	
96 Ethylbenzene	106	9.439	9.433	0.006	98	756581	200.0	187.1	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.445	0.006	95	523128	200.0	213.5	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	910873	200.0	186.4	
99 n-Butyl acrylate	73	9.933	9.933	0.000	97	310799	200.0	194.2	
100 o-Xylene	106	9.951	9.951	0.000	93	915828	200.0	192.4	
101 Styrene	104	9.974	9.975	-0.001	95	1546632	200.0	197.3	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	91	578445	200.0	189.5	
103 Bromoform	173	10.157	10.157	0.000	95	274549	200.0	209.7	
104 Isopropylbenzene	105	10.257	10.251	0.006	96	1997823	200.0	189.1	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	88	136033	50.0	49.7	
107 Bromobenzene	156	10.527	10.528	-0.001	98	560099	200.0	192.6	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	399068	200.0	200.0	
108 N-Propylbenzene	91	10.574	10.575	-0.001	99	2589957	200.0	185.1	
110 1,2,3-Trichloropropane	110	10.592	10.592	0.000	97	115058	200.0	202.9	
109 trans-1,4-Dichloro-2-butene	53	10.604	10.604	0.000	92	111865	200.0	184.8	
112 2-Chlorotoluene	91	10.657	10.657	0.000	96	1861366	200.0	189.3	
169 4-Ethyltoluene	105	10.663	10.657	0.006	89	2180404	200.0	188.5	
113 1,3,5-Trimethylbenzene	105	10.710	10.704	0.006	93	1734360	200.0	190.7	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	1659714	200.0	184.9	
114 Butyl Methacrylate	87	10.774	10.775	-0.001	88	628304	200.0	191.9	
116 tert-Butylbenzene	119	10.927	10.928	-0.001	94	1408030	200.0	188.5	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	97	1838098	200.0	196.2	
118 sec-Butylbenzene	134	11.074	11.069	0.005	99	383517	200.0	176.6	
119 4-Isopropyltoluene	119	11.163	11.163	0.000	98	1770652	200.0	191.1	
120 1,3-Dichlorobenzene	146	11.174	11.175	-0.001	97	1049279	200.0	196.5	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.222	0.005	95	176505	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.239	11.239	0.000	94	1052628	200.0	191.3	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	98	1868106	200.0	196.0	
124 Benzyl chloride	91	11.339	11.339	0.000	99	802629	200.0	200.8	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	94	1650394	200.0	190.0	
164 p-Diethylbenzene	119	11.416	11.416	0.000	92	1008222	200.0	184.4	
127 n-Butylbenzene	92	11.433	11.433	0.000	98	828099	200.0	185.4	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	96	904219	200.0	195.7	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	97	1501479	200.0	192.4	
130 1,2-Dibromo-3-Chloropropane	157	12.068	12.069	-0.001	97	69473	200.0	216.4	
131 1,3,5-Trichlorobenzene	180	12.174	12.169	0.005	97	568408	200.0	189.9	
132 1,2,4-Trichlorobenzene	180	12.698	12.698	0.000	94	449107	200.0	210.6	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	93	172739	200.0	208.2	
134 Naphthalene	128	12.945	12.945	0.000	99	802718	200.0	208.4	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	96	315073	200.0	200.3	
S 136 1,2-Dichloroethene, Total	100				0		400.0	373.2	
S 137 Xylenes, Total	100				0		400.0	378.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00183	Amount Added:	20.00	Units: uL	
GAS Hi_00495	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00161	Amount Added:	20.00	Units: uL	
MIX I Hi_00188	Amount Added:	20.00	Units: uL	
Ethanol mix_00101	Amount Added:	20.00	Units: uL	
7 Freons Hi_00027	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:09:39 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26563.D

Injection Date: 14-May-2025 06:16:30 Instrument ID: CVOAMS1 Operator ID:

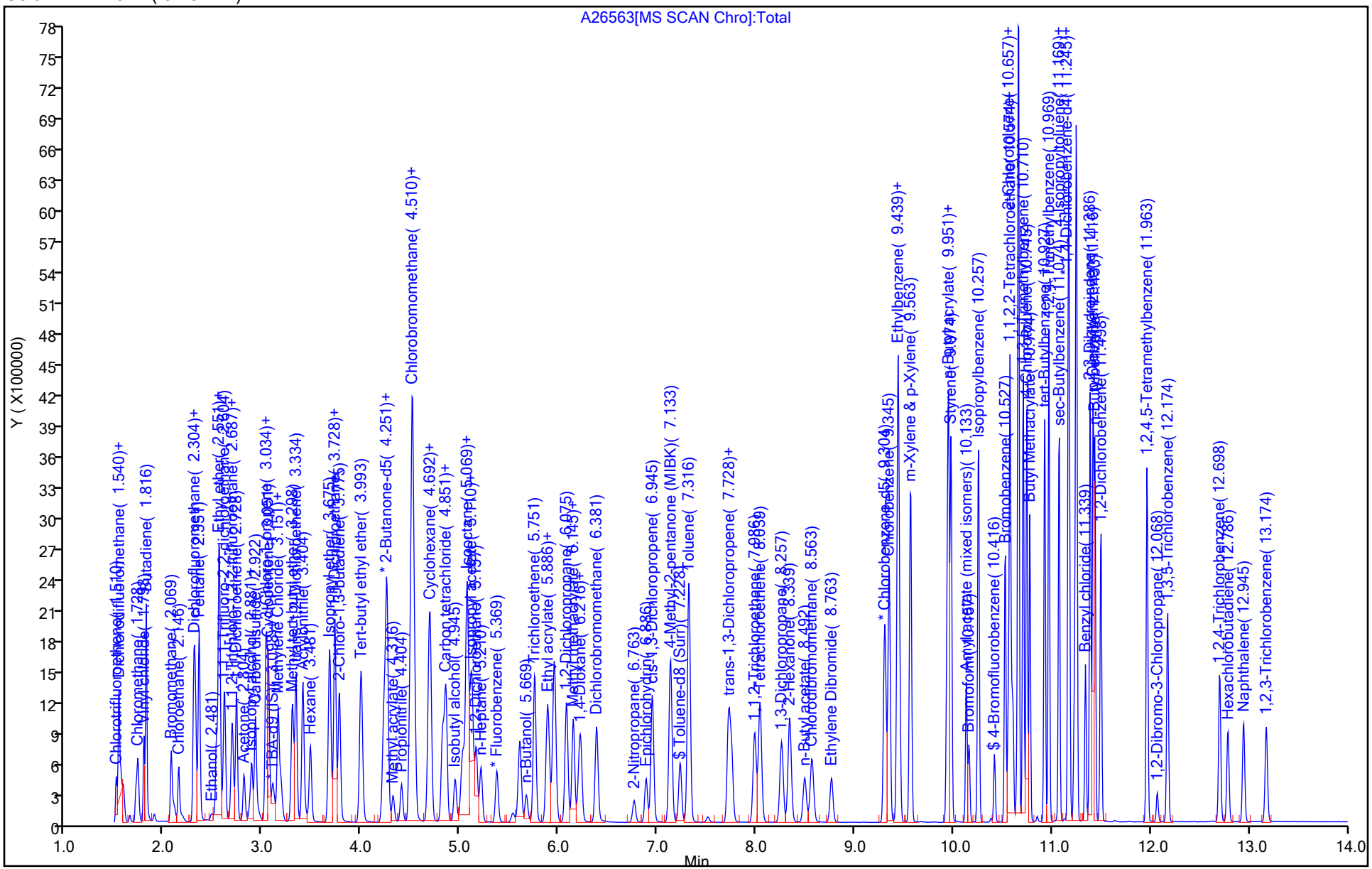
Lims ID: STD200 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

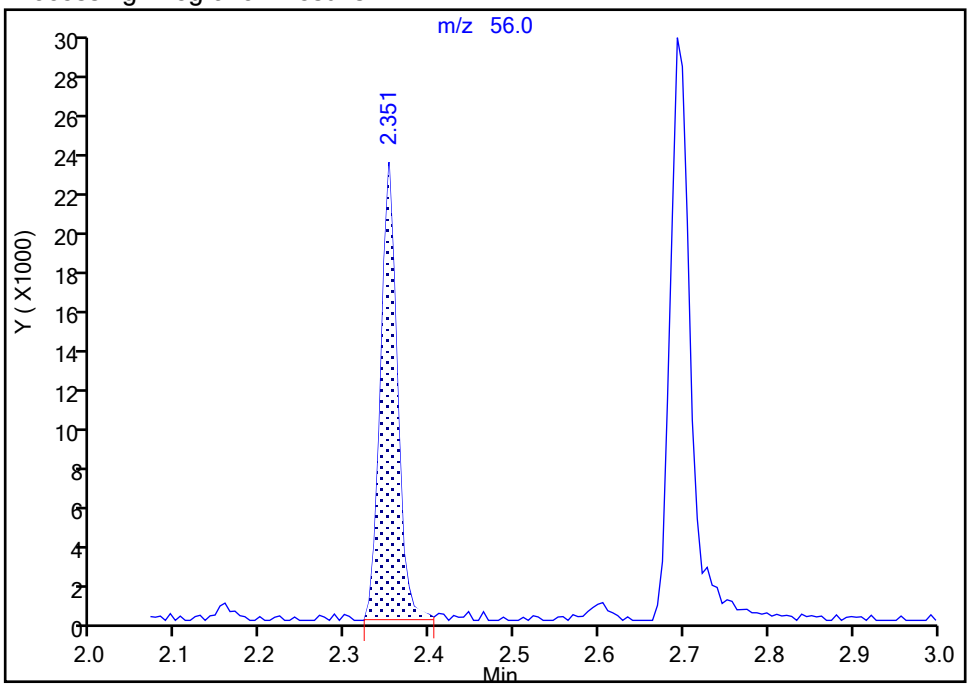
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26563.D
Injection Date: 14-May-2025 06:16:30 Instrument ID: CVOAMS1
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

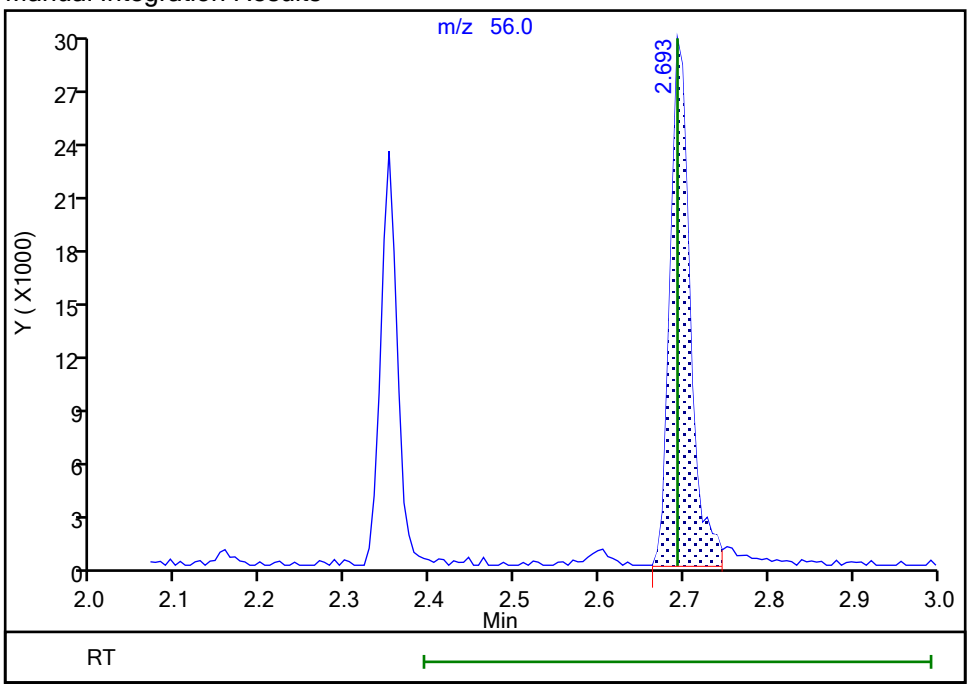
Processing Integration Results

RT: 2.35
Area: 31777
Amount: 167.0371
Amount Units: ug/l



Manual Integration Results

RT: 2.69
Area: 48354
Amount: 212.2972
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:32:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

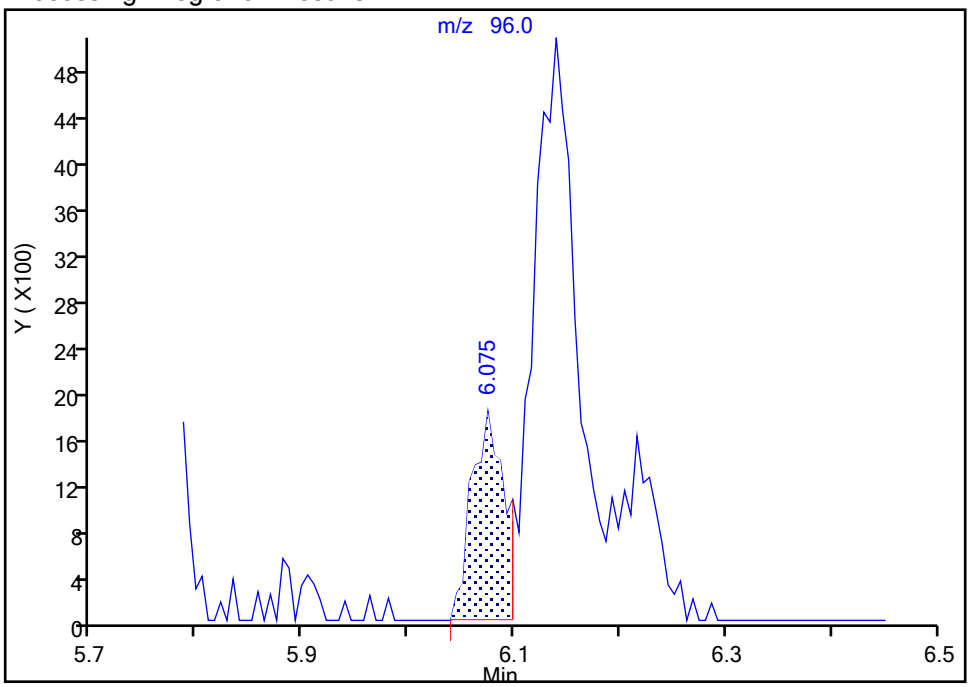
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26563.D
Injection Date: 14-May-2025 06:16:30 Instrument ID: CVOAMS1
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

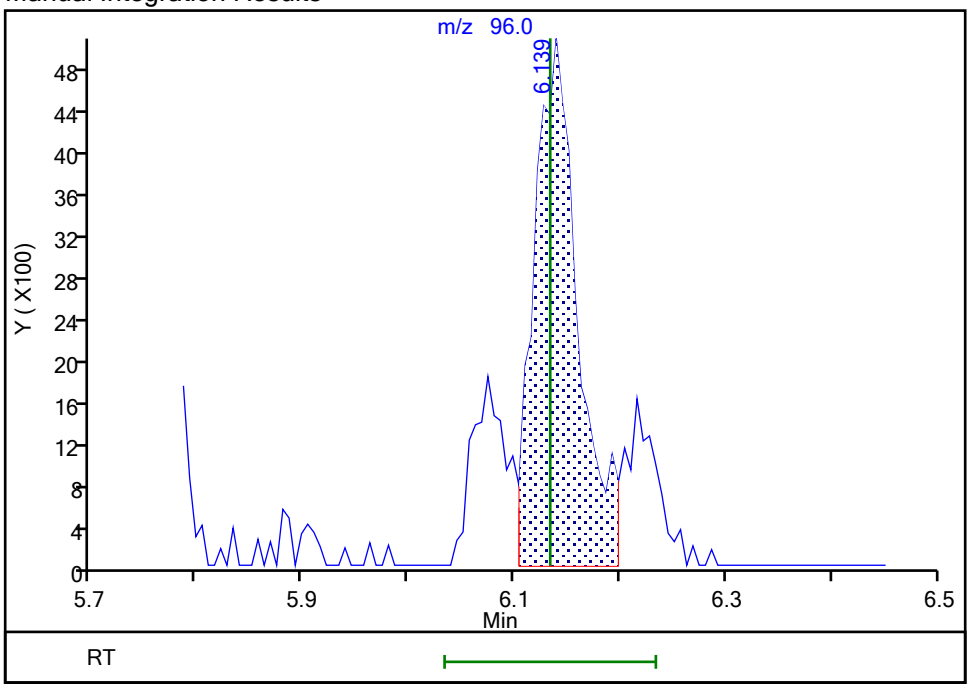
Processing Integration Results

RT: 6.07
Area: 3939
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.14
Area: 14668
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:29:29 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26564.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 14-May-2025 06:40:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0190761-010
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:09:52 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: KG2Q Date: 14-May-2025 11:19:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.505	1.510	-0.005	93	325840	500.0	632.1	
4 Dichlorodifluoromethane	85	1.534	1.540	-0.006	99	1957459	500.0	555.1	
165 Chlorodifluoromethane	51	1.558	1.558	0.000	93	1467493	500.0	491.9	M
6 Chloromethane	50	1.728	1.728	0.000	99	1922528	500.0	512.0	
7 Vinyl chloride	62	1.793	1.793	0.000	98	1700583	500.0	518.6	
172 Butadiene	39	1.816	1.810	0.006	94	1396615	500.0	468.9	
9 Bromomethane	94	2.063	2.069	-0.006	99	1277997	500.0	591.8	
10 Chloroethane	64	2.140	2.146	-0.006	99	1108492	500.0	501.9	
174 Dichlorofluoromethane	67	2.293	2.299	-0.006	99	2899349	500.0	483.6	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	98	2179251	500.0	514.3	
13 Pentane	72	2.352	2.352	0.000	96	367694	1000.0	1001.3	
14 Ethanol	46	2.481	2.475	0.006	98	168641	20000	20115	
15 Ethyl ether	59	2.528	2.528	0.000	96	917702	500.0	502.4	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	95	1041362	500.0	472.6	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.557	2.557	0.000	91	1095153	500.0	511.7	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	97	1838973	500.0	499.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	96	1091670	500.0	478.8	
19 Acrolein	56	2.693	2.693	0.000	93	103985	400.0	437.6	a
21 1,1-Dichloroethene	96	2.728	2.728	0.000	98	1127074	500.0	462.8	
22 Acetone	58	2.810	2.810	0.000	87	423559	2500.0	2991.0	
24 Isopropyl alcohol	45	2.869	2.863	0.006	99	420979	5000.0	4662.2	
23 Iodomethane	142	2.881	2.887	-0.006	98	1796798	500.0	587.3	
25 Carbon disulfide	76	2.922	2.922	0.000	99	3255406	500.0	402.3	
27 Methyl acetate	43	3.028	3.028	0.000	75	1044742	1000.0	1008.8	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	97	795068	500.0	465.0	
166 Cyclopentene	67	3.052	3.052	0.000	94	2915020	500.0	436.8	
29 Acetonitrile	41	3.093	3.099	-0.006	98	969426	5000.0	5003.1	
* 30 TBA-d9 (IS)	65	3.116	3.110	0.006	0	120236	1000.0	1000.0	
31 Methylene Chloride	84	3.152	3.152	0.000	90	1362247	500.0	480.6	
32 2-Methyl-2-propanol	59	3.181	3.181	0.000	97	690403	5000.0	4857.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.299	3.299	0.000	96	3037119	500.0	502.6	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	93	1302537	500.0	465.0	
35 Acrylonitrile	53	3.404	3.404	0.000	95	2745145	5000.0	5175.7	
36 Hexane	43	3.481	3.481	0.000	92	552943	500.0	367.0	
37 Isopropyl ether	45	3.675	3.675	0.000	97	3793955	500.0	477.8	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	85	2450409	500.0	487.3	
39 Vinyl acetate	86	3.728	3.728	0.000	99	380695	1000.0	997.1	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	90	1141485	500.0	470.7	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	89	3657584	500.0	495.7	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	140176	250.0	250.0	
43 2,2-Dichloropropane	97	4.228	4.222	0.006	94	483892	500.0	493.5	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	97	1546436	500.0	488.9	
46 Ethyl acetate	70	4.257	4.257	0.000	94	189348	1000.0	999.9	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	98	489815	2500.0	2458.2	
47 Methyl acrylate	55	4.316	4.316	0.000	100	689611	500.0	472.3	
48 Propionitrile	54	4.410	4.404	0.006	98	982681	5000.0	4818.6	
50 Chlorobromomethane	128	4.493	4.487	0.006	87	672687	500.0	522.0	
49 Tetrahydrofuran	42	4.493	4.493	0.000	57	542495	1000.0	990.1	
51 Methacrylonitrile	67	4.516	4.510	0.006	88	3626617	5000.0	5231.9	
52 Chloroform	83	4.534	4.534	0.000	99	2448050	500.0	486.1	
53 Cyclohexane	56	4.681	4.681	0.000	89	1586981	500.0	434.5	
54 1,1,1-Trichloroethane	97	4.693	4.693	0.000	98	2050856	500.0	481.8	
$ 55 Dibromofluoromethane (Surr)	113	4.704	4.699	0.006	95	130193	50.0	51.0	
56 Carbon tetrachloride	117	4.822	4.822	0.000	97	1691393	500.0	495.4	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	98	1745508	500.0	467.2	
58 Isobutyl alcohol	43	4.951	4.946	0.005	97	736050	12500	12149	
59 Isooctane	57	5.022	5.022	0.000	99	1772540	500.0	404.5	
60 Benzene	78	5.069	5.069	0.000	95	5228146	500.0	424.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	127772	50.0	50.2	
62 Isopropyl acetate	61	5.098	5.104	-0.006	98	366568	500.0	513.3	
63 Tert-amyl methyl ether	87	5.116	5.110	0.006	98	943036	500.0	496.3	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	97	1480252	500.0	445.5	
65 n-Heptane	71	5.210	5.210	0.000	90	432747	500.0	375.9	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	511476	50.0	50.0	
67 n-Butanol	56	5.675	5.675	0.000	86	509703	12500	12426	
68 Trichloroethene	95	5.751	5.757	-0.006	99	1442175	500.0	487.3	
69 Ethyl acrylate	99	5.881	5.881	0.000	98	137799	500.0	484.7	
70 Methylcyclohexane	83	5.893	5.893	0.000	89	1386296	500.0	454.6	
71 1,2-Dichloropropane	63	6.075	6.075	0.000	92	1360705	500.0	476.8	
* 73 1,4-Dioxane-d8	96	6.140	6.134	0.006	0	14836	1000.0	1000.0	a
72 Methyl methacrylate	69	6.145	6.151	-0.006	85	1240585	1000.0	956.1	
75 1,4-Dioxane	88	6.198	6.198	0.000	29	187416	10000	11645	
74 n-Propyl acetate	43	6.204	6.204	0.000	99	1065113	500.0	488.9	
76 Dibromomethane	93	6.222	6.222	0.000	98	722907	500.0	504.0	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	1859908	500.0	495.1	
79 2-Nitropropane	41	6.763	6.757	0.006	95	409514	1000.0	1040.6	
80 Epichlorohydrin	57	6.887	6.887	0.000	99	1288546	10000	10785	
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	97	2340874	500.0	456.4	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.128	0.006	95	3430657	2500.0	2378.7	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	499929	50.0	48.0	
84 Toluene	91	7.322	7.316	0.006	94	5713218	500.0	461.8	
86 trans-1,3-Dichloropropene	75	7.722	7.722	0.000	98	1953909	500.0	472.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.751	7.745	0.006	88	1306669	500.0	511.3	
87 1,1,2-Trichloroethane	83	7.987	7.987	0.000	97	912583	500.0	508.3	
88 Tetrachloroethene	166	8.039	8.034	0.005	97	1314462	500.0	461.0	
89 1,3-Dichloropropane	76	8.257	8.257	0.000	92	1814009	500.0	485.3	
90 2-Hexanone	58	8.339	8.339	0.000	95	1428091	2500.0	2586.1	
91 n-Butyl acetate	73	8.498	8.492	0.006	99	234290	500.0	498.1	
92 Chlorodibromomethane	129	8.569	8.563	0.006	98	1298780	500.0	494.4	
93 Ethylene Dibromide	107	8.763	8.763	0.000	98	1008465	500.0	471.5	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	84	386724	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	95	3754643	500.0	480.8	
96 Ethylbenzene	106	9.439	9.433	0.006	98	2064407	500.0	476.0	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.445	0.006	96	1402015	500.0	533.4	
98 m-Xylene & p-Xylene	106	9.569	9.563	0.006	0	2402737	500.0	458.5	
99 n-Butyl acrylate	73	9.933	9.933	0.000	98	858983	500.0	500.3	
100 o-Xylene	106	9.951	9.951	0.000	93	2469865	500.0	483.8	
101 Styrene	104	9.981	9.975	0.005	96	4077422	500.0	485.0	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	91	1530008	500.0	476.8	
103 Bromoform	173	10.157	10.157	0.000	96	745800	500.0	531.0	
104 Isopropylbenzene	105	10.257	10.251	0.006	96	5398592	500.0	476.4	
$ 105 4-Bromofluorobenzene	174	10.422	10.416	0.006	90	145558	50.0	49.6	
107 Bromobenzene	156	10.528	10.528	0.000	97	1576732	500.0	515.7	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	1101477	500.0	525.2	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	6967005	500.0	473.5	
110 1,2,3-Trichloropropane	110	10.598	10.592	0.006	97	315247	500.0	528.8	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.604	0.006	89	304806	500.0	479.0	
112 2-Chlorotoluene	91	10.663	10.657	0.006	95	5064019	500.0	489.8	
169 4-Ethyltoluene	105	10.663	10.657	0.006	89	5990480	500.0	492.5	
113 1,3,5-Trimethylbenzene	105	10.710	10.704	0.006	94	4657089	500.0	487.0	
115 4-Chlorotoluene	91	10.745	10.745	0.000	97	4452742	500.0	471.9	
114 Butyl Methacrylate	87	10.780	10.775	0.005	86	1687455	500.0	490.3	
116 tert-Butylbenzene	119	10.928	10.928	0.000	94	3824747	500.0	487.2	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	98	4906551	500.0	498.2	
118 sec-Butylbenzene	134	11.075	11.069	0.006	98	1060300	500.0	464.3	
119 4-Isopropyltoluene	119	11.169	11.163	0.006	97	4800137	500.0	492.7	
120 1,3-Dichlorobenzene	146	11.180	11.175	0.005	97	2929024	500.0	521.8	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.222	0.005	96	185554	50.0	50.0	a
122 1,4-Dichlorobenzene	146	11.245	11.239	0.006	95	2954705	500.0	510.7	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	98	4998444	500.0	498.9	
124 Benzyl chloride	91	11.345	11.339	0.006	99	2116527	500.0	503.6	
162 2,3-Dihydroindene	117	11.392	11.386	0.006	94	4323679	500.0	473.6	
164 p-Diethylbenzene	119	11.422	11.416	0.006	93	2687979	500.0	467.6	
127 n-Butylbenzene	92	11.439	11.433	0.006	98	2134427	500.0	454.7	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	96	2409203	500.0	496.1	
163 1,2,4,5-Tetramethylbenzene	119	11.969	11.963	0.006	97	3928404	500.0	479.0	
130 1,2-Dibromo-3-Chloropropane	157	12.069	12.069	0.000	96	180746	500.0	535.6	
131 1,3,5-Trichlorobenzene	180	12.174	12.169	0.005	97	1514286	500.0	481.3	
132 1,2,4-Trichlorobenzene	180	12.704	12.698	0.006	94	1213343	500.0	489.2	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	93	468548	500.0	490.4	
134 Naphthalene	128	12.945	12.945	0.000	99	2230780	500.0	552.1	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	95	861015	500.0	500.0	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	953.9	
S 137 Xylenes, Total	100				0		1000.0	942.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00495	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00161	Amount Added:	50.00	Units: uL	
MIX I Hi_00188	Amount Added:	50.00	Units: uL	
Ethanol mix_00101	Amount Added:	50.00	Units: uL	
7 Freons Hi_00027	Amount Added:	50.00	Units: uL	
ACROLEIN W_00183	Amount Added:	40.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:09:52 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26564.D

Injection Date: 14-May-2025 06:40:30 Instrument ID: CVOAMS1 Operator ID:

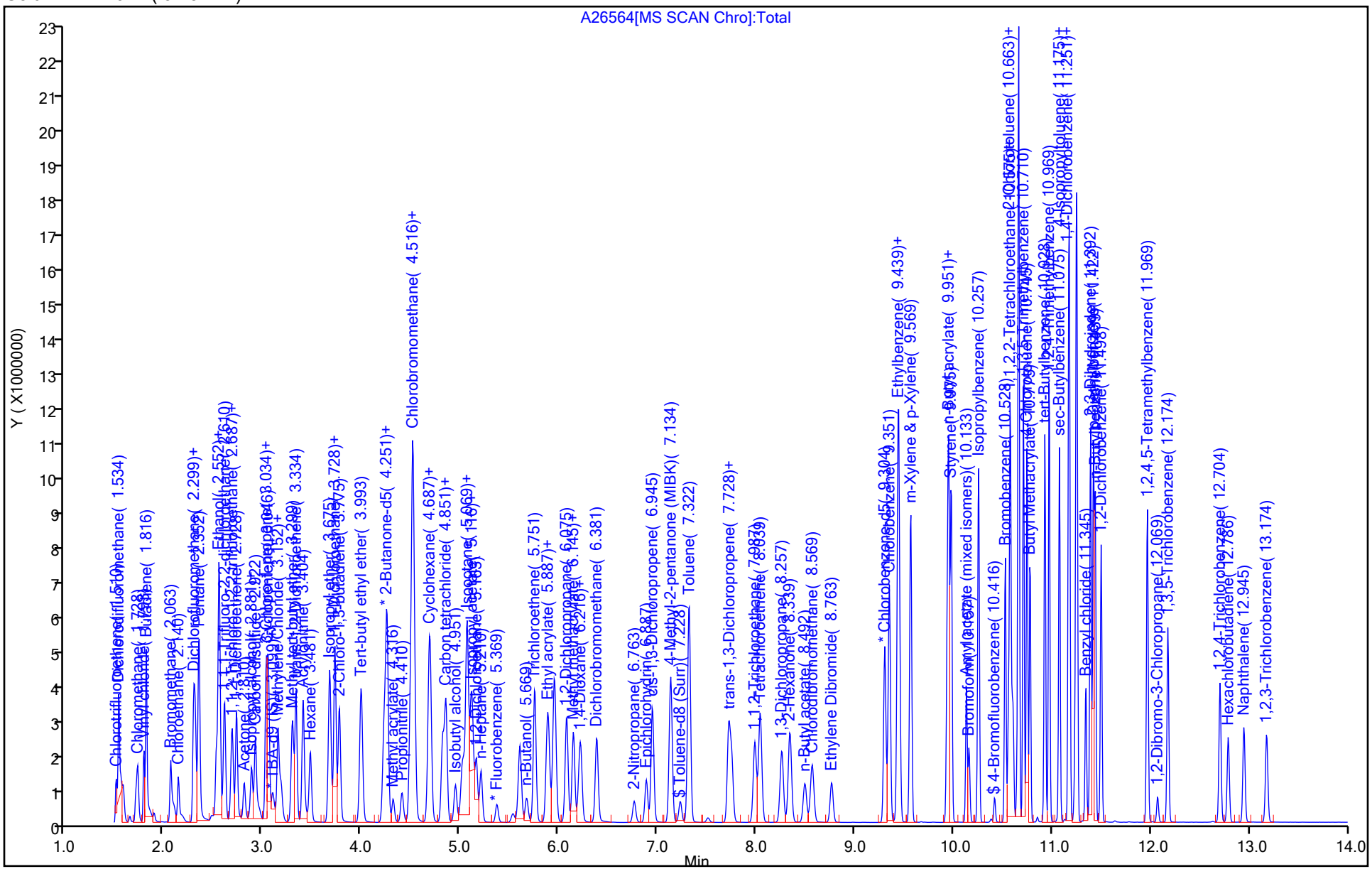
Lims ID: STD500 Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

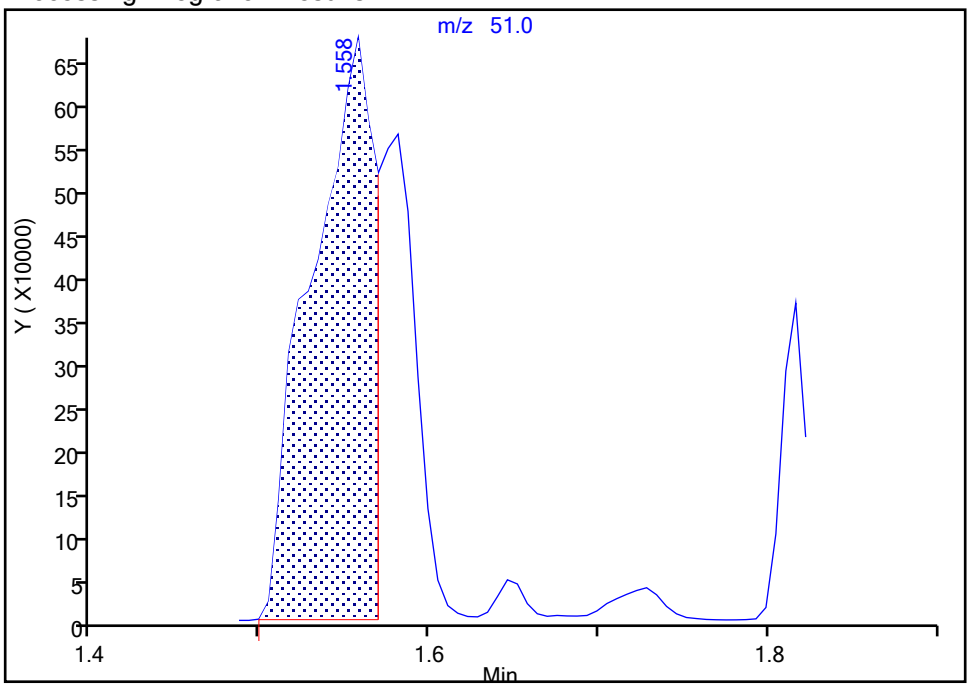
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26564.D
Injection Date: 14-May-2025 06:40:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

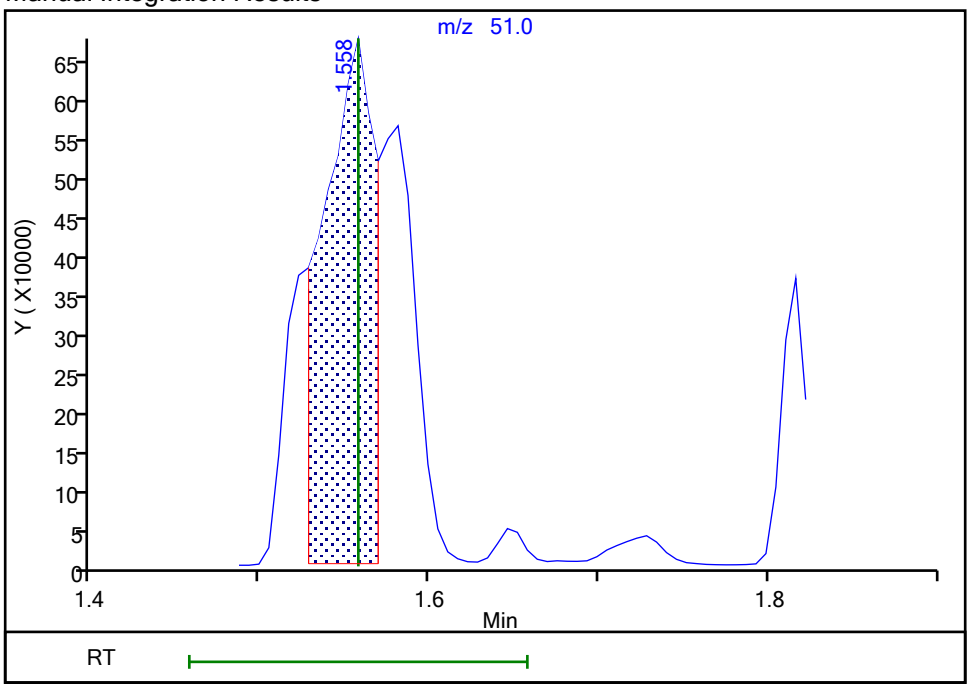
Processing Integration Results

RT: 1.56
Area: 1762137
Amount: 571.8190
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 1467493
Amount: 491.8829
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:30:45 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

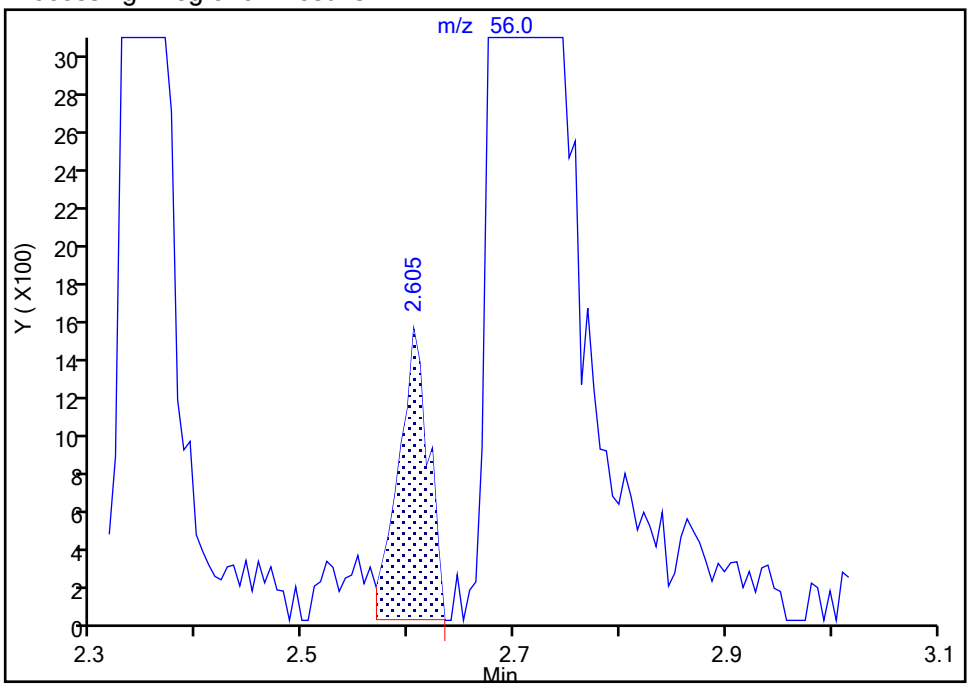
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26564.D
Injection Date: 14-May-2025 06:40:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

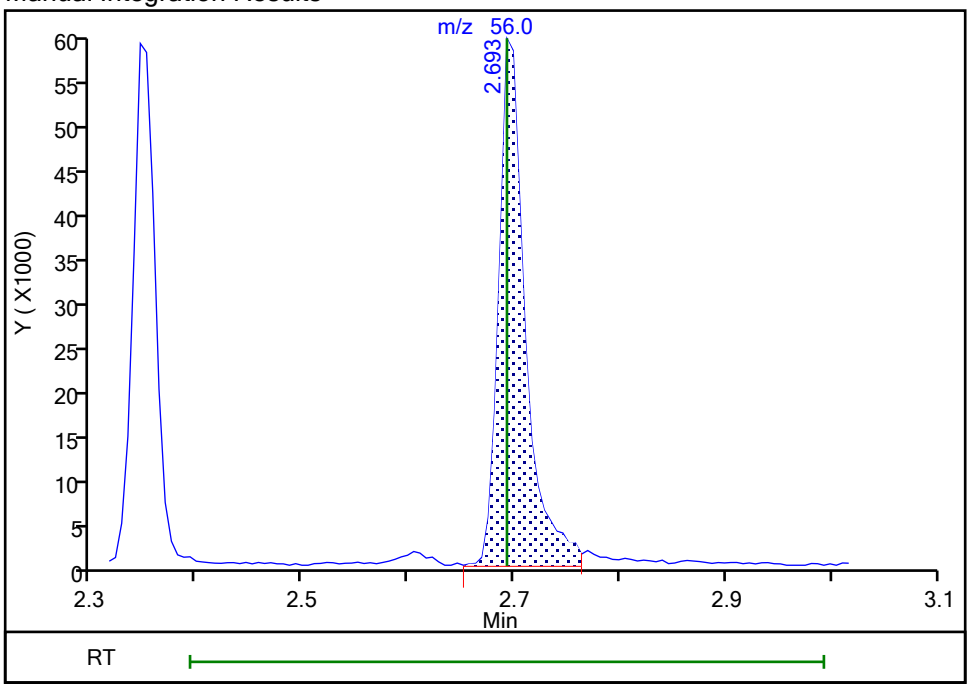
Processing Integration Results

RT: 2.60
Area: 3077
Amount: 31.417073
Amount Units: ug/l



Manual Integration Results

RT: 2.69
Area: 103985
Amount: 437.5703
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:33:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

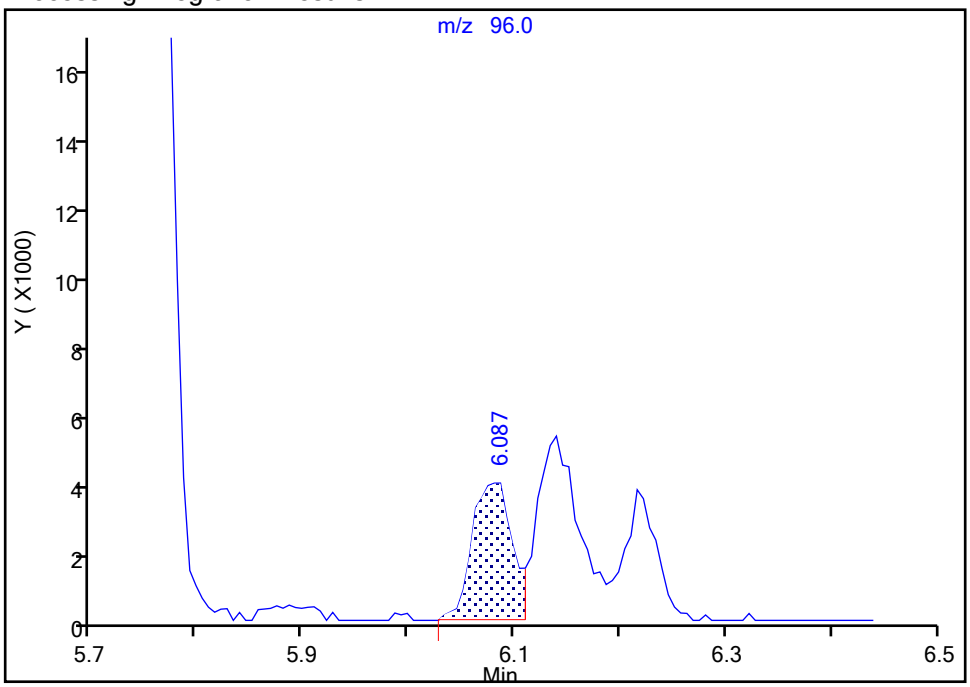
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26564.D
Injection Date: 14-May-2025 06:40:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

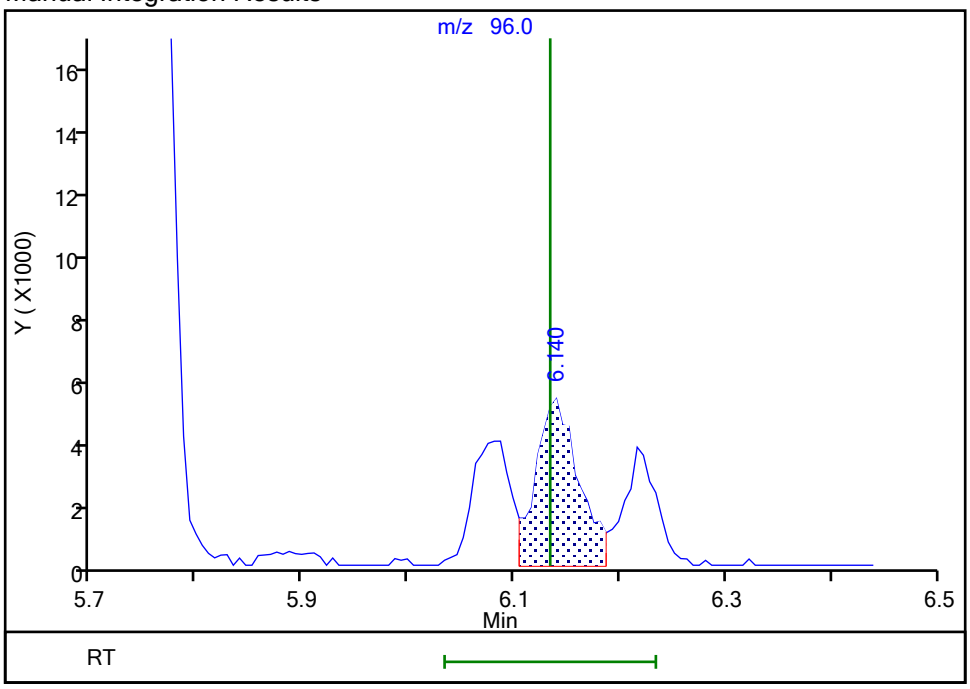
Processing Integration Results

RT: 6.09
Area: 10395
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.14
Area: 14836
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:30:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

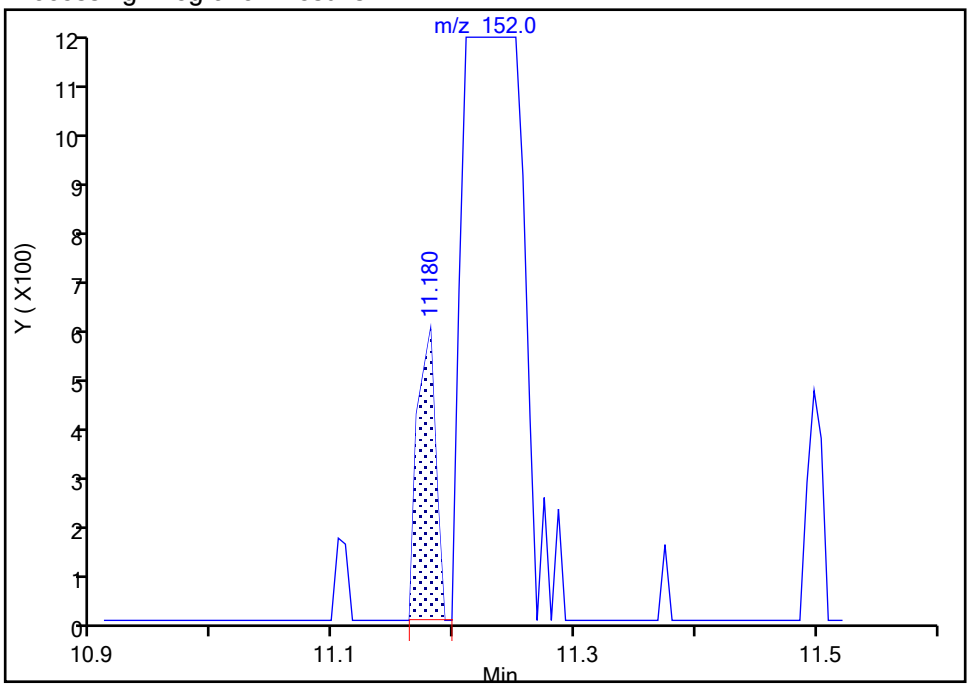
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26564.D
Injection Date: 14-May-2025 06:40:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 121 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

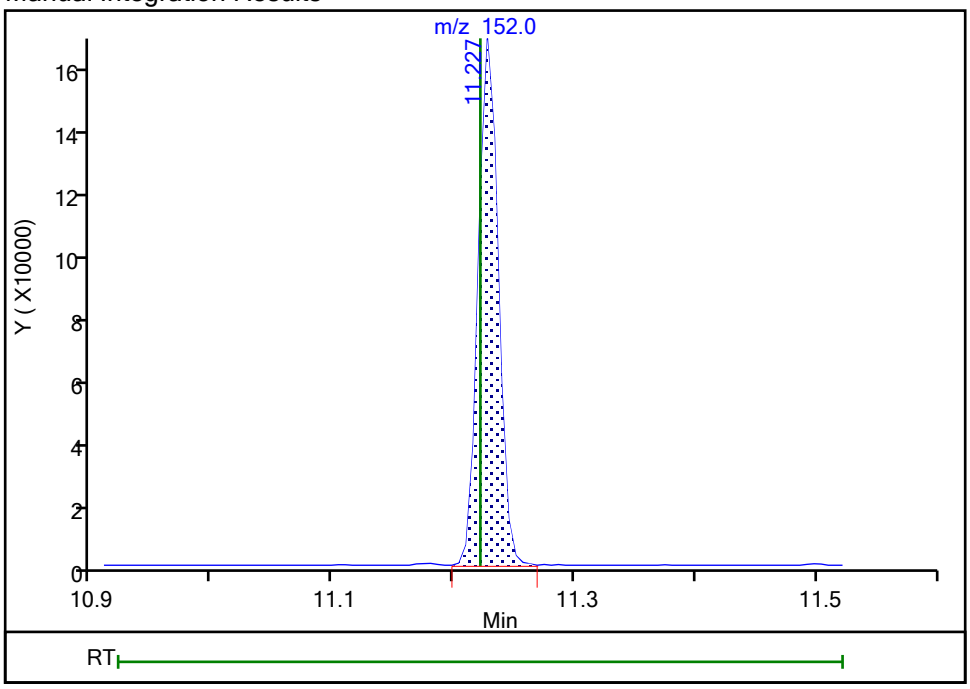
Processing Integration Results

RT: 11.18
Area: 612
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 11.23
Area: 185554
Amount: 50.000000
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:30:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 14-May-2025 10:21:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0190761-019
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:10:06 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: KG2Q Date: 14-May-2025 11:27:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.116	3.110	0.006	0	139095	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	146299	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.698	4.699	0.000	96	132990	50.0	49.9	
60 Benzene	78	5.063	5.069	-0.006	41	2909	0.2000	0.2502	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	130987	50.0	49.3	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	23	943	0.2000	0.2720	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	533651	50.0	50.0	
68 Trichloroethene	95	5.751	5.757	-0.006	87	686	0.2000	0.2221	
71 1,2-Dichloropropane	63	6.075	6.075	0.000	1	636	0.2000	0.2136	
* 73 1,4-Dioxane-d8	96	6.134	6.134	0.000	0	14955	1000.0	1000.0	
77 Dichlorobromomethane	83	6.369	6.381	-0.012	1	857	0.2000	0.2186	a
81 cis-1,3-Dichloropropene	75	6.940	6.945	-0.005	3	1179	0.2000	0.2432	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	499047	50.0	50.7	
86 trans-1,3-Dichloropropene	75	7.716	7.722	-0.006	1	931	0.2000	0.2383	a
87 1,1,2-Trichloroethane	83	7.998	7.987	0.011	1	217	0.2000	0.1279	a
88 Tetrachloroethene	166	8.045	8.034	0.011	1	696	0.2000	0.2583	
92 Chlorodibromomethane	129	8.569	8.563	0.006	1	249	0.2000	0.1982	Ma
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	86	365489	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	88	140213	50.0	50.5	
106 1,1,2,2-Tetrachloroethane	83	10.563	10.557	0.006	1	375	0.2000	0.1900	
* 121 1,4-Dichlorobenzene-d4	152	11.233	11.222	0.011	96	174599	50.0	50.0	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

MIX 2 Hi_00161	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	2.00	Units: uL	
524FREONS_00033	Amount Added:	0.00	Units: uL	
ACROLEIN W_00183	Amount Added:	0.00	Units: uL	
GASES Li_00641	Amount Added:	0.00	Units: uL	
GAS Hi_00495	Amount Added:	0.00	Units: uL	
Ethanol mix_00101	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00137	Amount Added:	0.00	Units: uL	
7 Freons Hi_00027	Amount Added:	0.00	Units: uL	
MIX I Hi_00188	Amount Added:	0.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:10:06 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D

Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1 Operator ID:

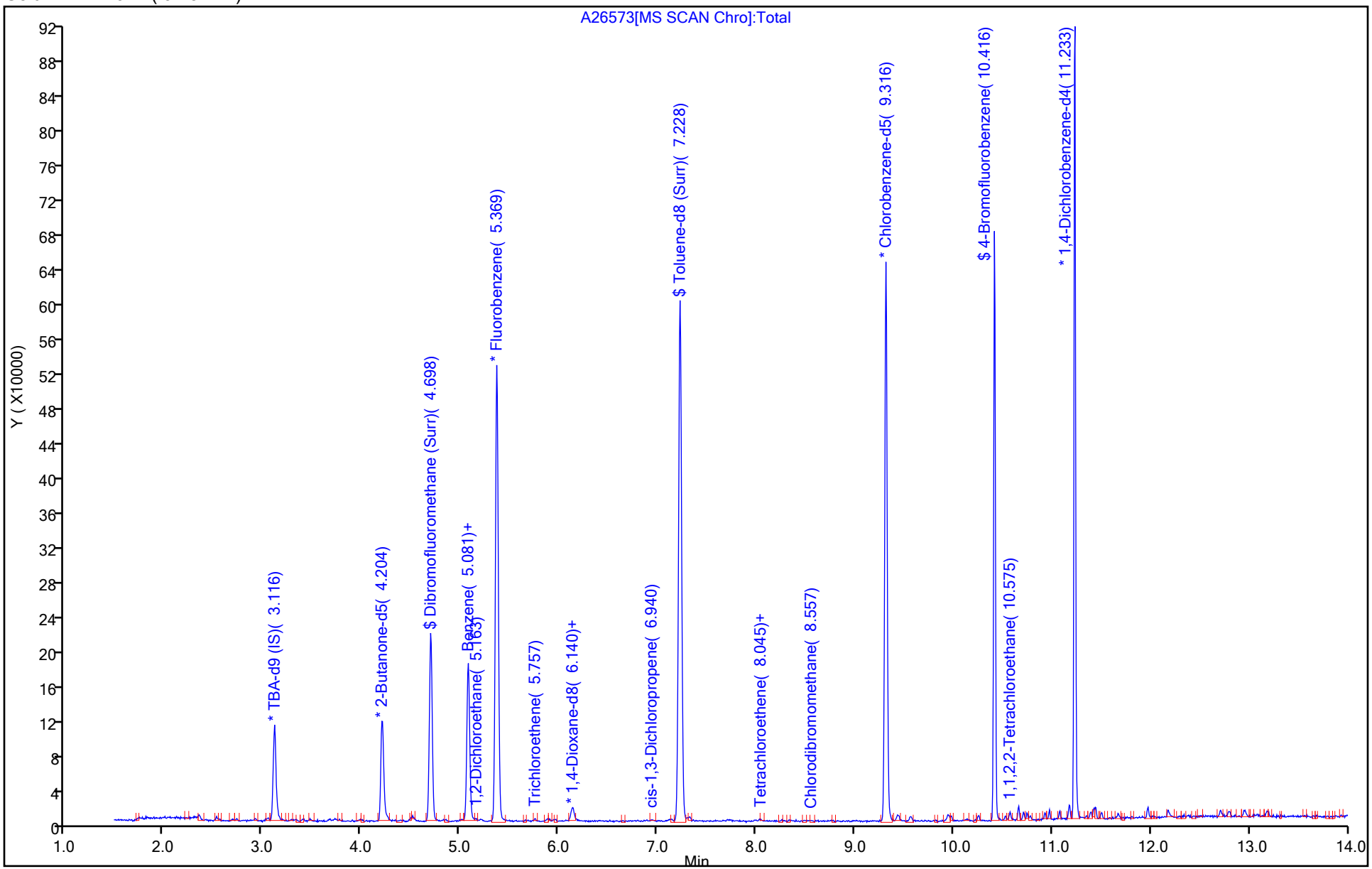
Lims ID: STD8 Worklist Smp#: 19

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

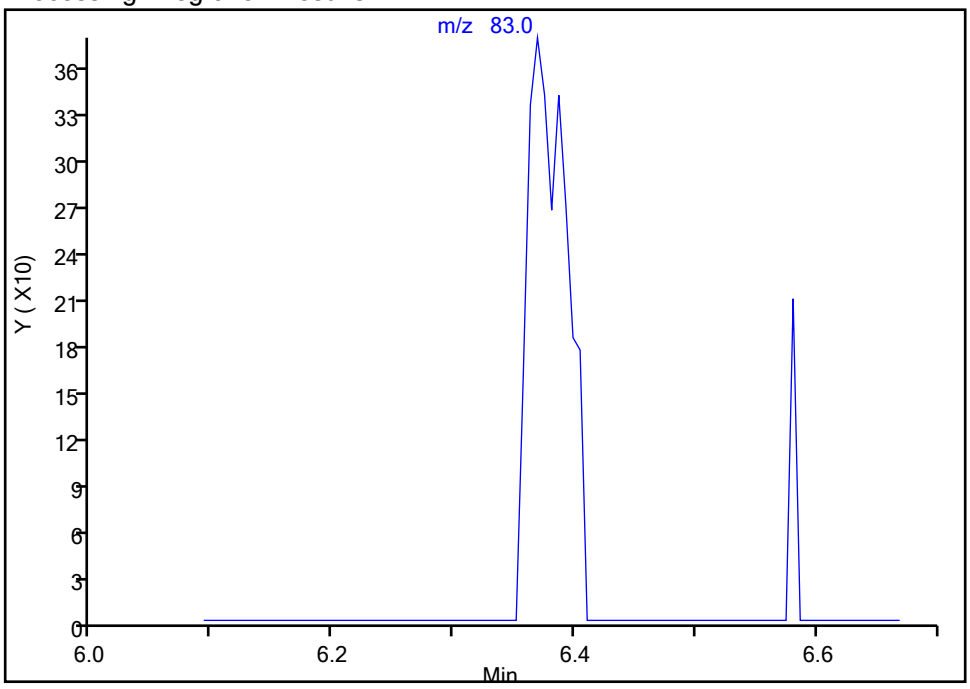
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

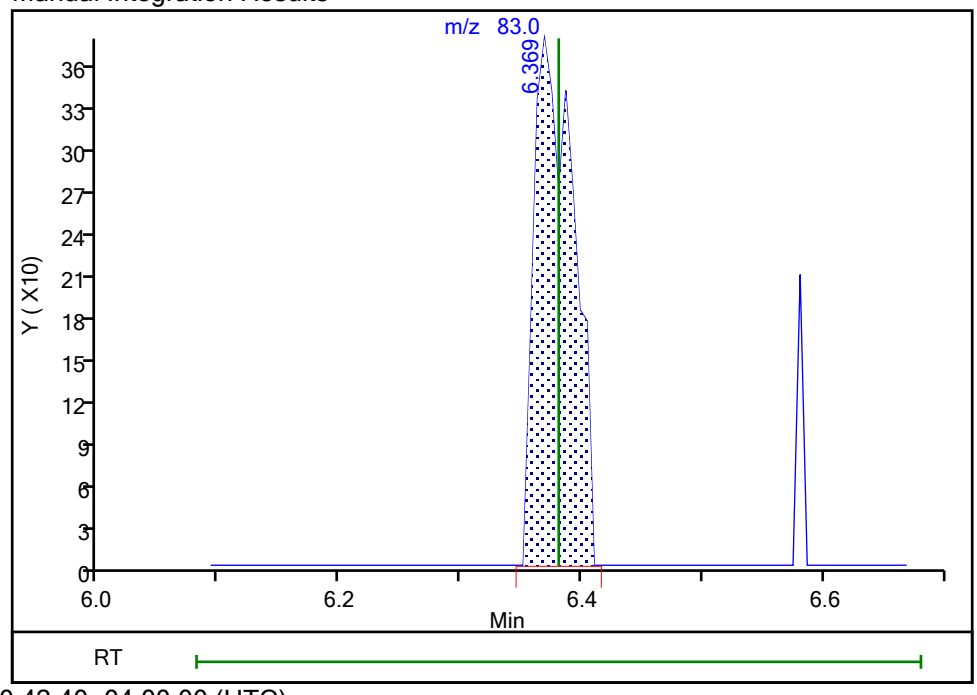
Not Detected
Expected RT: 6.38

Processing Integration Results



Manual Integration Results

RT: 6.37
Area: 857
Amount: 0.218638
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:42:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

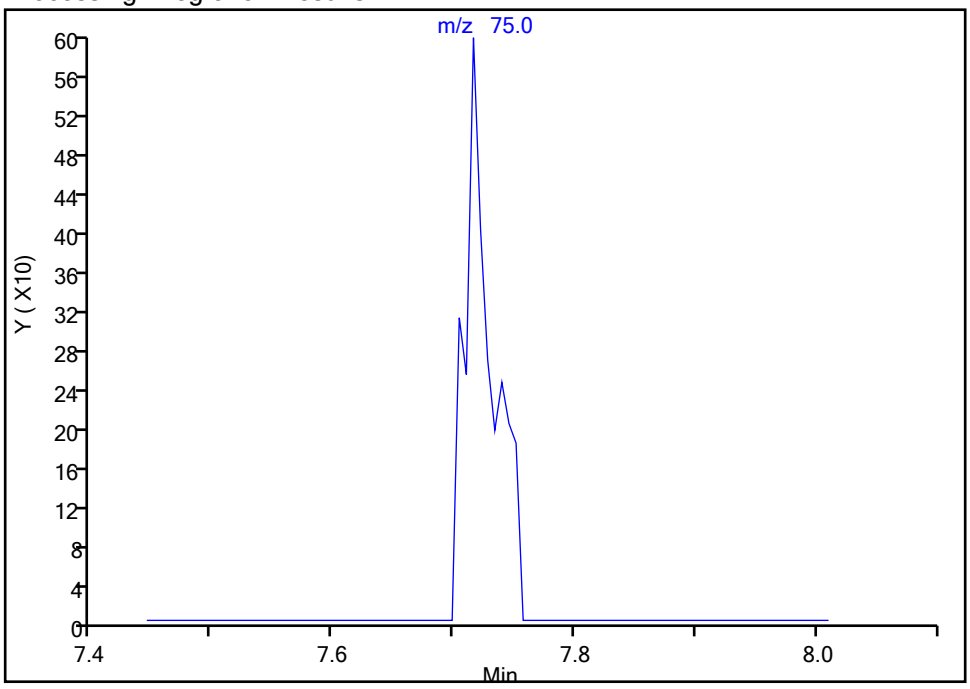
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

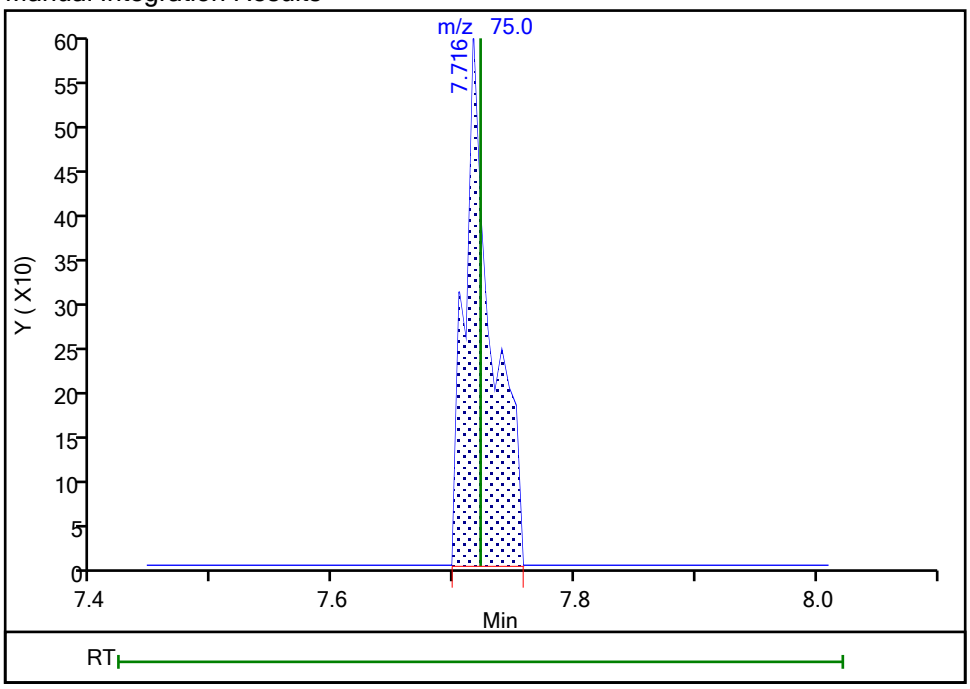
Not Detected
Expected RT: 7.72

Processing Integration Results



Manual Integration Results

RT: 7.72
Area: 931
Amount: 0.238307
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:41:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

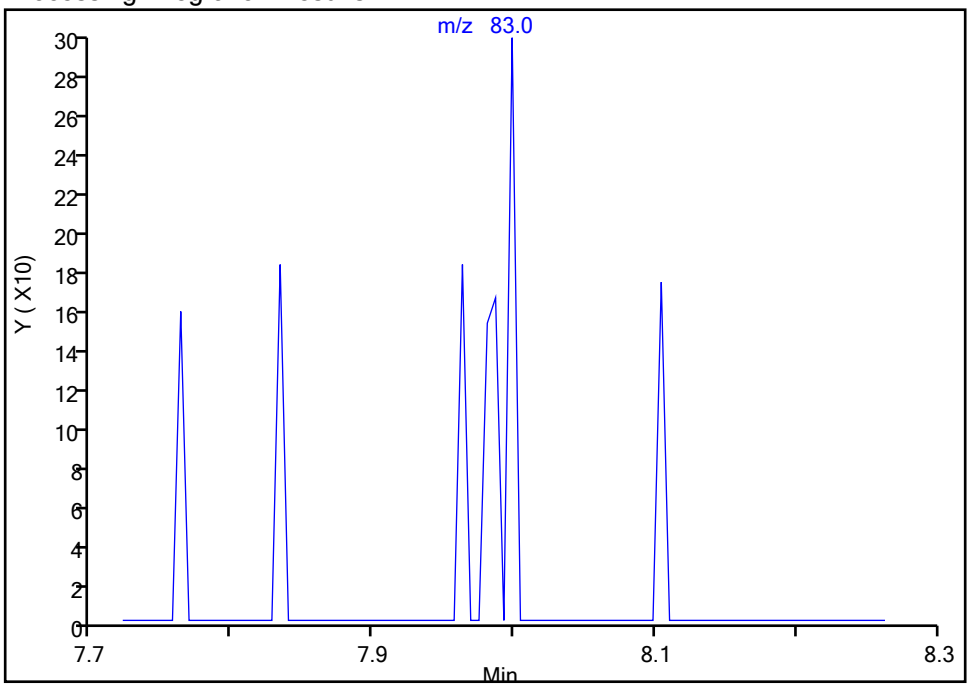
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

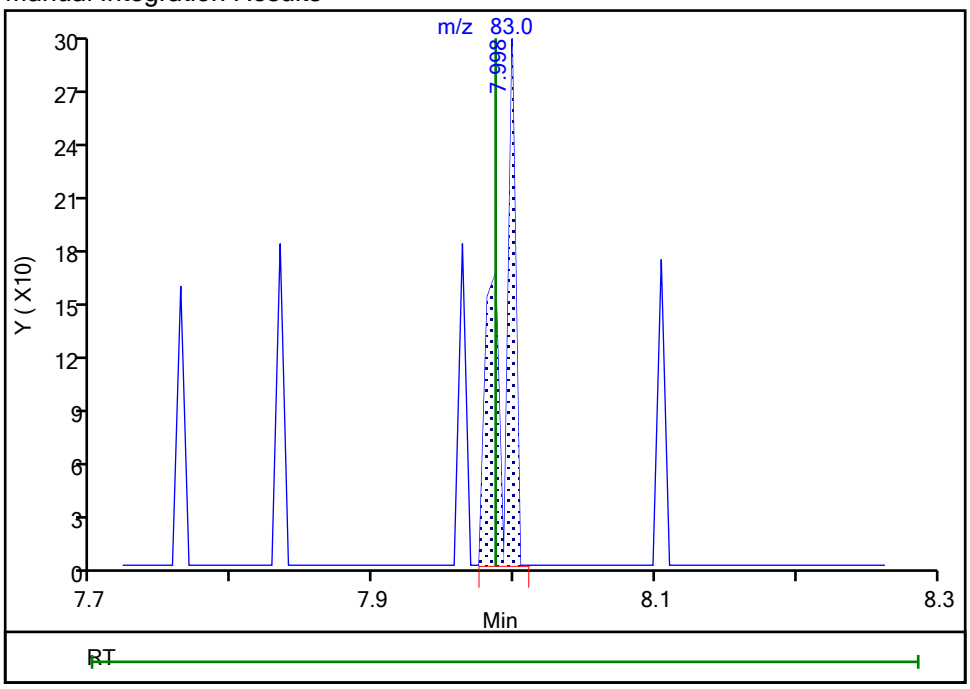
Not Detected
Expected RT: 7.99

Processing Integration Results



Manual Integration Results

RT: 8.00
Area: 217
Amount: 0.127897
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:43:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

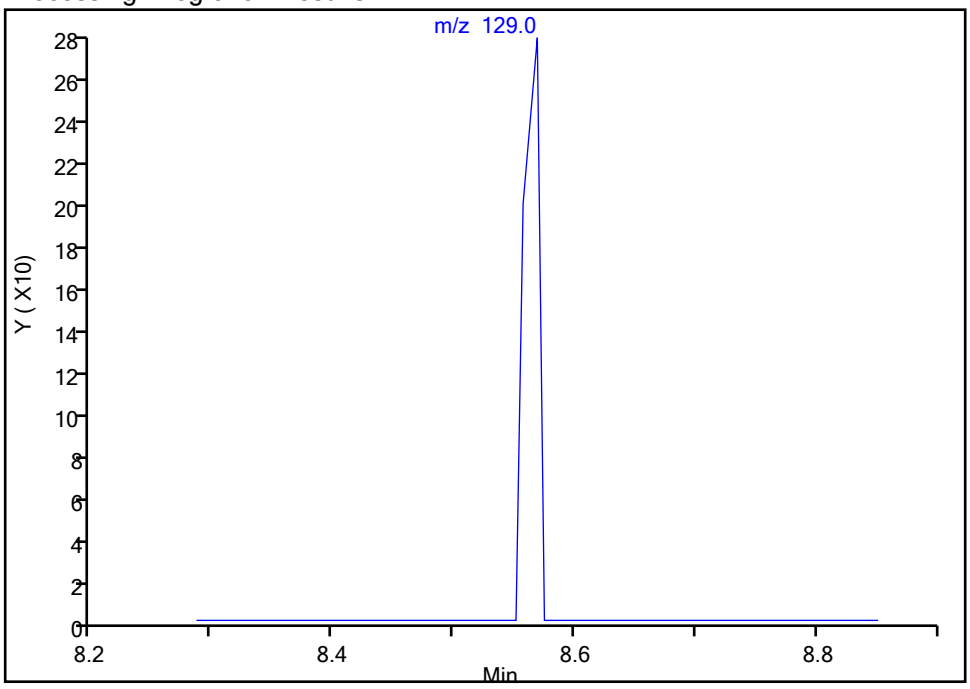
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

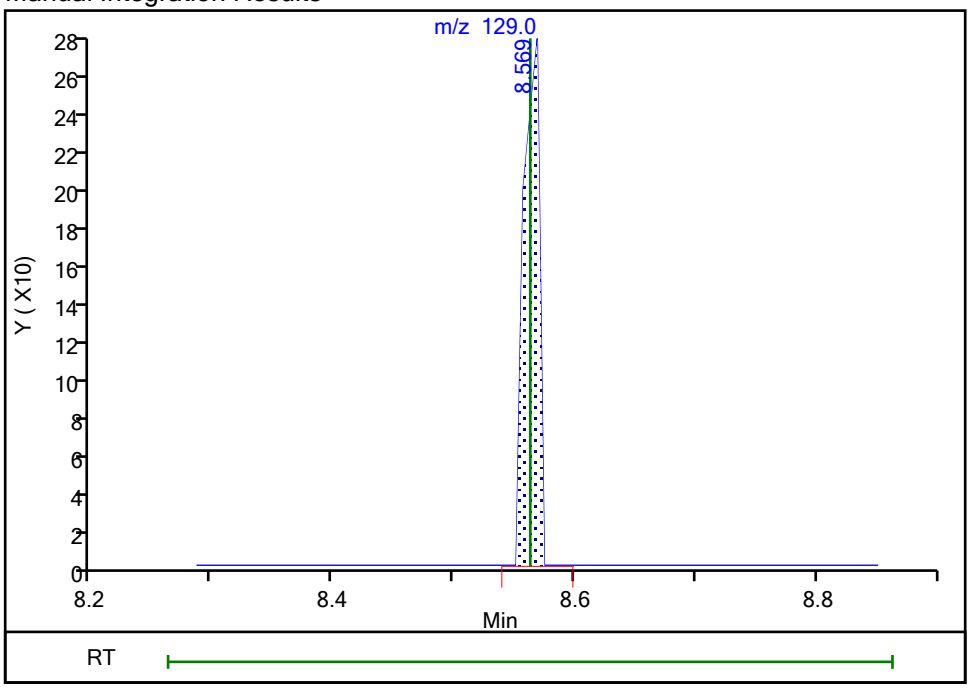
Not Detected
Expected RT: 8.56

Processing Integration Results



Manual Integration Results

RT: 8.57
Area: 249
Amount: 0.198163
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:43:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

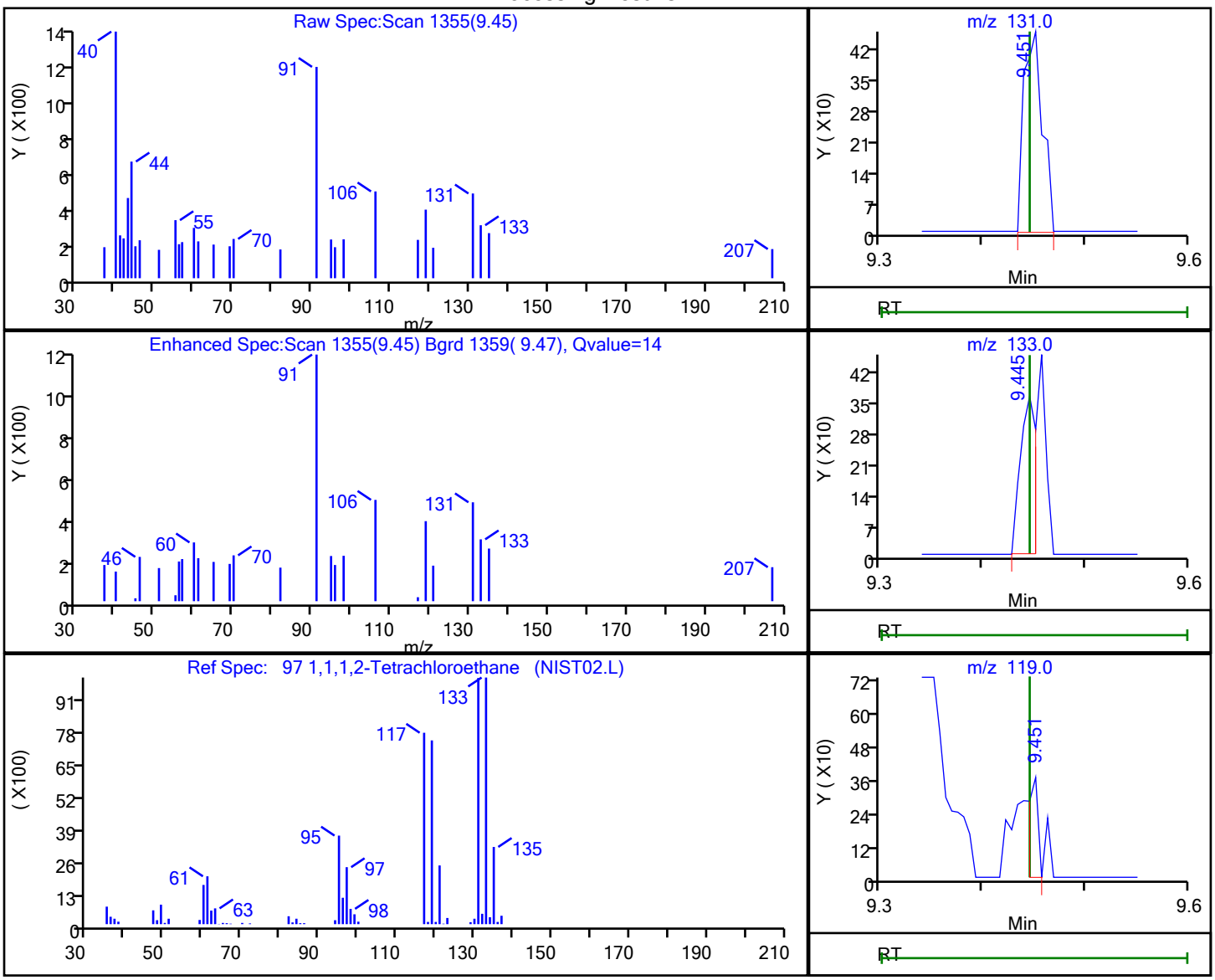
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

97 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
9.45	131.00	574	0.226038
9.45	133.00	385	
9.45	119.00	227	
9.46	117.00	514	

Reviewer: NN6A, 14-May-2025 20:43:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

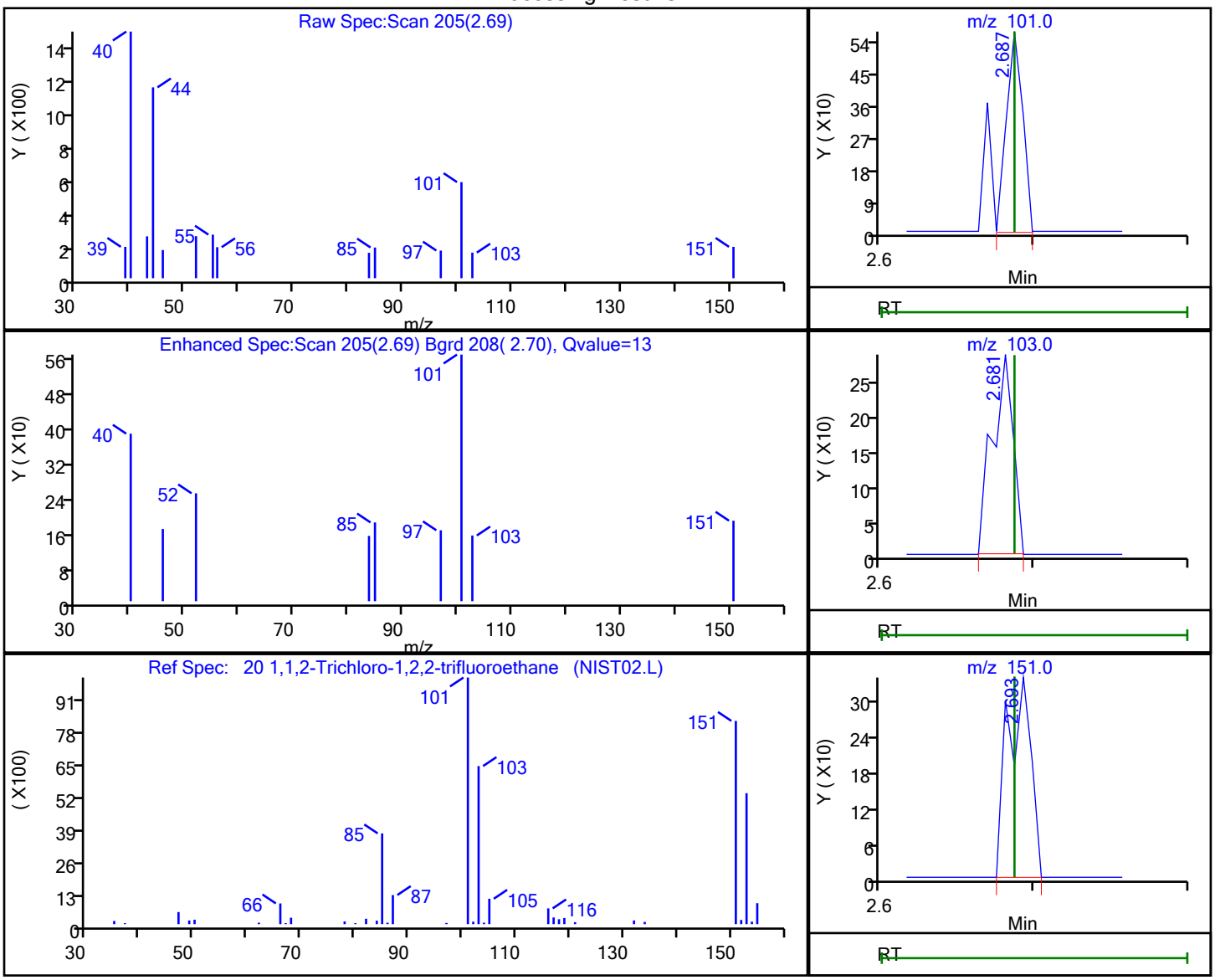
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
2.69	101.00	419	0.179199
2.68	103.00	265	
2.69	151.00	353	
2.69	85.00	122	

Reviewer: NN6A, 14-May-2025 20:42:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

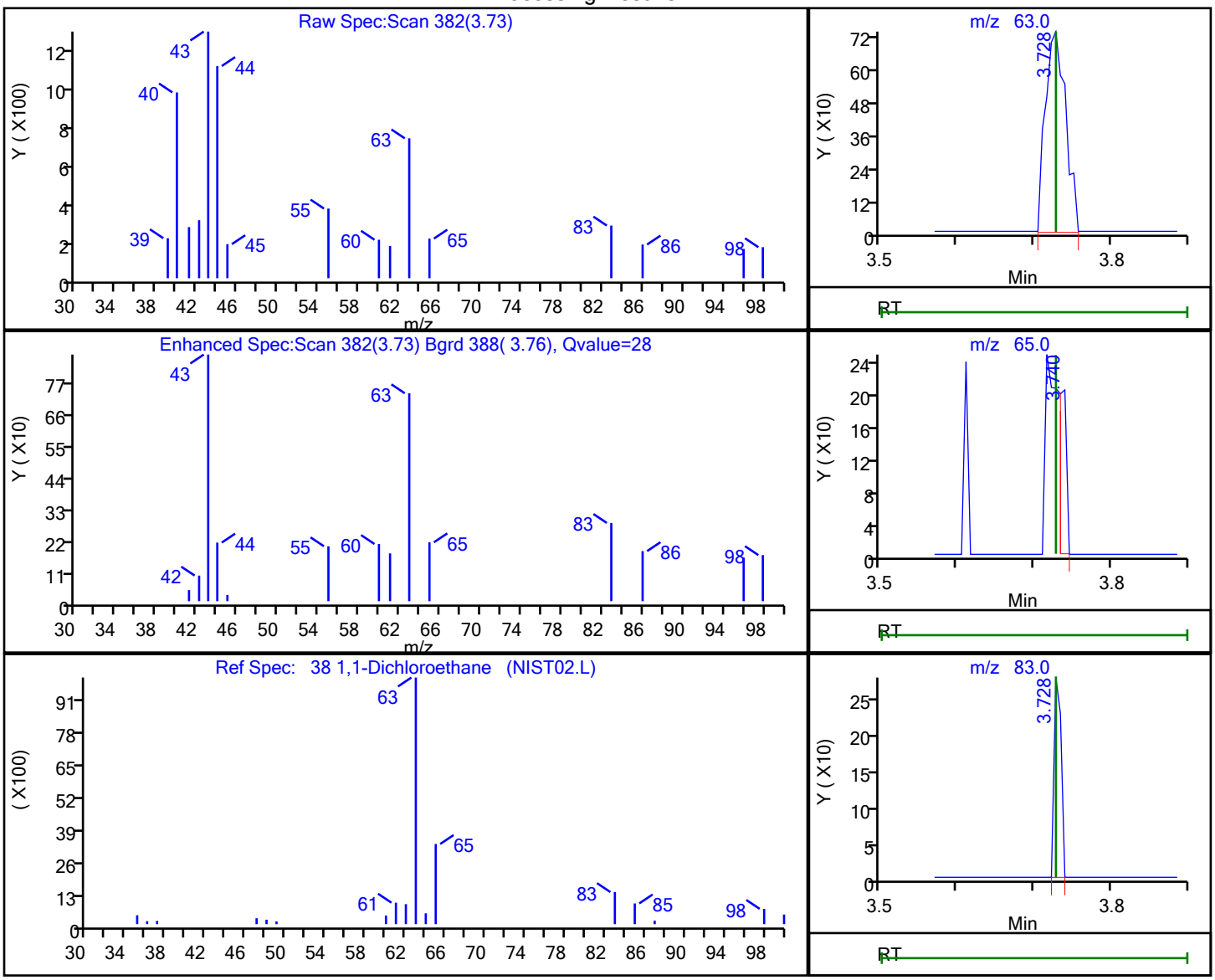
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.73	63.00	1349	0.247060
3.74	65.00	143	
3.73	83.00	177	

Reviewer: NN6A, 14-May-2025 20:42:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

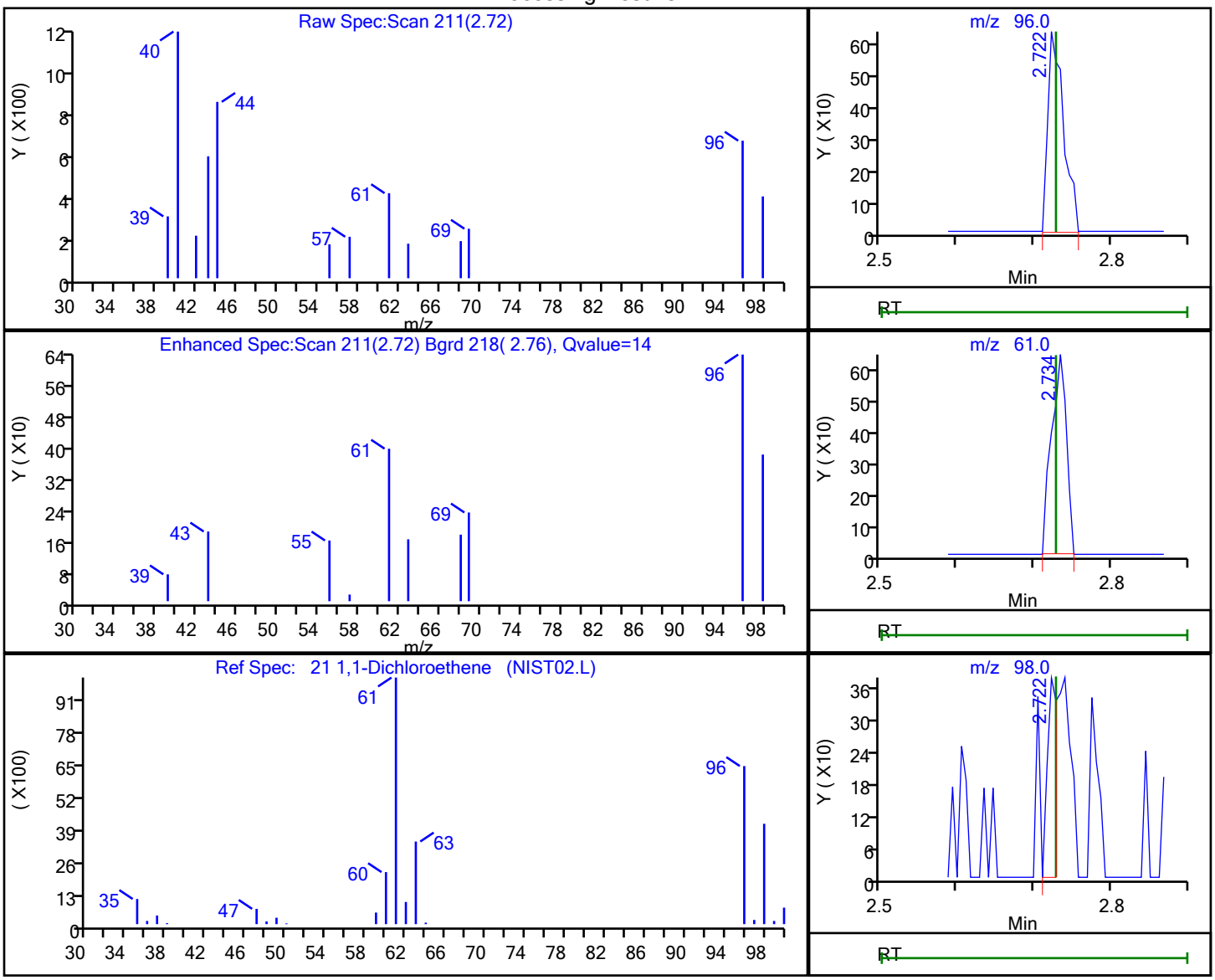
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.72	96.00	903	0.404786
2.73	61.00	878	
2.72	98.00	324	
2.73	63.00	327	

Reviewer: NN6A, 14-May-2025 20:42:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

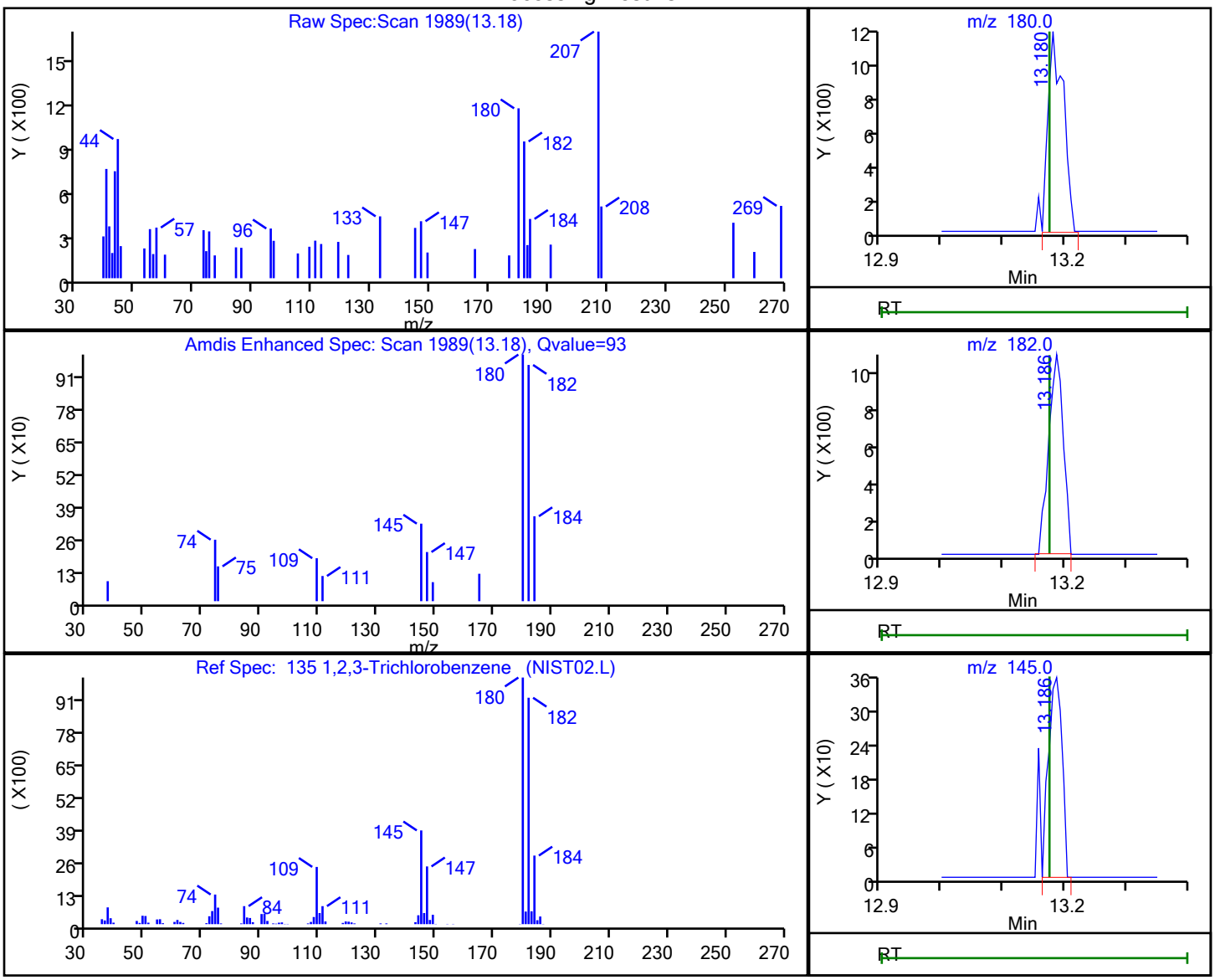
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
13.18	180.00	1946	1.286020
13.19	182.00	1779	
13.19	145.00	544	

Reviewer: NN6A, 14-May-2025 20:43:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

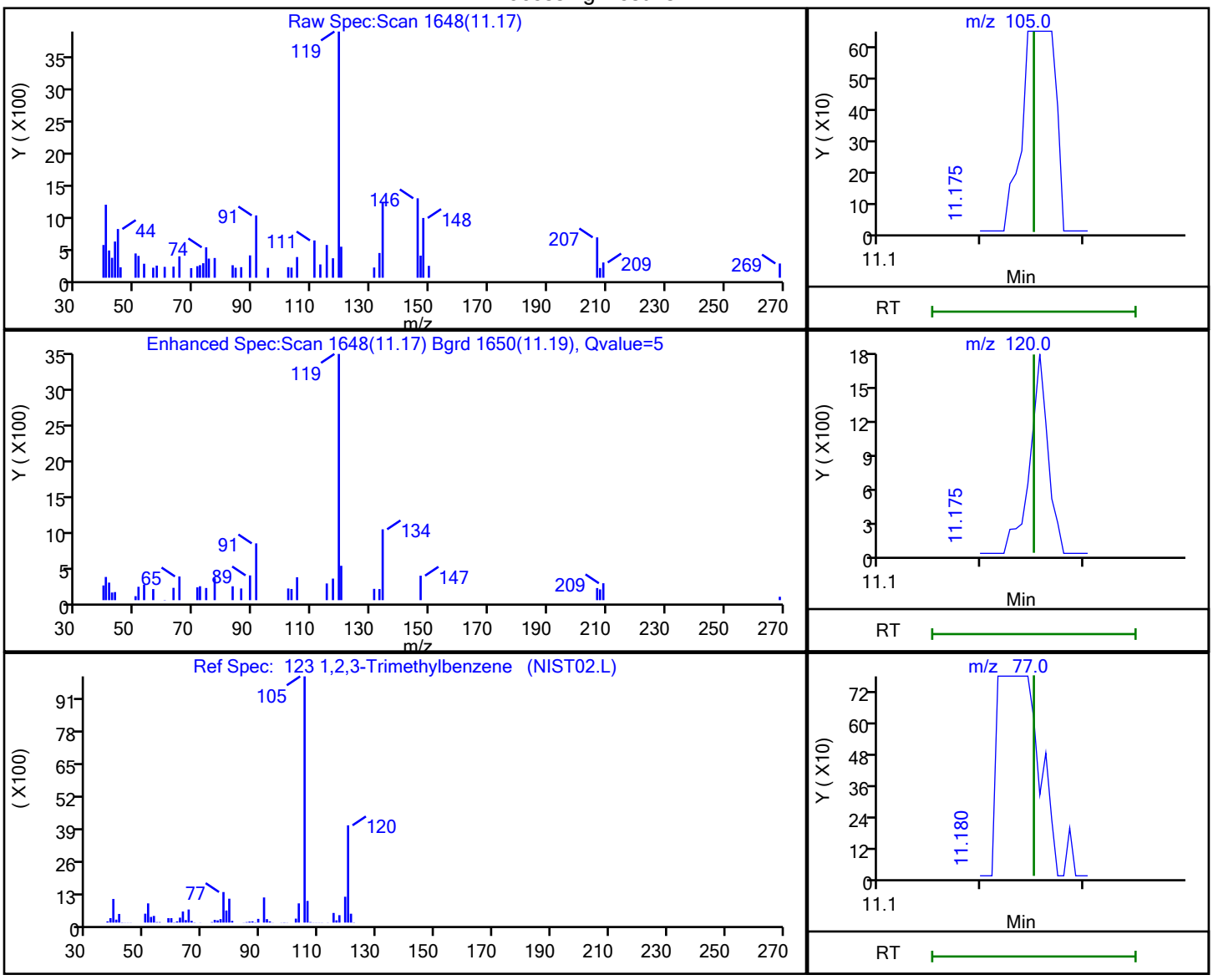
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
11.17	105.00	196	0.021479
11.17	120.00	423	
11.18	77.00	546	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

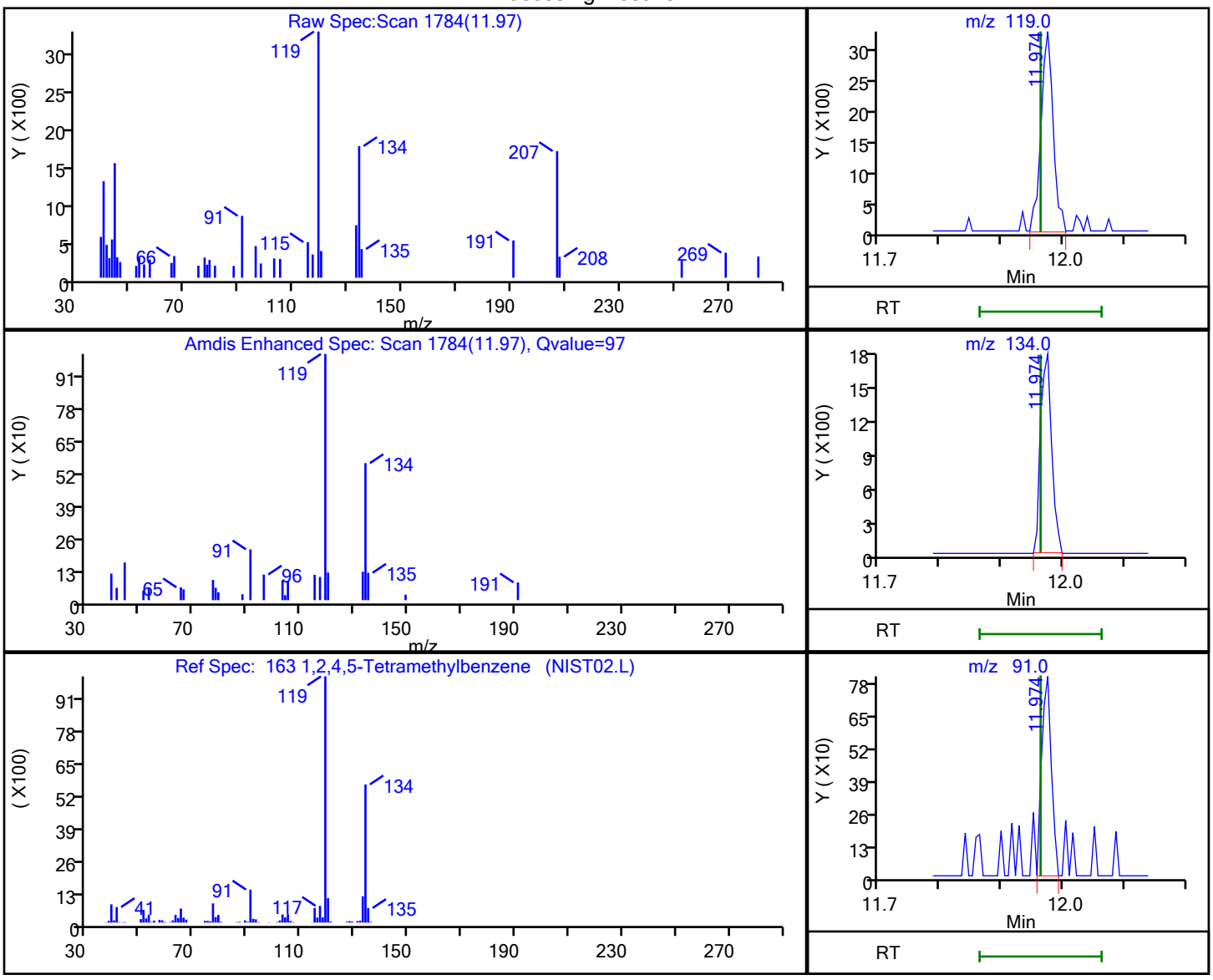
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

163 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.97	119.00	4423	0.597889
11.97	134.00	2192	
11.97	91.00	886	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

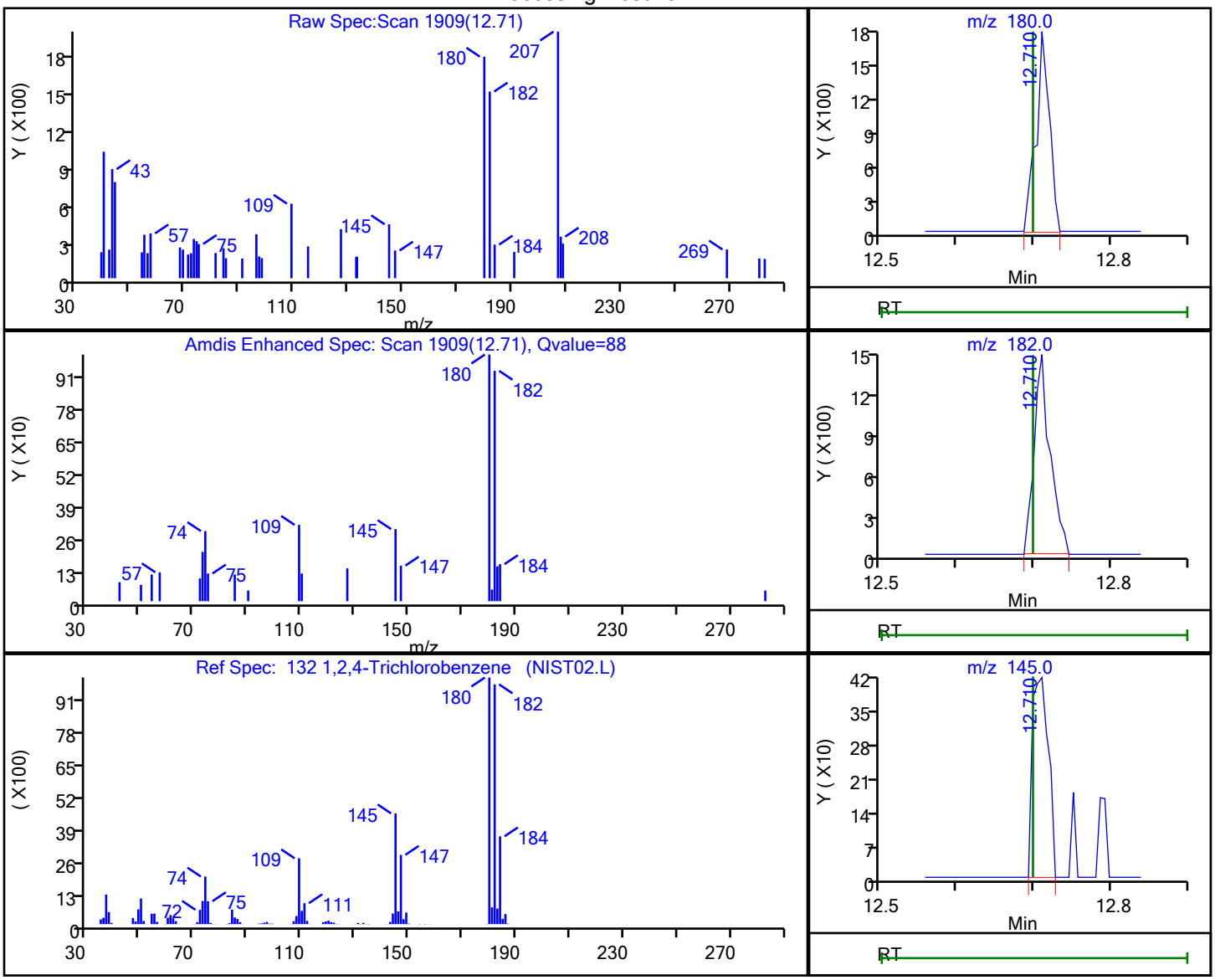
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.71	180.00	2097	0.968196
12.71	182.00	2113	
12.71	145.00	612	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

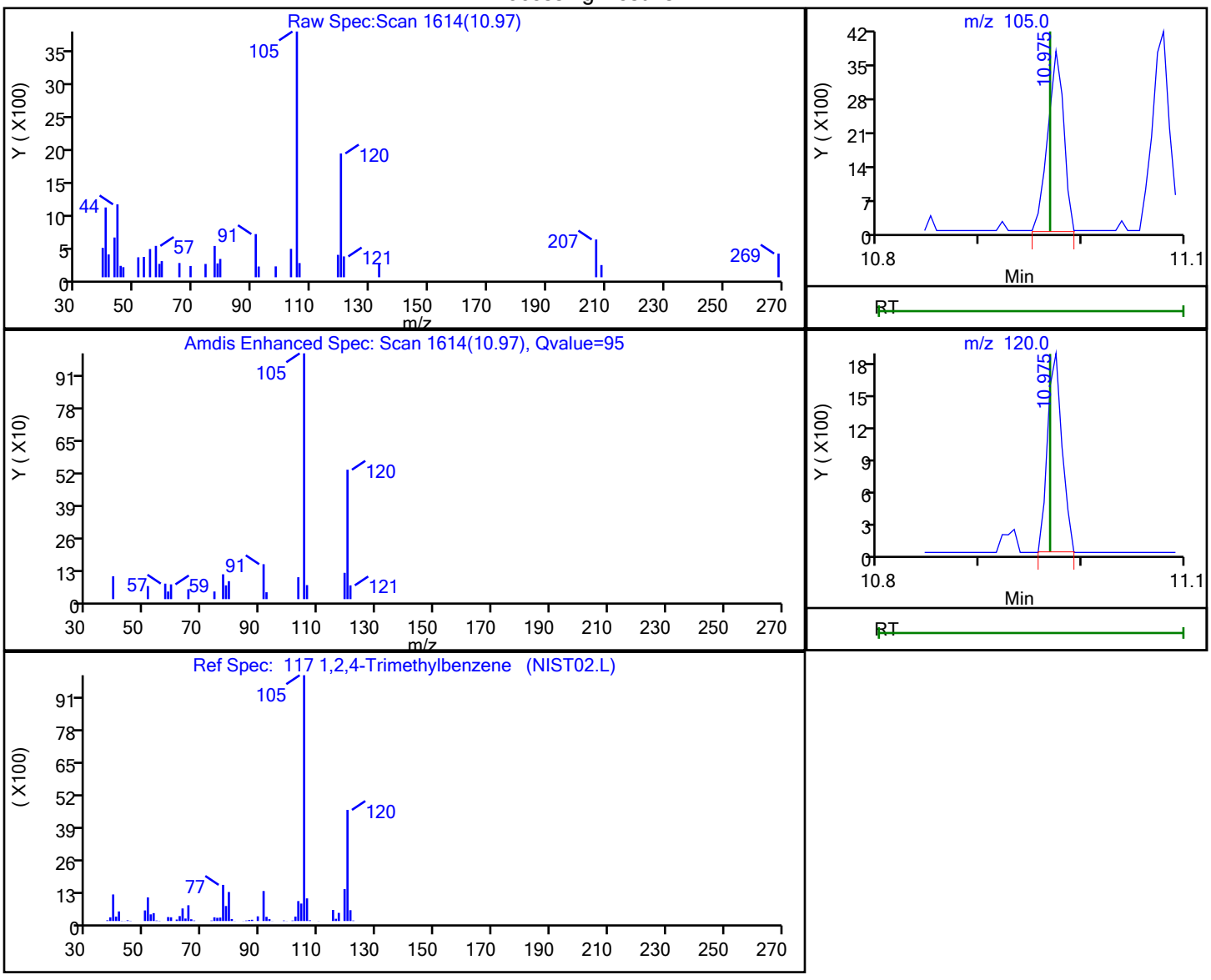
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.97	105.00	4056	0.449666
10.97	120.00	1873	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

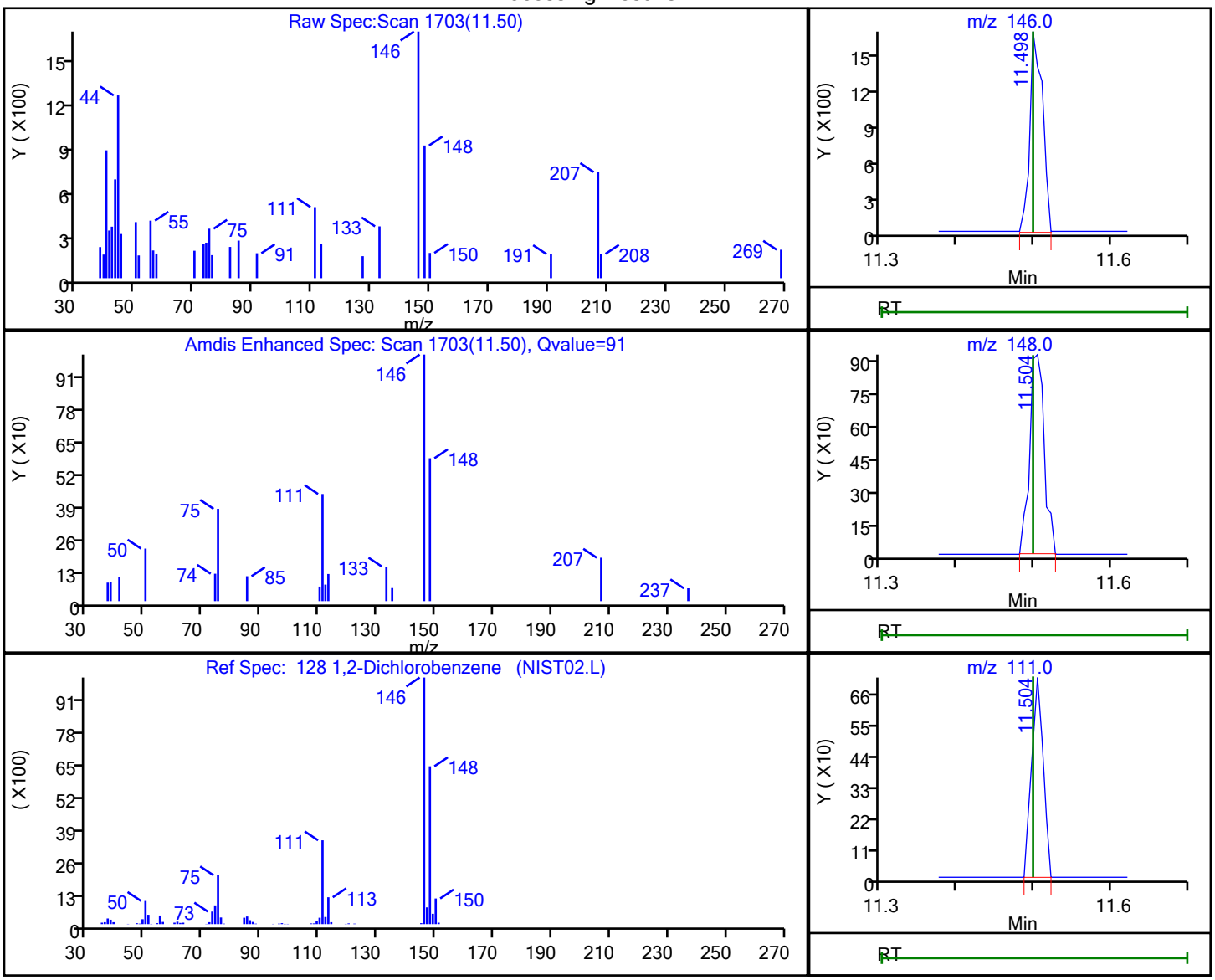
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.50	146.00	1936	0.437162
11.50	148.00	1238	
11.50	111.00	761	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

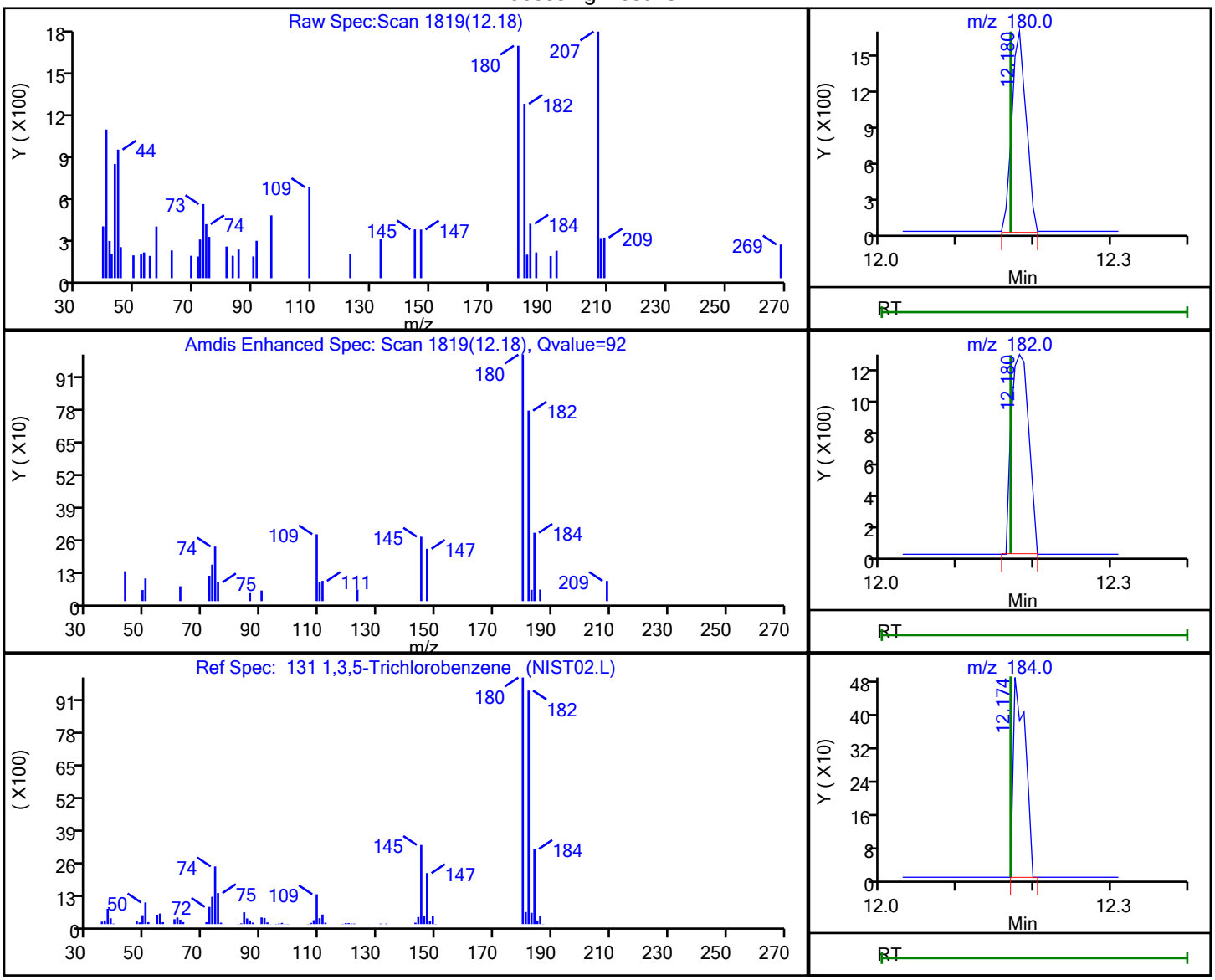
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.18	180.00	2089	0.754574
12.18	182.00	1915	
12.17	184.00	517	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

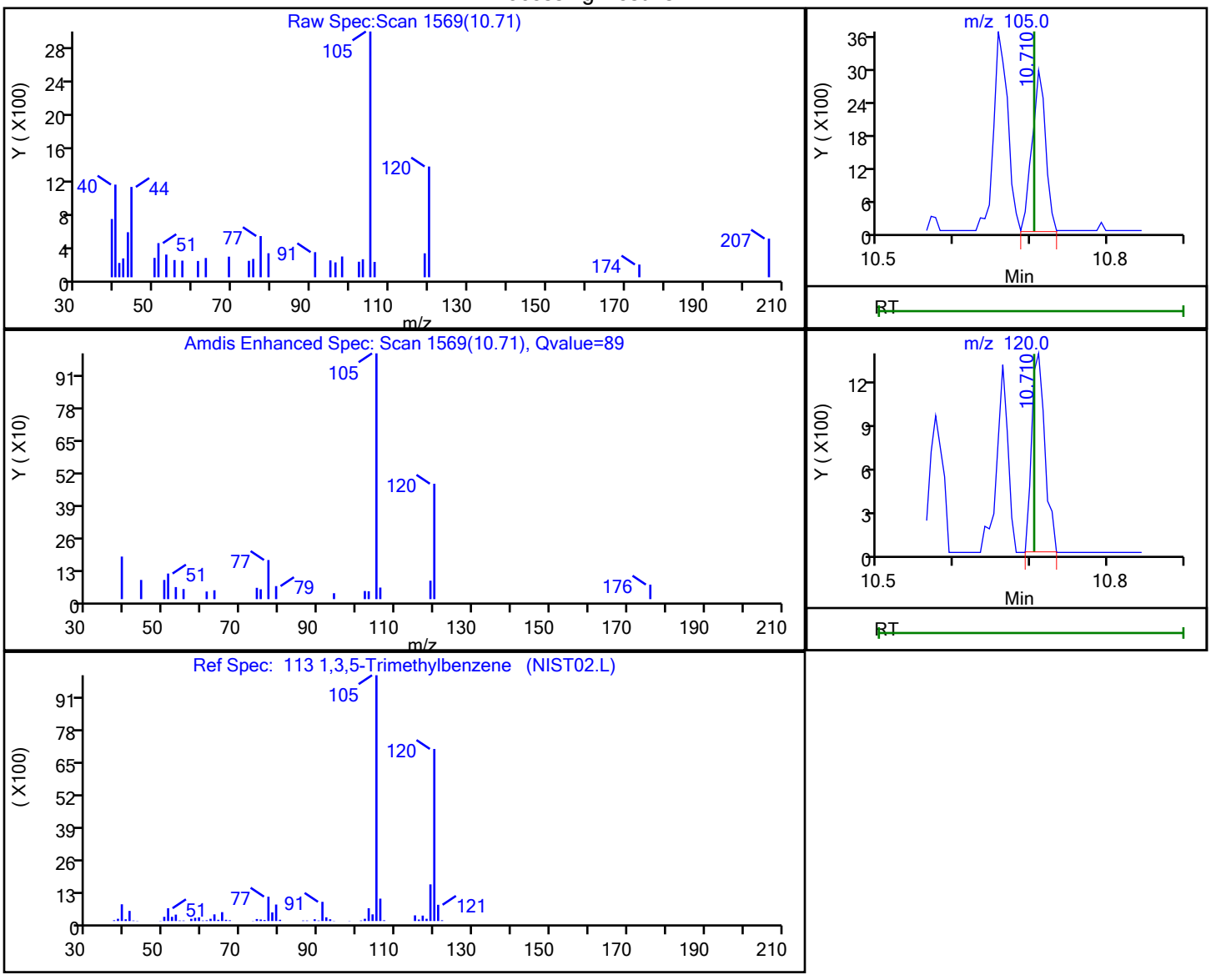
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D		
Injection Date:	14-May-2025 10:21:30	Instrument ID:	CVOAMS1
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.71	105.00	3634	0.426894
10.71	120.00	1608	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

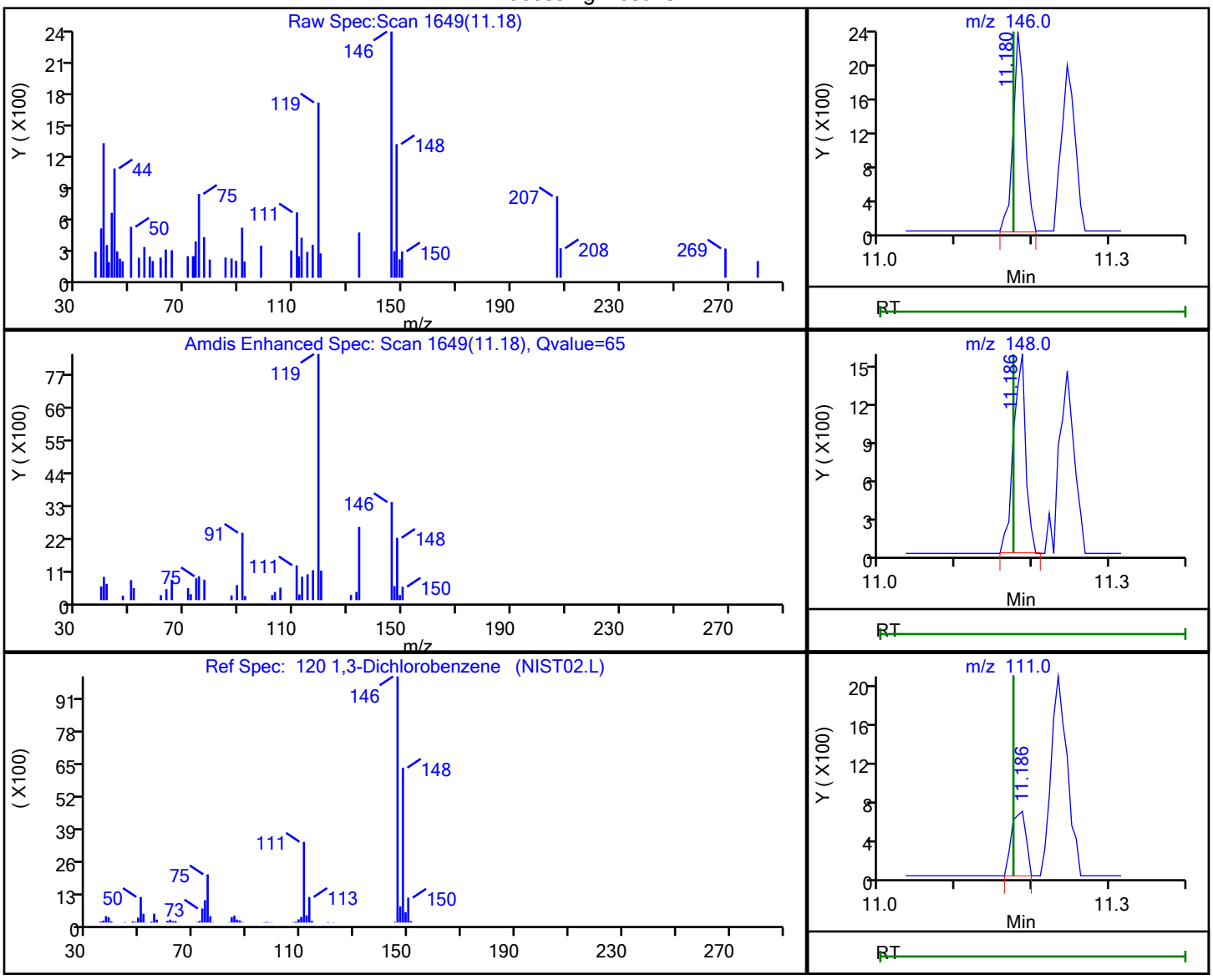
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
11.18	146.00	2491	0.498249
11.19	148.00	1721	
11.19	111.00	878	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

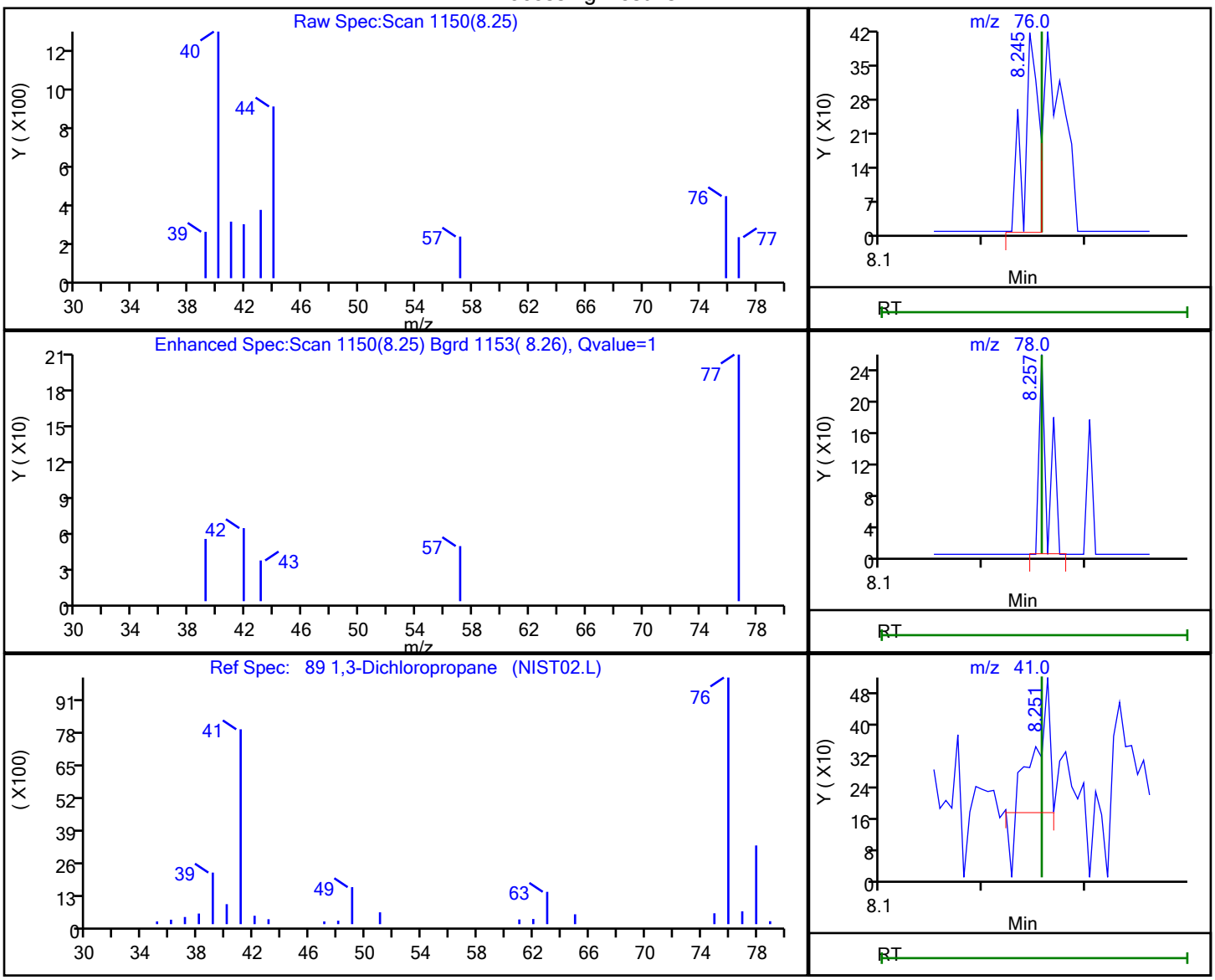
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
8.25	76.00	410	0.123465
8.26	78.00	152	
8.25	41.00	293	

Reviewer: NN6A, 14-May-2025 20:42:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

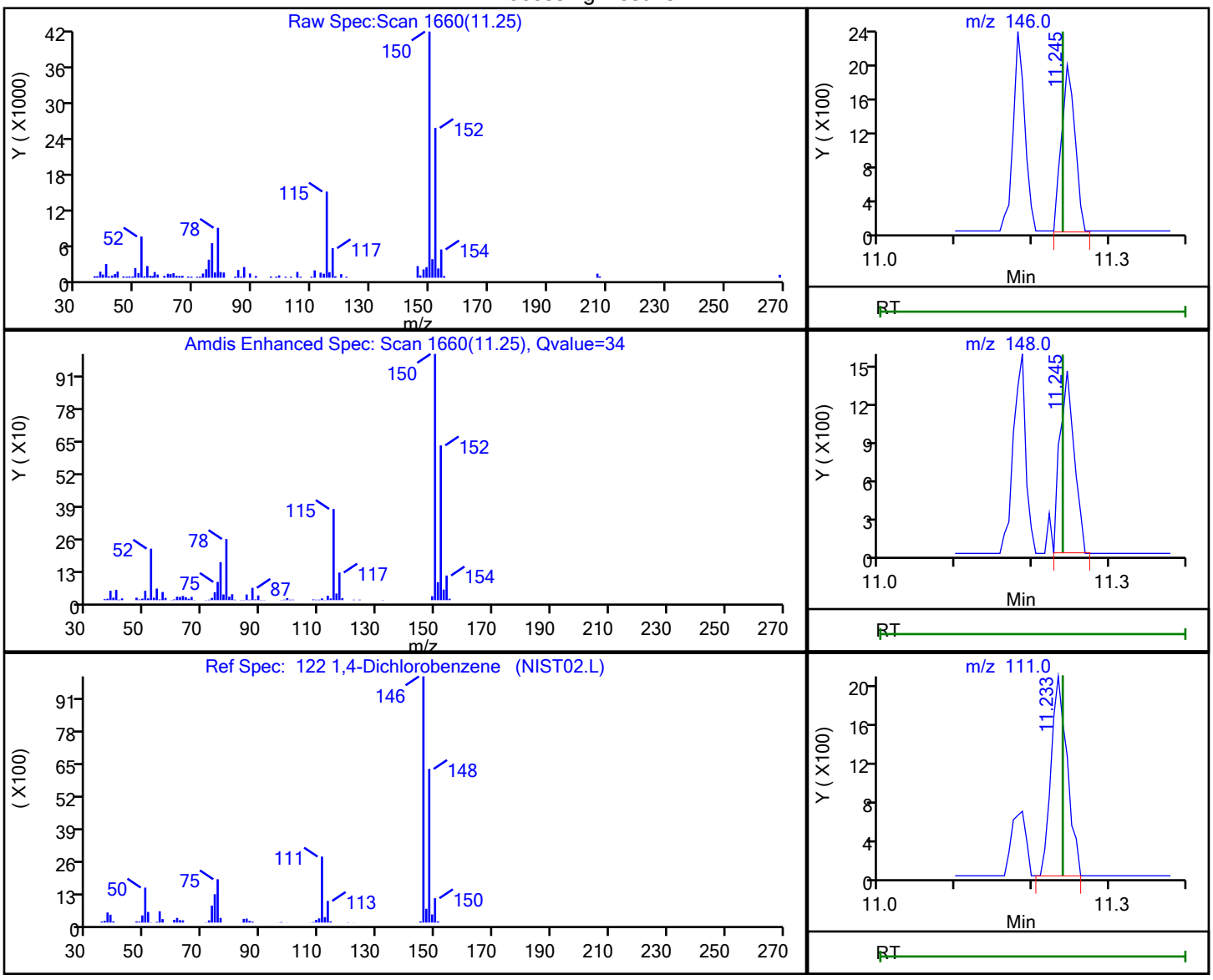
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
11.25	146.00	2415	0.483889
11.25	148.00	1831	
11.23	111.00	3034	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

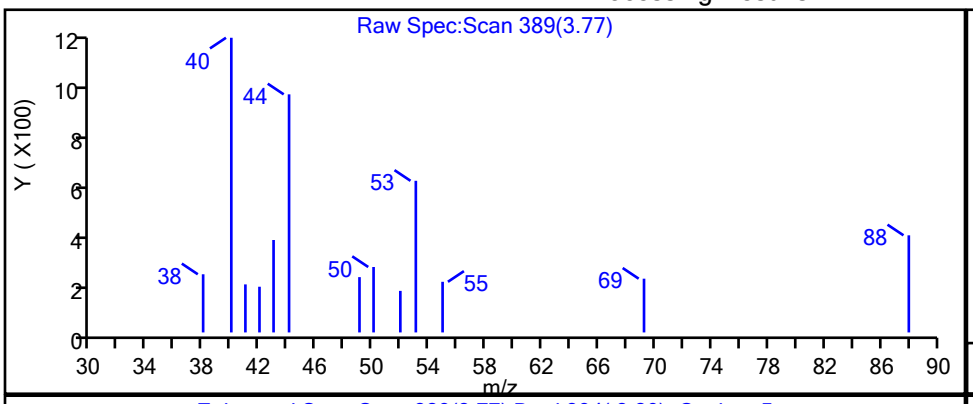
User Disabled Compound Report

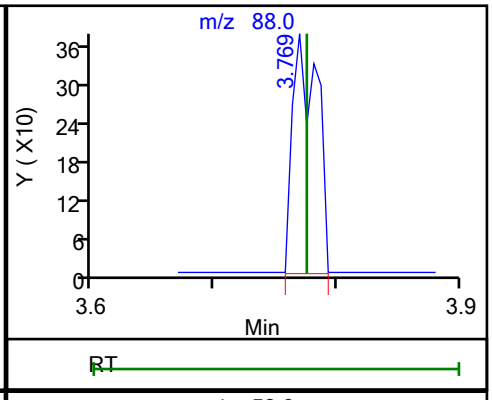
Eurofins Edison

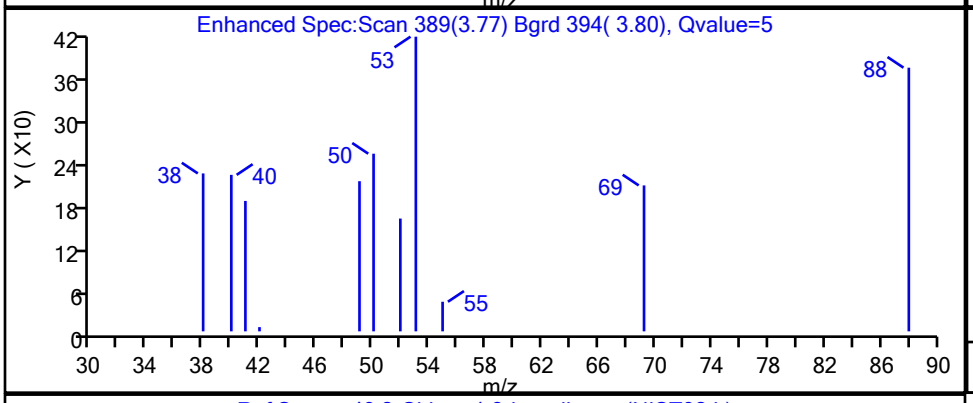
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

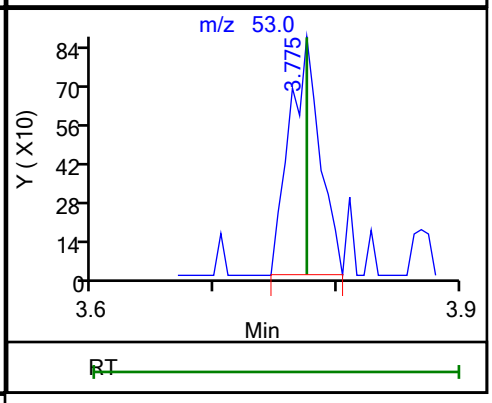
40 2-Chloro-1,3-butadiene, CAS: 126-99-8

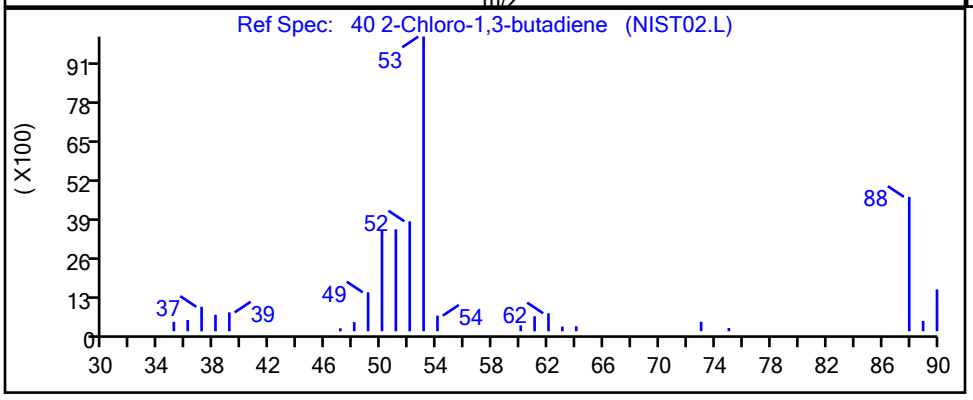
Processing Results











RT	Mass	Response	Amount
3.77	88.00	525	0.206406
3.78	53.00	1507	

Reviewer: NN6A, 14-May-2025 20:42:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

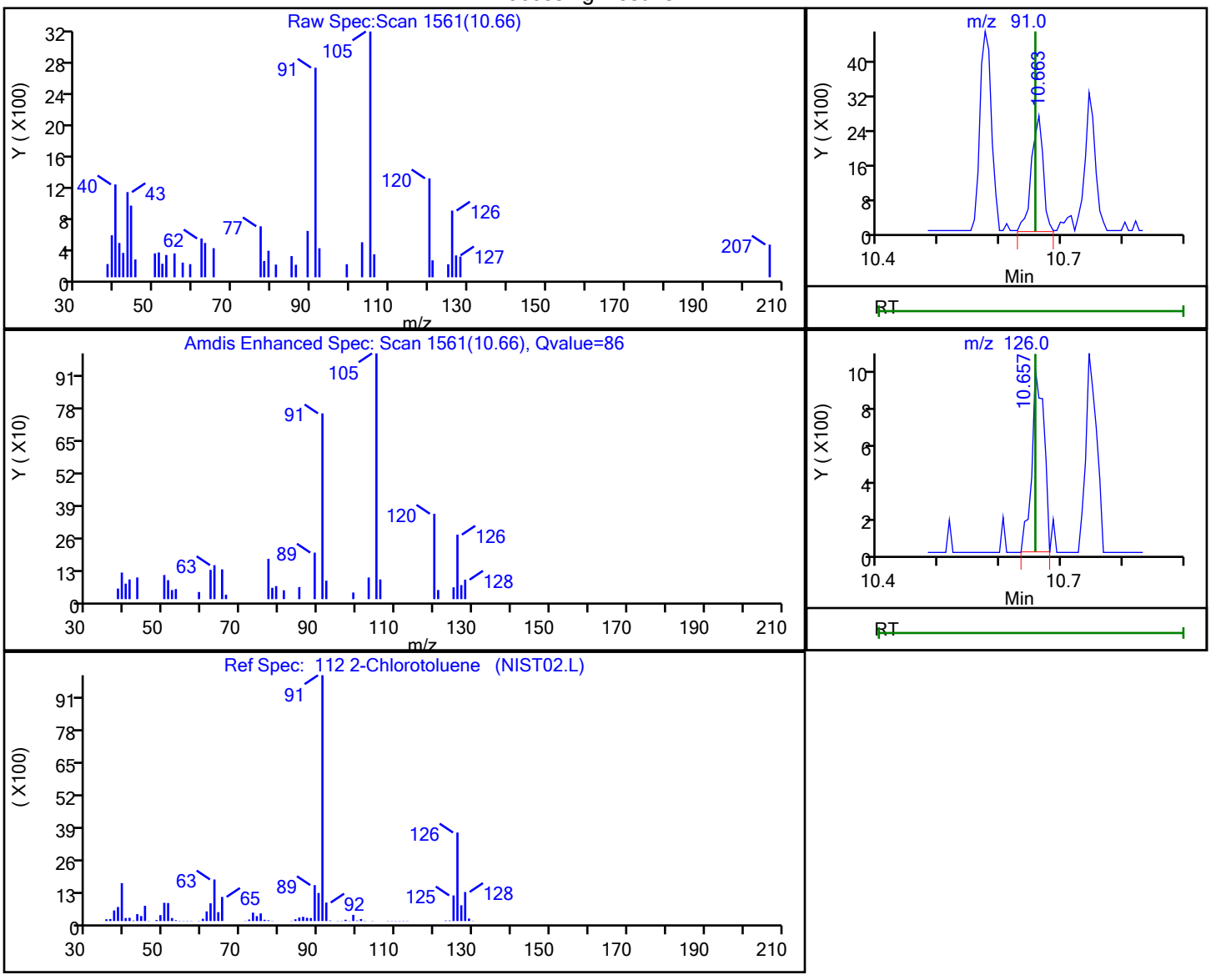
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

112 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
10.66	91.00	3523	0.388495
10.66	126.00	1403	

Reviewer: NN6A, 14-May-2025 20:43:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

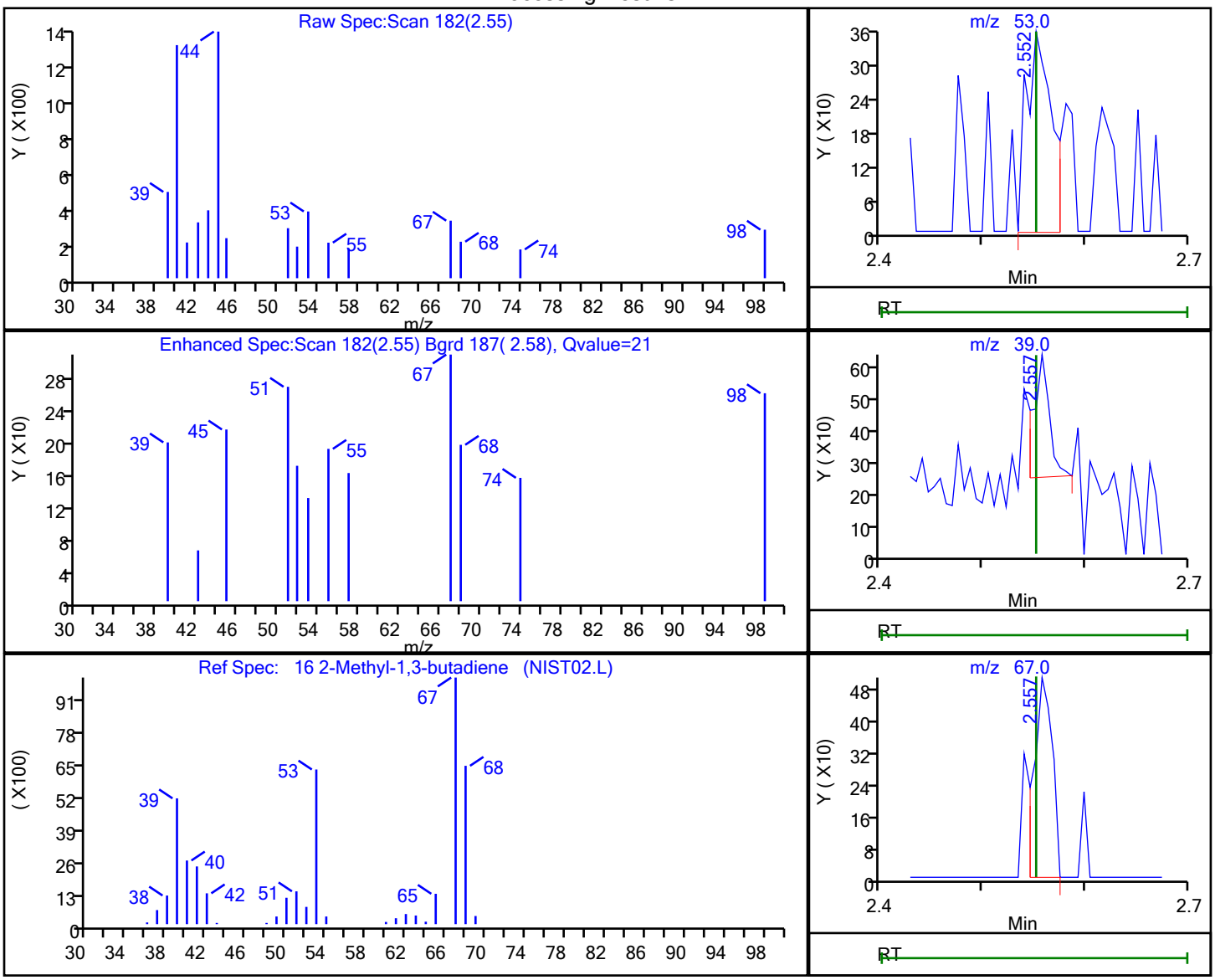
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.55	53.00	613	0.254505
2.56	39.00	412	
2.56	67.00	623	

Reviewer: NN6A, 14-May-2025 20:42:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

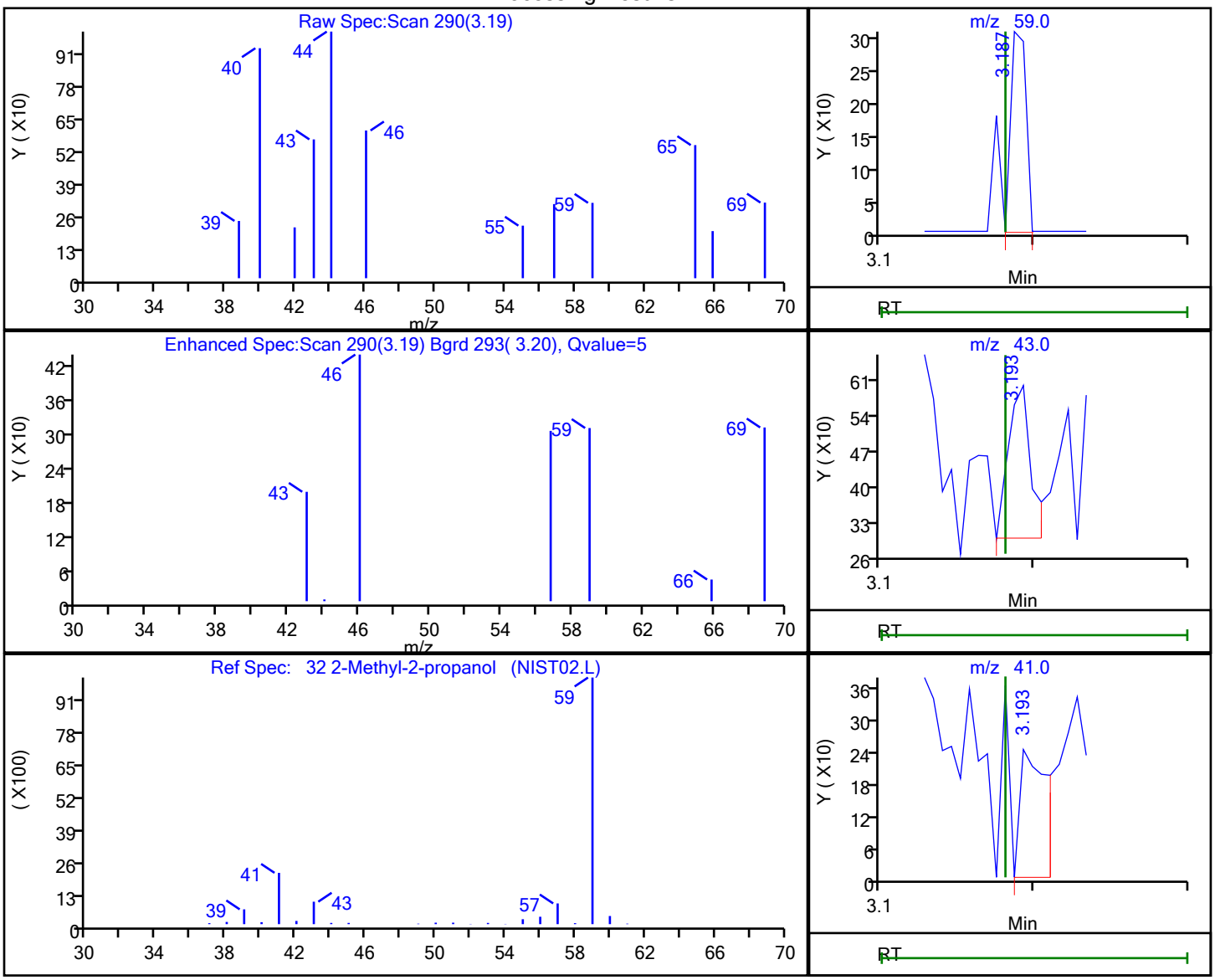
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
3.19	59.00	209	1.340906
3.19	43.00	310	
3.19	41.00	298	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

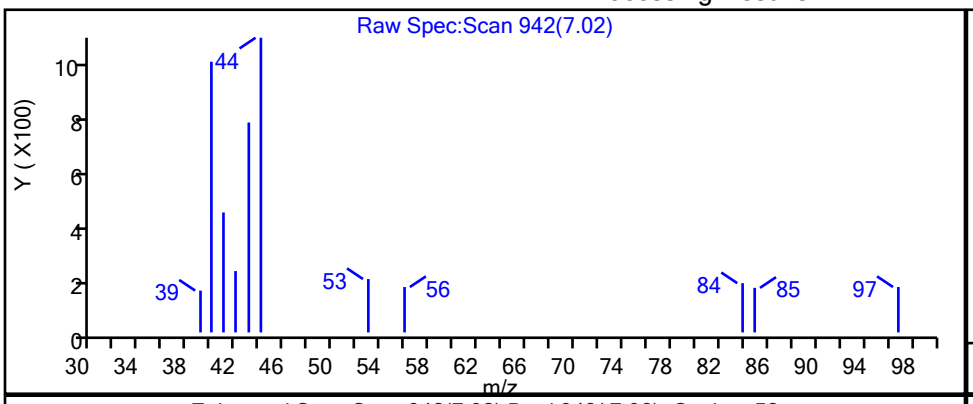
User Disabled Compound Report

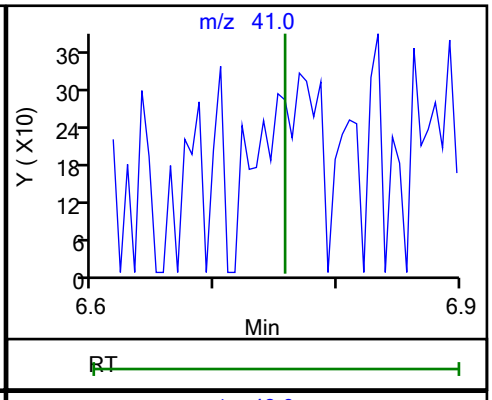
Eurofins Edison

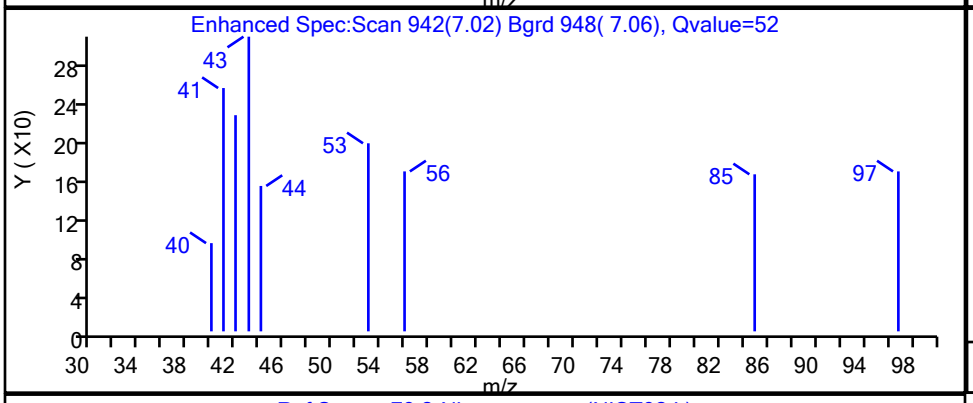
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

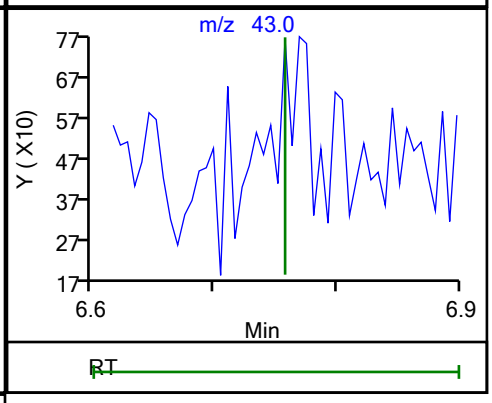
79 2-Nitropropane, CAS: 79-46-9

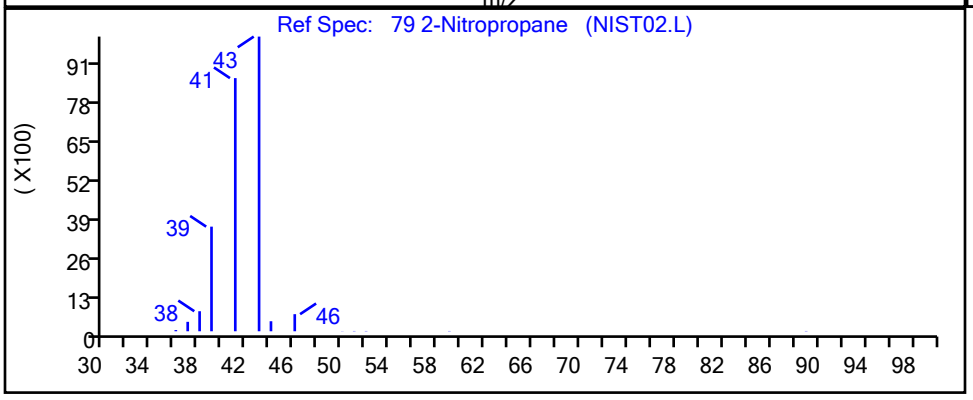
Processing Results











RT	Mass	Response	Amount
7.02	41.00	473	1.163678
7.02	43.00	864	

Reviewer: NN6A, 14-May-2025 20:42:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

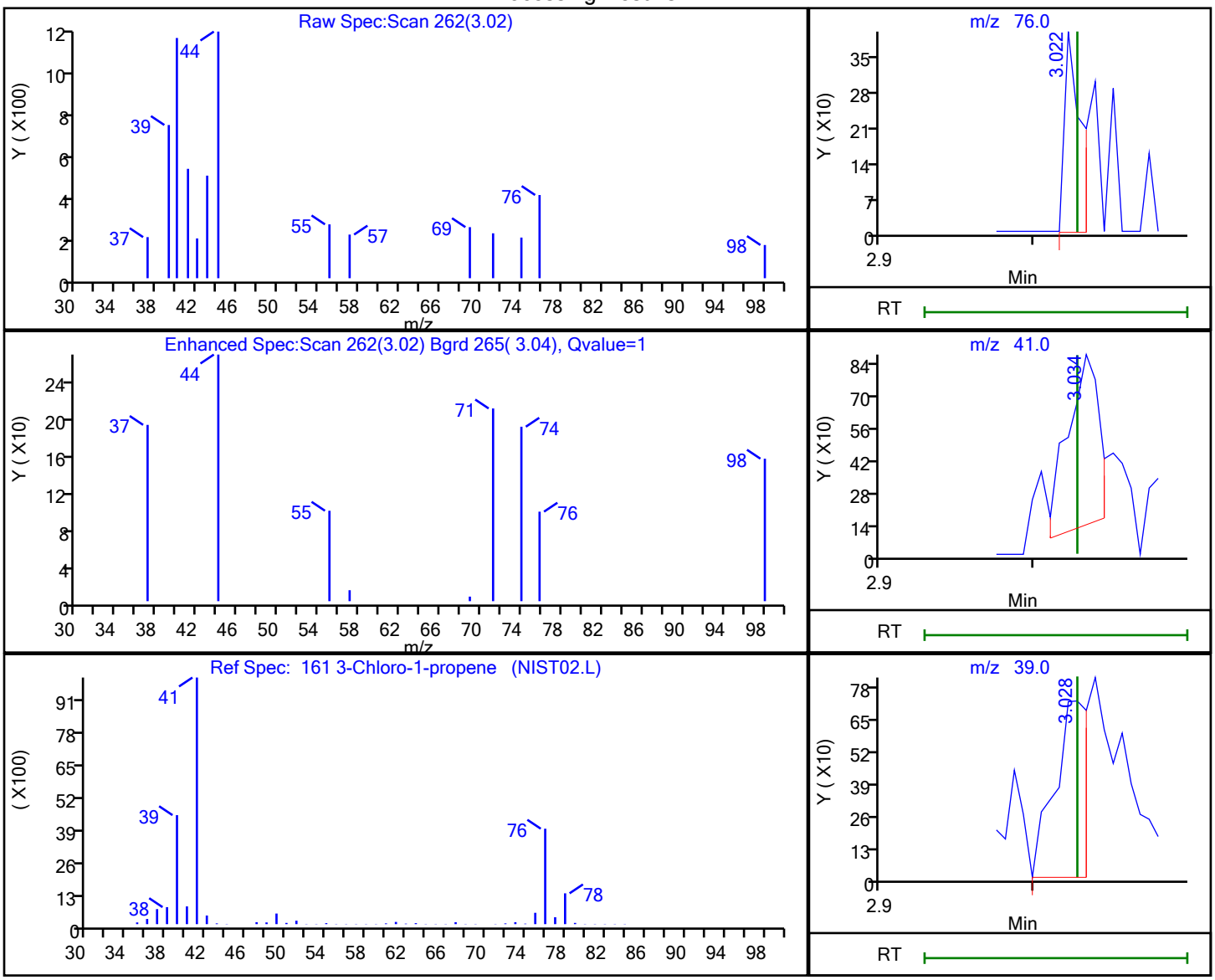
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

161 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.02	76.00	288	0.166027
3.03	41.00	1090	
3.03	39.00	1088	

Reviewer: NN6A, 14-May-2025 20:42:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

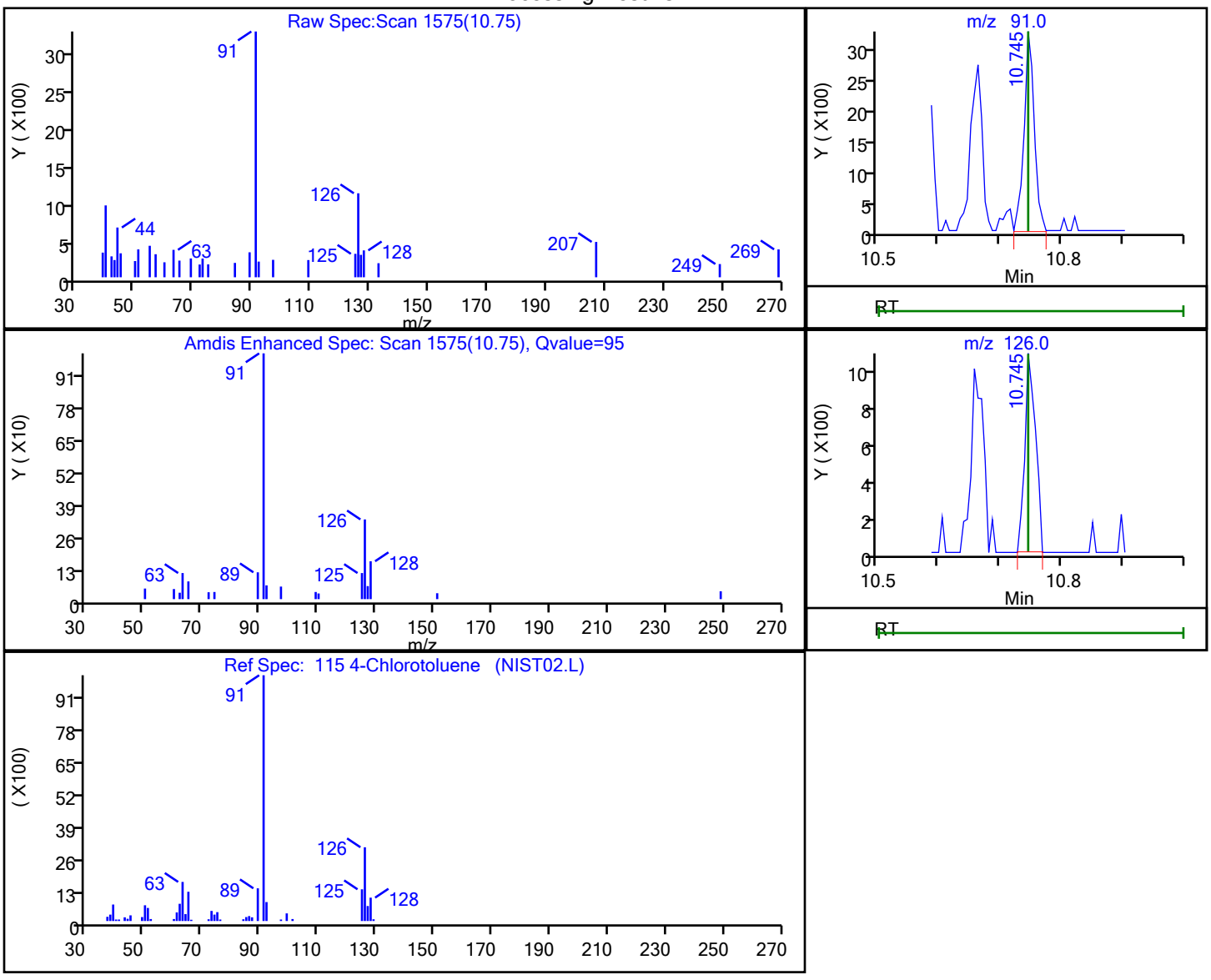
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.75	91.00	3733	0.456579
10.75	126.00	1338	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

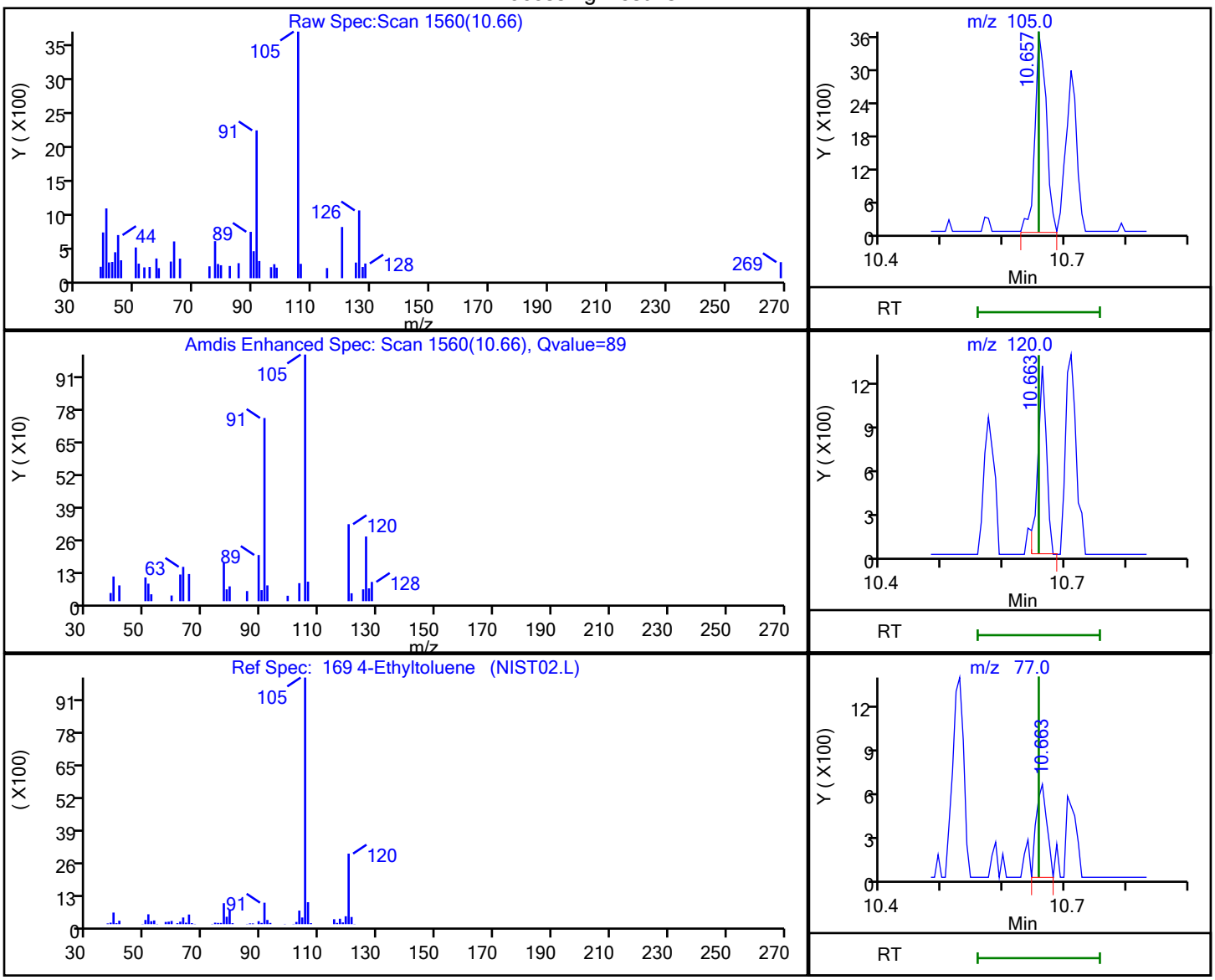
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

169 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.66	105.00	4684	0.443856
10.66	120.00	1228	
10.66	77.00	780	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

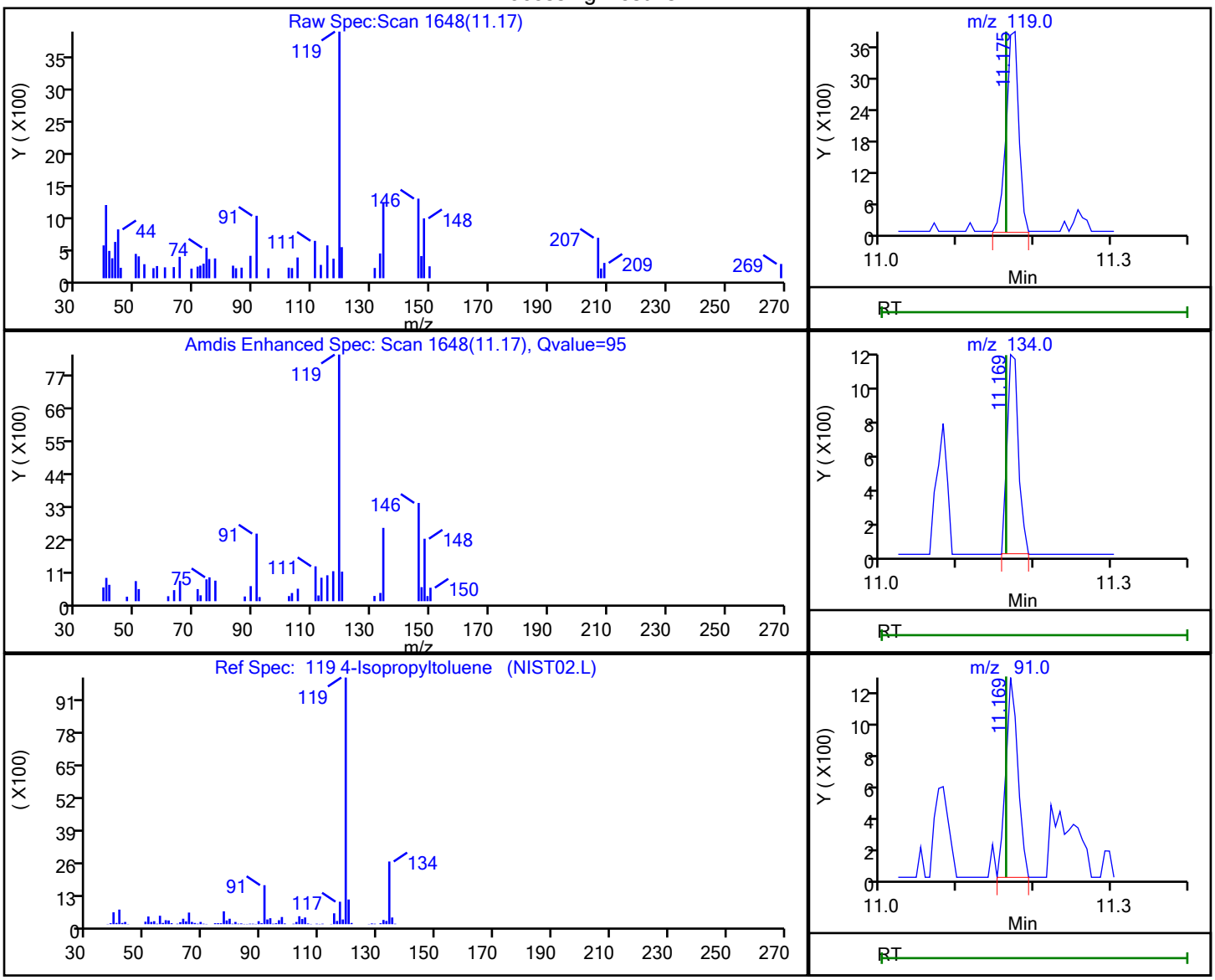
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.17	119.00	4413	0.513050
11.17	134.00	1233	
11.17	91.00	1328	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

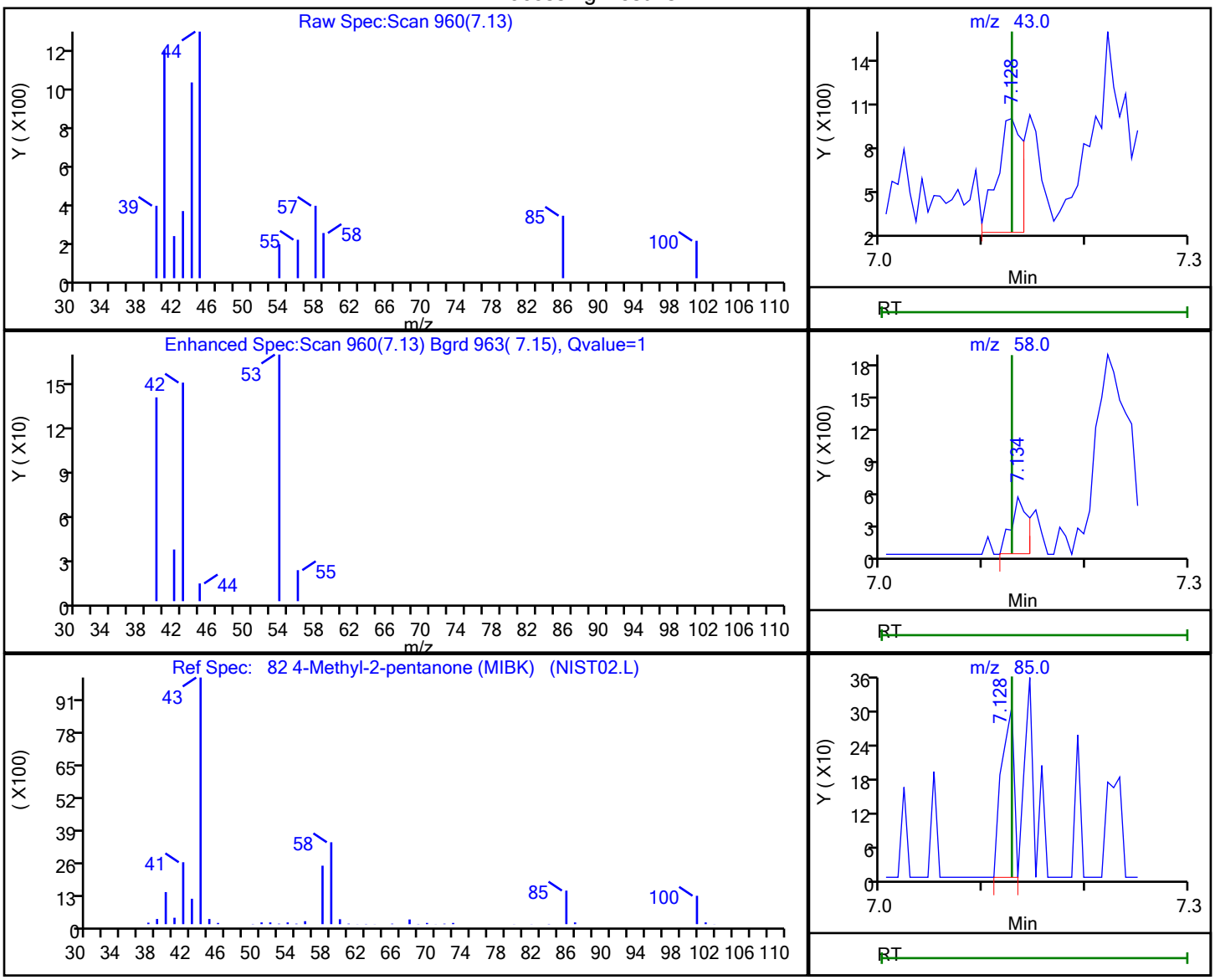
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
7.13	43.00	1278	0.867754
7.13	58.00	604	
7.13	85.00	260	
7.12	100.00	299	

Reviewer: NN6A, 14-May-2025 20:42:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

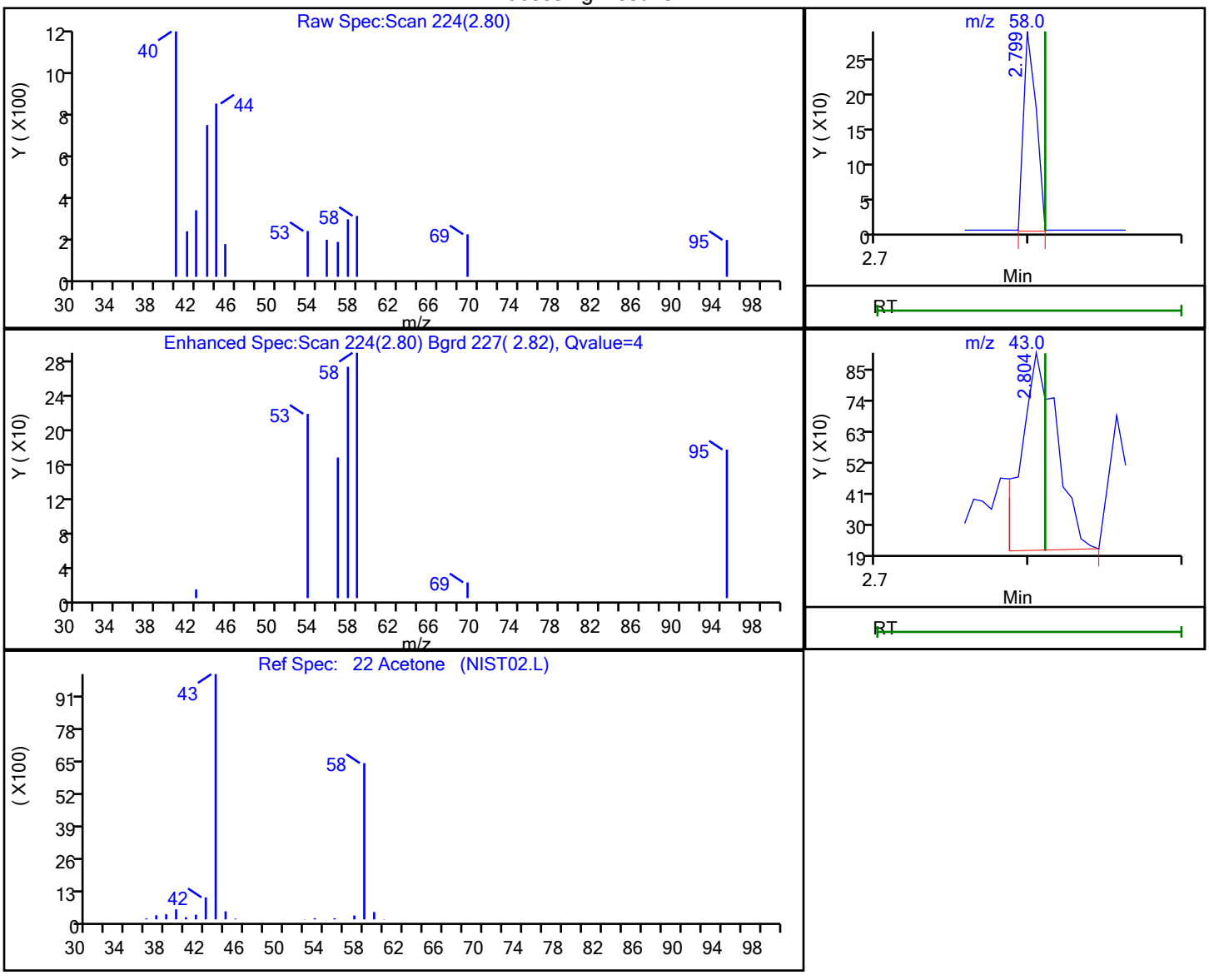
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.80	58.00	160	1.069936
2.80	43.00	1165	

Reviewer: NN6A, 14-May-2025 20:42:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

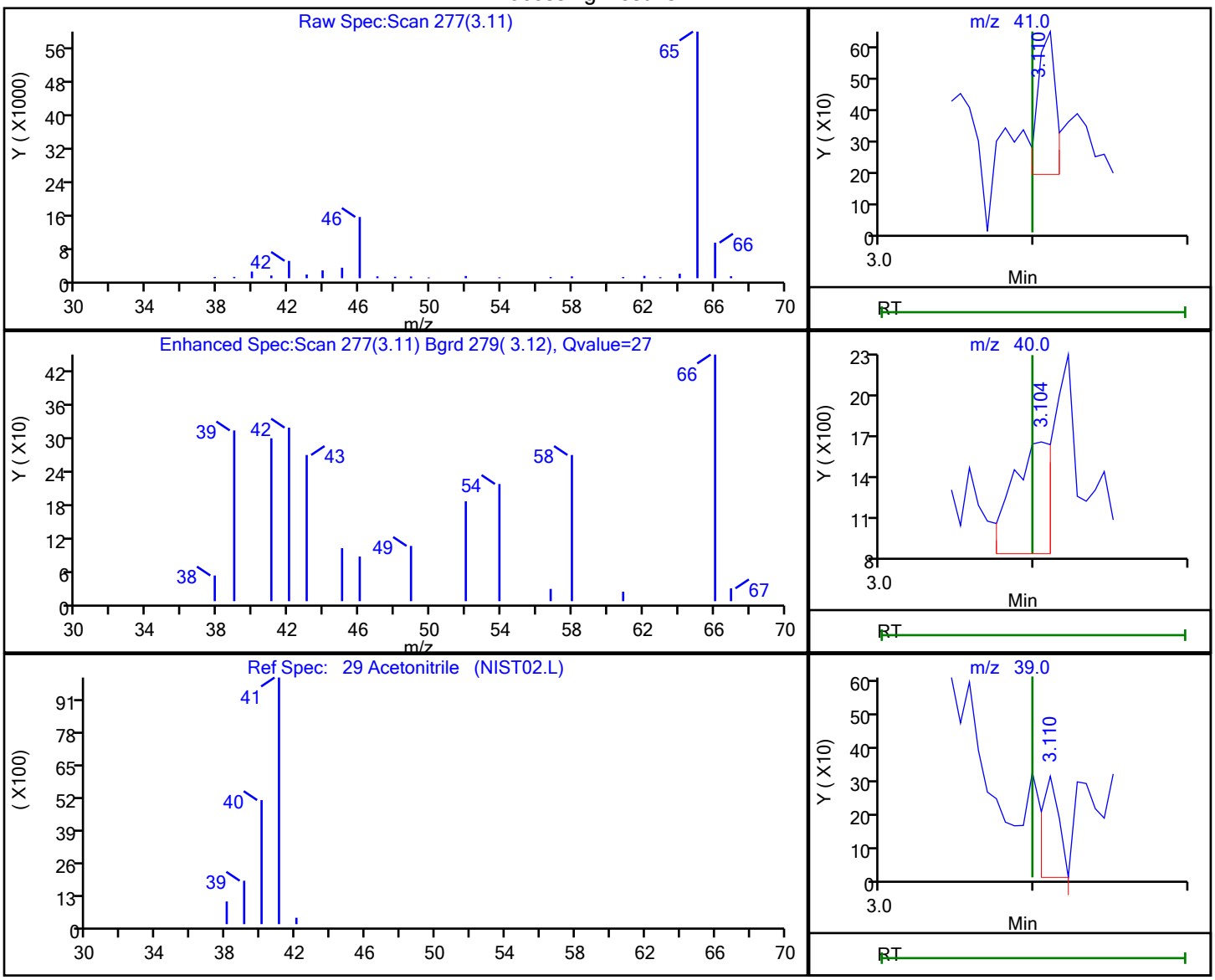
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.11	41.00	375	1.712942
3.10	40.00	1344	
3.11	39.00	241	
3.11	38.00	304	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

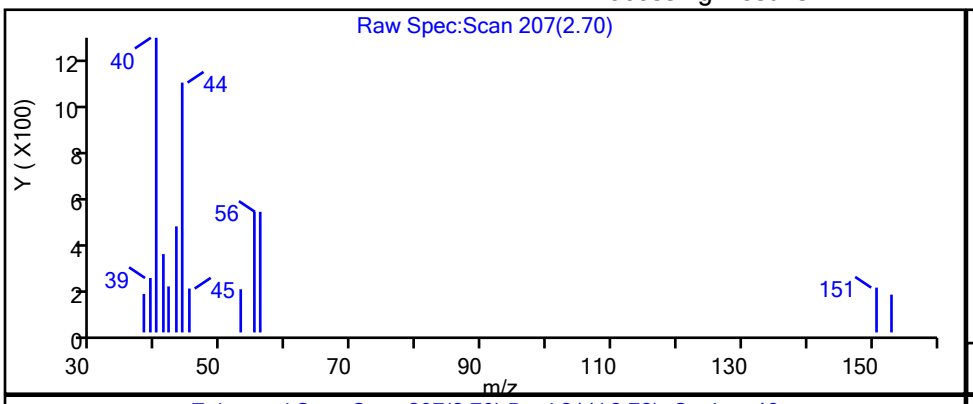
User Disabled Compound Report

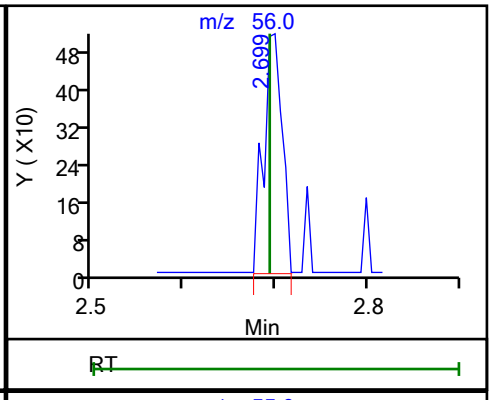
Eurofins Edison

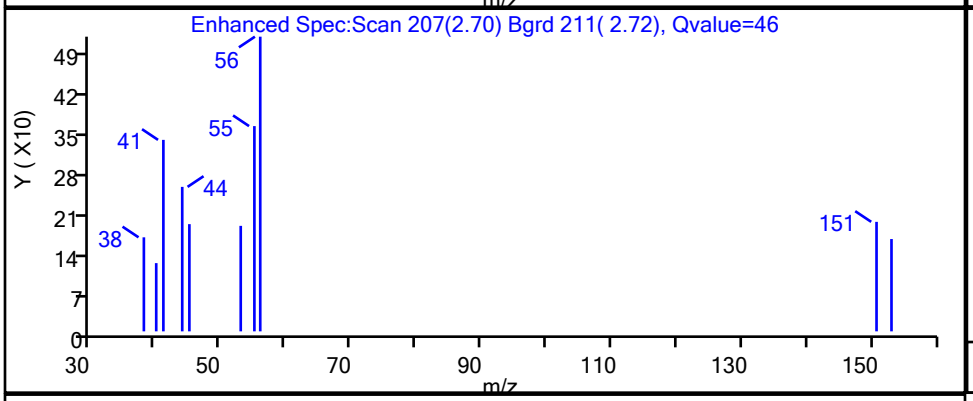
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

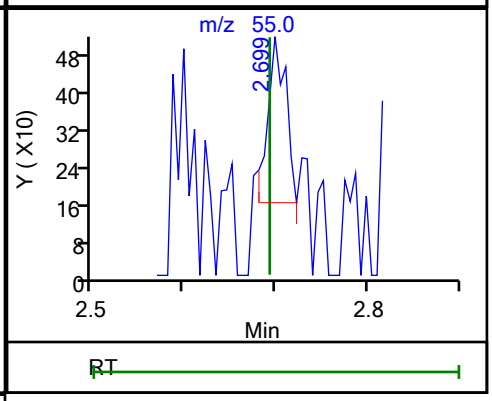
19 Acrolein, CAS: 107-02-8

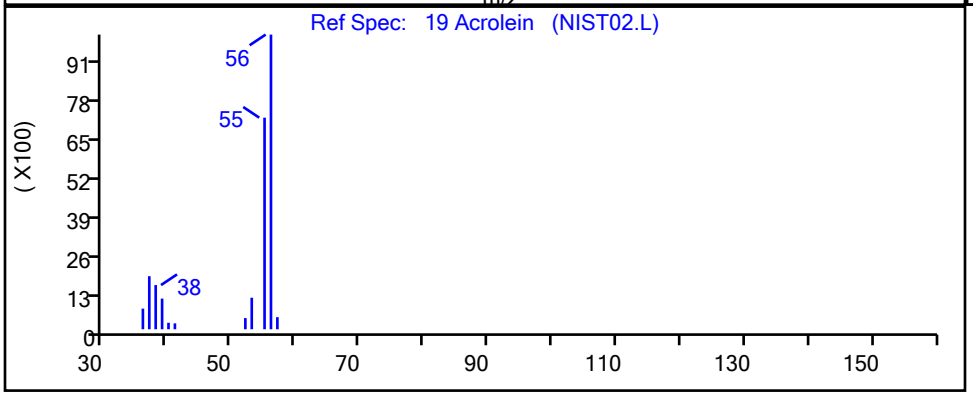
Processing Results











RT	Mass	Response	Amount
2.70	56.00	726	2.594416
2.70	55.00	495	

Reviewer: NN6A, 14-May-2025 20:42:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

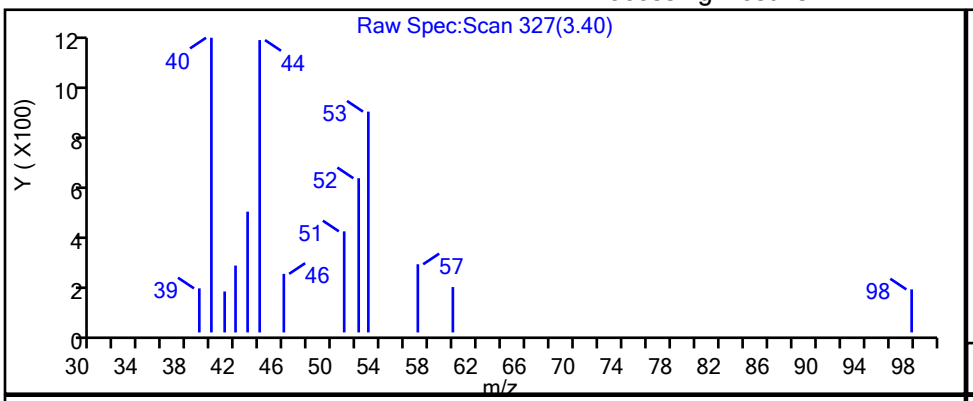
User Disabled Compound Report

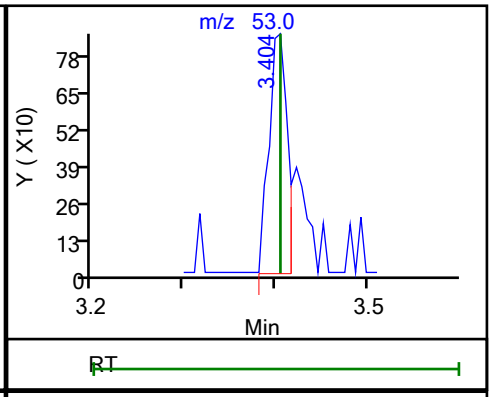
Eurofins Edison

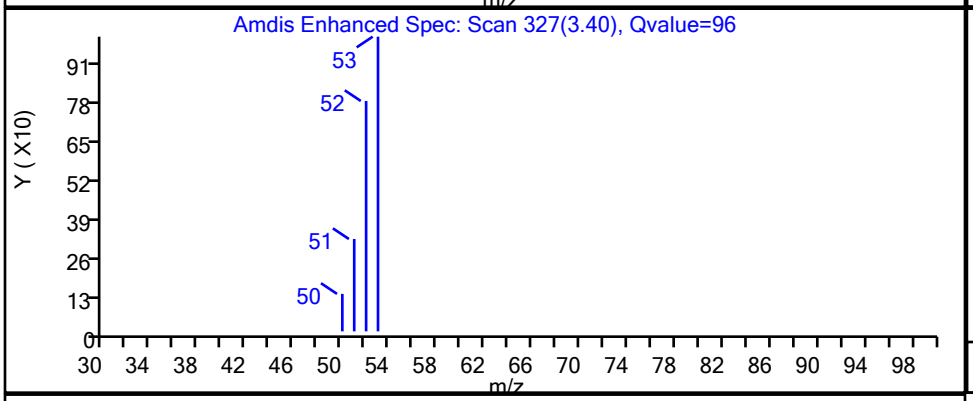
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

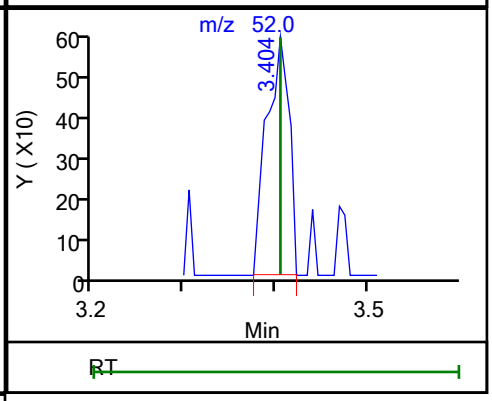
35 Acrylonitrile, CAS: 107-13-1

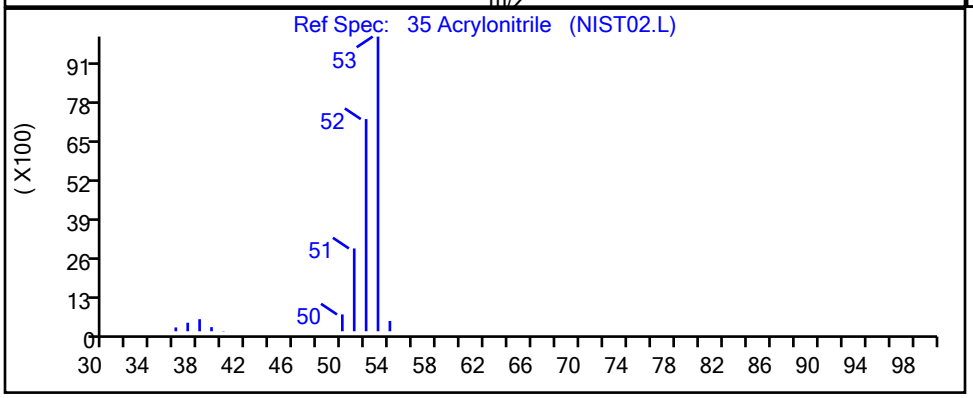
Processing Results











RT	Mass	Response	Amount
3.40	53.00	1189	2.128818
3.40	52.00	1016	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

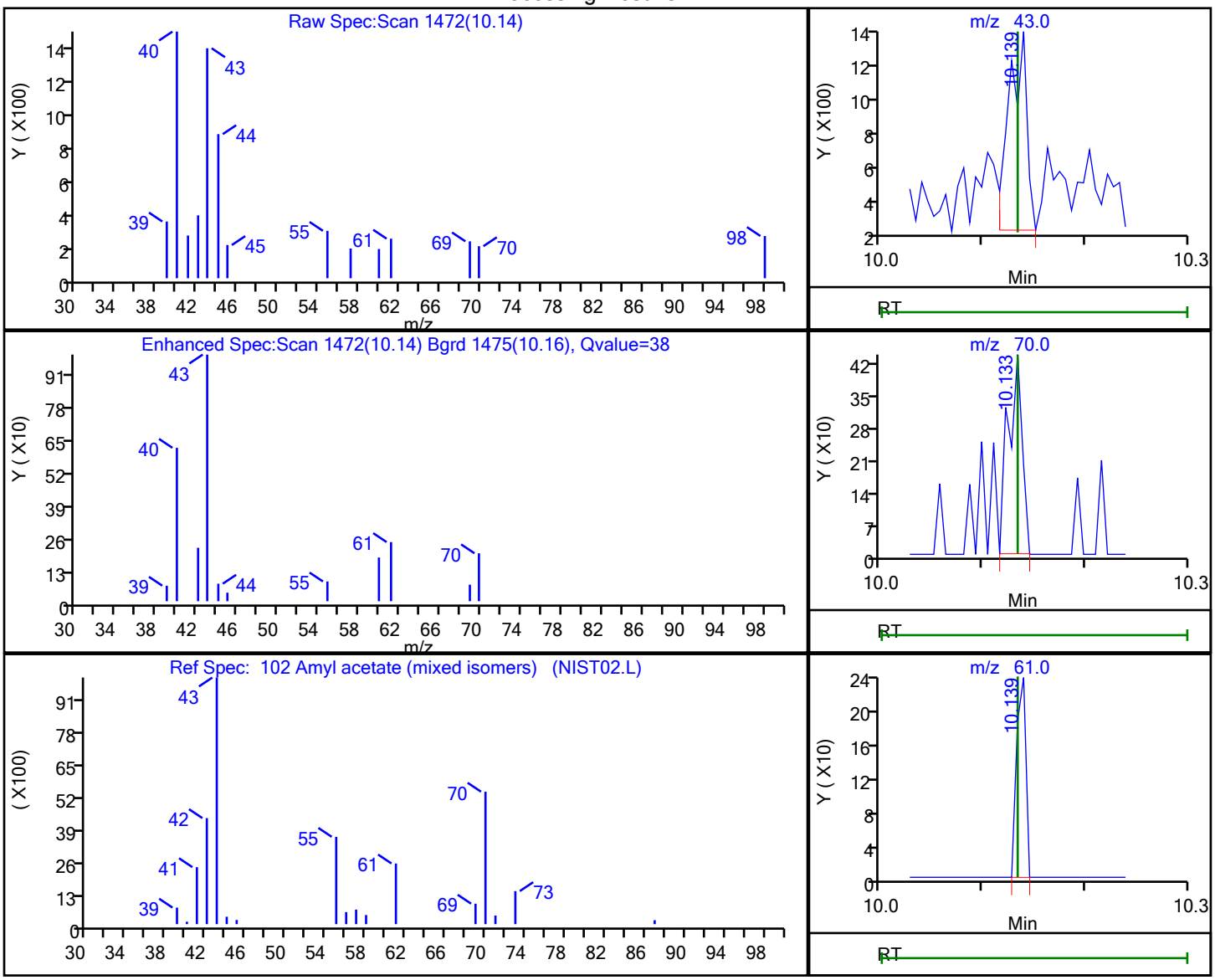
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
10.14	43.00	1387	0.484748
10.13	70.00	413	
10.14	61.00	149	

Reviewer: NN6A, 14-May-2025 20:43:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

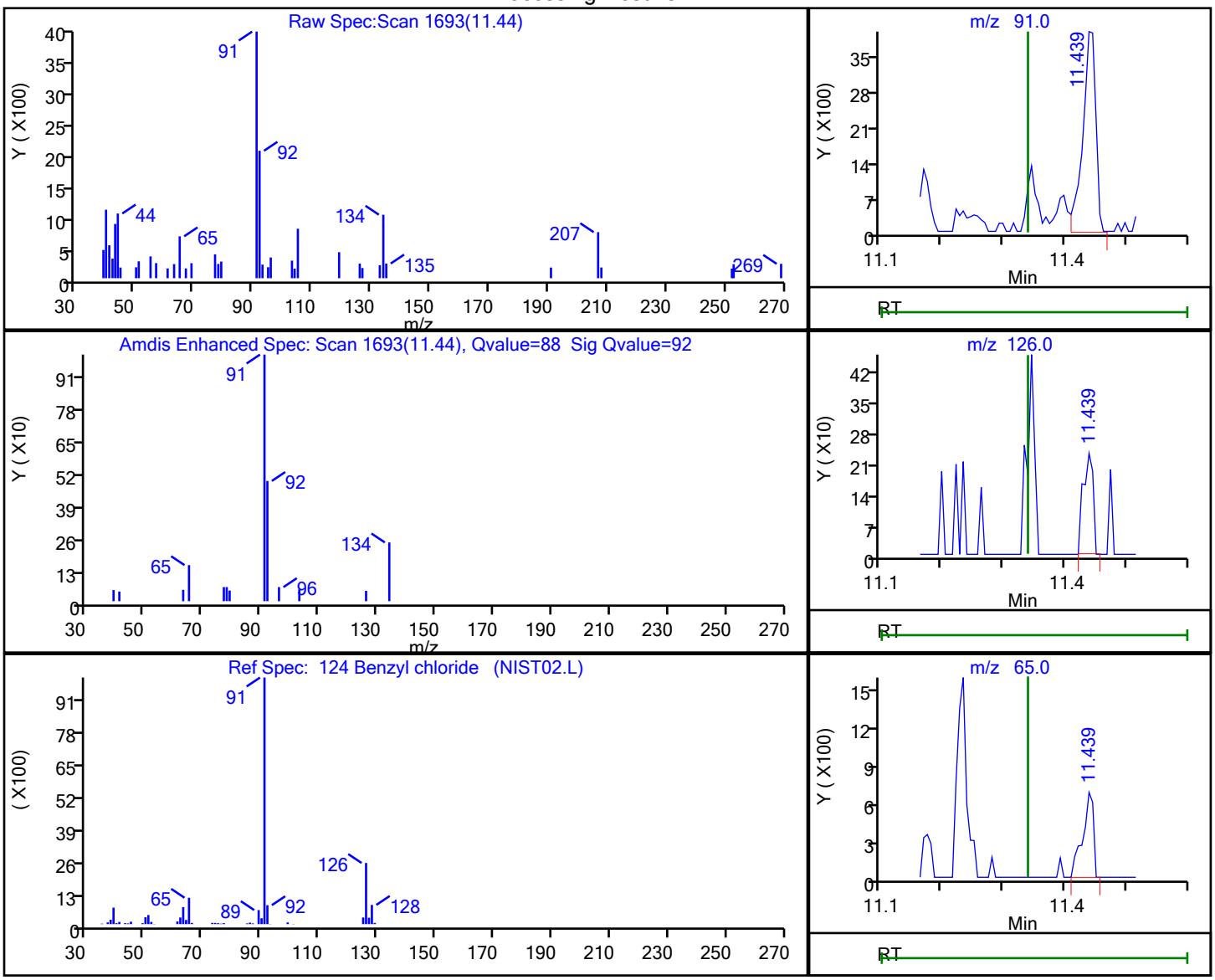
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
11.44	91.00	5757	1.455843
11.44	126.00	263	
11.44	65.00	814	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

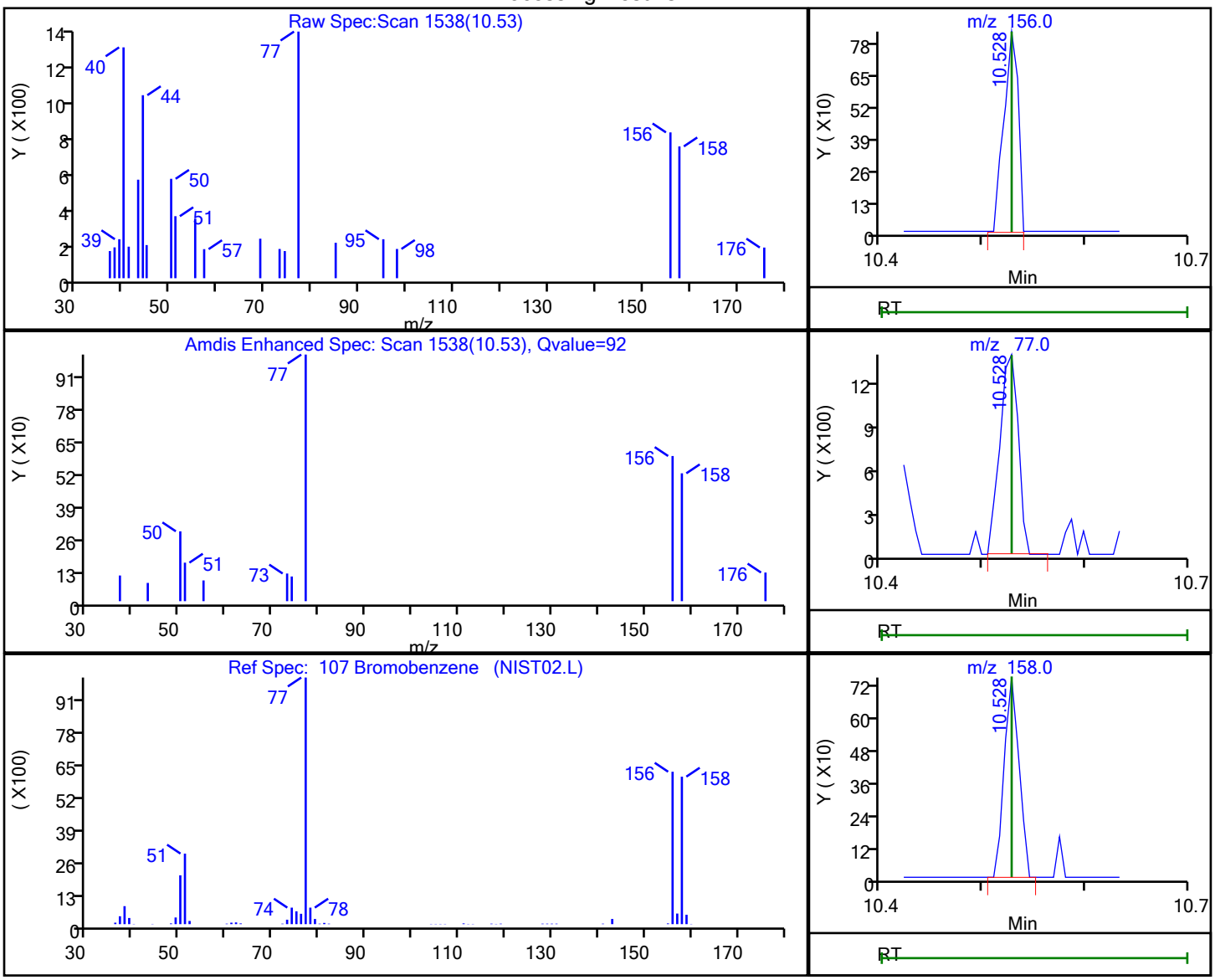
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
10.53	156.00	803	0.264174
10.53	77.00	1751	
10.53	158.00	747	

Reviewer: NN6A, 14-May-2025 20:43:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

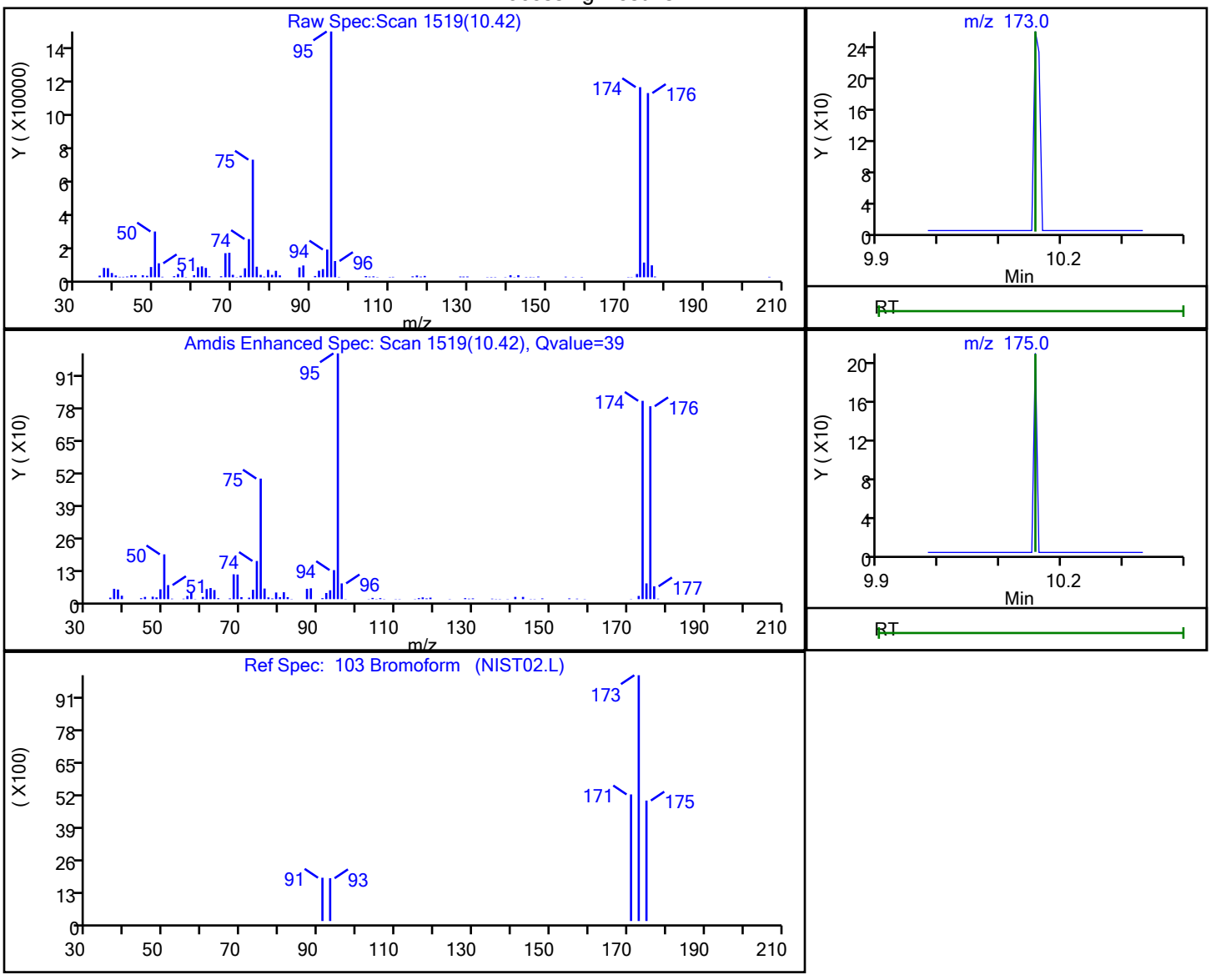
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
10.42	173.00	2380	0.838688
10.42	175.00	11010	

Reviewer: NN6A, 14-May-2025 20:43:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

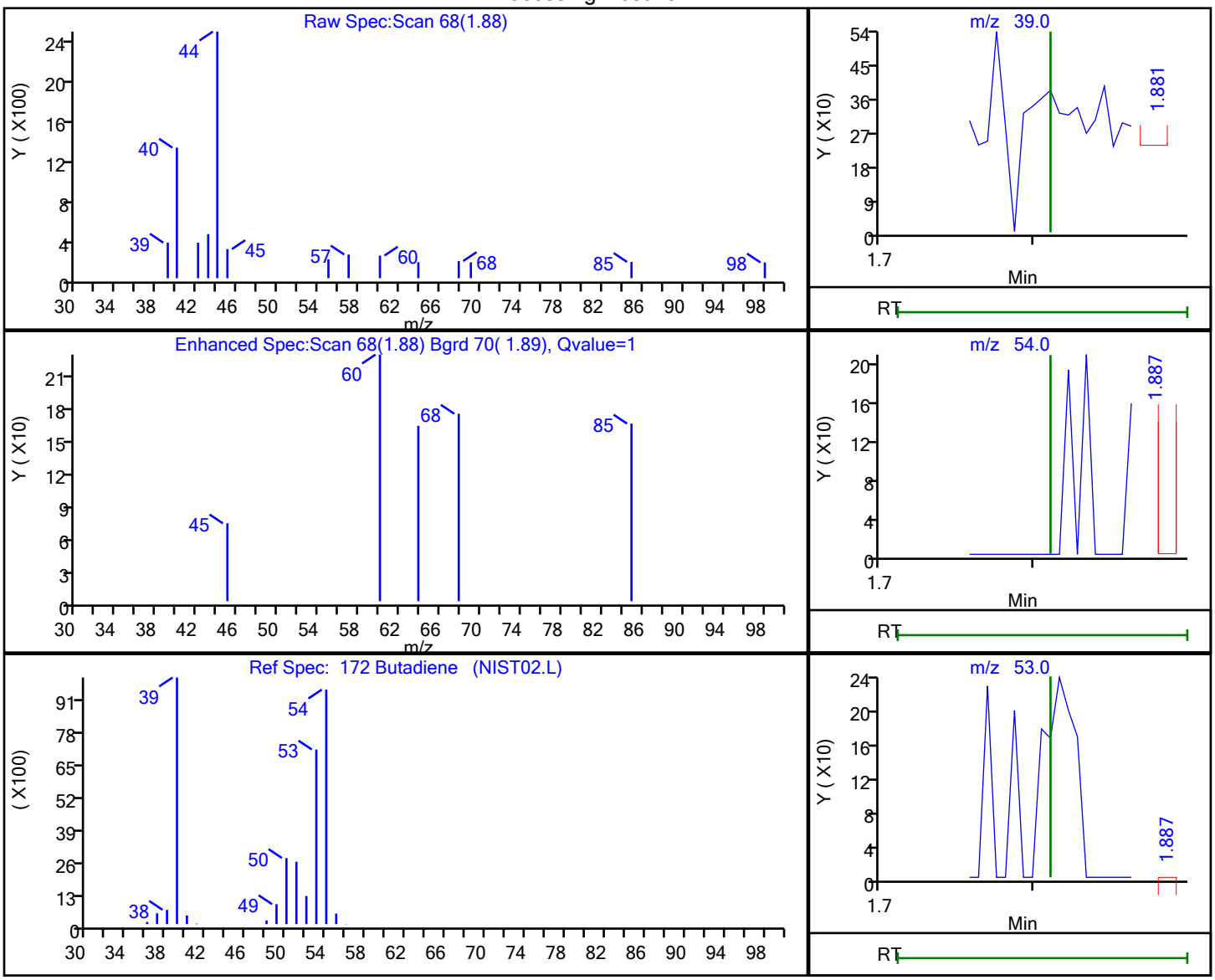
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

172 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
1.88	39.00	94	0.035483
1.89	54.00	94	
1.89	53.00	61	

Reviewer: NN6A, 14-May-2025 20:42:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

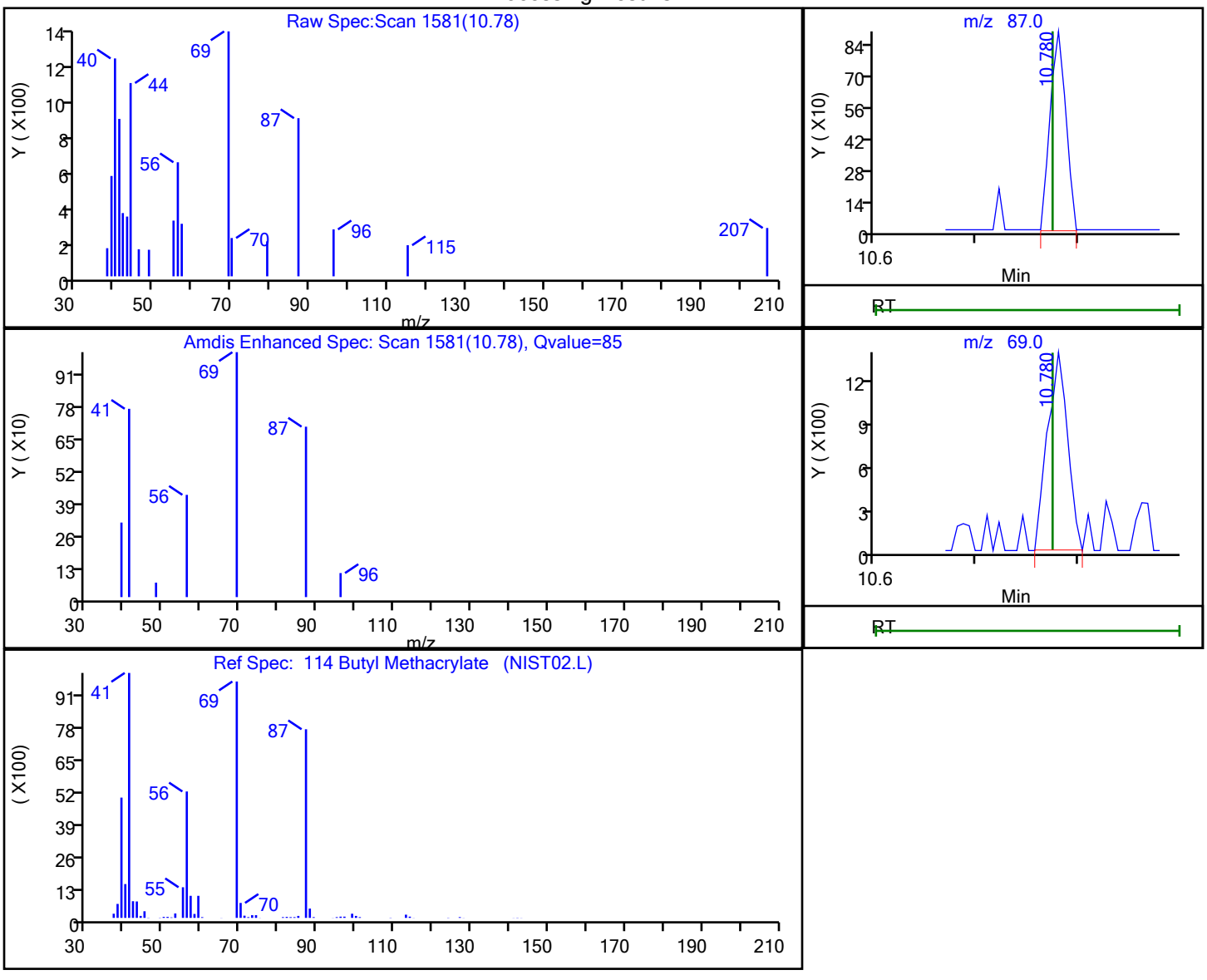
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
10.78	87.00	971	0.279864
10.78	69.00	1932	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

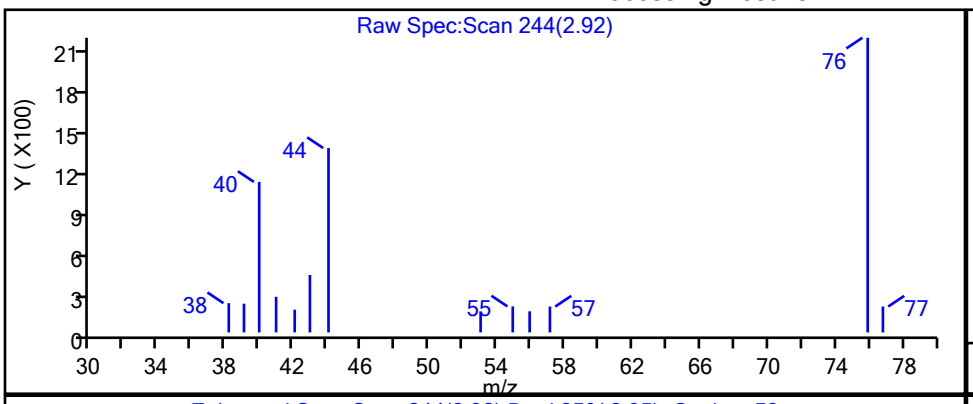
User Disabled Compound Report

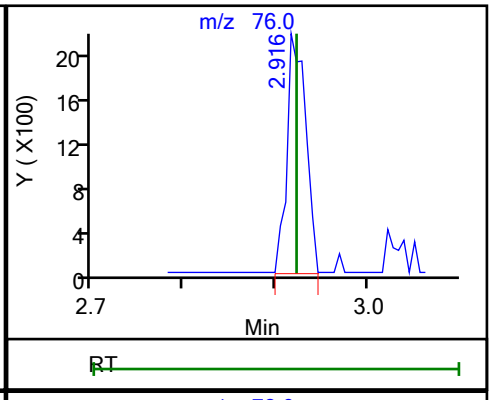
Eurofins Edison

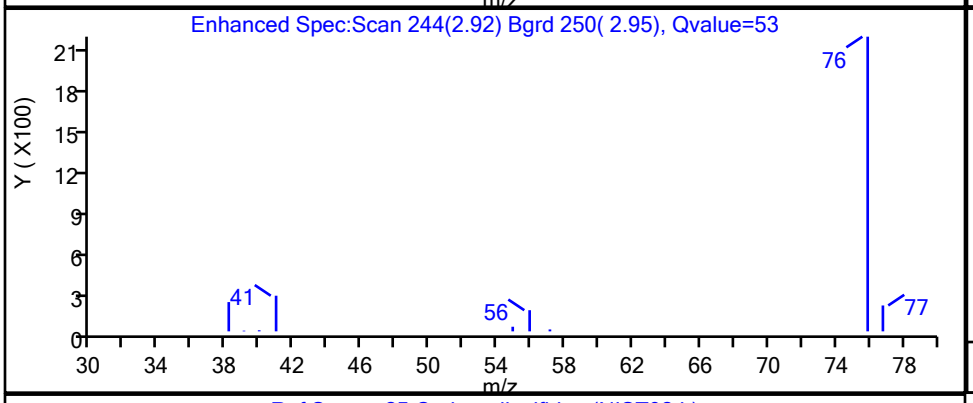
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

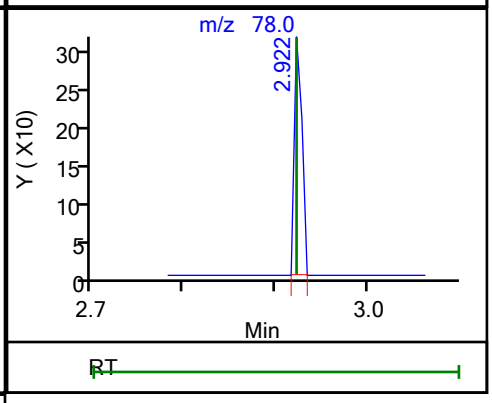
25 Carbon disulfide, CAS: 75-15-0

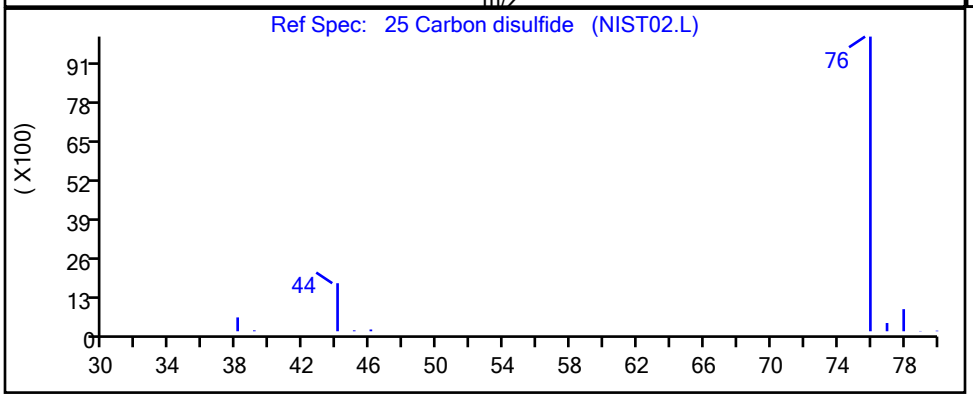
Processing Results











RT	Mass	Response	Amount
2.92	76.00	3095	0.452789
2.92	78.00	184	

Reviewer: NN6A, 14-May-2025 20:42:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

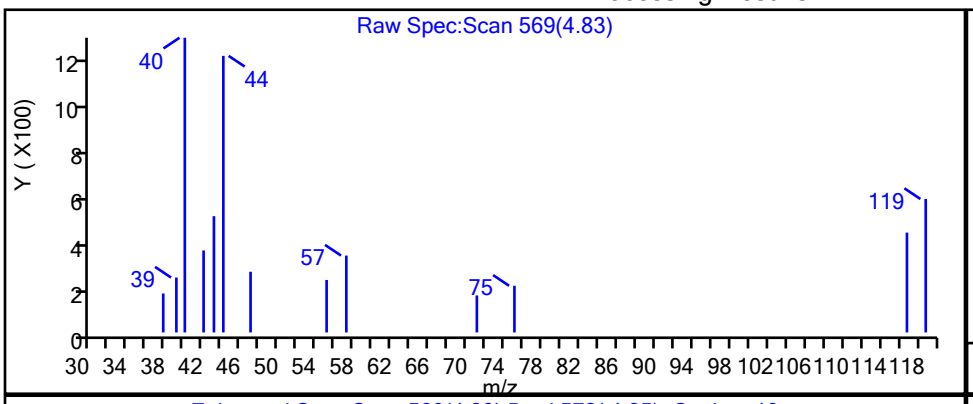
User Disabled Compound Report

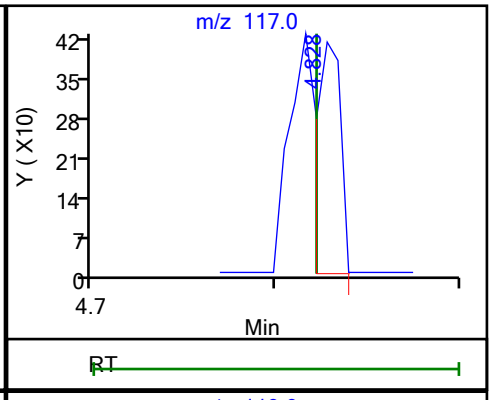
Eurofins Edison

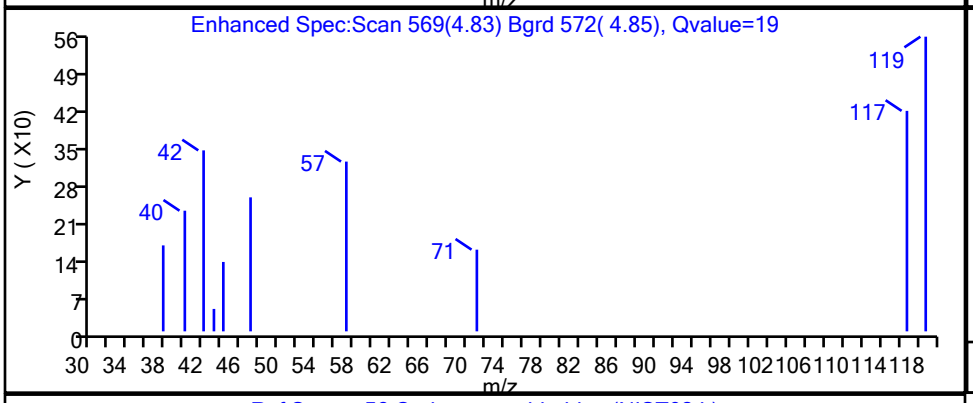
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

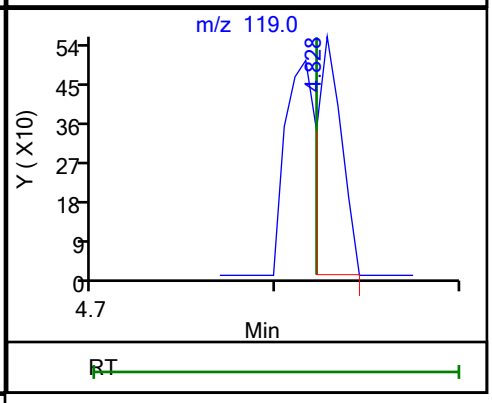
56 Carbon tetrachloride, CAS: 56-23-5

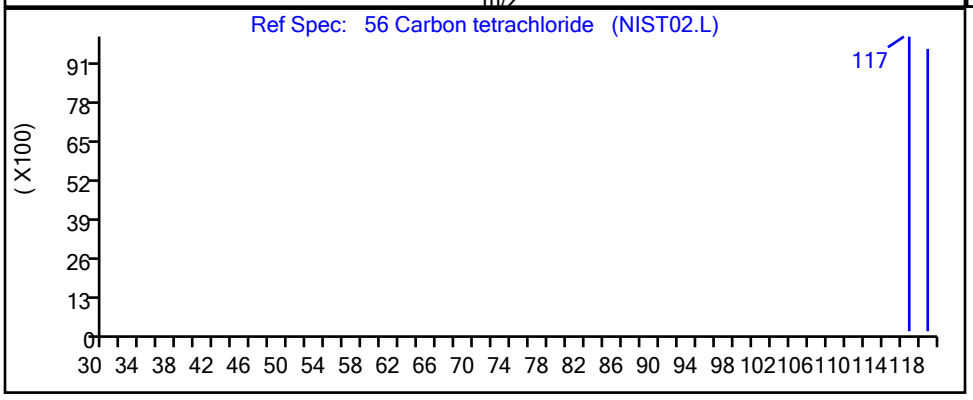
Processing Results











RT	Mass	Response	Amount
4.83	117.00	377	0.113457
4.83	119.00	515	

Reviewer: NN6A, 14-May-2025 20:42:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

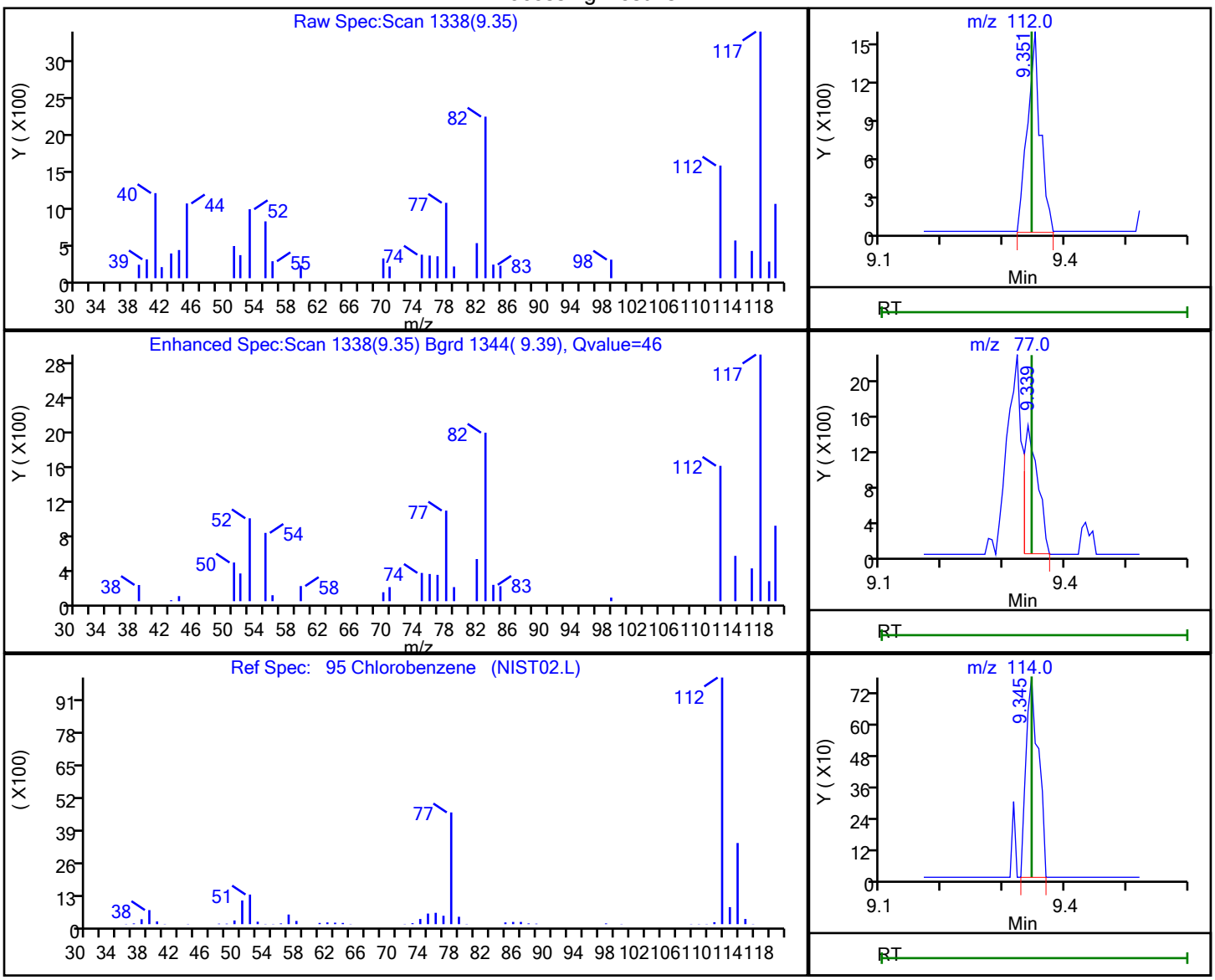
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
9.35	112.00	2255	0.284143
9.34	77.00	2196	
9.35	114.00	1094	

Reviewer: NN6A, 14-May-2025 20:43:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

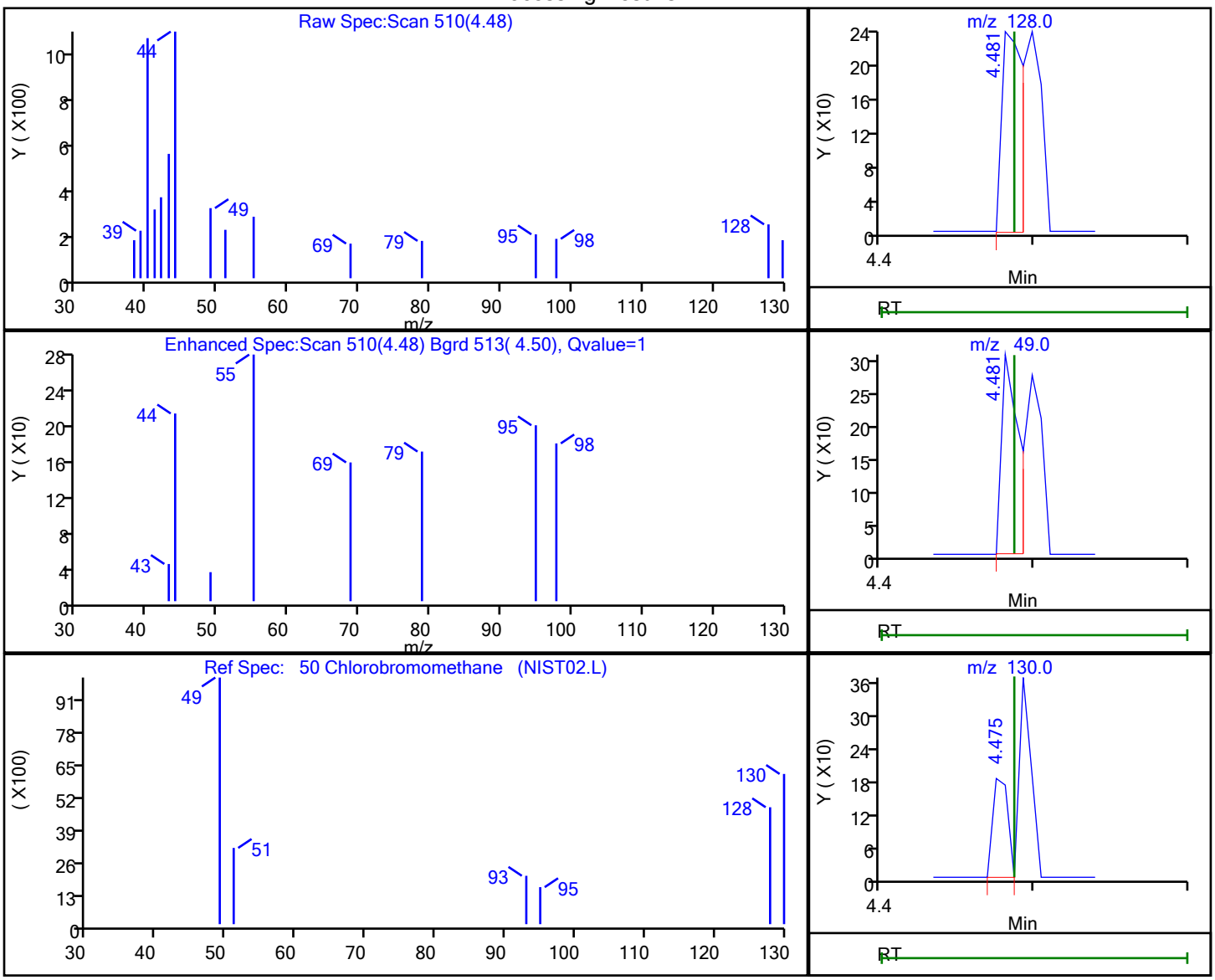
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
4.48	128.00	233	0.176670
4.48	49.00	244	
4.47	130.00	123	

Reviewer: NN6A, 14-May-2025 20:42:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

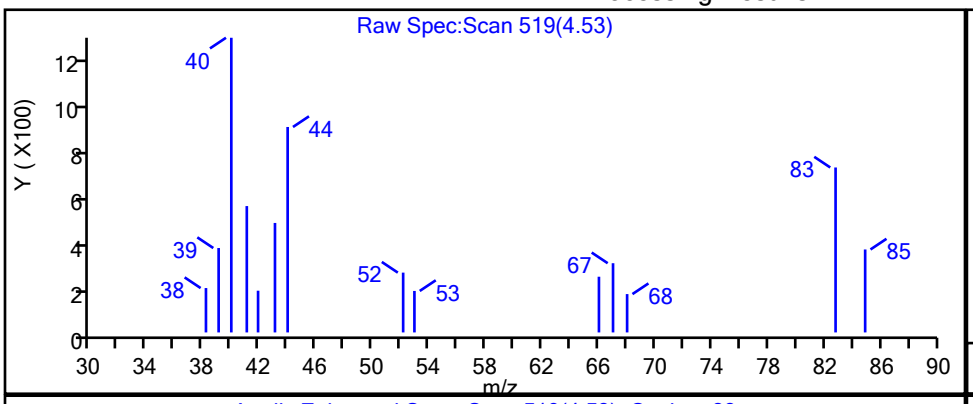
User Disabled Compound Report

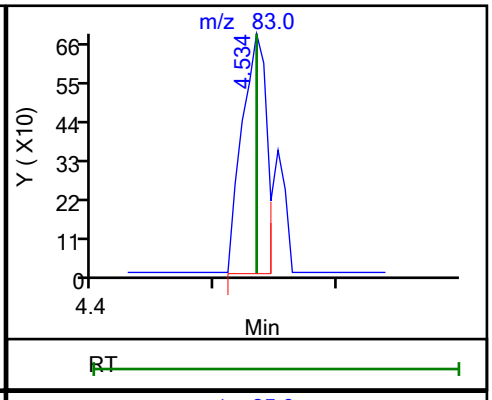
Eurofins Edison

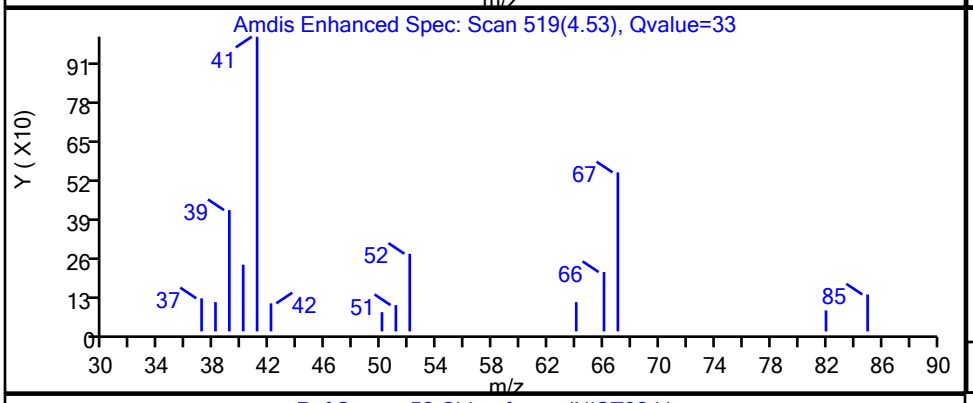
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

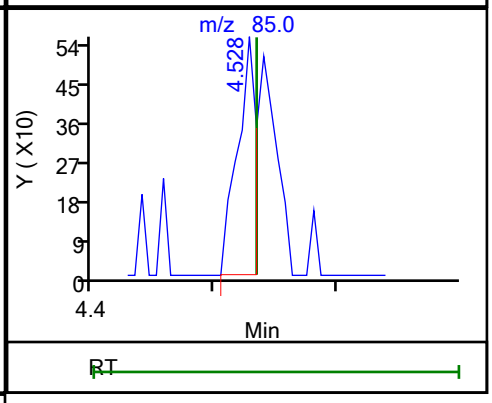
52 Chloroform, CAS: 67-66-3

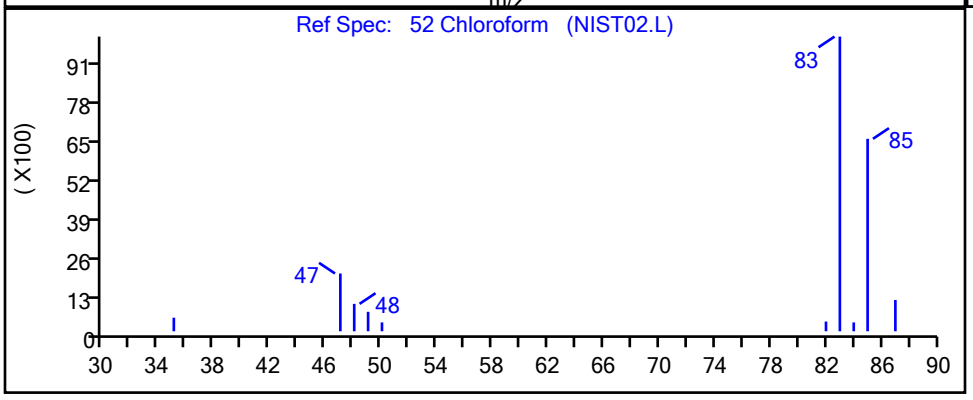
Processing Results











RT	Mass	Response	Amount
4.53	83.00	960	0.184988
4.53	85.00	593	

Reviewer: NN6A, 14-May-2025 20:42:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

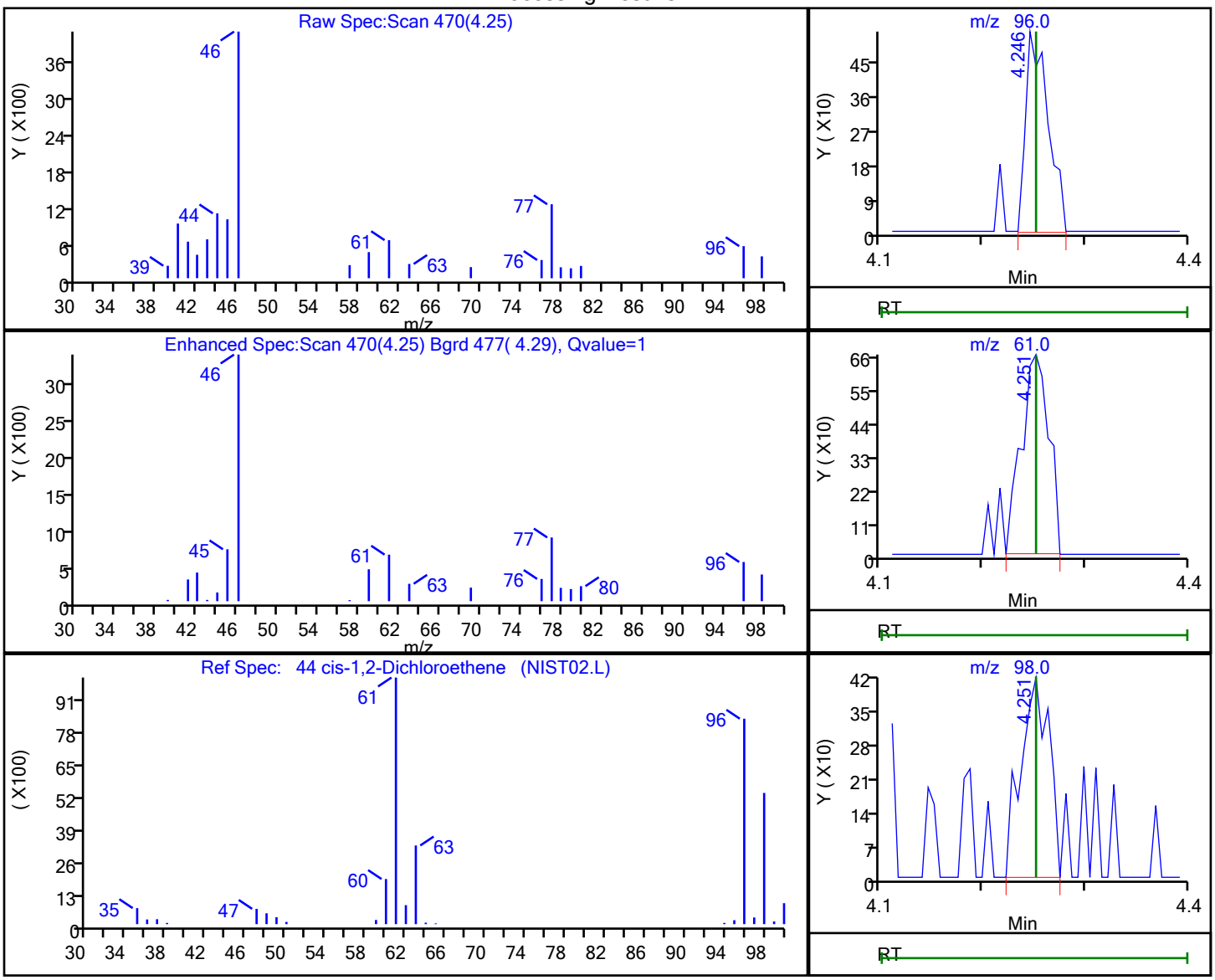
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
4.25	96.00	803	0.236004
4.25	61.00	1249	
4.25	98.00	807	

Reviewer: NN6A, 14-May-2025 20:42:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

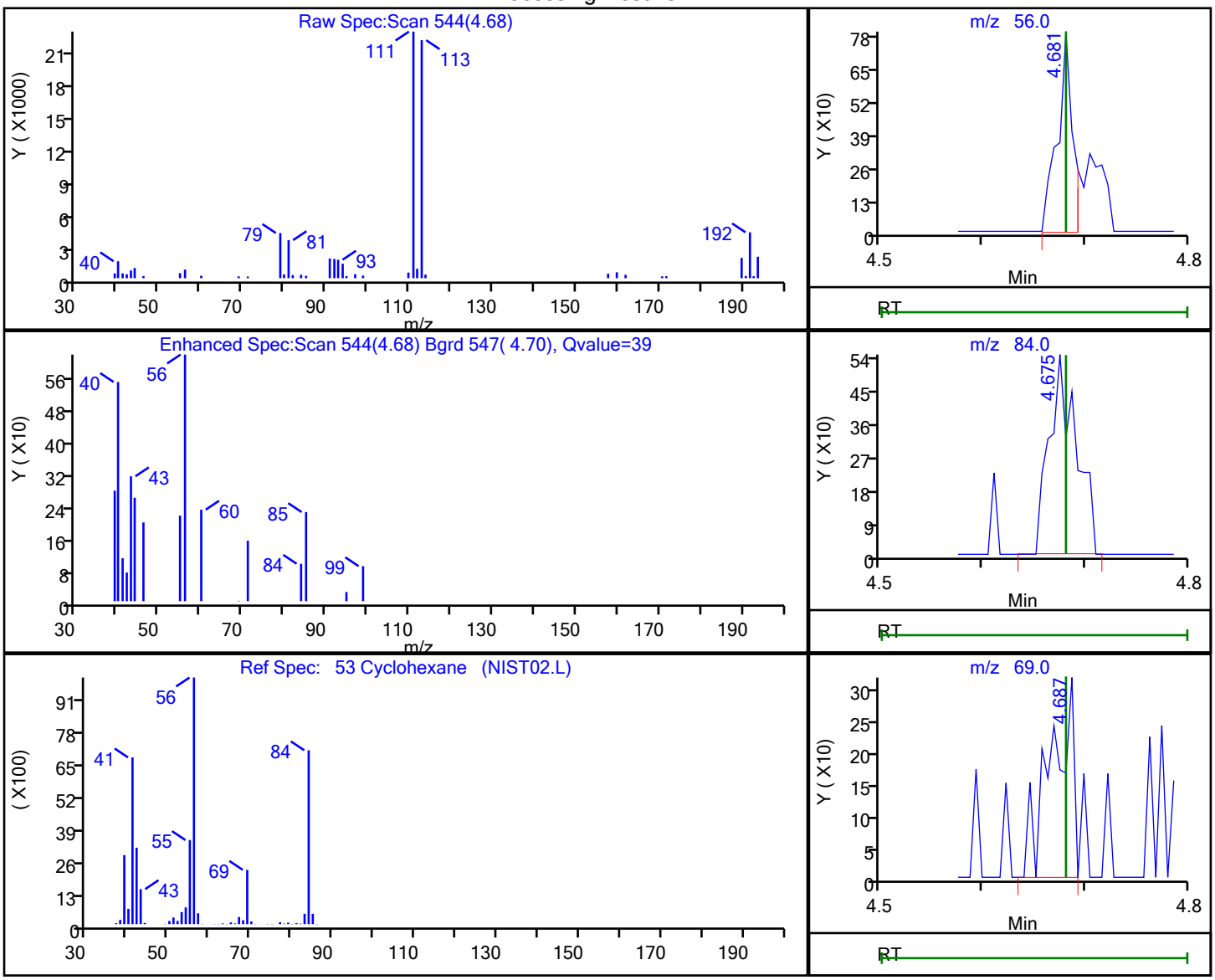
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D		
Injection Date:	14-May-2025 10:21:30	Instrument ID:	CVOAMS1
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.68	56.00	821	0.213089
4.67	84.00	1003	
4.69	69.00	501	

Reviewer: NN6A, 14-May-2025 20:42:17 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

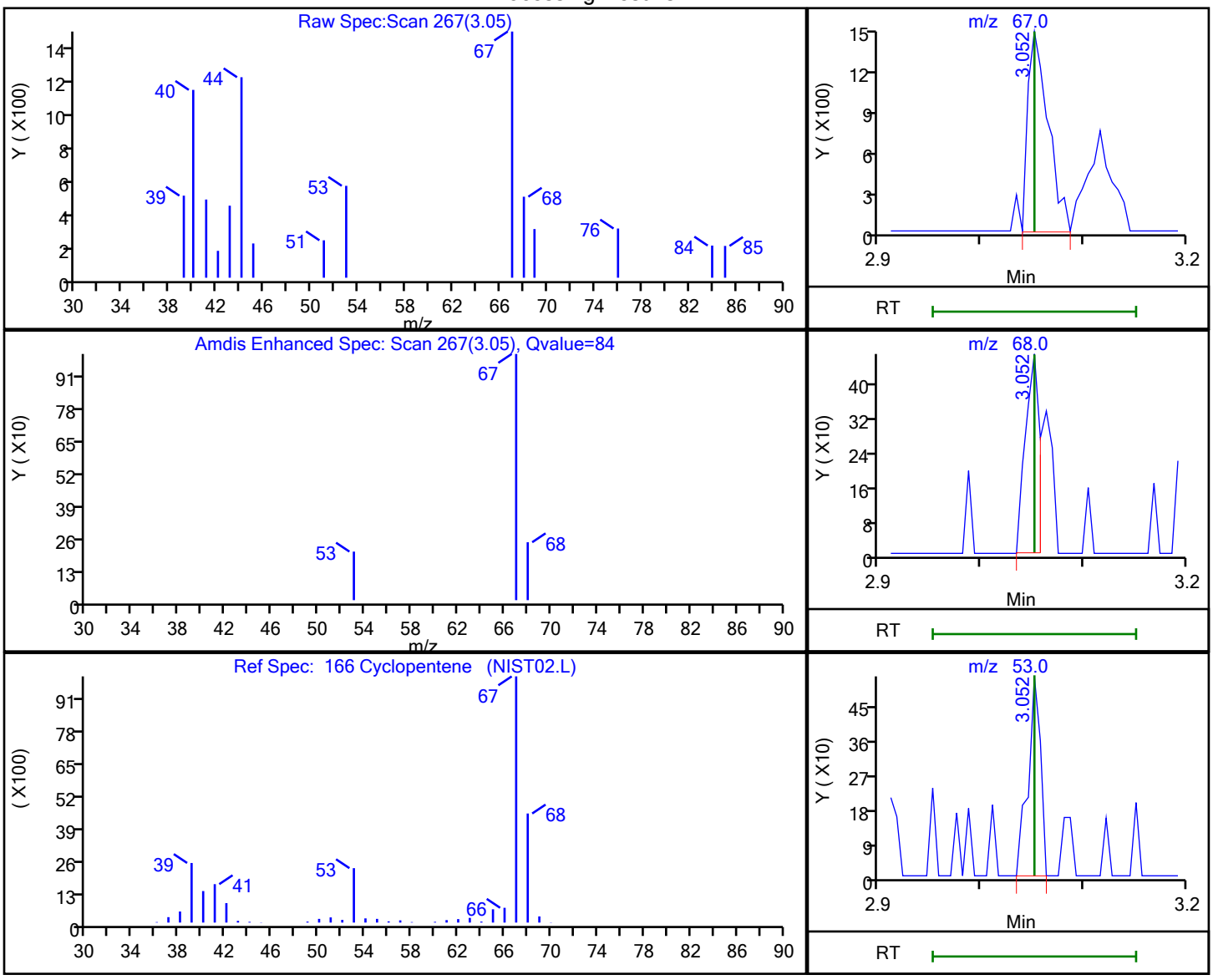
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

166 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
3.05	67.00	1935	0.263235
3.05	68.00	450	
3.05	53.00	447	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

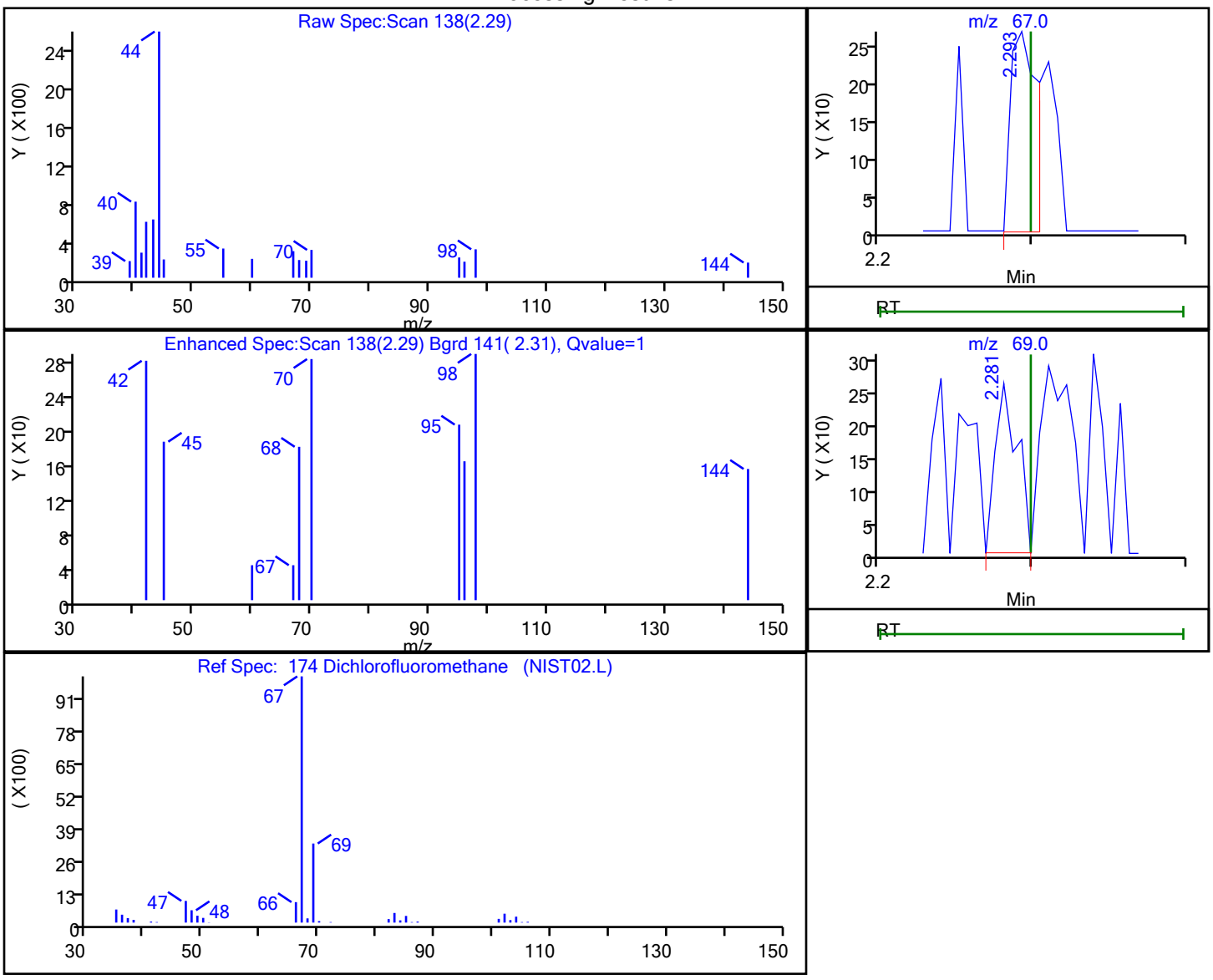
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

174 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.29	67.00	327	0.052275
2.28	69.00	261	

Reviewer: NN6A, 14-May-2025 20:42:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

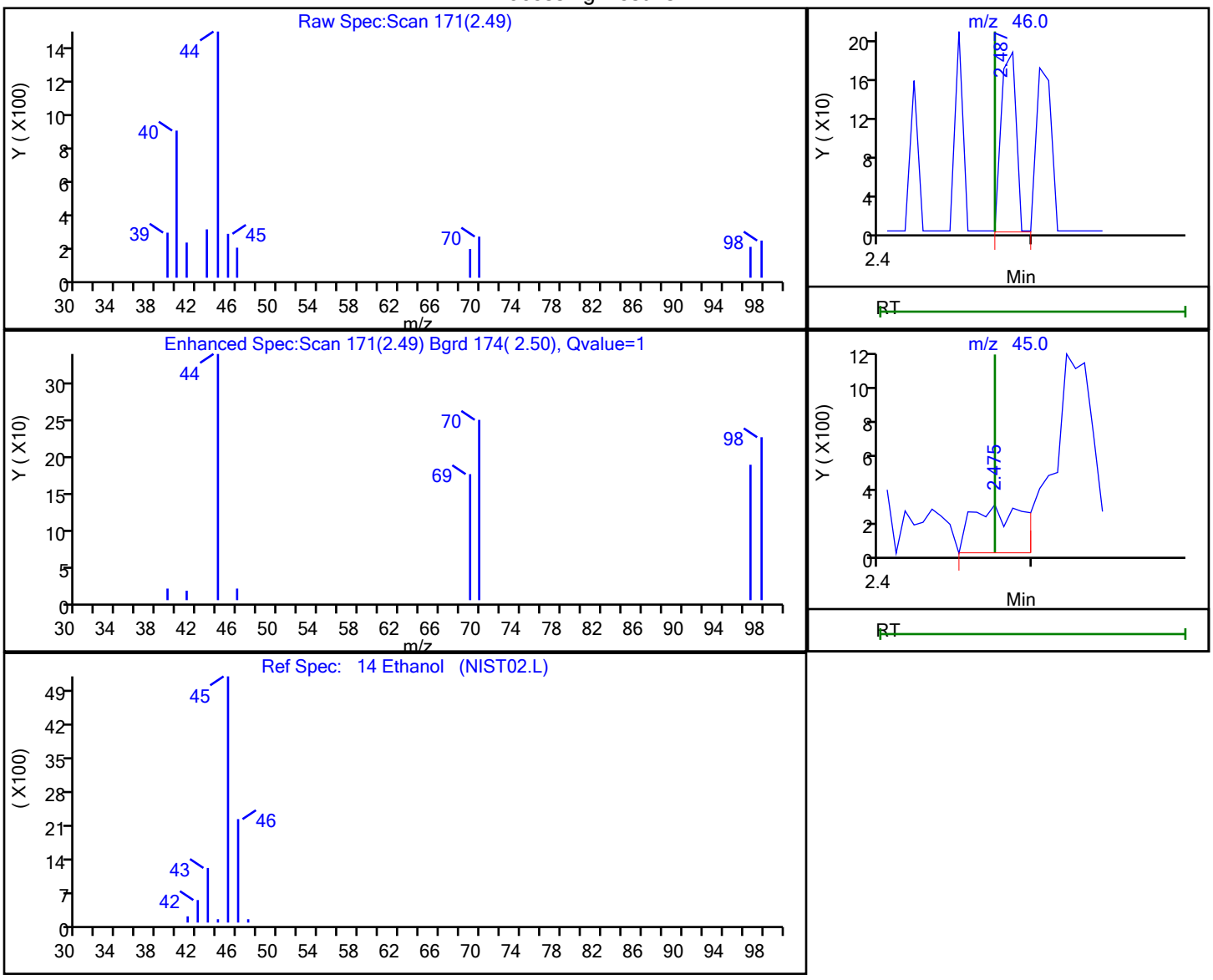
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.49	46.00	122	12.251016
2.48	45.00	669	

Reviewer: NN6A, 14-May-2025 20:42:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

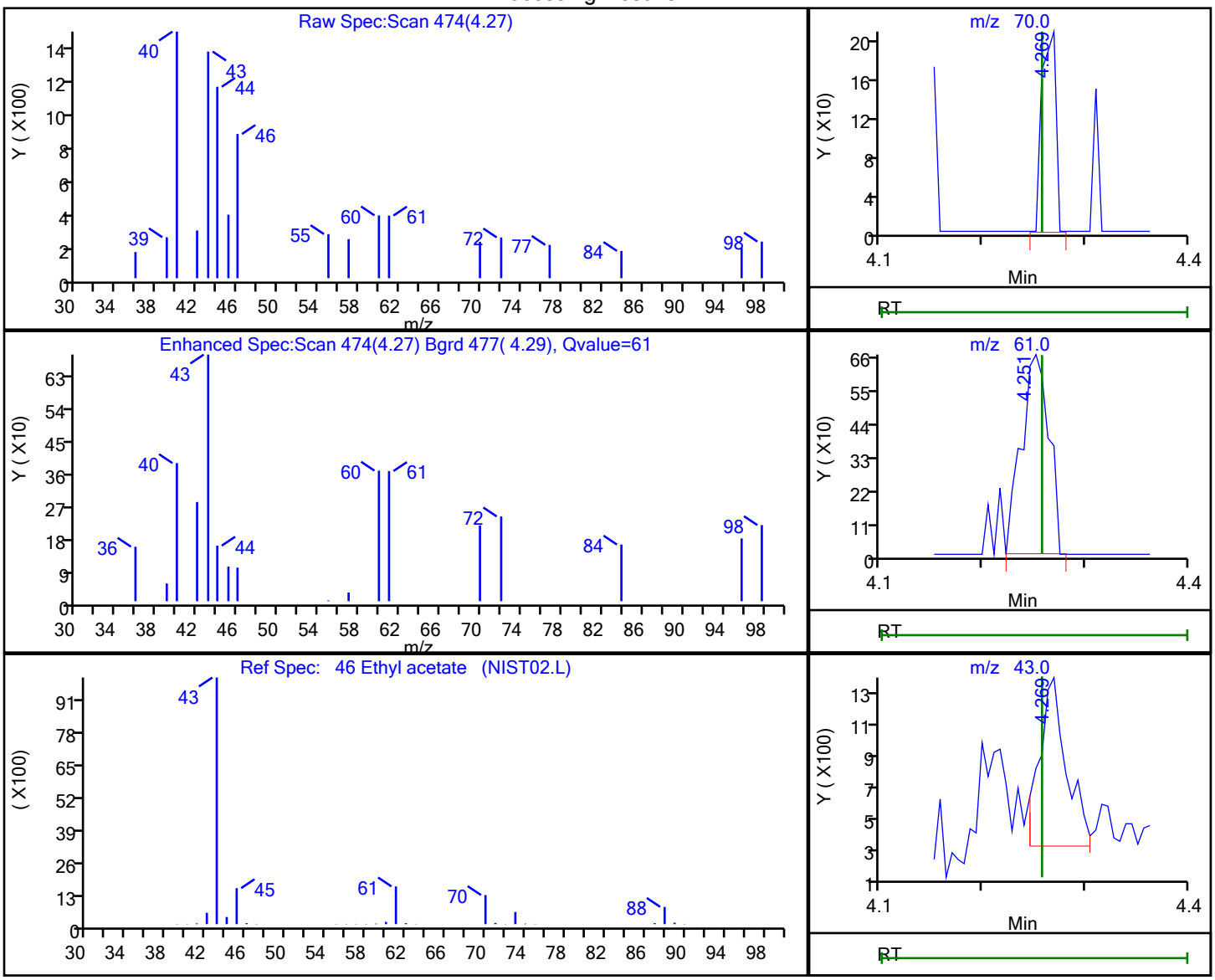
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.27	70.00	201	0.994122
4.25	61.00	1249	
4.27	43.00	1773	

Reviewer: NN6A, 14-May-2025 20:42:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

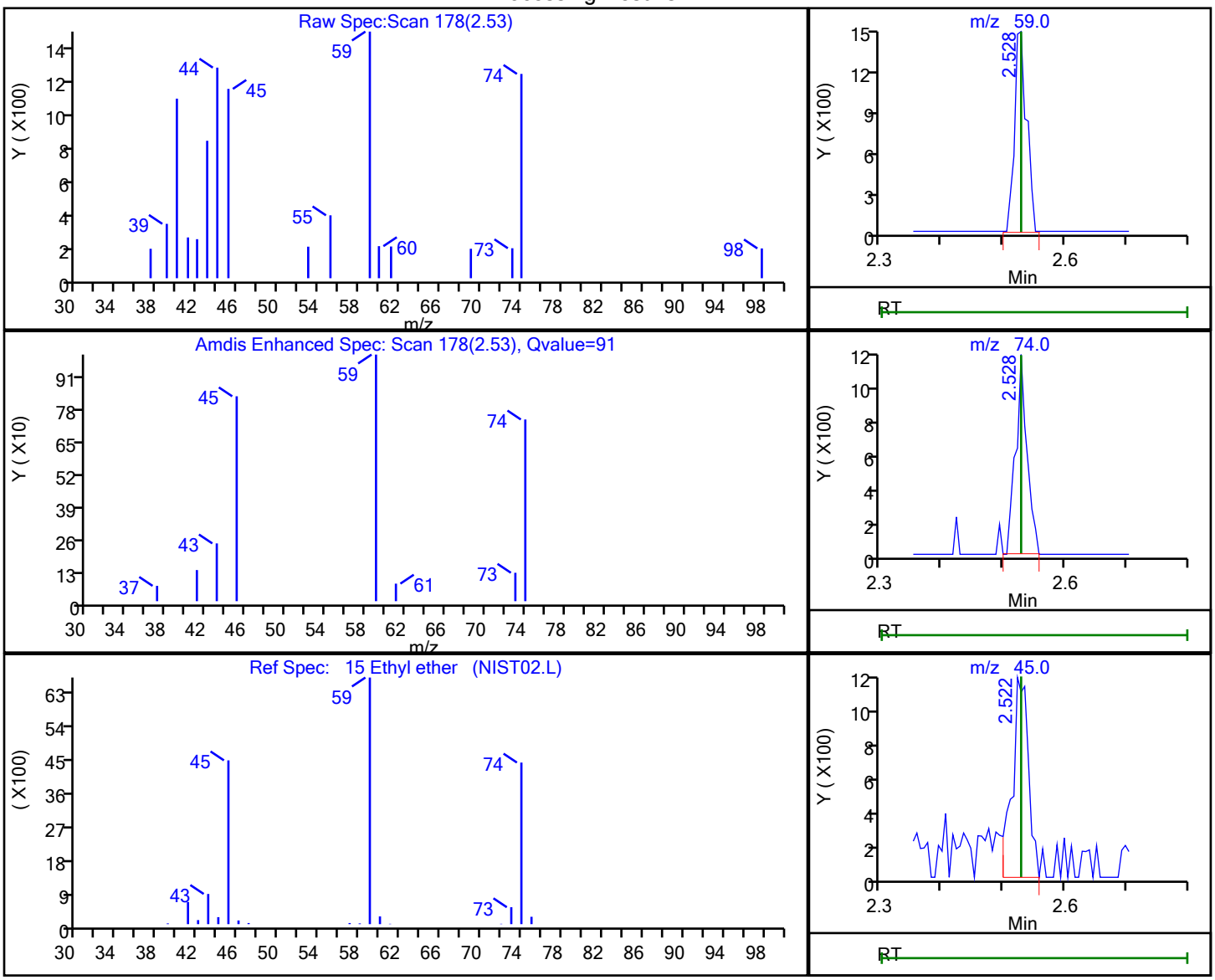
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.53	59.00	1937	1.009812
2.53	74.00	1524	
2.52	45.00	2151	

Reviewer: NN6A, 14-May-2025 20:42:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

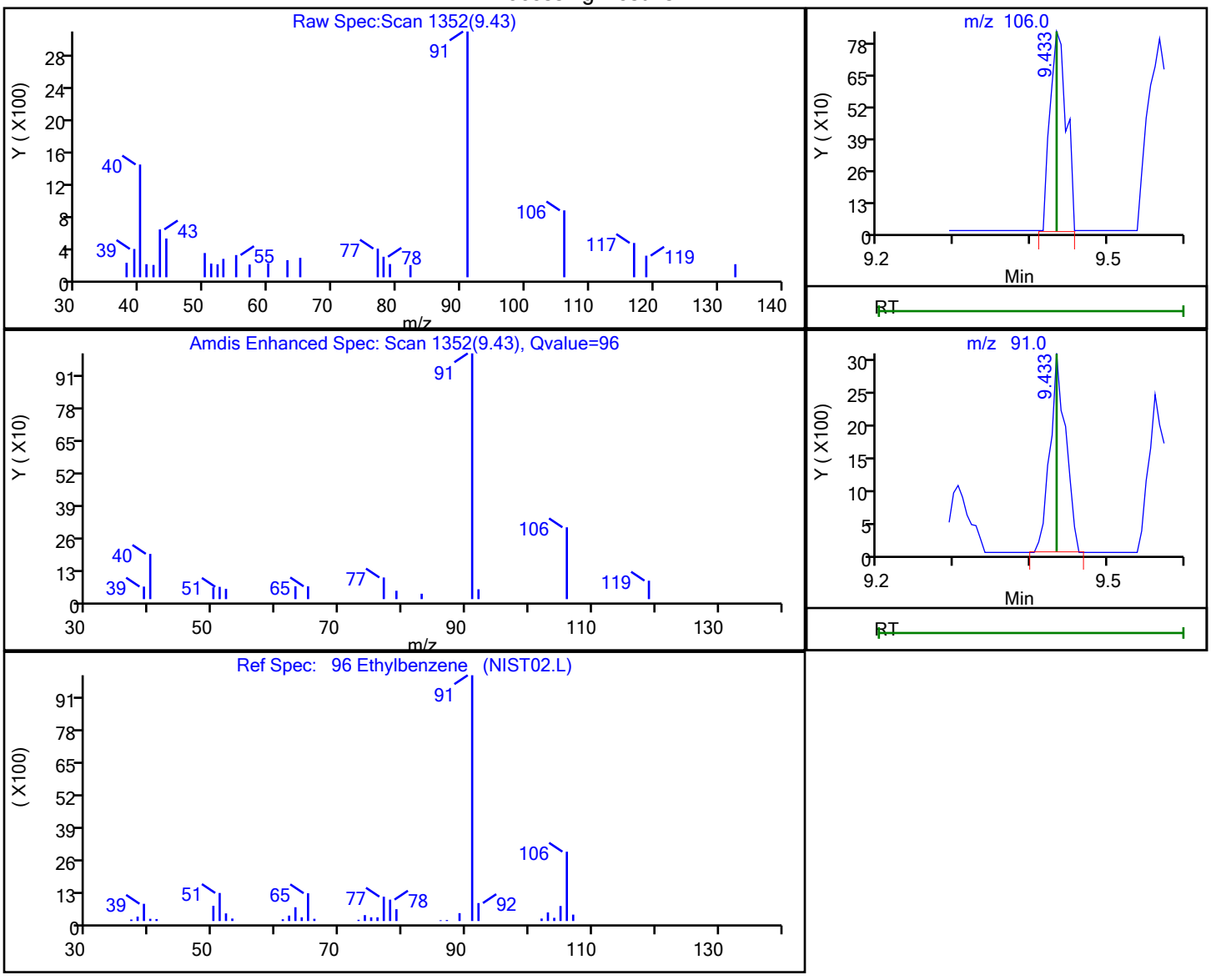
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

96 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
9.43	106.00	1222	0.278603
9.43	91.00	4356	

Reviewer: NN6A, 14-May-2025 20:43:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

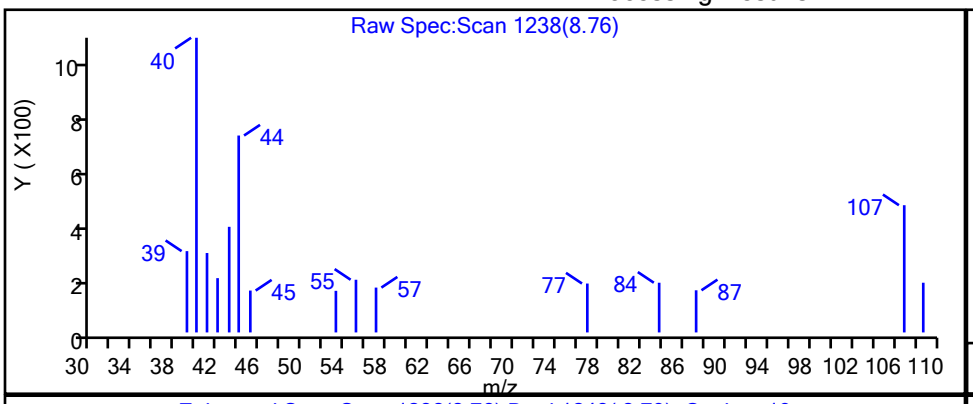
User Disabled Compound Report

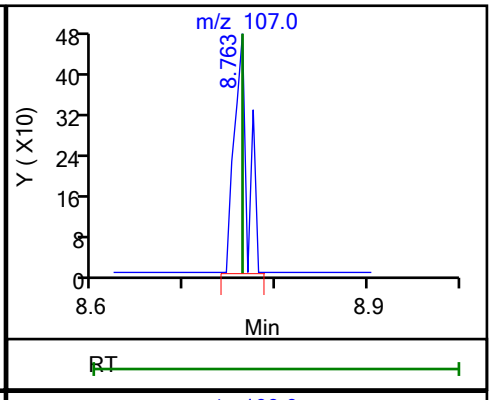
Eurofins Edison

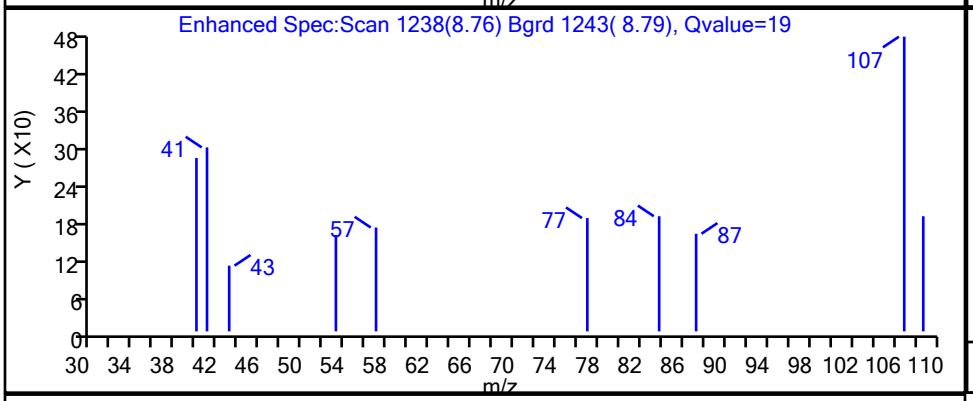
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

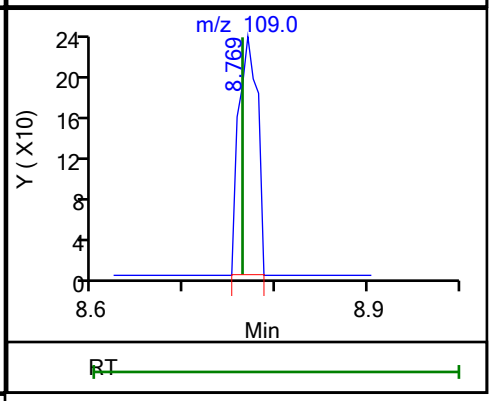
93 Ethylene Dibromide, CAS: 106-93-4

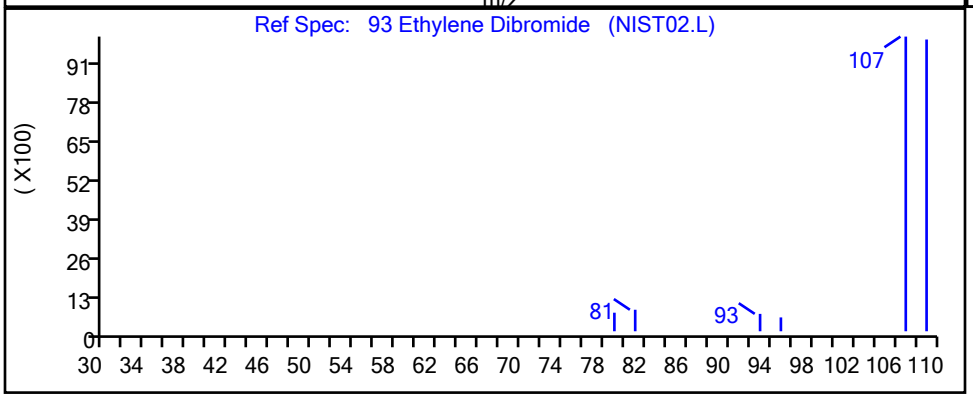
Processing Results











RT	Mass	Response	Amount
8.76	107.00	475	0.229253
8.77	109.00	331	

Reviewer: NN6A, 14-May-2025 20:43:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

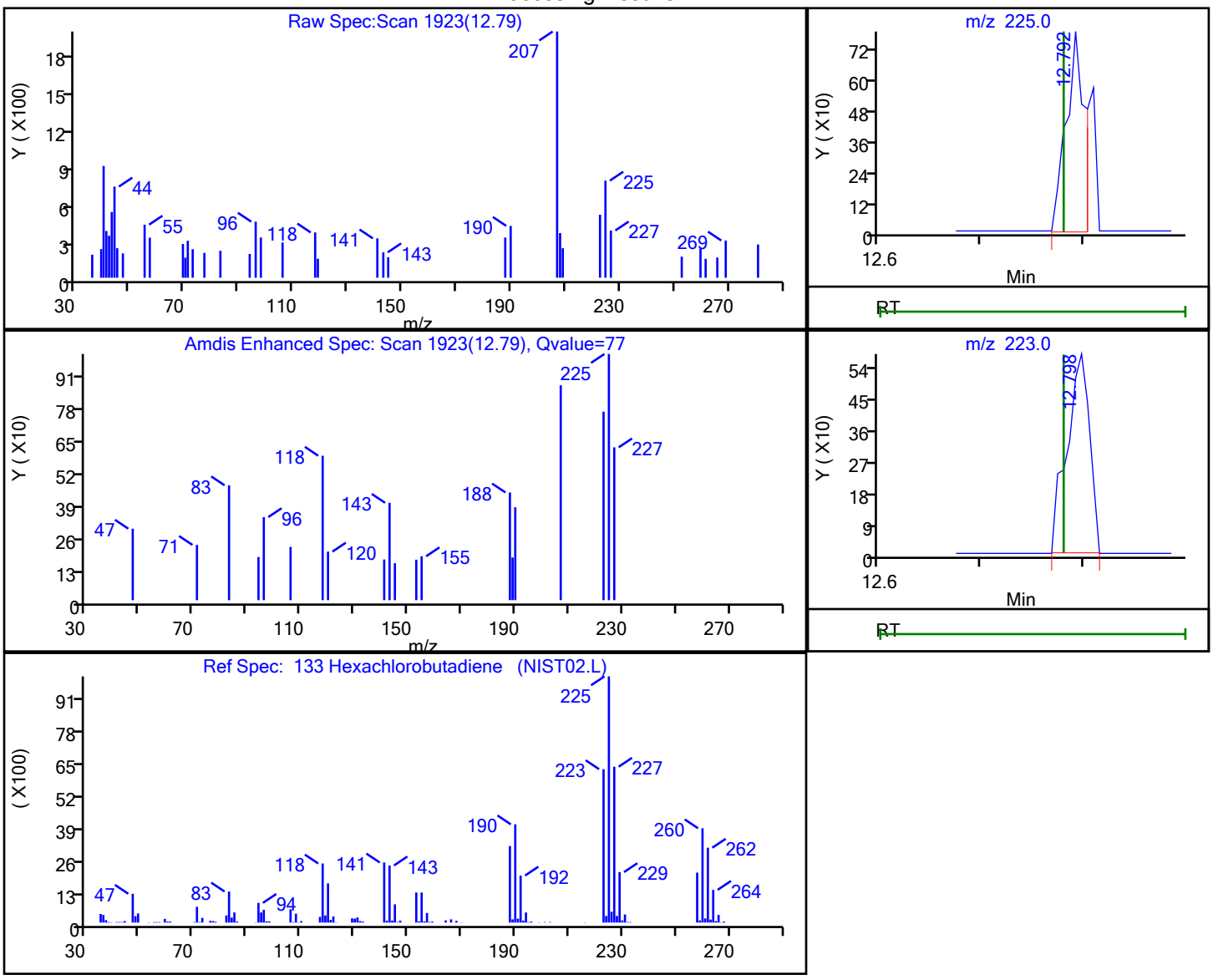
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

133 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
12.79	225.00	984	1.175274
12.80	223.00	893	

Reviewer: NN6A, 14-May-2025 20:43:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

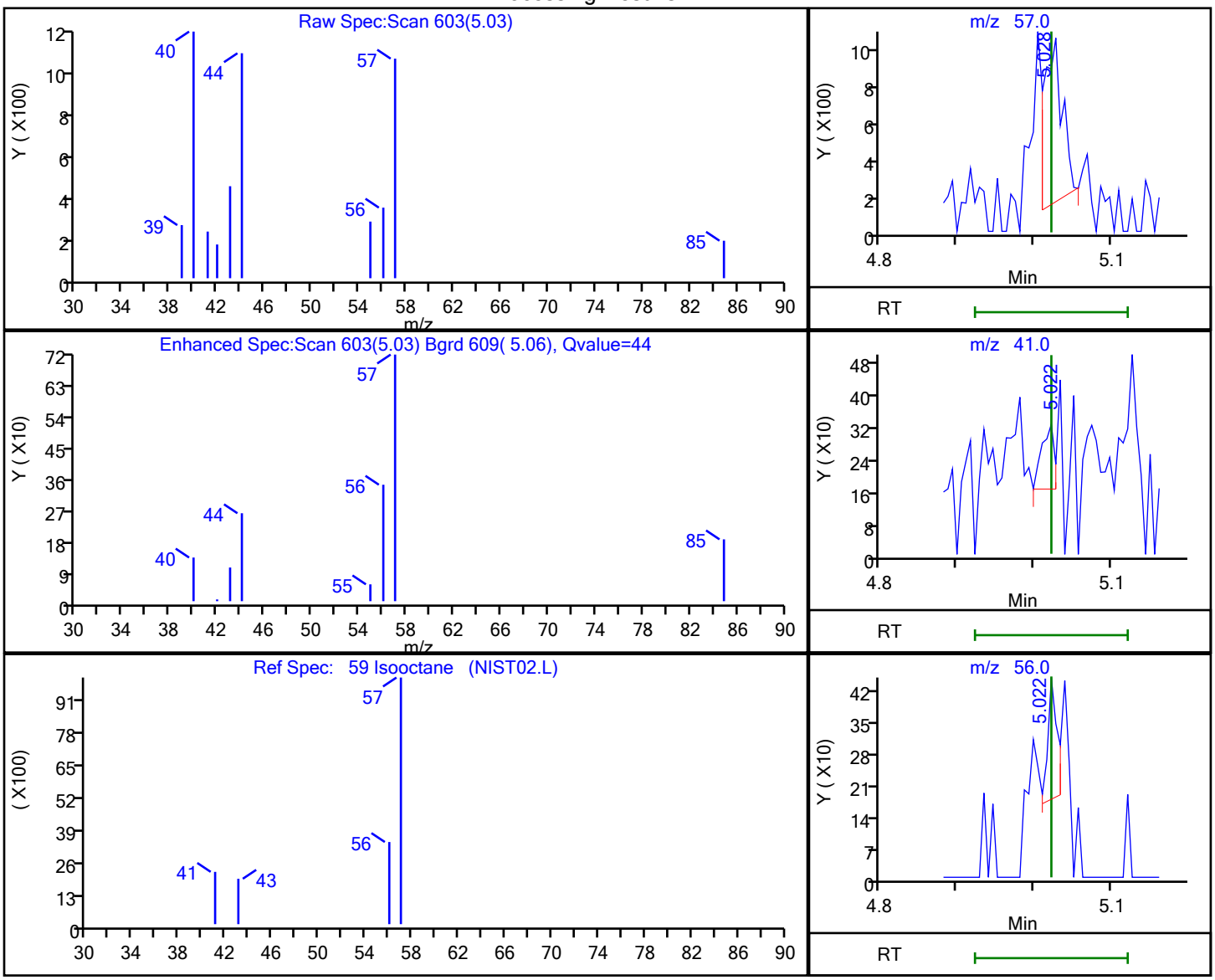
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
5.03	57.00	1483	0.458070
5.02	41.00	184	
5.02	56.00	230	

Reviewer: NN6A, 14-May-2025 20:42:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

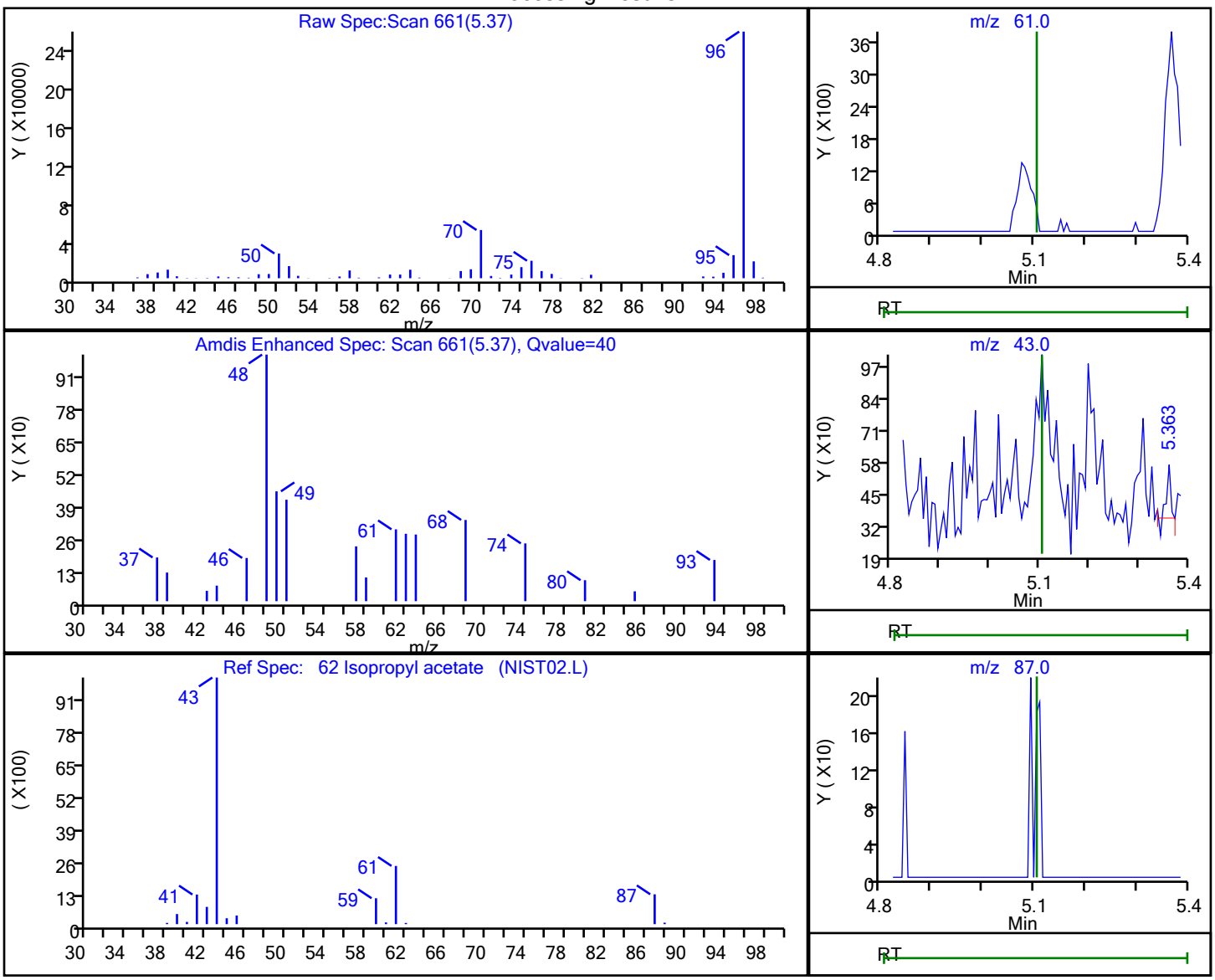
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
5.37	61.00	6920	1.147396
5.36	43.00	116	
5.10	87.00	0	

Reviewer: NN6A, 14-May-2025 20:42:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

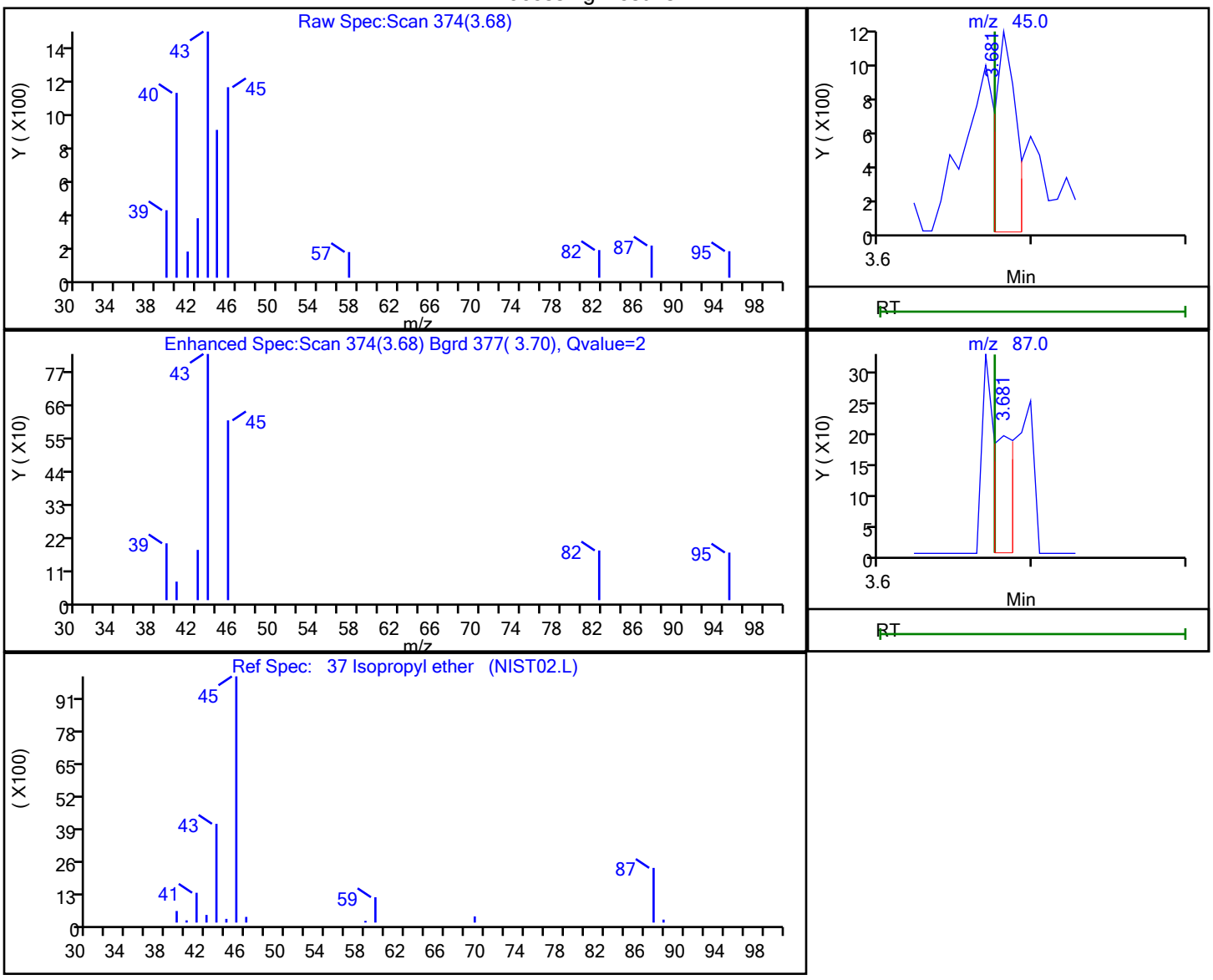
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

37 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
3.68	45.00	1079	0.137078
3.68	87.00	197	

Reviewer: NN6A, 14-May-2025 20:42:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

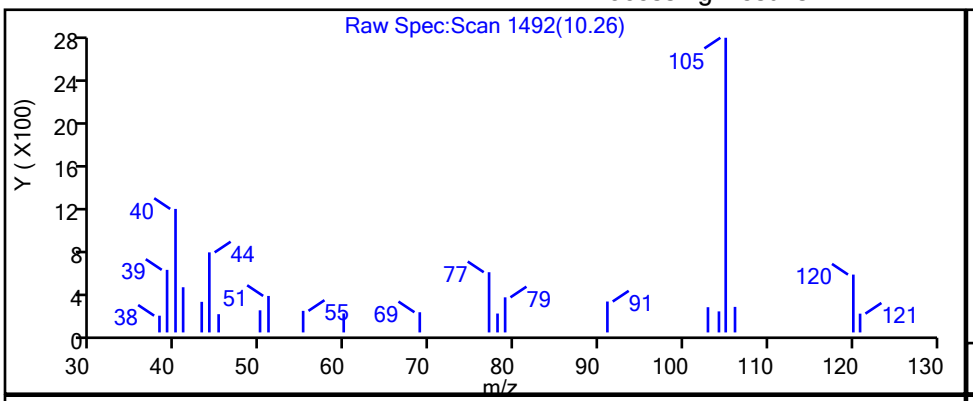
User Disabled Compound Report

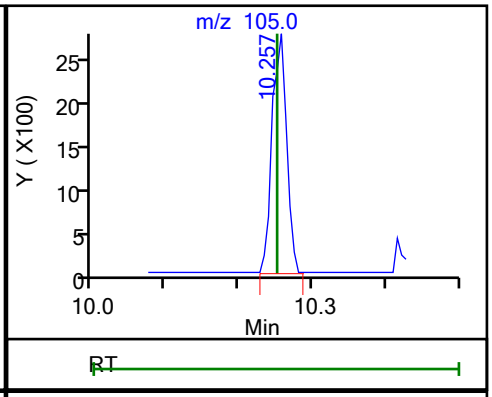
Eurofins Edison

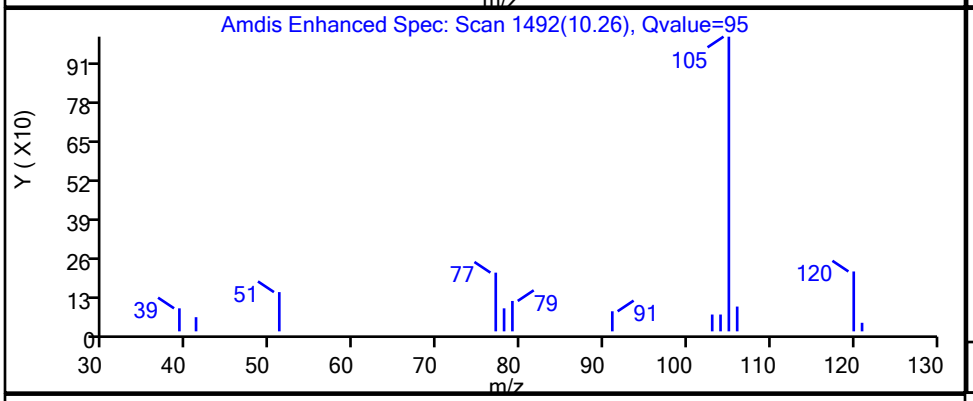
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

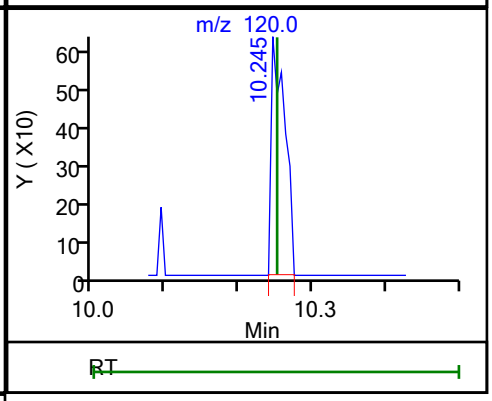
104 Isopropylbenzene, CAS: 98-82-8

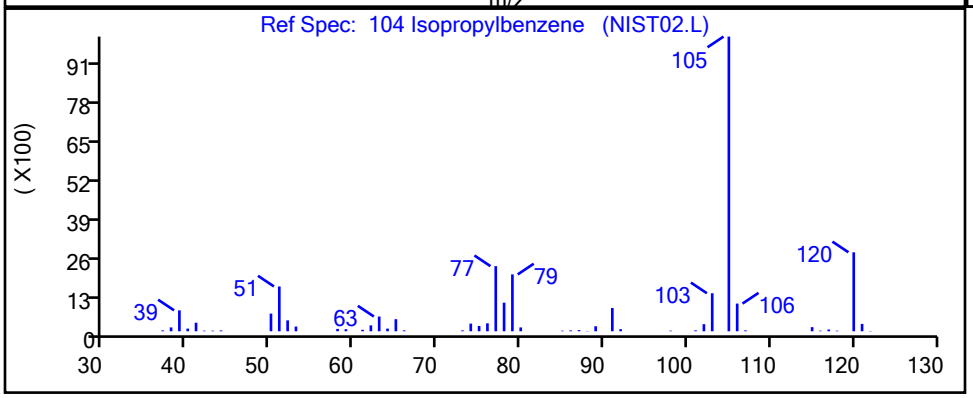
Processing Results











RT	Mass	Response	Amount
10.26	105.00	3787	0.372609
10.25	120.00	819	

Reviewer: NN6A, 14-May-2025 20:43:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

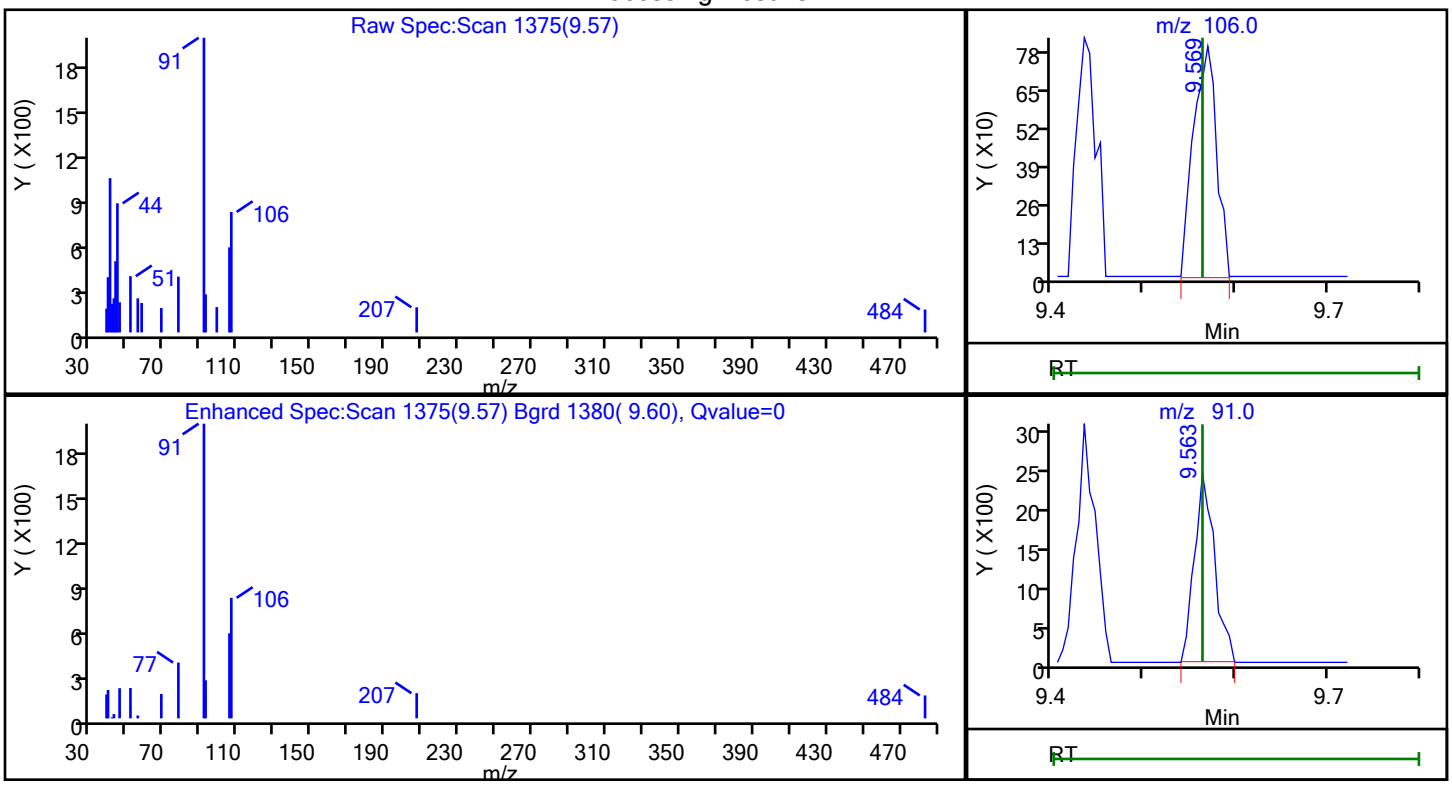
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D				
Injection Date:	14-May-2025 10:21:30	Instrument ID:	CVOAMS1		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
9.57	106.00	1401	0.267058
9.56	91.00	3694	

Reviewer: NN6A, 14-May-2025 20:43:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

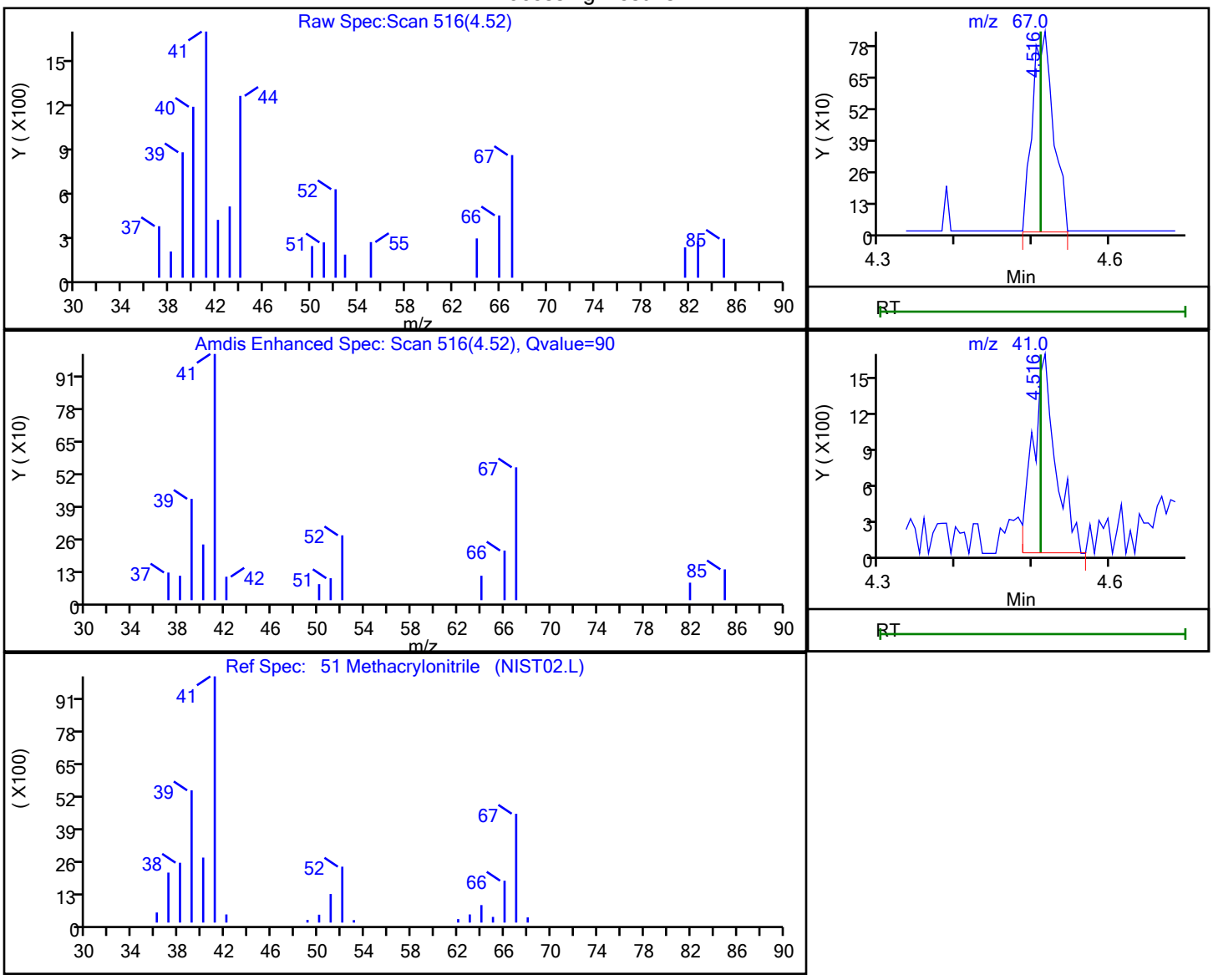
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.52	67.00	1579	2.155050
4.52	41.00	3449	

Reviewer: NN6A, 14-May-2025 20:42:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

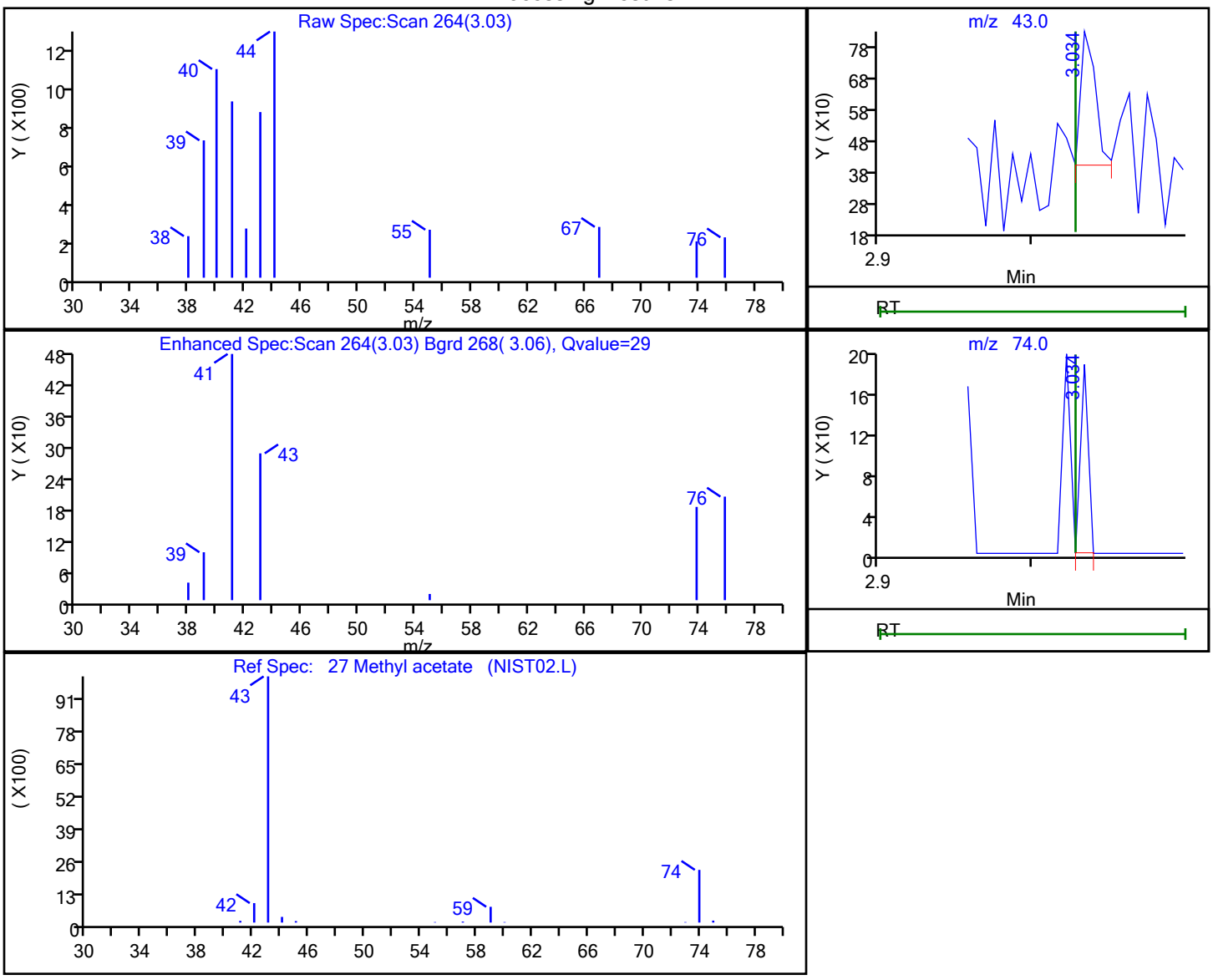
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.03	43.00	283	0.250890
3.03	74.00	64	

Reviewer: NN6A, 14-May-2025 20:42:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

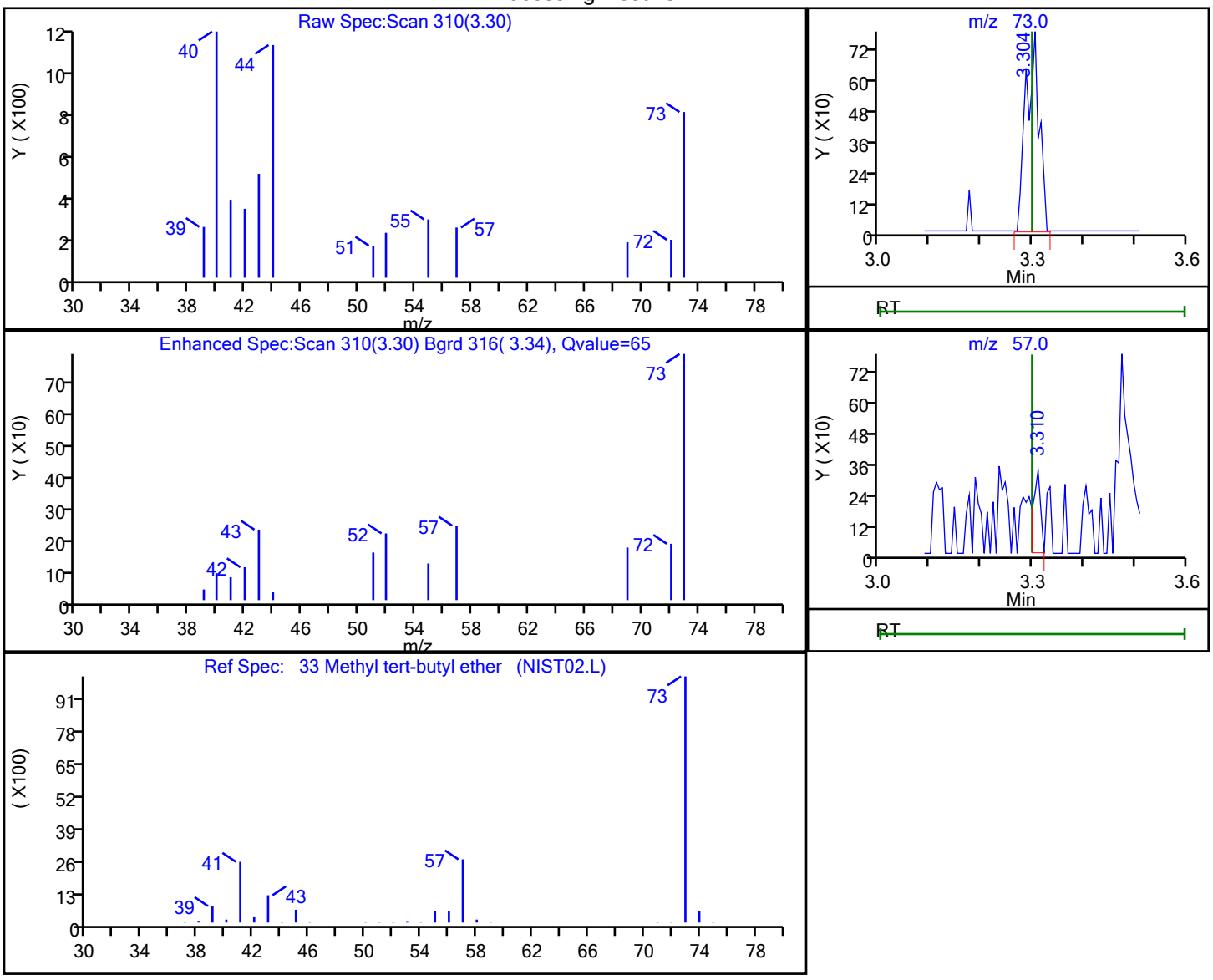
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
3.30	73.00	1405	0.219273
3.31	57.00	317	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

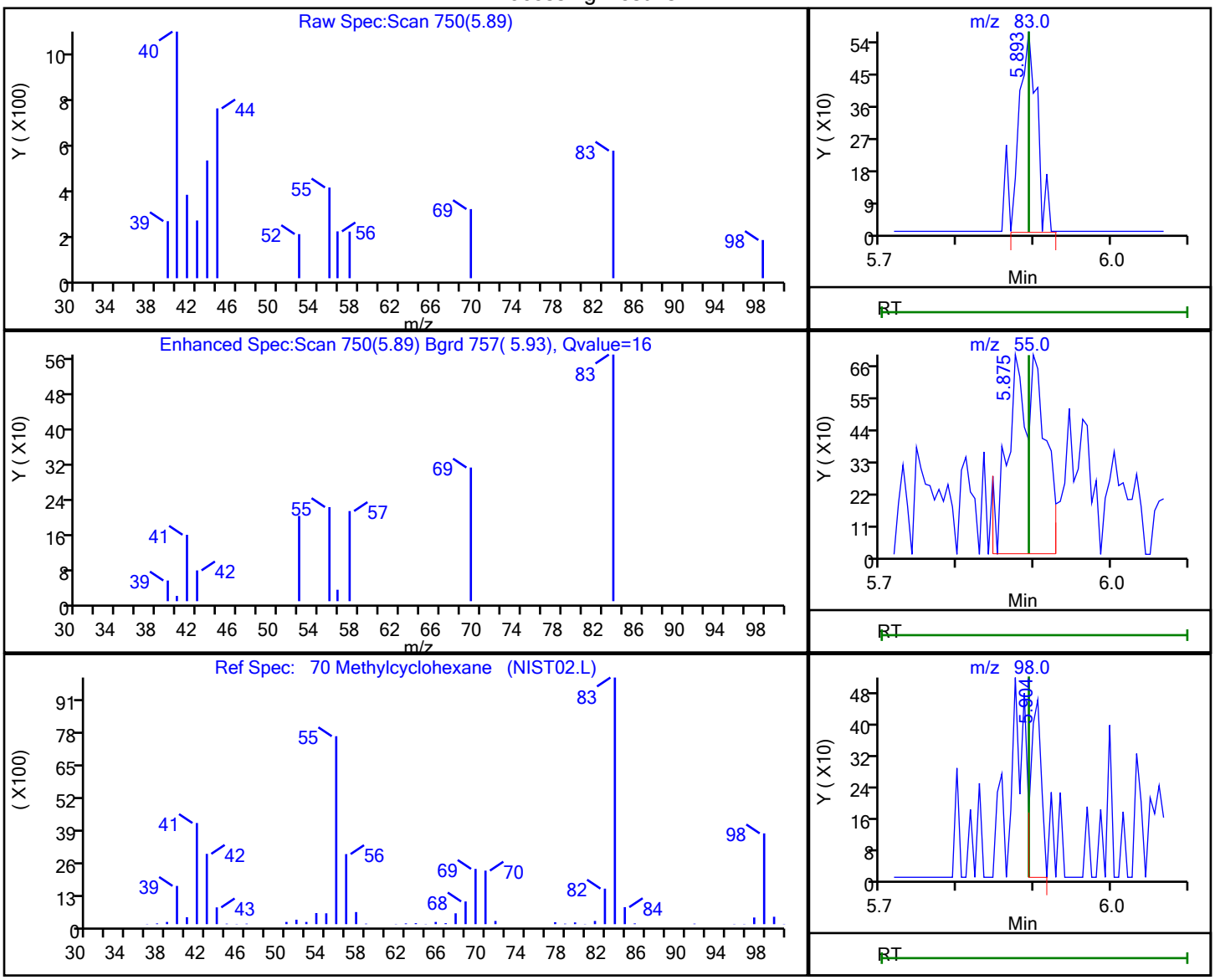
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.89	83.00	882	0.262744
5.87	55.00	2176	
5.90	98.00	433	

Reviewer: NN6A, 14-May-2025 20:42:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

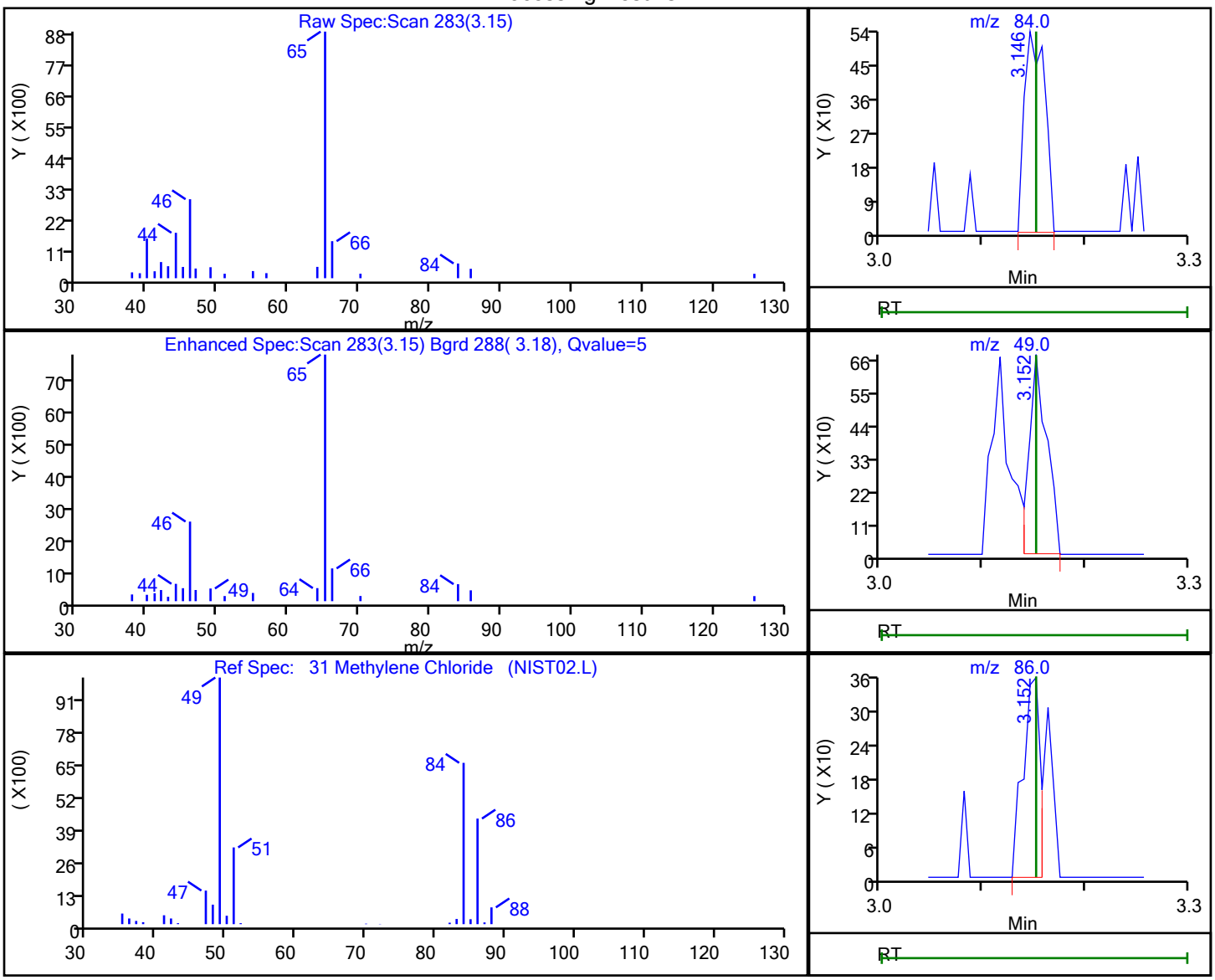
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.15	84.00	740	0.241539
3.15	49.00	804	
3.15	86.00	418	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

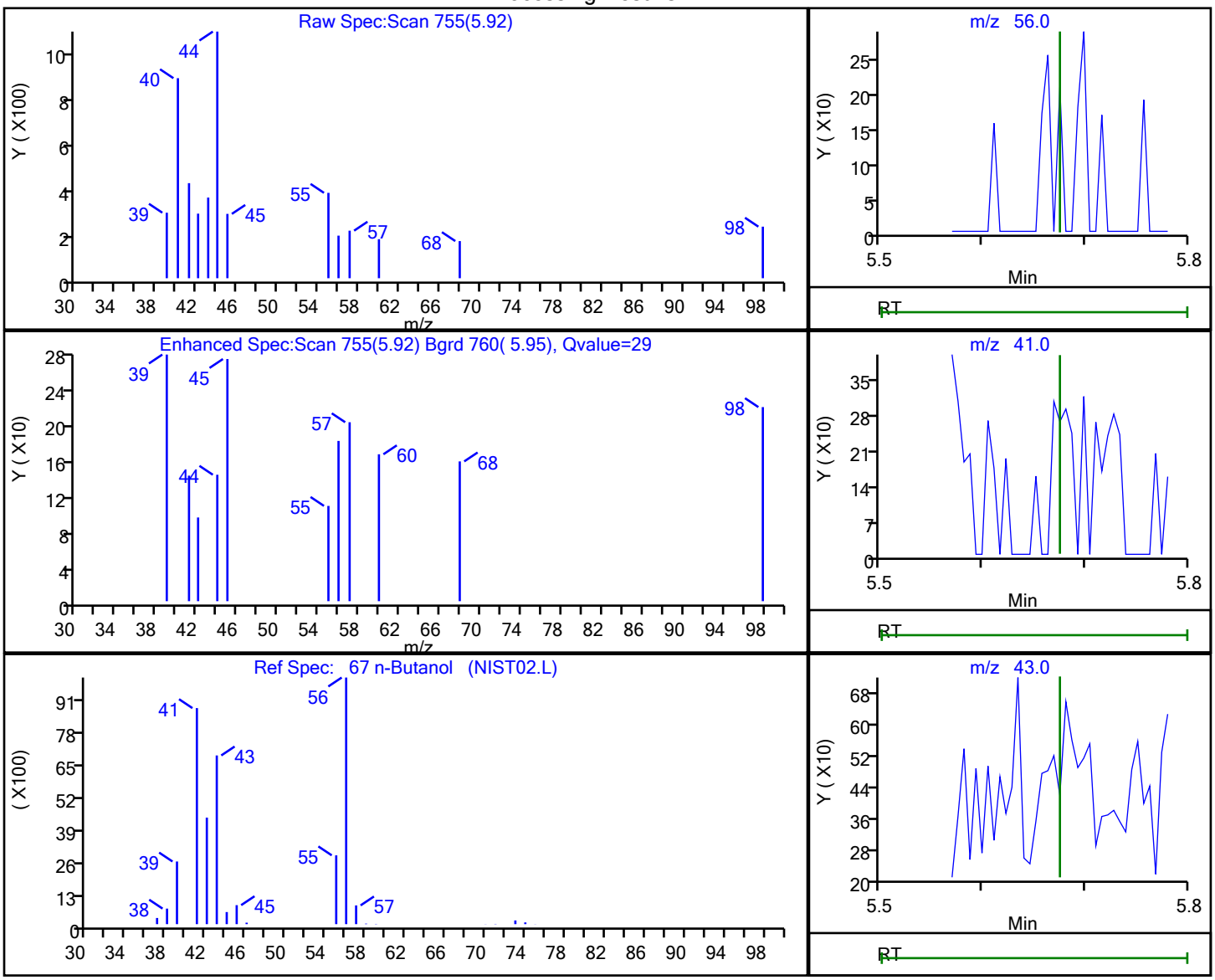
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.92	56.00	127	2.836108
5.92	41.00	18	
5.92	43.00	472	

Reviewer: NN6A, 14-May-2025 20:42:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

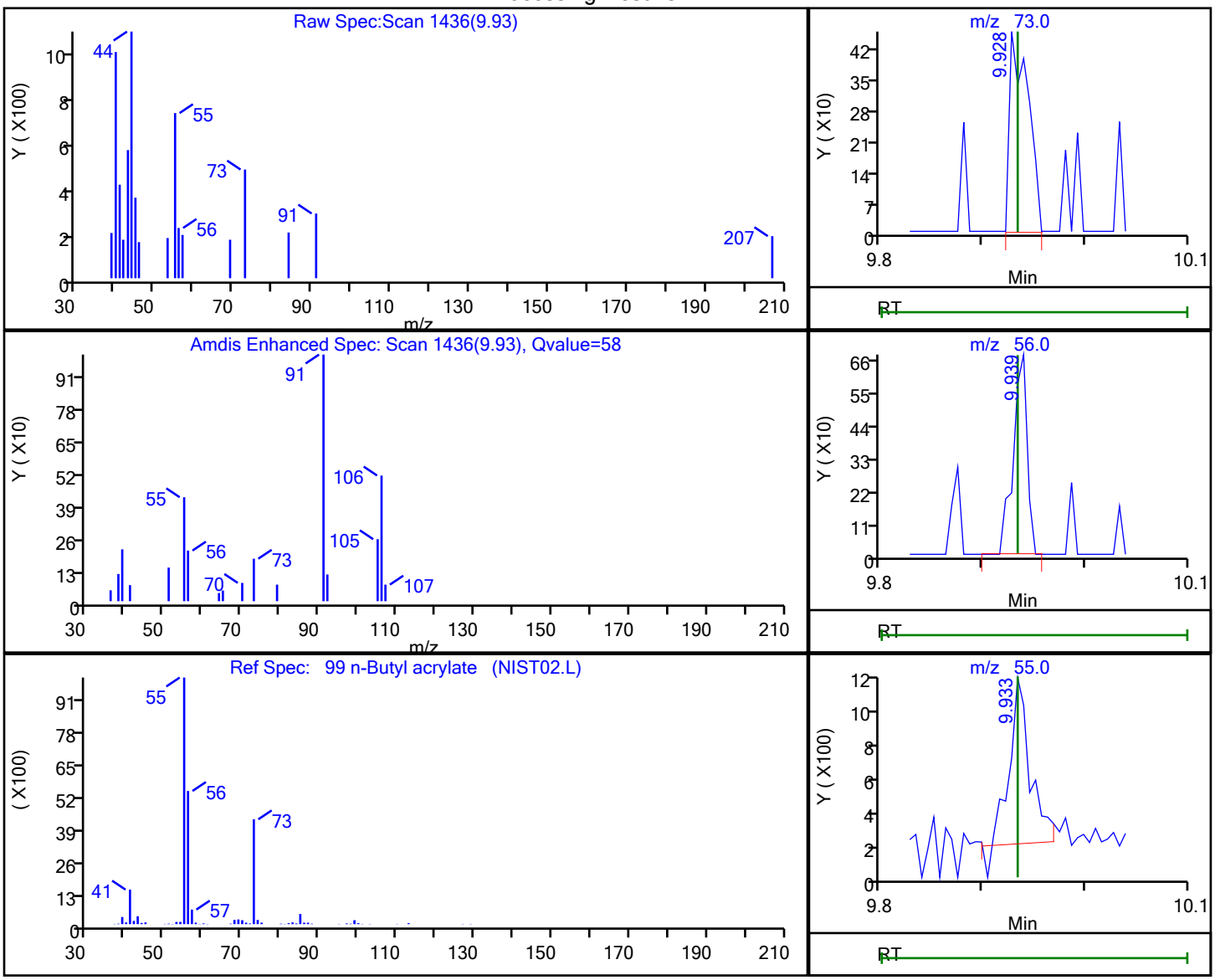
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

99 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
9.93	73.00	575	0.371626
9.94	56.00	650	
9.93	55.00	1323	

Reviewer: NN6A, 14-May-2025 20:43:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

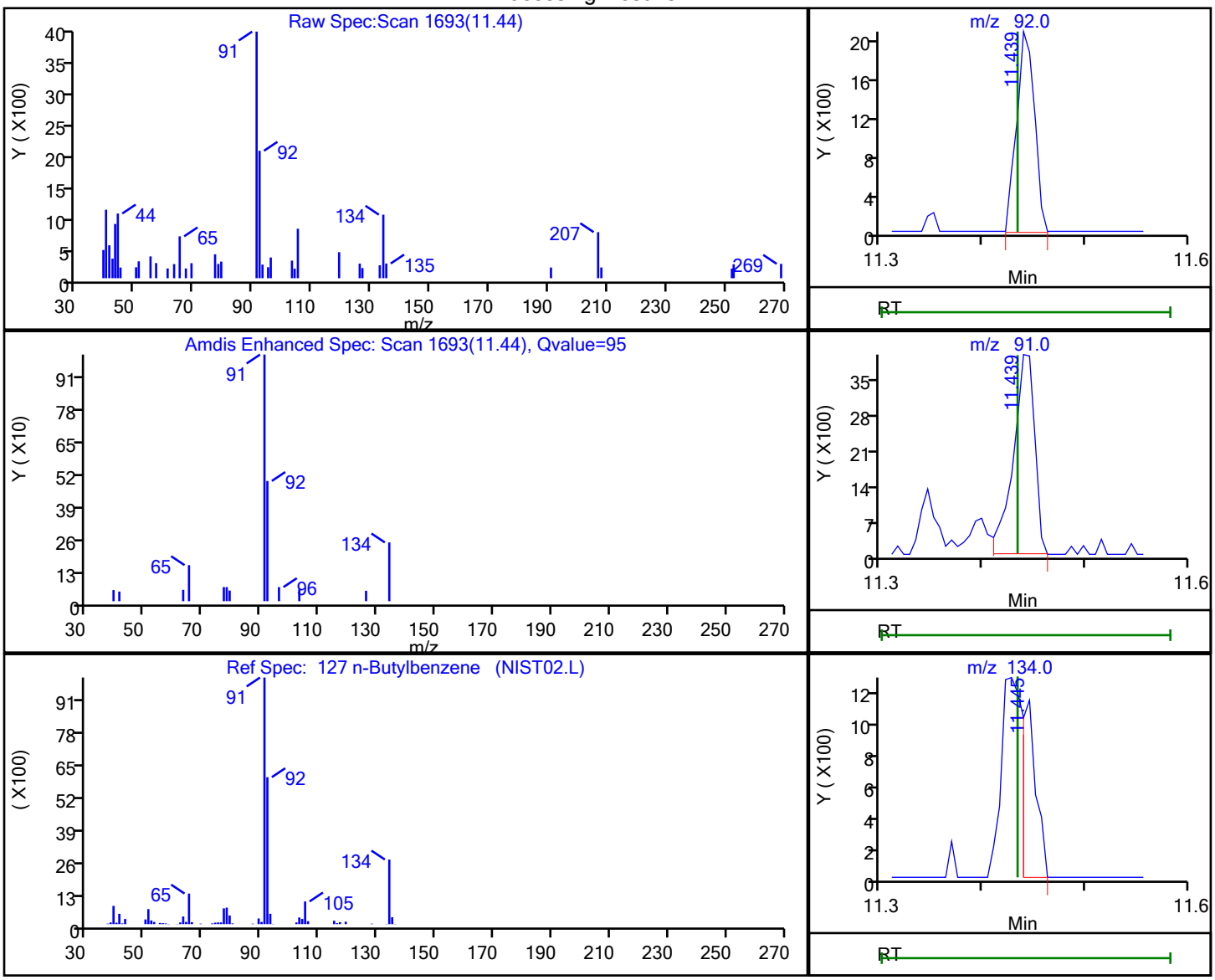
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.44	92.00	2460	0.590869
11.44	91.00	5757	
11.45	134.00	1069	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

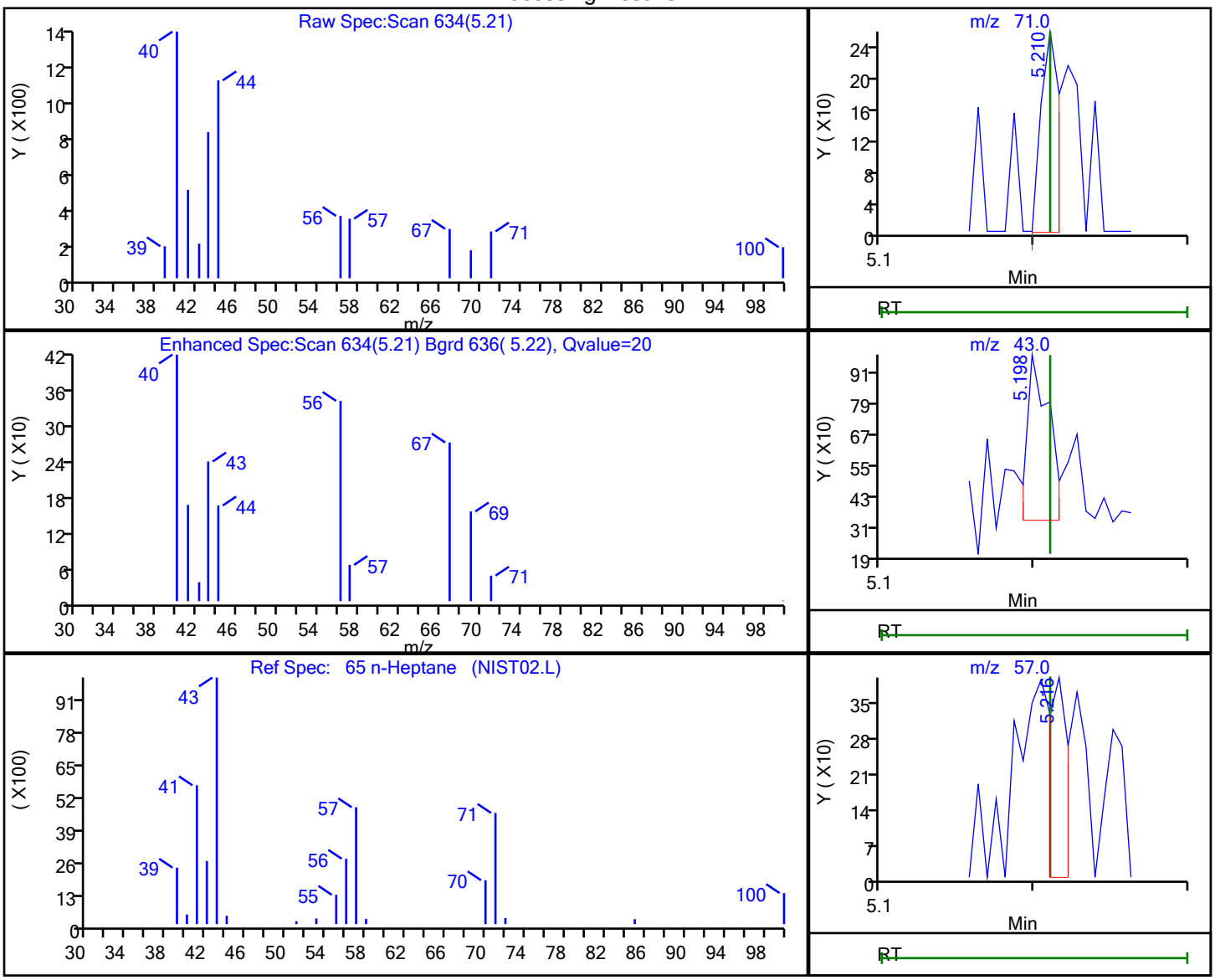
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.21	71.00	208	0.250052
5.20	43.00	645	
5.22	57.00	345	

Reviewer: NN6A, 14-May-2025 20:42:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

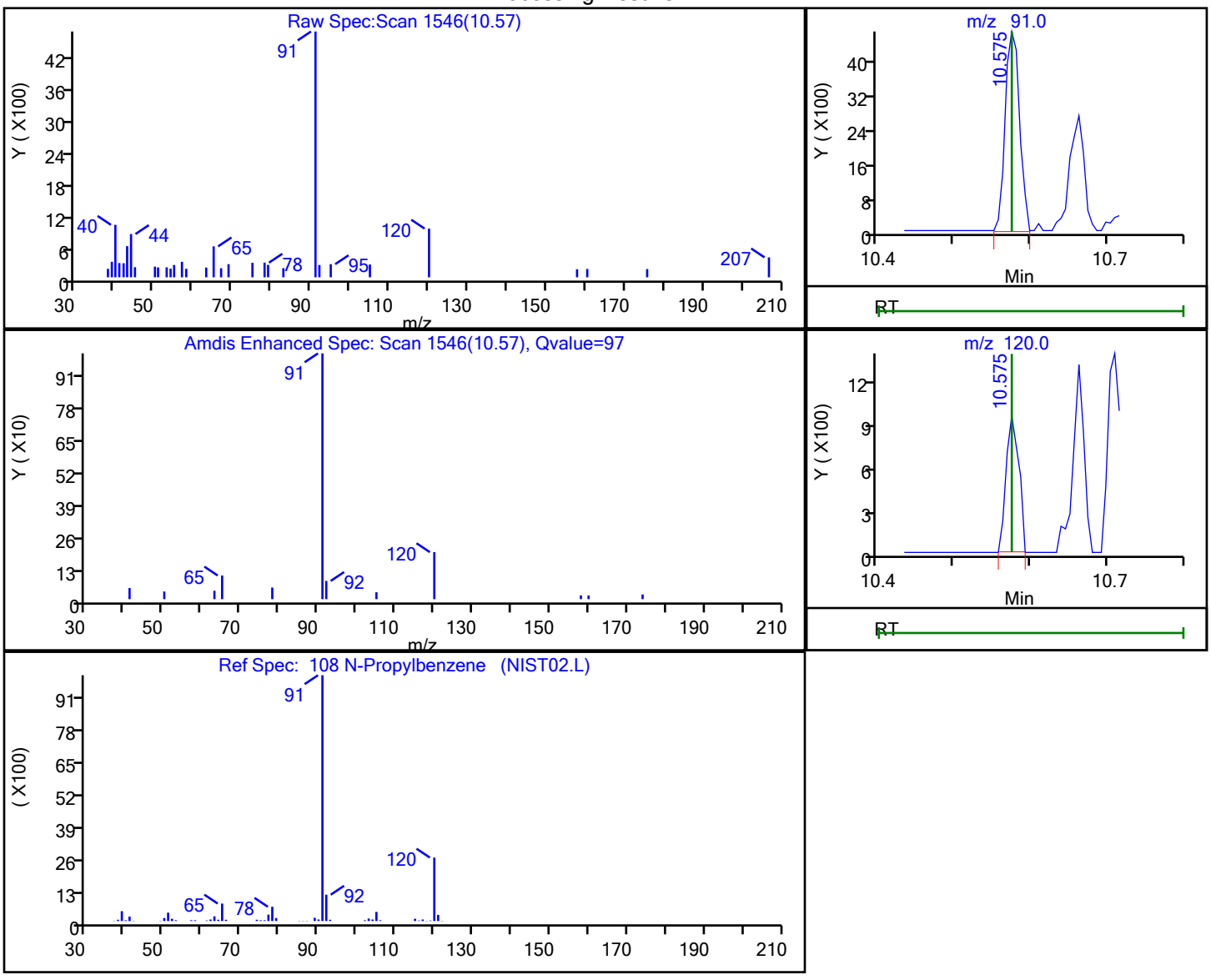
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

108 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
10.57	91.00	6054	0.474524
10.57	120.00	1066	

Reviewer: NN6A, 14-May-2025 20:43:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

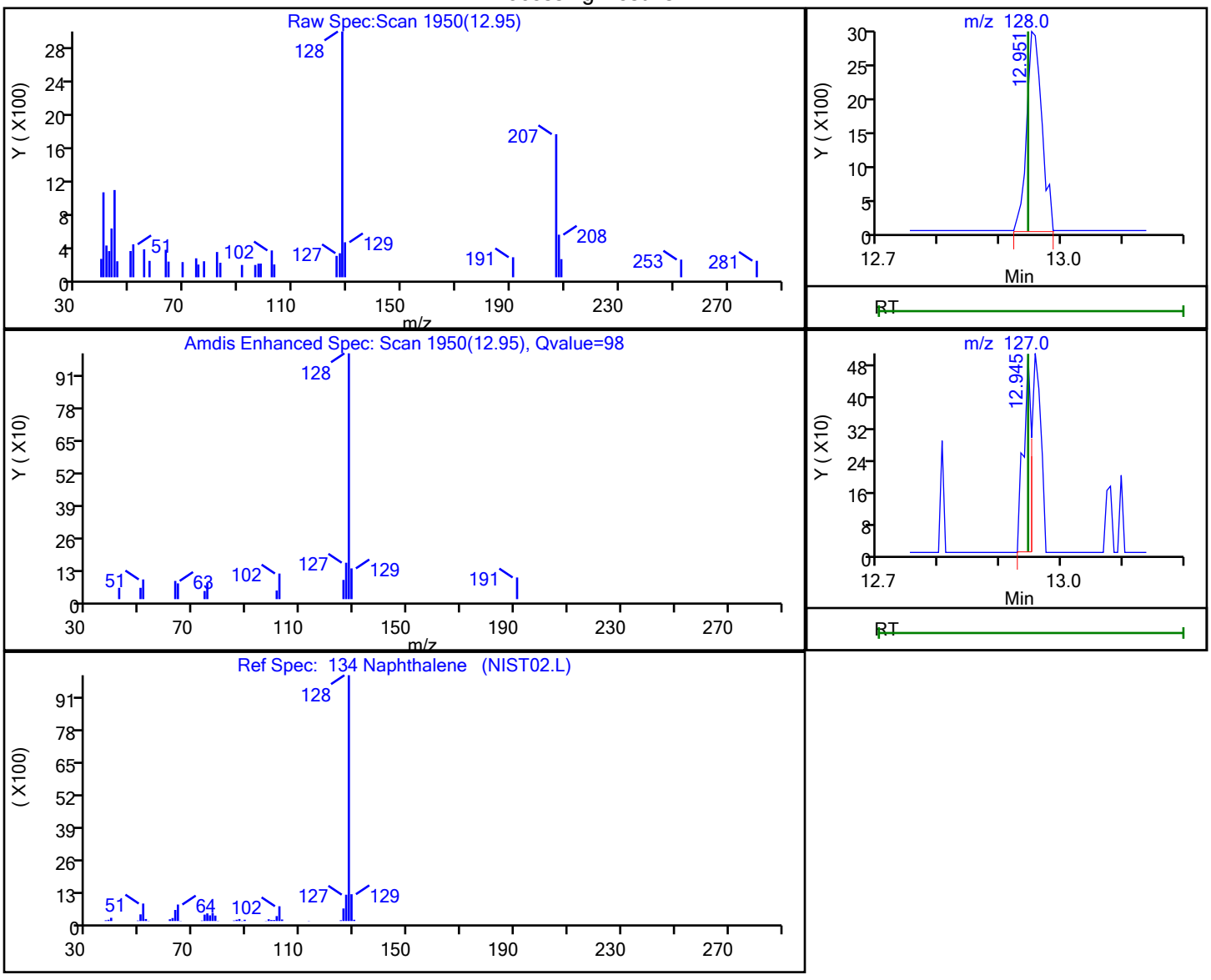
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.95	128.00	5171	1.351138
12.94	127.00	457	

Reviewer: NN6A, 14-May-2025 20:43:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

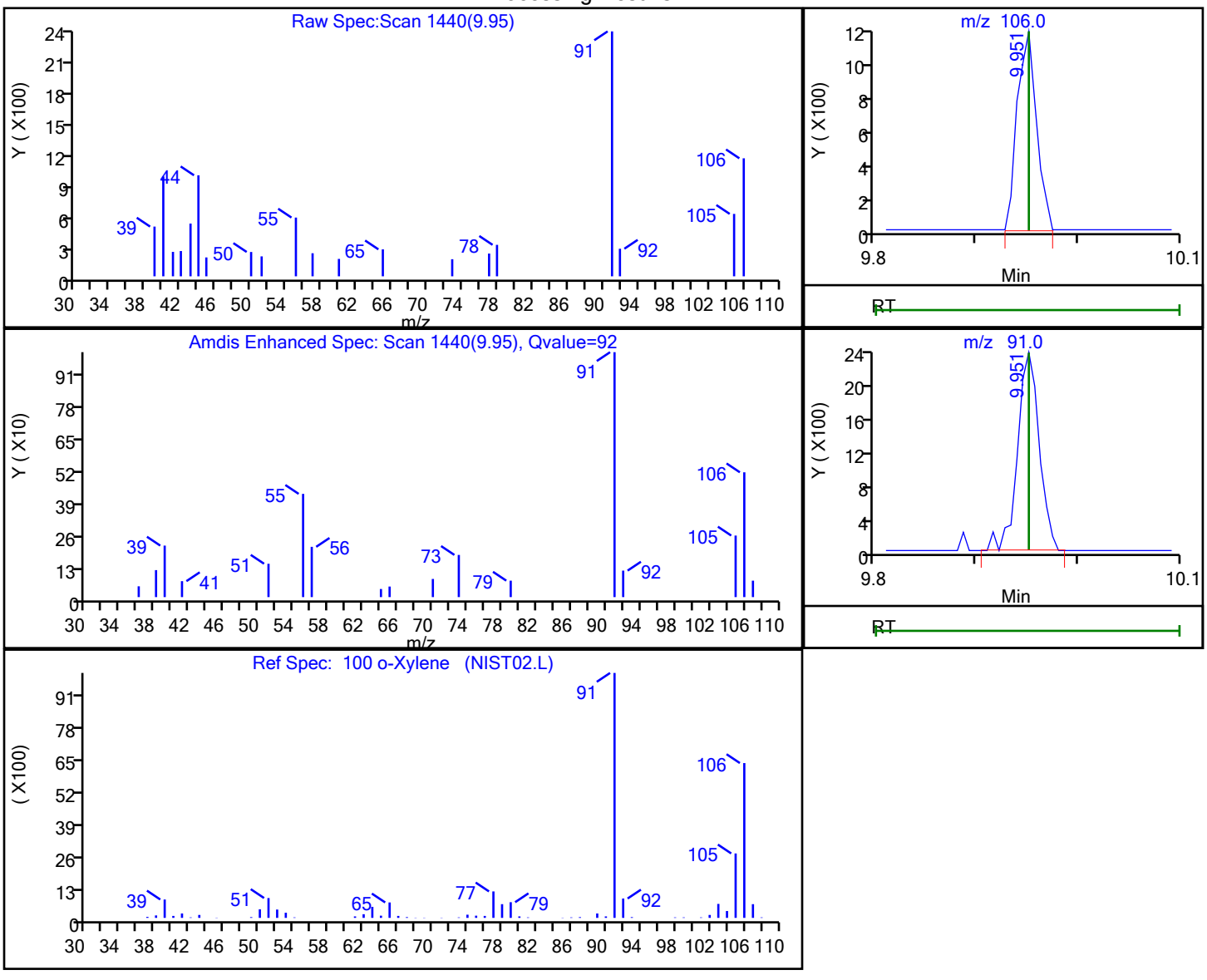
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

100 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
9.95	106.00	1489	0.286379
9.95	91.00	3479	

Reviewer: NN6A, 14-May-2025 20:43:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

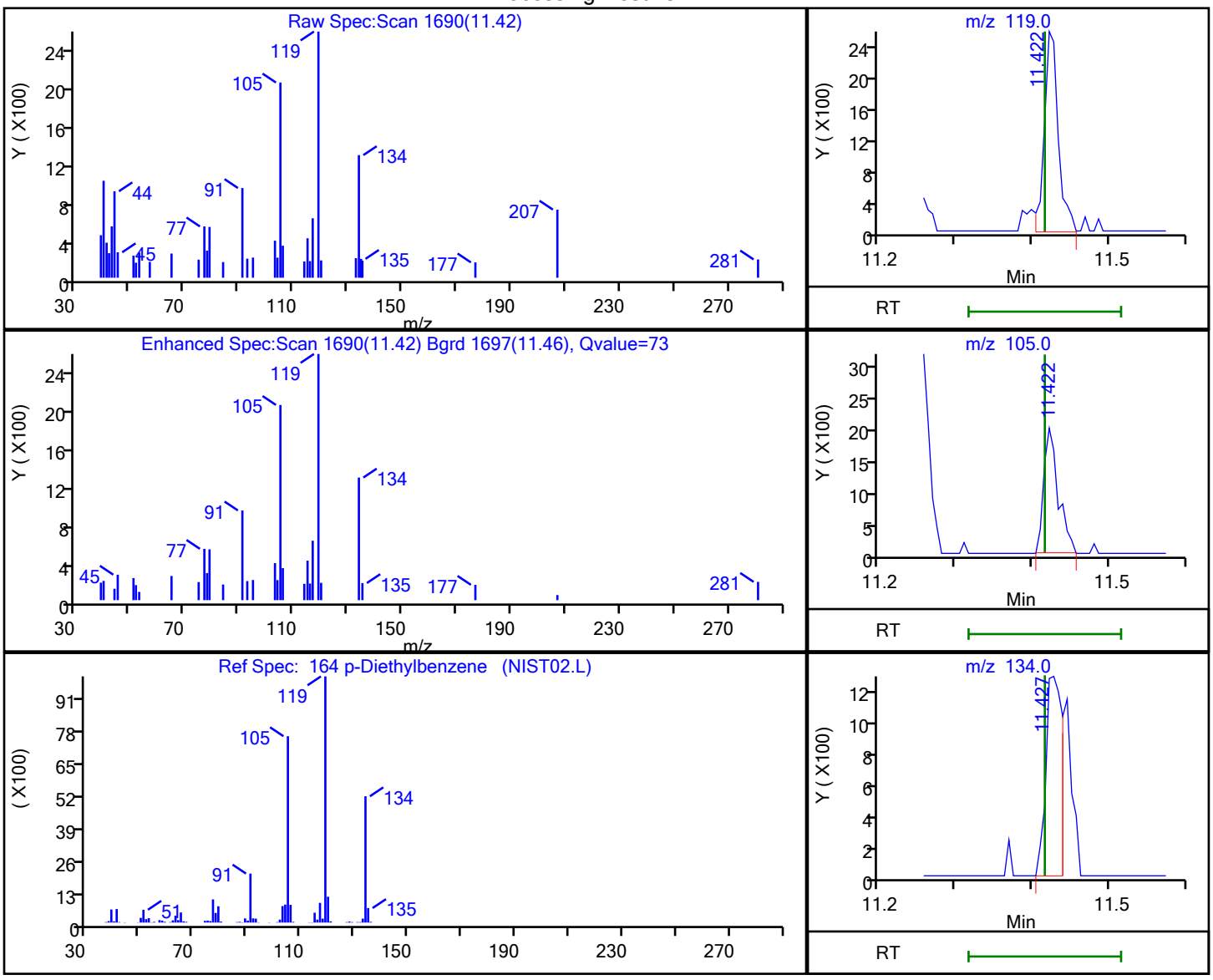
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D		
Injection Date:	14-May-2025 10:21:30	Instrument ID:	CVOAMS1
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

164 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.42	119.00	3169	0.638860
11.42	105.00	2652	
11.43	134.00	1879	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

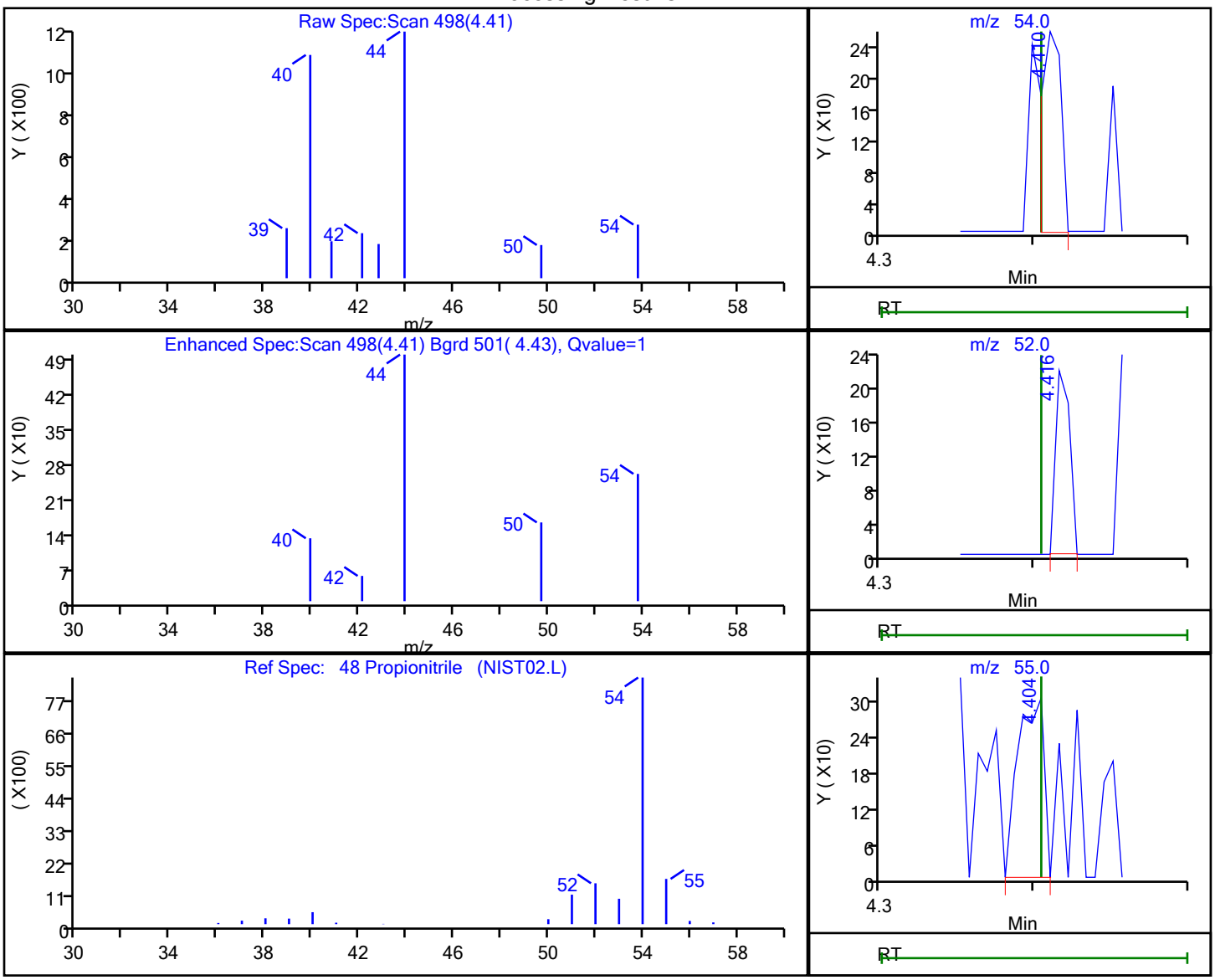
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.41	54.00	232	0.995189
4.42	52.00	140	
4.40	55.00	358	

Reviewer: NN6A, 14-May-2025 20:42:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

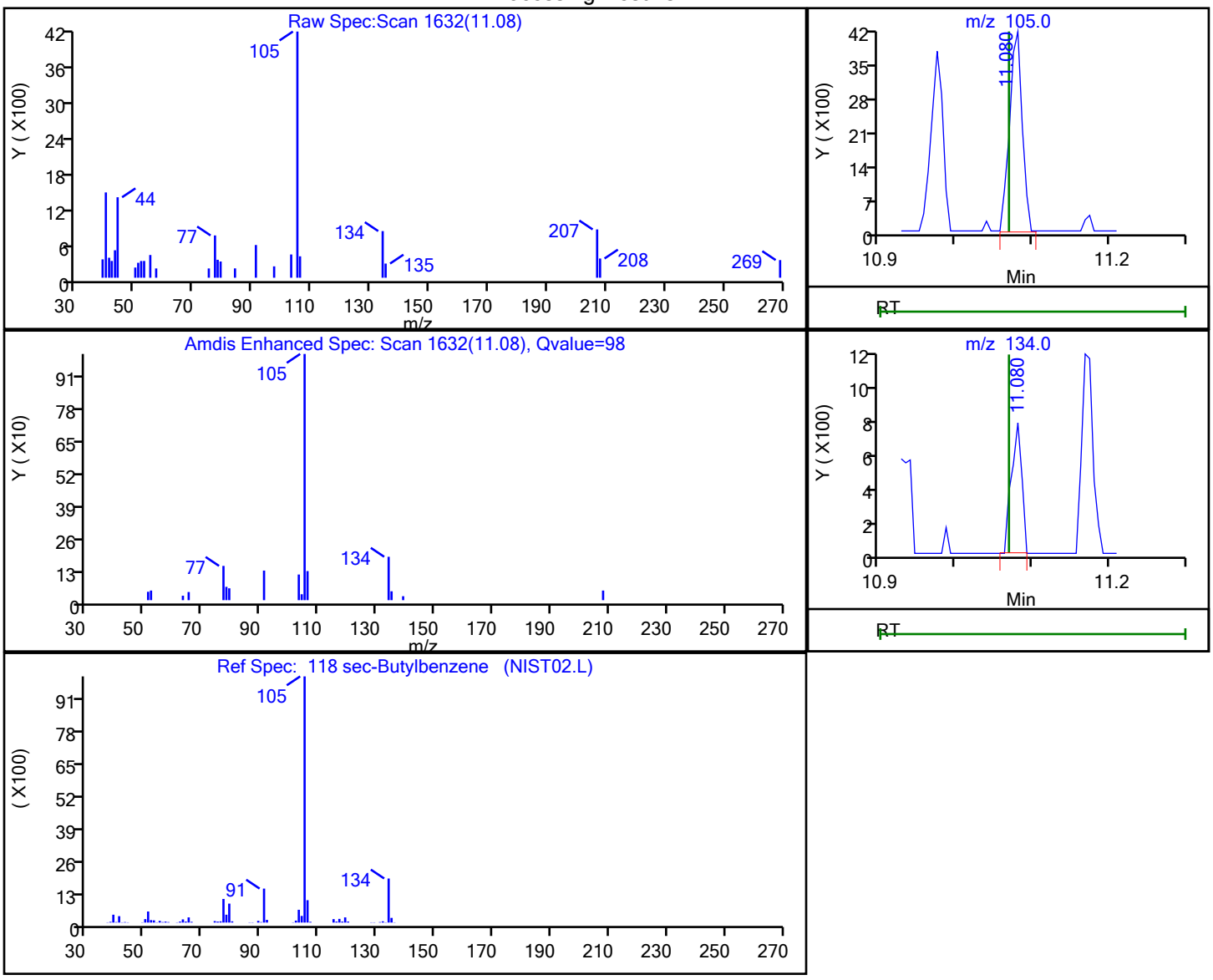
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
11.08	105.00	4770	
11.08	134.00	750	0.402842

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

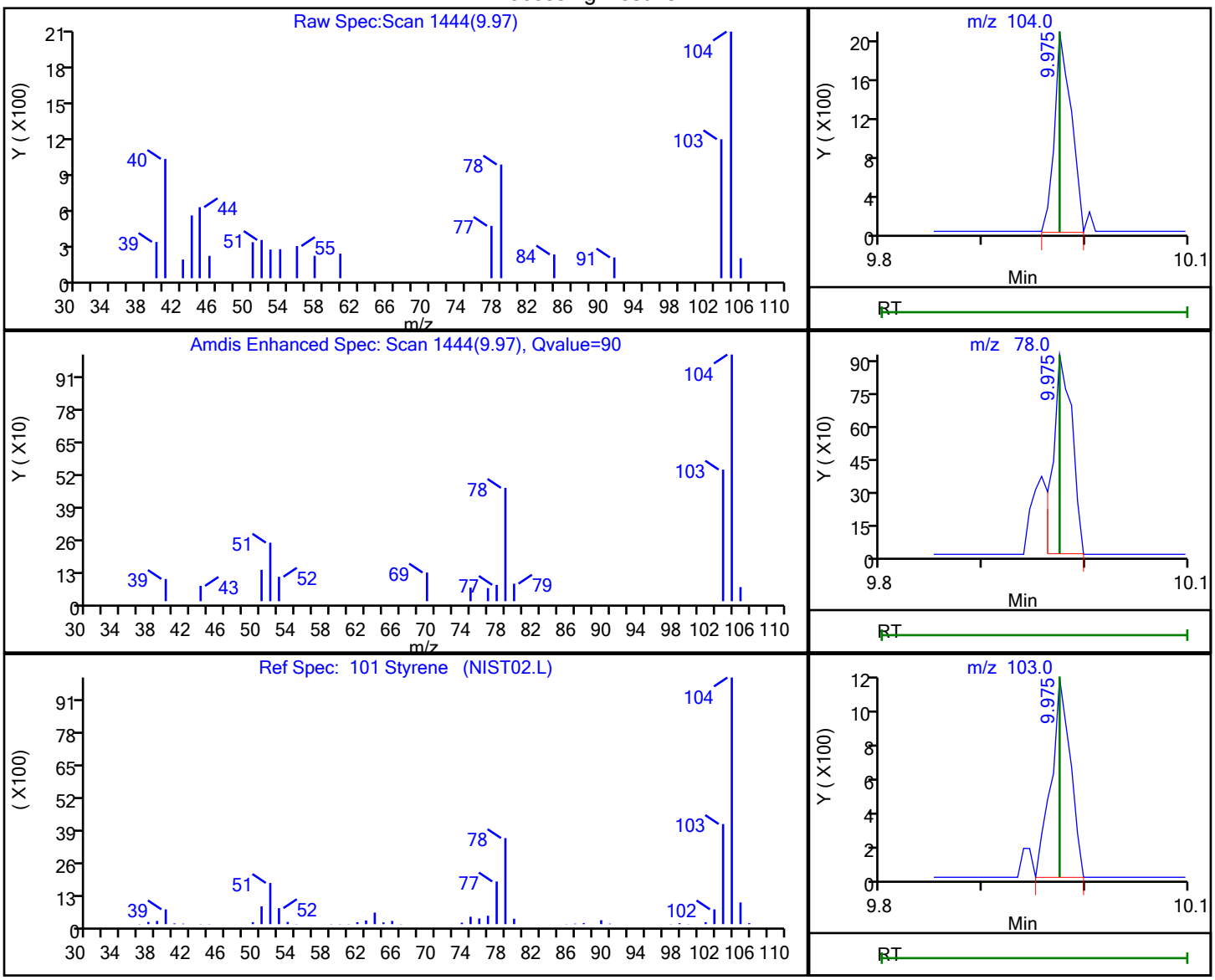
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.97	104.00	2271	0.269316
9.97	78.00	1181	
9.97	103.00	1465	

Reviewer: NN6A, 14-May-2025 20:43:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

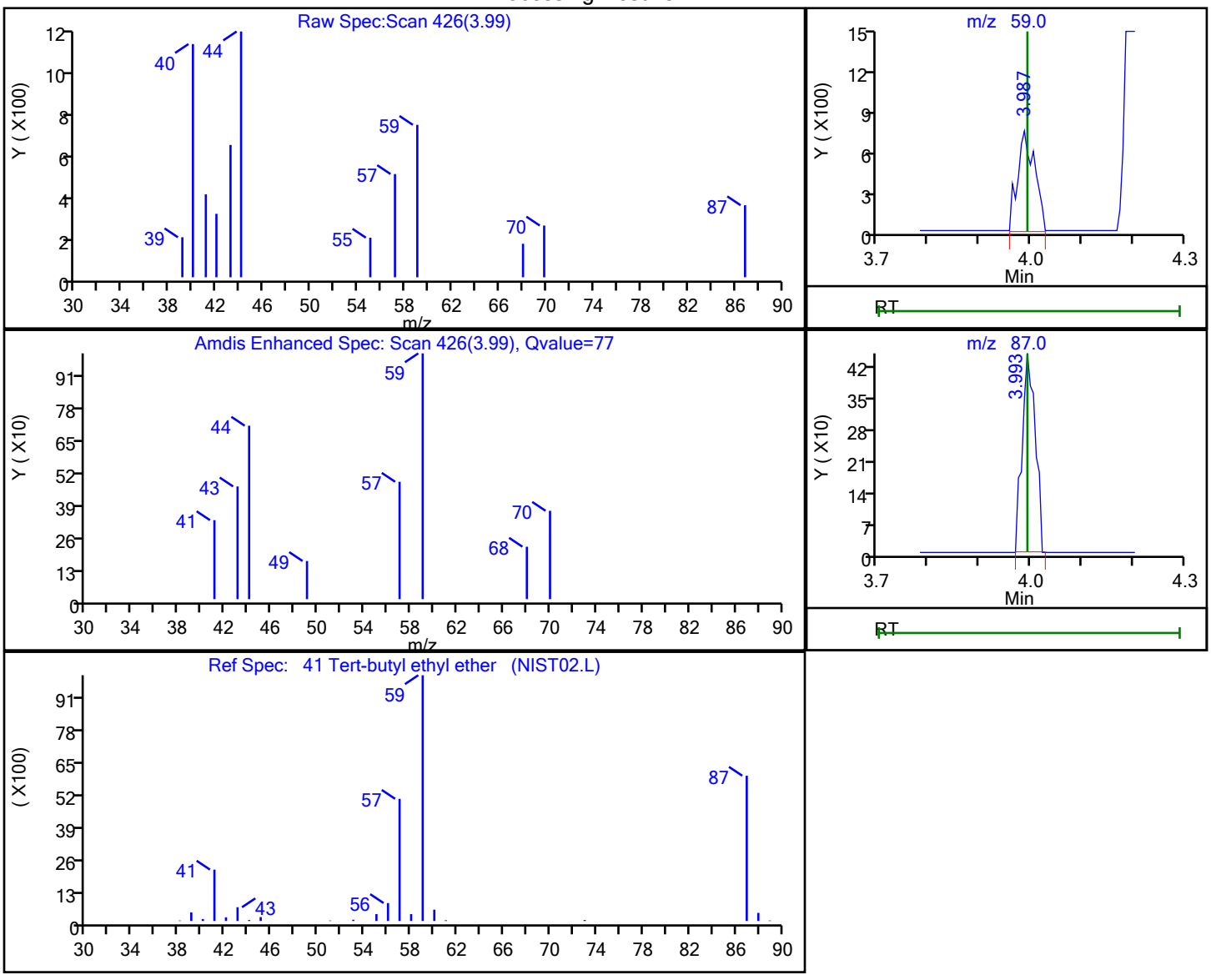
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
3.99	59.00	1705	0.218129
3.99	87.00	796	

Reviewer: NN6A, 14-May-2025 20:42:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

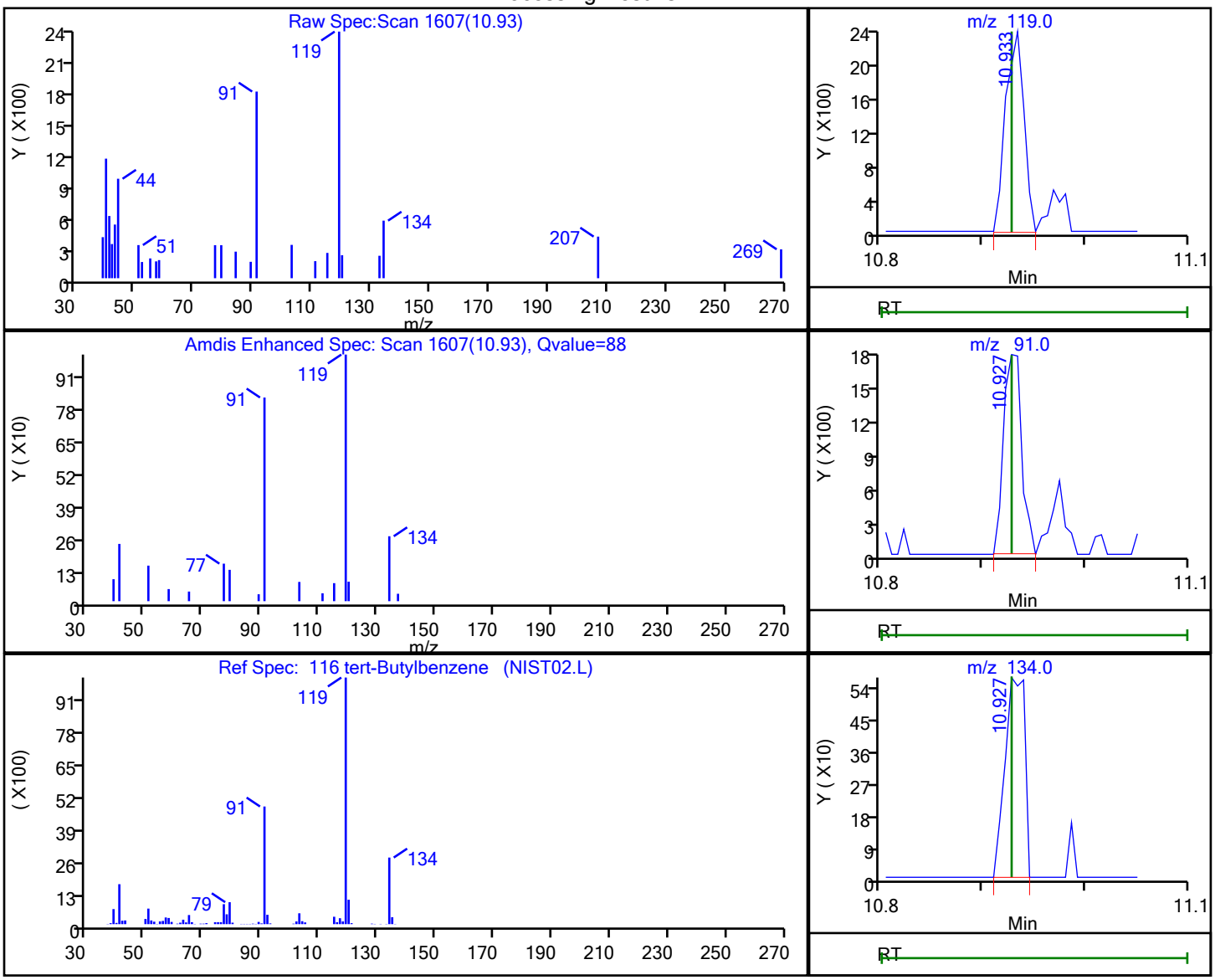
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.93	119.00	2909	0.422715
10.93	91.00	2214	
10.93	134.00	766	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

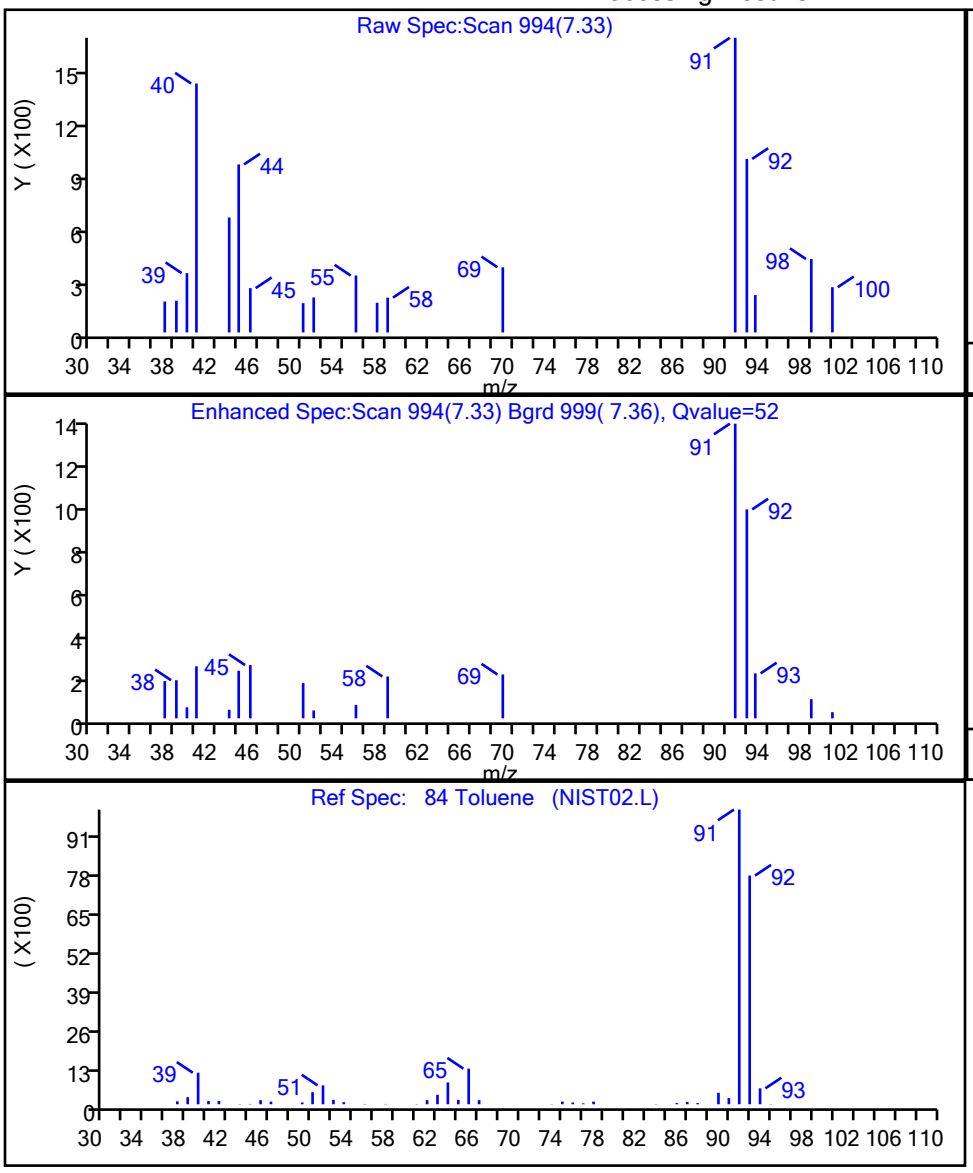
User Disabled Compound Report

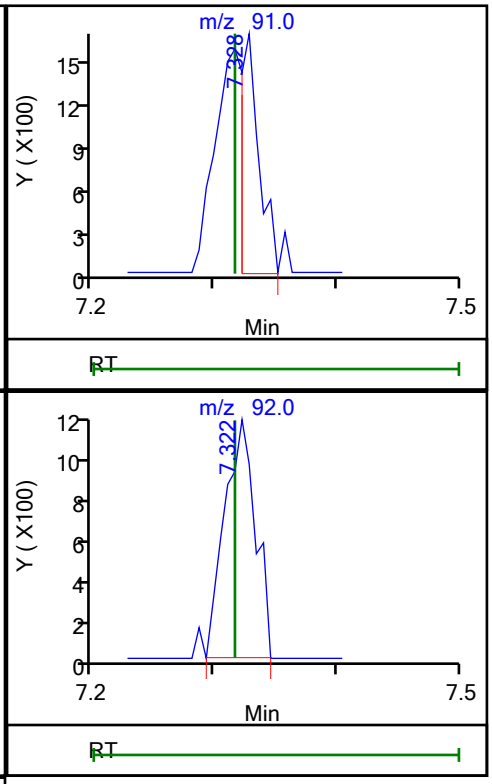
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Toluene, CAS: 108-88-3

Processing Results





RT	Mass	Response	Amount
7.33	91.00	1687	0.150270
7.32	92.00	2056	

Reviewer: NN6A, 14-May-2025 20:42:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

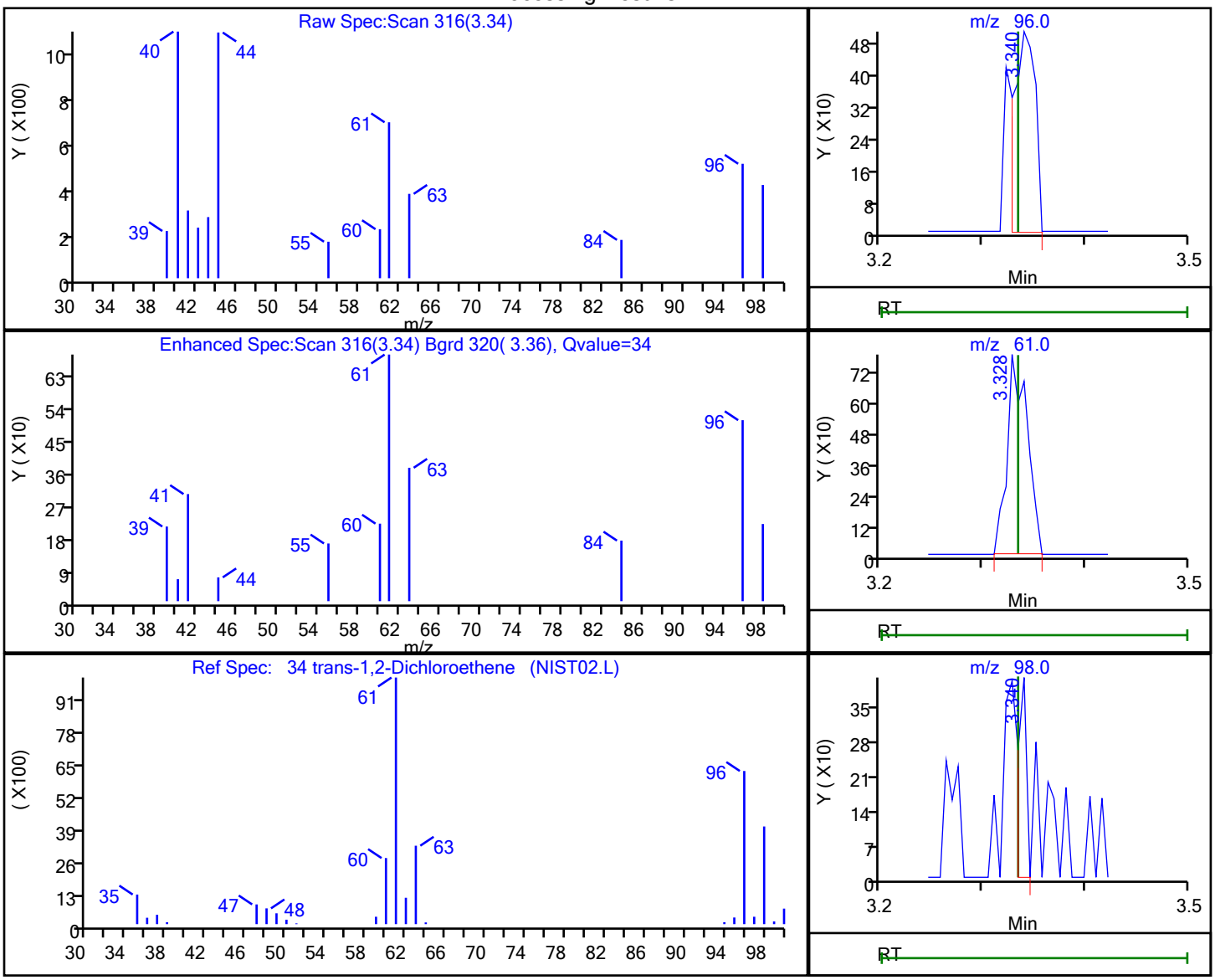
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
3.34	96.00	721	0.238736
3.33	61.00	1091	
3.34	98.00	236	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

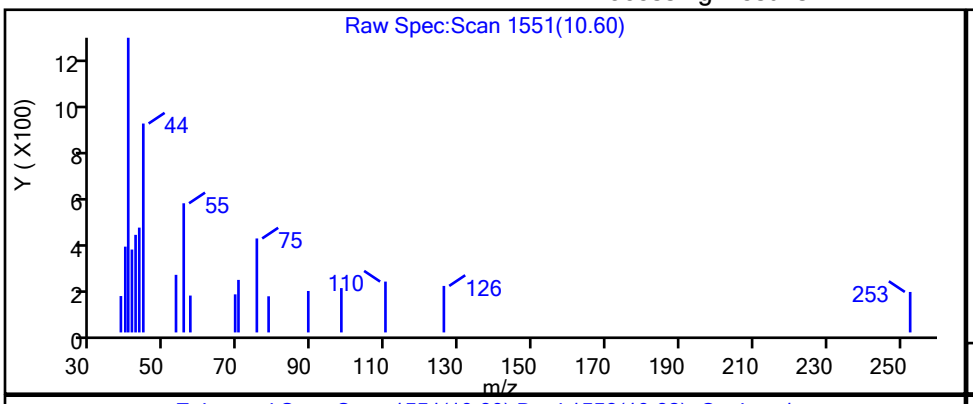
User Disabled Compound Report

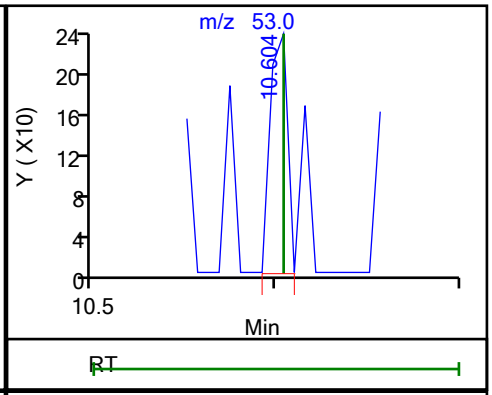
Eurofins Edison

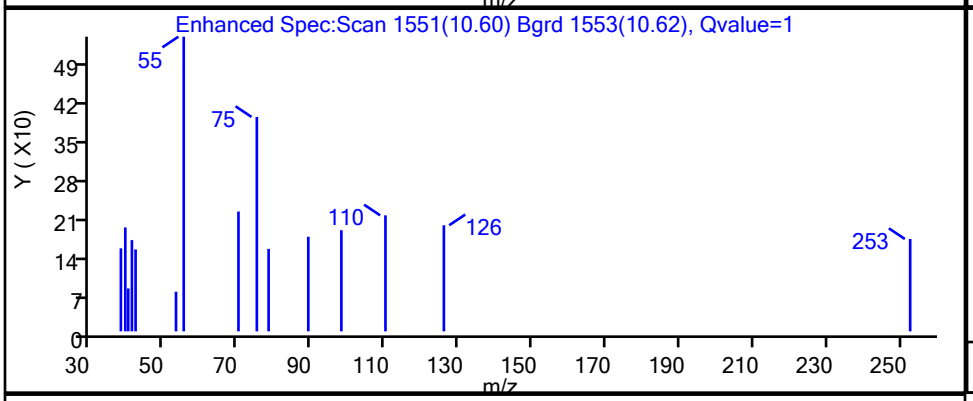
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

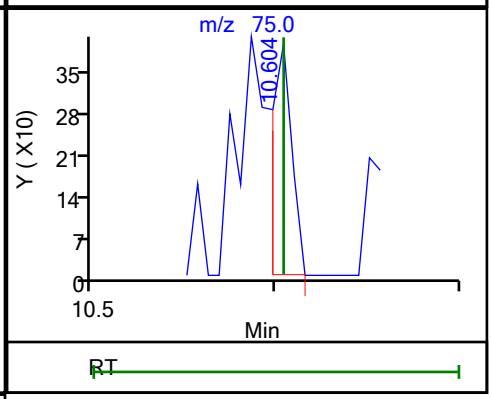
109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

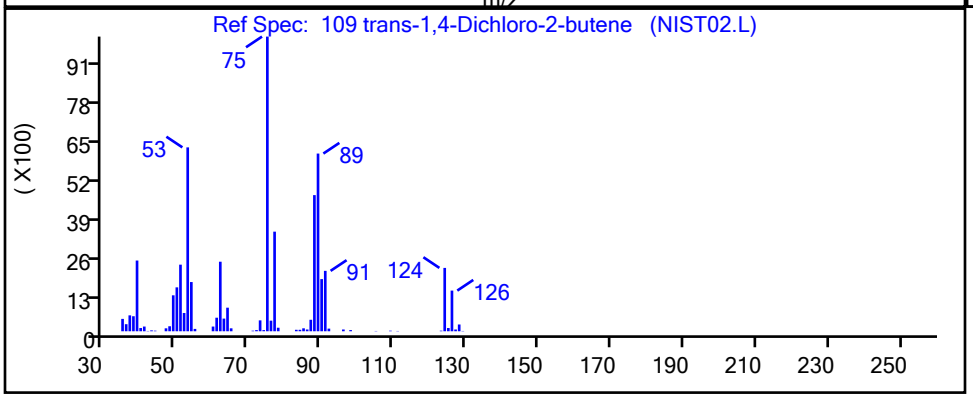
Processing Results











RT	Mass	Response	Amount
10.60	53.00	158	0.252378
10.60	75.00	295	

Reviewer: NN6A, 14-May-2025 20:43:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 14-May-2025 10:45:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0190761-020
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:10:16 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: KG2Q Date: 14-May-2025 11:22:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.511	1.510	0.001	17	555	1.00	1.04	a
4 Dichlorodifluoromethane	85	1.534	1.540	-0.006	97	3805	1.00	1.04	
165 Chlorodifluoromethane	51	1.569	1.558	0.011	36	3221	1.00	1.04	
6 Chloromethane	50	1.728	1.728	0.000	98	3945	1.00	1.01	
7 Vinyl chloride	62	1.793	1.793	0.000	96	3234	1.00	0.9504	
172 Butadiene	39	1.811	1.810	0.000	94	3274	1.00	1.06	
9 Bromomethane	94	2.069	2.069	0.000	95	2147	1.00	0.9581	
10 Chloroethane	64	2.146	2.146	0.000	94	2367	1.00	1.03	
174 Dichlorofluoromethane	67	2.299	2.299	0.000	97	6815	1.00	1.10	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	69	4776	1.00	1.09	
13 Pentane	72	2.352	2.352	0.000	95	1168	2.00	3.66	
14 Ethanol	46	2.493	2.475	0.018	1	811	40.0	40.4	Ma
15 Ethyl ether	59	2.528	2.528	0.000	95	3721	1.00	1.00	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	80	2544	1.00	1.11	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.563	2.557	0.006	84	2521	1.00	1.14	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	92	4125	1.00	1.08	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.693	2.687	0.006	91	2772	1.00	1.17	
19 Acrolein	56	2.699	2.693	0.006	56	1682	4.00	4.12	a
21 1,1-Dichloroethene	96	2.734	2.728	0.006	95	3001	1.00	1.19	
22 Acetone	58	2.805	2.810	-0.005	73	617	5.00	4.35	
24 Isopropyl alcohol	45	2.863	2.863	0.000	24	1184	10.0	12.1	a
23 Iodomethane	142	2.887	2.887	0.000	93	2926	1.00	0.9218	
25 Carbon disulfide	76	2.922	2.922	0.000	99	11055	1.00	1.32	
27 Methyl acetate	43	3.028	3.028	0.000	50	2261	2.00	2.01	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	88	2005	1.00	1.13	
166 Cyclopentene	67	3.057	3.052	0.005	86	8690	1.00	1.25	
29 Acetonitrile	41	3.099	3.099	0.000	20	2063	10.0	9.81	a
* 30 TBA-d9 (IS)	65	3.116	3.110	0.006	0	130439	1000.0	1000.0	
31 Methylene Chloride	84	3.157	3.152	0.005	89	2942	1.00	1.00	M
32 2-Methyl-2-propanol	59	3.187	3.181	0.006	91	1593	10.0	10.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.293	3.299	-0.006	92	6614	1.00	1.05	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	94	3077	1.00	1.06	
35 Acrylonitrile	53	3.405	3.404	0.001	97	5770	10.0	10.5	
36 Hexane	43	3.475	3.481	-0.006	87	2161	1.00	1.38	
37 Isopropyl ether	45	3.675	3.675	0.000	97	8942	1.00	1.09	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	85	5330	1.00	1.02	
39 Vinyl acetate	86	3.722	3.728	-0.006	99	647	2.00	1.56	
40 2-Chloro-1,3-butadiene	88	3.781	3.775	0.006	92	2776	1.00	1.10	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	89	7768	1.00	1.01	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	140405	250.0	250.0	
43 2,2-Dichloropropane	97	4.228	4.222	0.006	46	932	1.00	0.9160	
44 cis-1,2-Dichloroethene	96	4.252	4.251	0.001	92	3679	1.00	1.12	
46 Ethyl acetate	70	4.263	4.257	0.006	92	804	2.00	3.92	
45 2-Butanone (MEK)	72	4.269	4.263	0.006	97	1380	5.00	6.91	
47 Methyl acrylate	55	4.322	4.316	0.006	65	1974	1.00	1.30	a
48 Propionitrile	54	4.399	4.404	-0.005	82	2297	10.0	10.4	
50 Chlorobromomethane	128	4.487	4.487	0.000	48	1329	1.00	0.99	
49 Tetrahydrofuran	42	4.516	4.493	0.023	29	2461	2.00	2.05	
51 Methacrylonitrile	67	4.516	4.510	0.006	93	6819	10.0	9.48	
52 Chloroform	83	4.534	4.534	0.000	97	5442	1.00	1.04	
53 Cyclohexane	56	4.681	4.681	0.000	72	4498	1.00	1.19	
54 1,1,1-Trichloroethane	97	4.693	4.693	0.000	45	4723	1.00	1.07	
$ 55 Dibromofluoromethane (Surr)	113	4.699	4.699	0.001	96	131908	50.0	49.8	
56 Carbon tetrachloride	117	4.822	4.822	0.000	92	3593	1.00	1.01	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	92	4395	1.00	1.13	
58 Isobutyl alcohol	43	4.957	4.946	0.011	15	1871	25.0	28.5	a
59 Isooctane	57	5.022	5.022	0.000	86	6494	1.00	1.43	
60 Benzene	78	5.063	5.069	-0.006	47	12516	1.00	1.08	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	131906	50.0	50.0	
62 Isopropyl acetate	61	5.075	5.104	-0.029	32	3214	1.00	1.01	a
63 Tert-amyl methyl ether	87	5.122	5.110	0.012	94	2104	1.00	1.07	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	92	3461	1.00	1.00	
65 n-Heptane	71	5.216	5.210	0.006	69	1596	1.00	1.34	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	530729	50.0	50.0	
67 n-Butanol	56	5.681	5.675	0.006	67	1413	25.0	31.8	M
68 Trichloroethene	95	5.757	5.757	0.000	95	3056	1.00	1.00	
69 Ethyl acrylate	99	5.887	5.881	0.006	91	283	1.00	0.9593	a
70 Methylcyclohexane	83	5.893	5.893	0.000	81	3659	1.00	1.16	
71 1,2-Dichloropropane	63	6.081	6.075	0.006	87	3233	1.00	1.09	
* 73 1,4-Dioxane-d8	96	6.128	6.134	-0.006	0	15598	1000.0	1000.0	
72 Methyl methacrylate	69	6.146	6.151	-0.005	52	3273	2.00	2.43	
75 1,4-Dioxane	88	6.193	6.198	-0.005	27	546	50.0	32.3	
74 n-Propyl acetate	43	6.210	6.204	0.006	31	2779	1.00	1.23	M
76 Dibromomethane	93	6.210	6.222	-0.012	48	1438	1.00	0.9662	M
77 Dichlorobromomethane	83	6.398	6.381	0.017	96	3886	1.00	1.00	a
79 2-Nitropropane	41	6.763	6.757	0.006	77	1385	2.00	2.05	
80 Epichlorohydrin	57	6.881	6.887	-0.006	17	2847	20.0	23.8	a
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	90	5223	1.00	1.08	
82 4-Methyl-2-pentanone (MIBK)	43	7.128	7.128	0.000	95	7970	5.00	5.52	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	493898	50.0	50.3	
84 Toluene	91	7.316	7.316	0.000	95	13335	1.00	1.14	
86 trans-1,3-Dichloropropene	75	7.728	7.722	0.006	94	4017	1.00	1.03	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.751	7.745	0.006	38	2466	1.00	0.9299	
87 1,1,2-Trichloroethane	83	7.975	7.987	-0.012	38	1804	1.00	1.07	M
88 Tetrachloroethene	166	8.034	8.034	0.000	91	2665	1.00	0.99	
89 1,3-Dichloropropane	76	8.251	8.257	-0.006	89	3325	1.00	0.9448	
90 2-Hexanone	58	8.339	8.339	0.000	96	2661	5.00	4.81	M
91 n-Butyl acetate	73	8.492	8.492	0.000	43	378	1.00	0.8536	
92 Chlorodibromomethane	129	8.569	8.563	0.006	82	2370	1.00	1.06	
93 Ethylene Dibromide	107	8.763	8.763	0.000	96	2246	1.00	1.12	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	86	364092	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	93	8190	1.00	1.11	
96 Ethylbenzene	106	9.439	9.433	0.006	97	4794	1.00	1.17	
97 1,1,1,2-Tetrachloroethane	131	9.445	9.445	0.000	38	1887	1.00	0.7625	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	5758	1.00	1.17	
99 n-Butyl acrylate	73	9.939	9.933	0.006	94	1693	1.00	1.05	
100 o-Xylene	106	9.951	9.951	0.000	93	5485	1.00	1.14	
101 Styrene	104	9.975	9.975	0.000	97	8241	1.00	1.04	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	91	3501	1.00	1.14	
103 Bromoform	173	10.157	10.157	0.000	90	1245	1.00	0.9415	
104 Isopropylbenzene	105	10.251	10.251	0.000	95	11666	1.00	1.09	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	88	137795	50.0	49.8	
107 Bromobenzene	156	10.528	10.528	0.000	98	3181	1.00	1.09	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	95	2047	1.00	1.02	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	16517	1.00	1.18	
110 1,2,3-Trichloropropane	110	10.592	10.592	0.000	47	513	1.00	0.9017	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.604	0.006	63	701	1.00	1.15	a
112 2-Chlorotoluene	91	10.663	10.657	0.006	91	11452	1.00	1.16	
169 4-Ethyltoluene	105	10.663	10.657	0.006	88	13752	1.00	1.18	
113 1,3,5-Trimethylbenzene	105	10.710	10.704	0.006	94	10543	1.00	1.16	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	10769	1.00	1.20	
114 Butyl Methacrylate	87	10.775	10.775	0.000	85	3785	1.00	1.15	
116 tert-Butylbenzene	119	10.928	10.928	0.000	91	8602	1.00	1.15	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	96	10413	1.00	1.11	
118 sec-Butylbenzene	134	11.075	11.069	0.006	98	2875	1.00	1.32	
119 4-Isopropyltoluene	119	11.169	11.163	0.006	97	11089	1.00	1.19	
120 1,3-Dichlorobenzene	146	11.175	11.175	0.000	88	5976	1.00	1.12	
* 121 1,4-Dichlorobenzene-d4	152	11.228	11.222	0.006	96	177075	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.245	11.239	0.006	94	6580	1.00	1.19	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	94	11110	1.00	1.16	
124 Benzyl chloride	91	11.339	11.339	0.000	98	4103	1.00	1.02	
162 2,3-Dihydroindene	117	11.392	11.386	0.006	95	10289	1.00	1.18	
164 p-Diethylbenzene	119	11.416	11.416	0.000	93	7100	1.00	1.29	
127 n-Butylbenzene	92	11.439	11.433	0.006	97	5799	1.00	1.29	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	91	5134	1.00	1.11	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	97	10460	1.00	1.34	
130 1,2-Dibromo-3-Chloropropane	157	12.075	12.069	0.006	5	370	1.00	1.15	
131 1,3,5-Trichlorobenzene	180	12.175	12.169	0.006	95	4032	1.00	1.34	
132 1,2,4-Trichlorobenzene	180	12.704	12.698	0.006	90	3516	1.00	1.03	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	86	1700	1.00	1.03	
134 Naphthalene	128	12.951	12.945	0.006	97	7127	1.00	1.03	
135 1,2,3-Trichlorobenzene	180	13.186	13.174	0.012	92	3006	1.00	2.03	a
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.18	
S 137 Xylenes, Total	100				0		2.00	2.31	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00205	Amount Added:	10.00	Units: uL	
524FREONS_00033	Amount Added:	10.00	Units: uL	
ACROLEIN W_00183	Amount Added:	4.00	Units: uL	
GASES Li_00641	Amount Added:	10.00	Units: uL	
14DIOXINTER_00184	Amount Added:	30.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:10:16 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1 Operator ID:

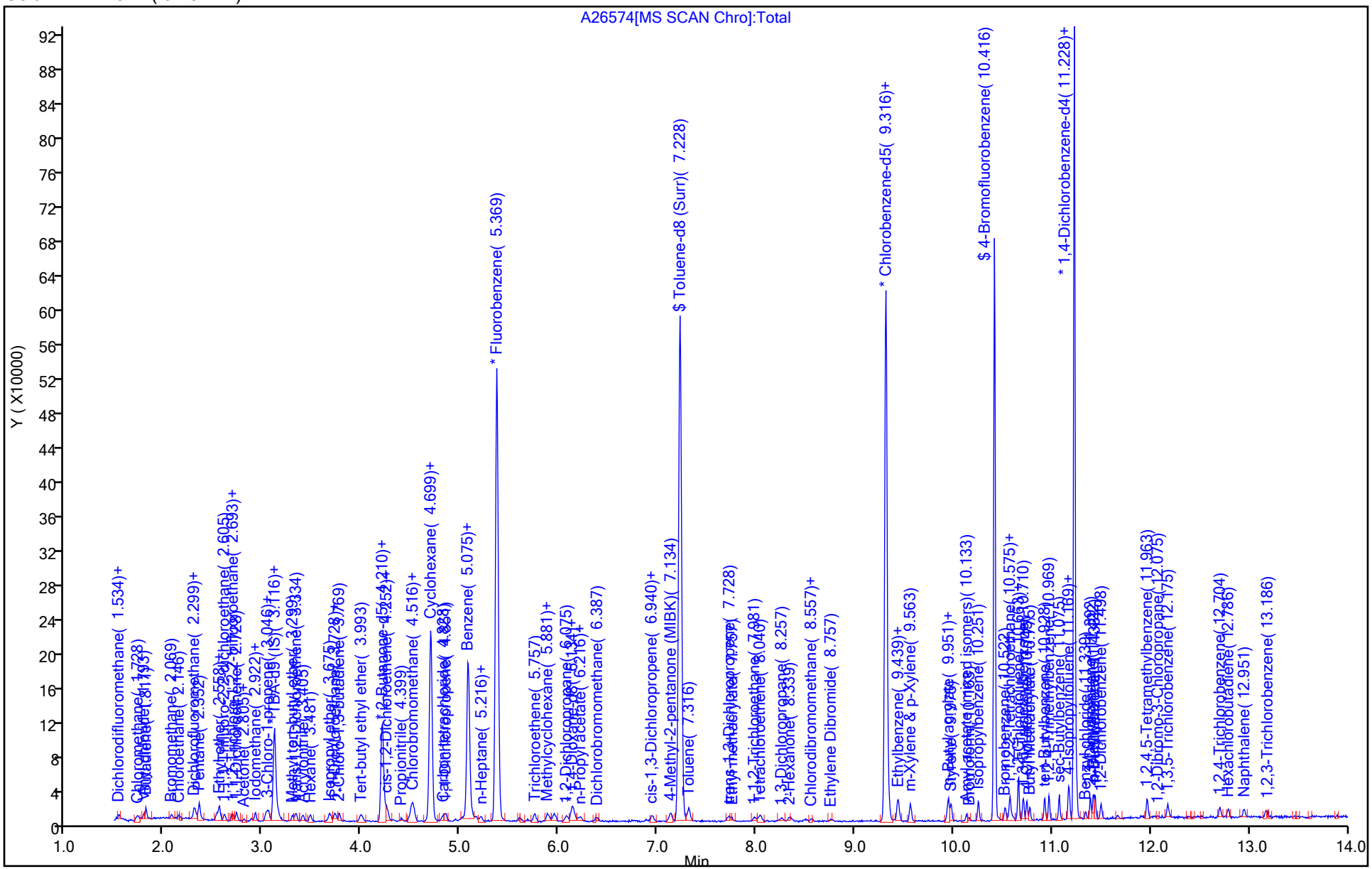
Lims ID: STD1 Worklist Smp#: 20

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 19

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

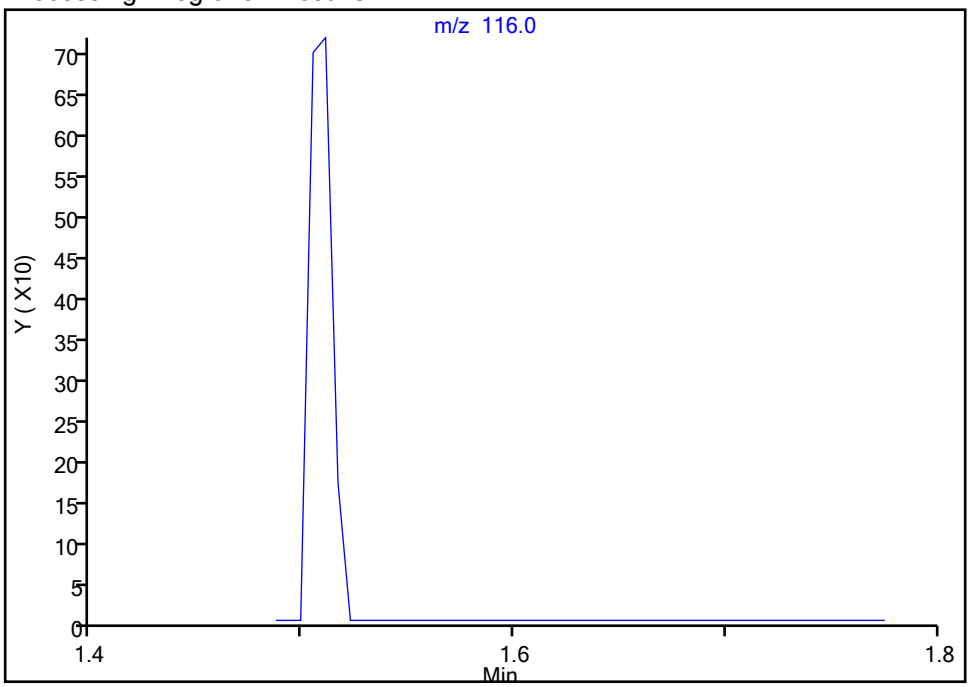
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

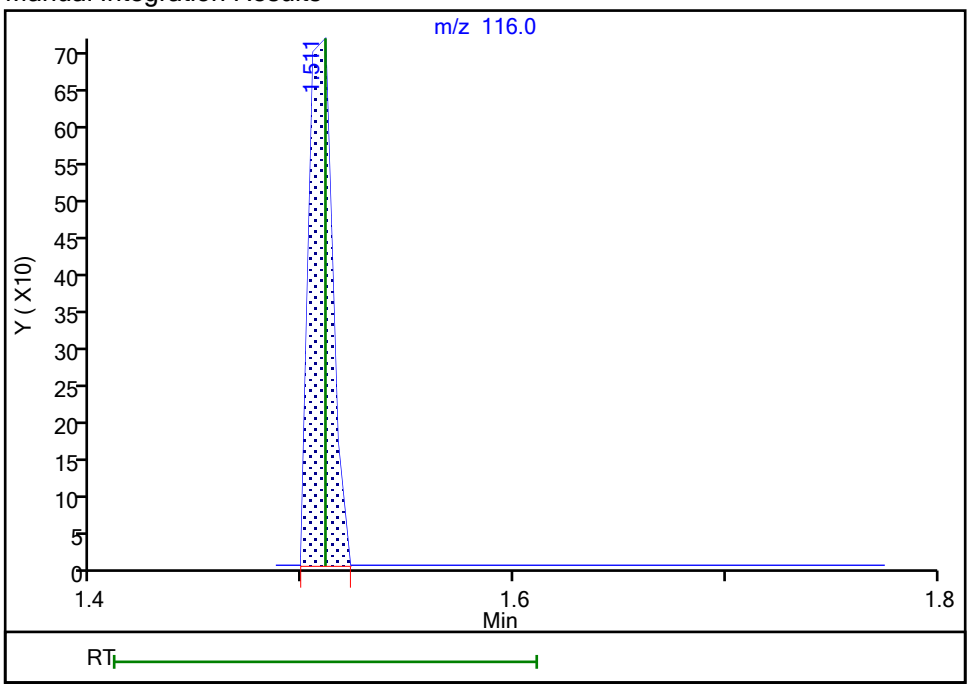
Not Detected
Expected RT: 1.51

Processing Integration Results



Manual Integration Results

RT: 1.51
Area: 555
Amount: 1.037662
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:33:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

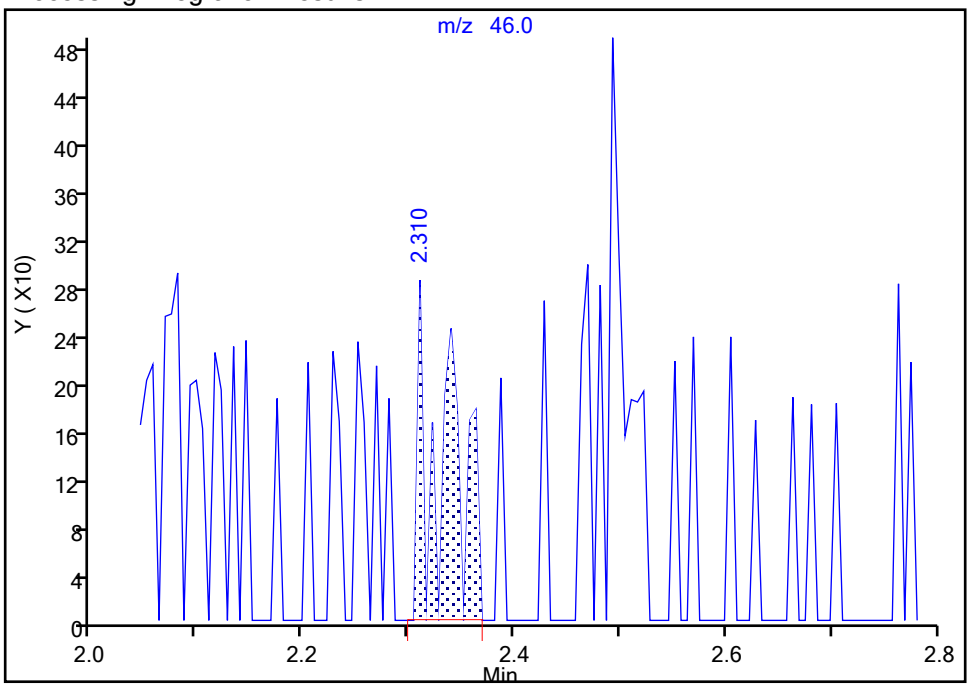
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

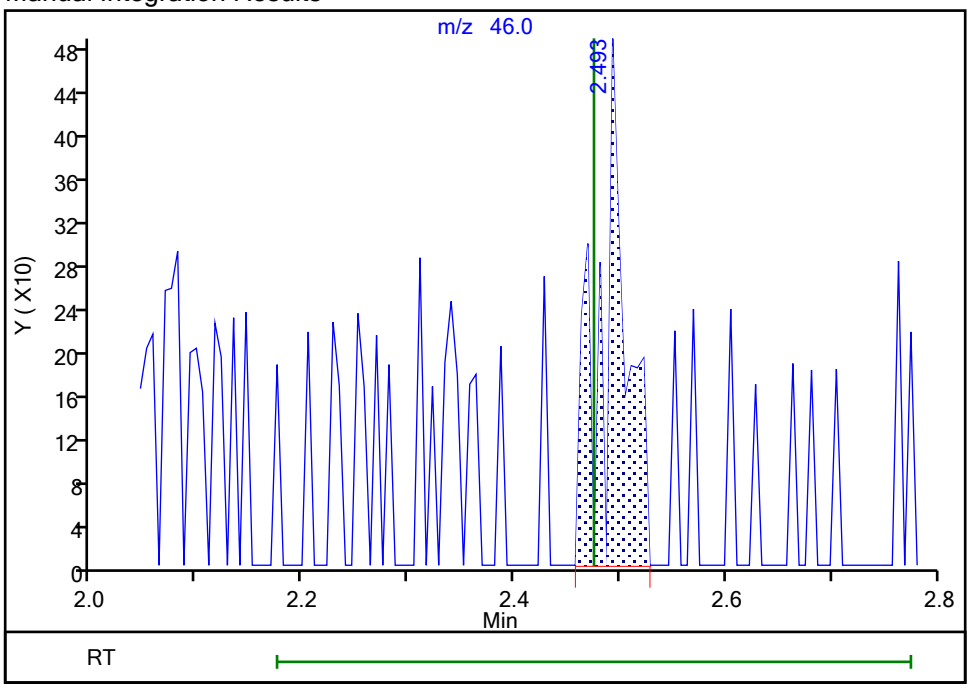
Processing Integration Results

RT: 2.31
Area: 491
Amount: 45.874552
Amount Units: ug/l



Manual Integration Results

RT: 2.49
Area: 811
Amount: 40.422131
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:34:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

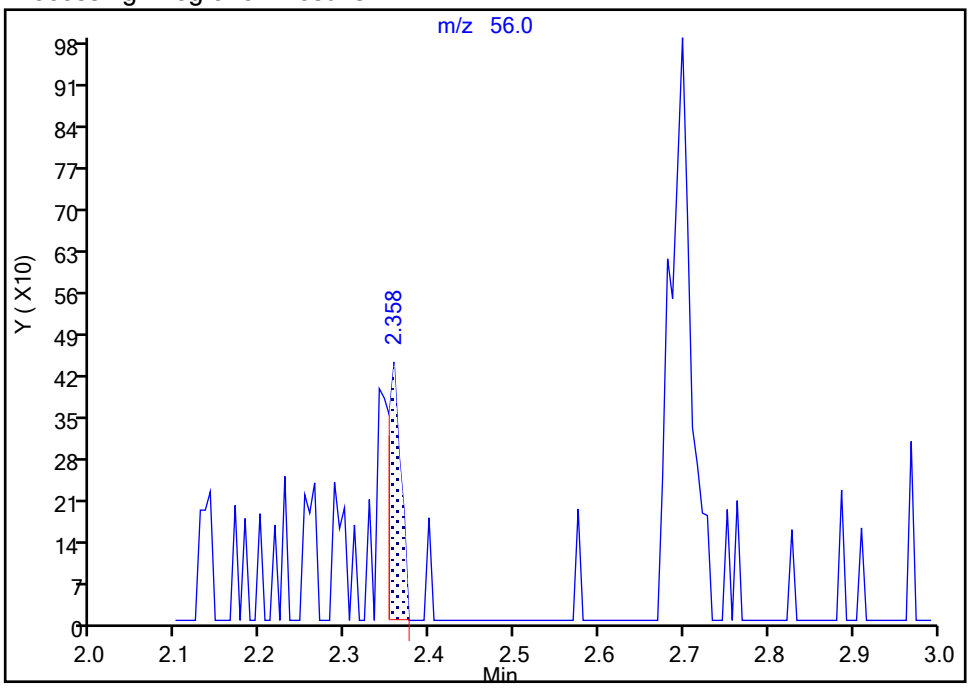
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

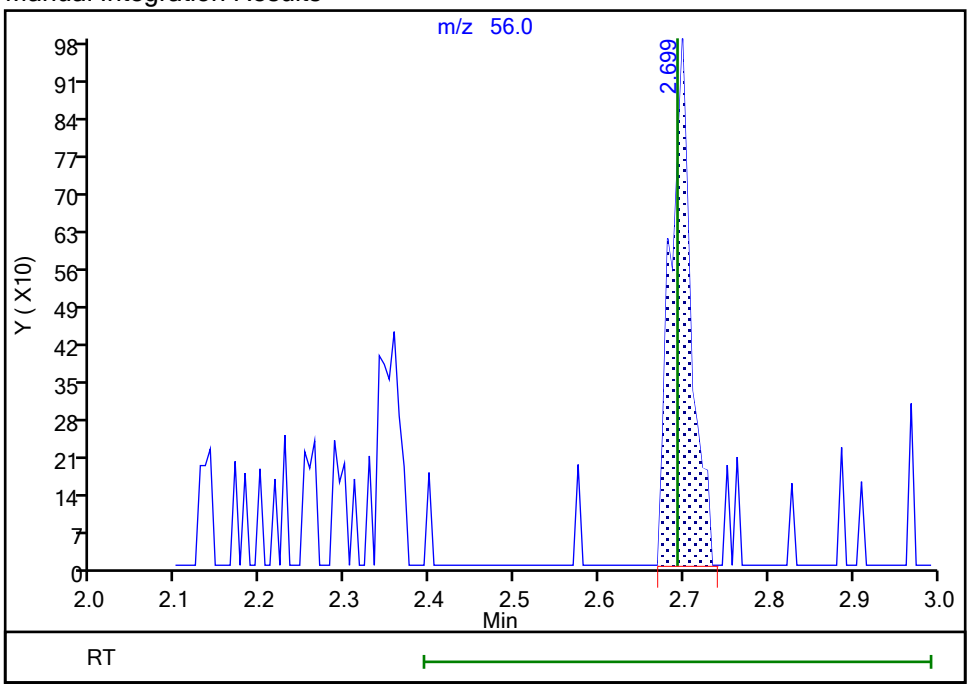
Processing Integration Results

RT: 2.36
Area: 440
Amount: 1.678913
Amount Units: ug/l



Manual Integration Results

RT: 2.70
Area: 1682
Amount: 4.117111
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:34:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

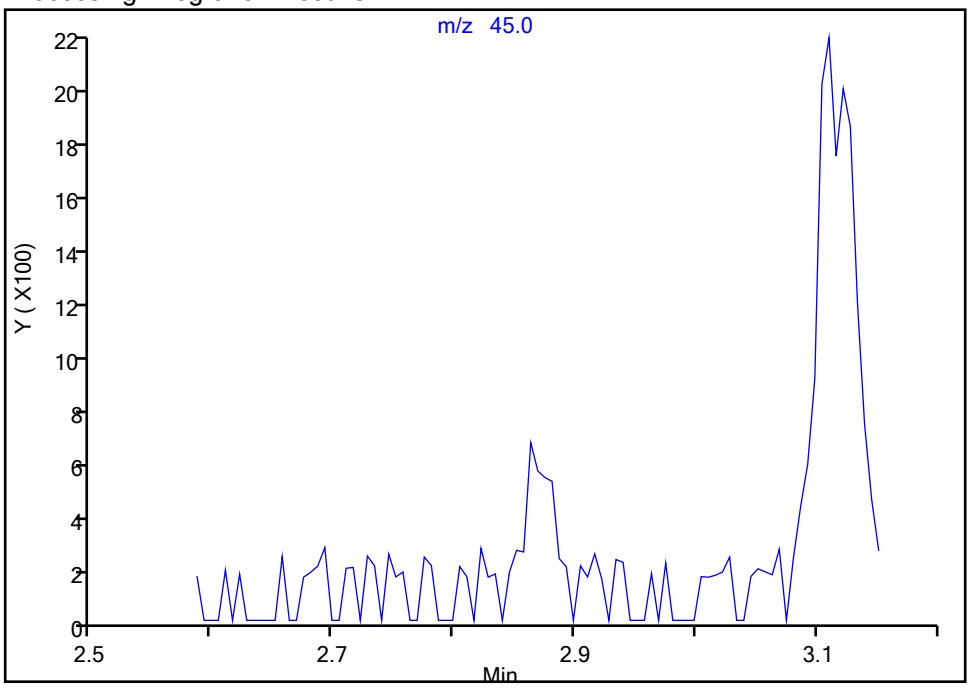
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

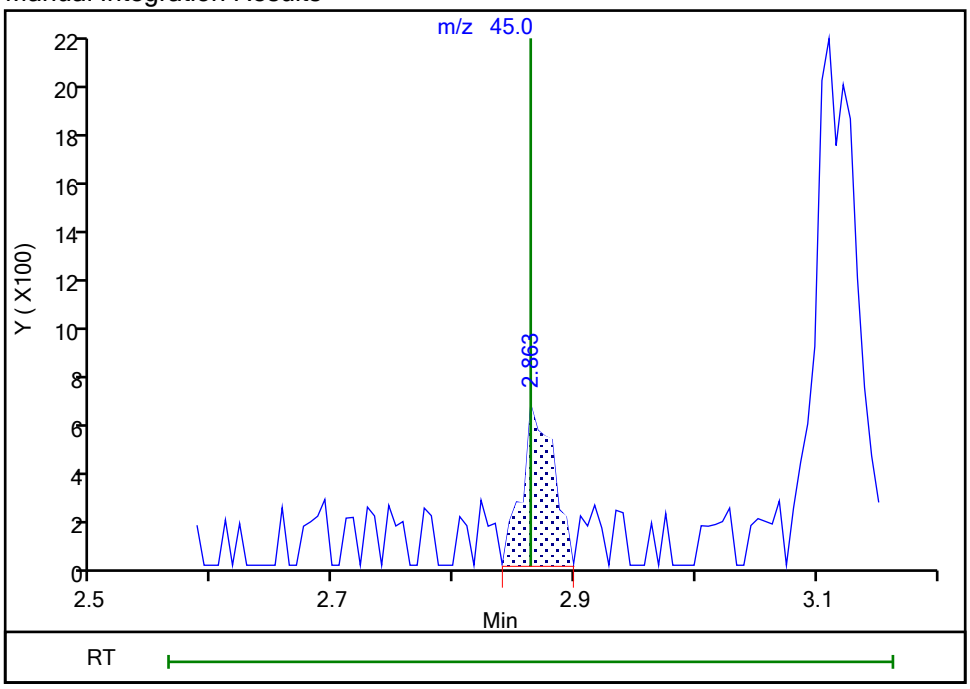
Not Detected
Expected RT: 2.86

Processing Integration Results



Manual Integration Results

RT: 2.86
Area: 1184
Amount: 12.086824
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:34:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

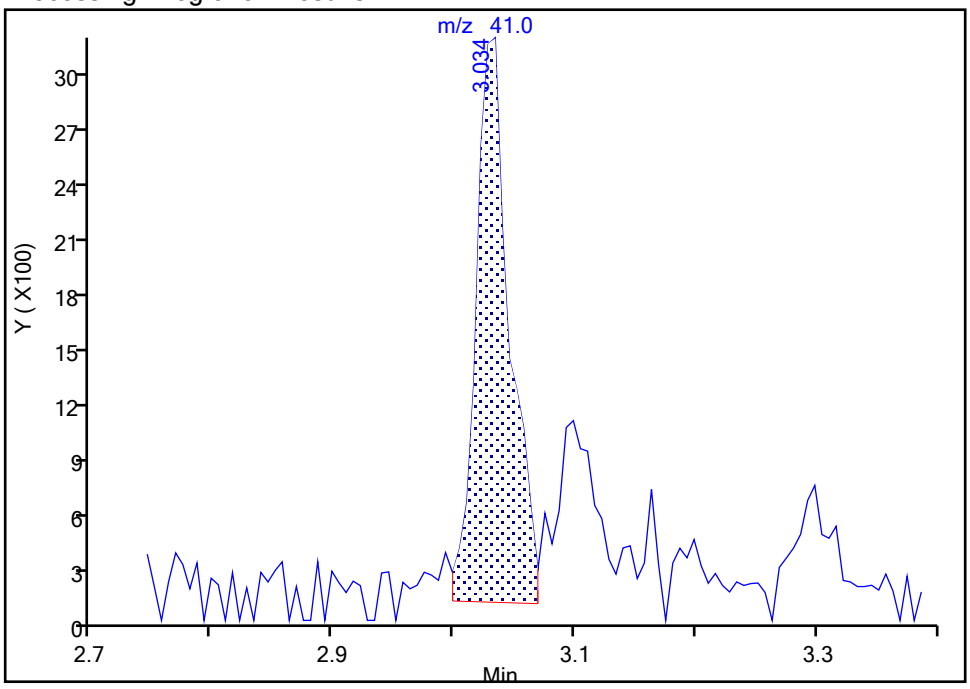
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

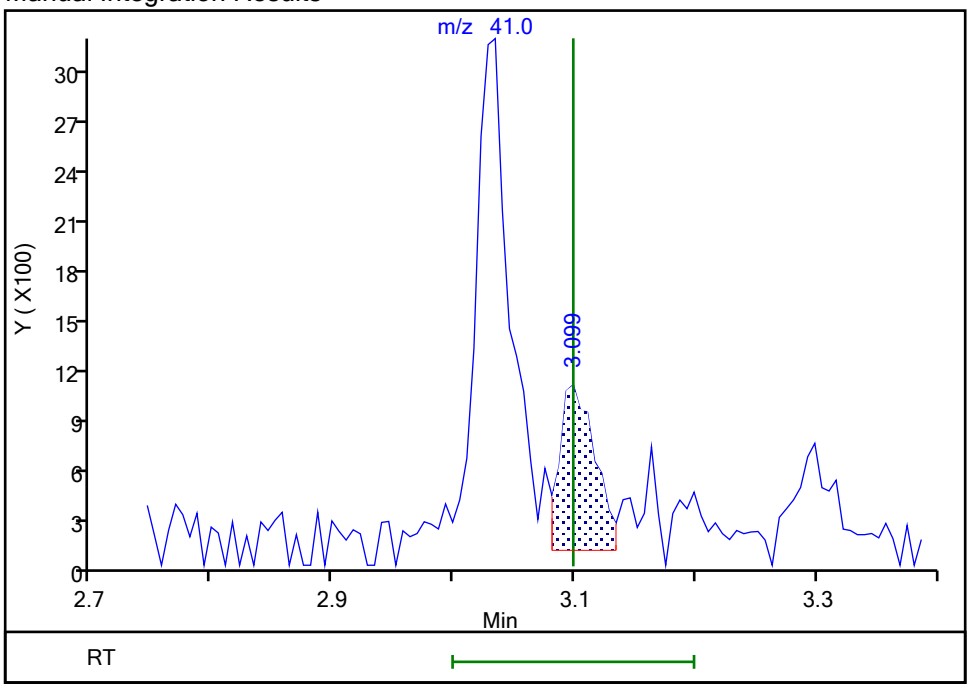
Processing Integration Results

RT: 3.03
Area: 5924
Amount: 26.662204
Amount Units: ug/l



Manual Integration Results

RT: 3.10
Area: 2063
Amount: 9.814043
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:34:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

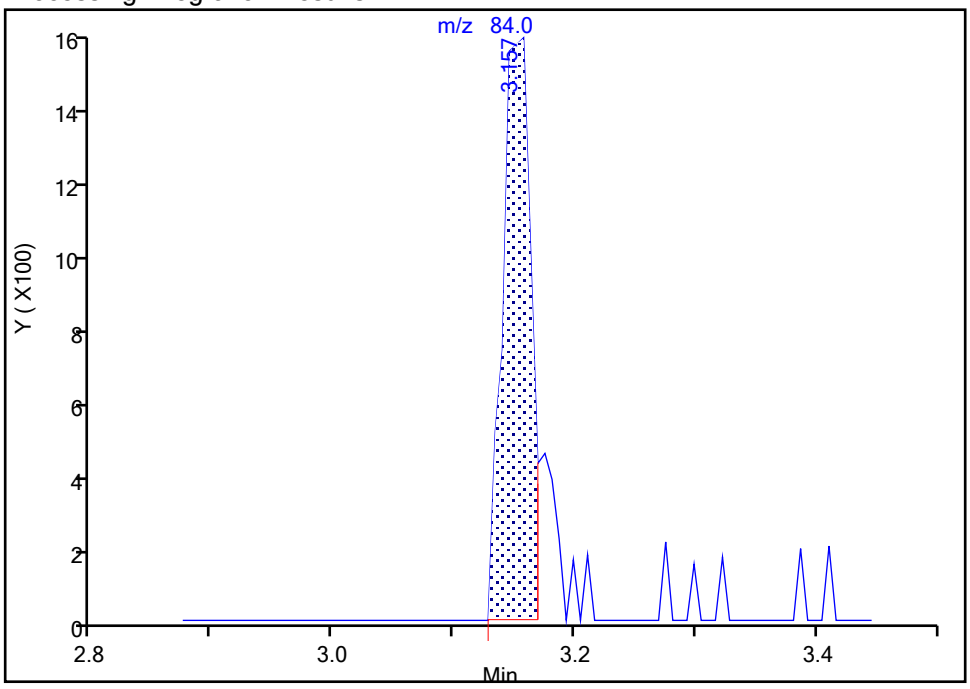
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Methylene Chloride, CAS: 75-09-2

Signal: 1

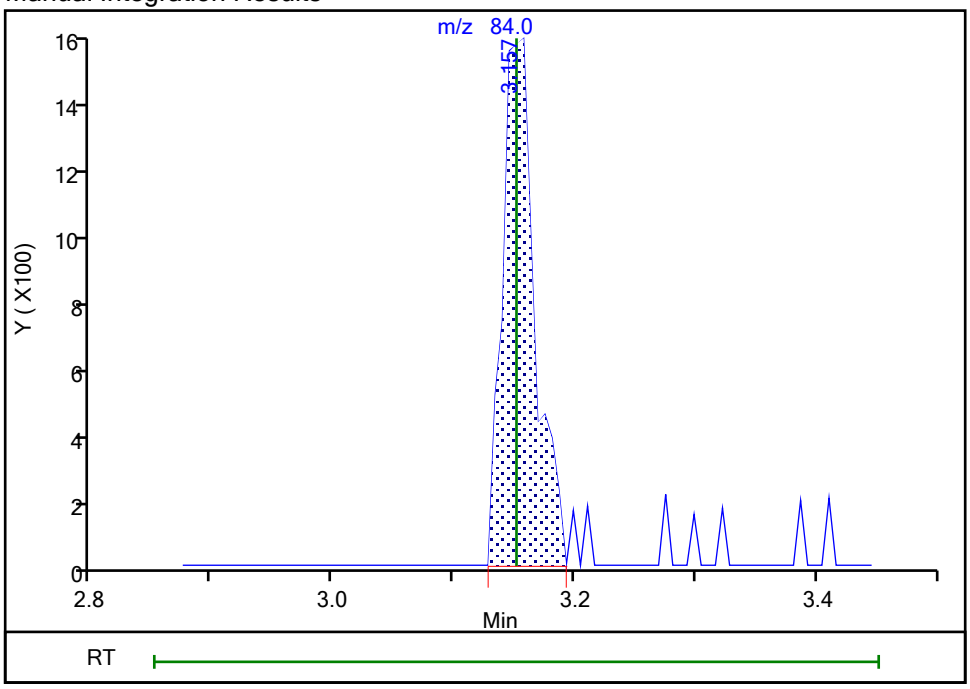
Processing Integration Results

RT: 3.16
Area: 2572
Amount: 0.859034
Amount Units: ug/l



Manual Integration Results

RT: 3.16
Area: 2942
Amount: 1.000188
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:34:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

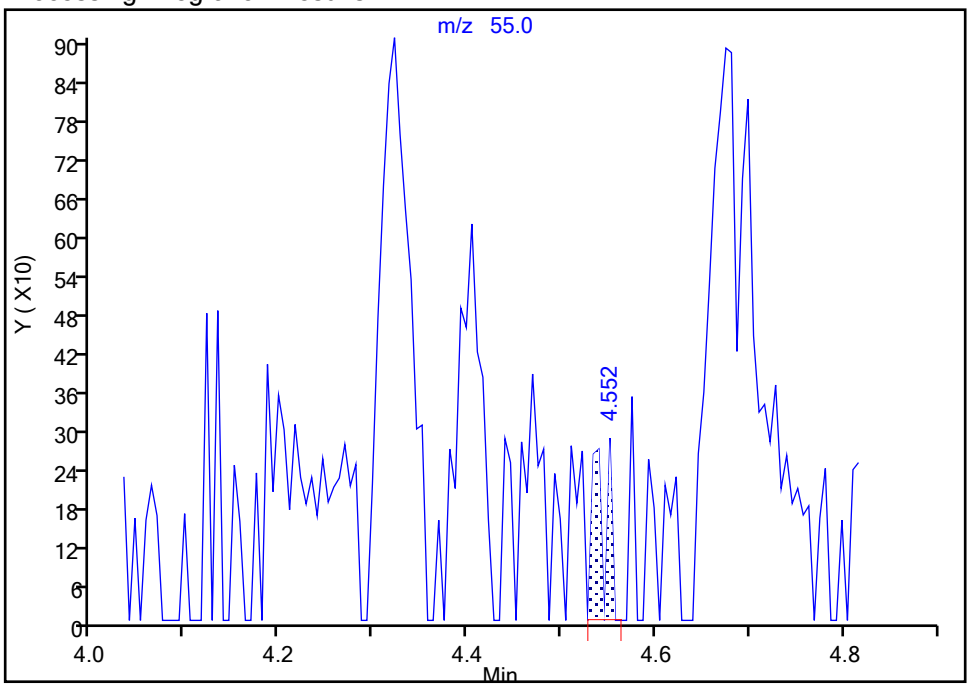
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

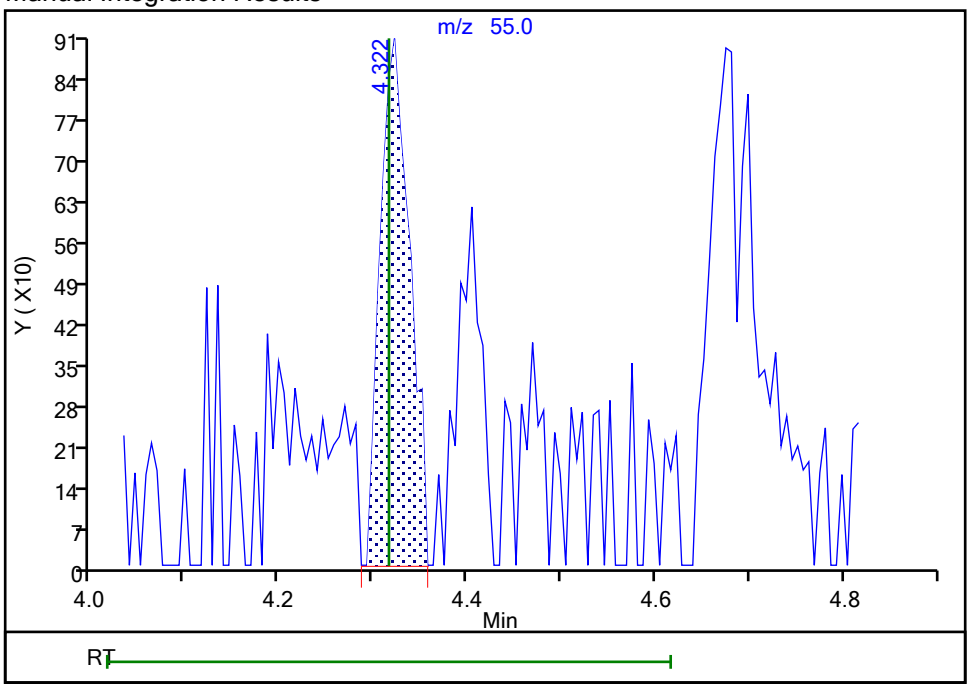
Processing Integration Results

RT: 4.55
Area: 284
Amount: 0.202441
Amount Units: ug/l



Manual Integration Results

RT: 4.32
Area: 1974
Amount: 1.302835
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:35:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

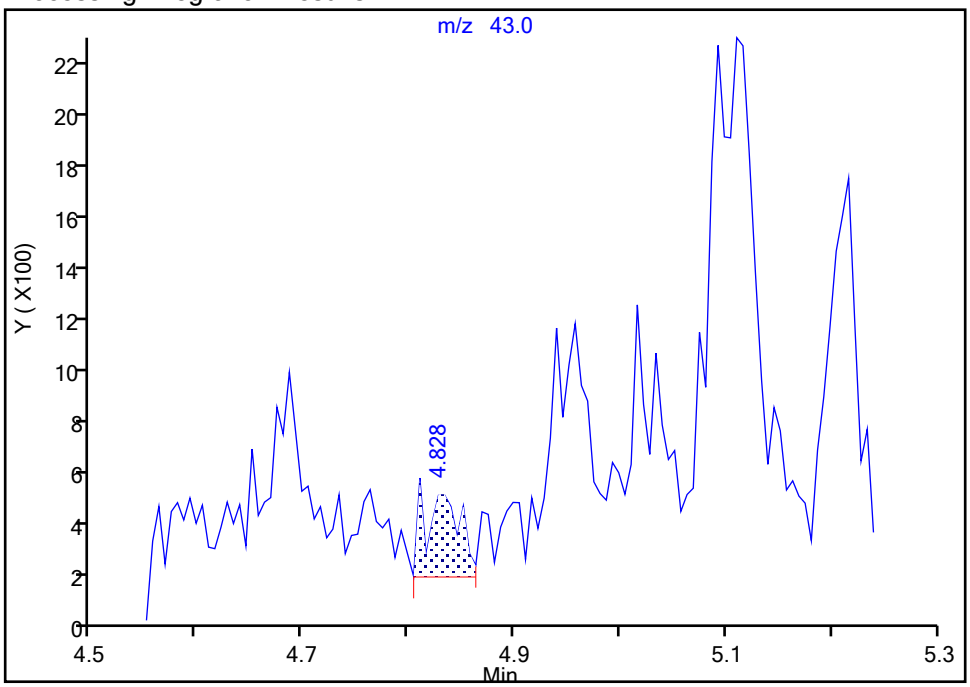
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

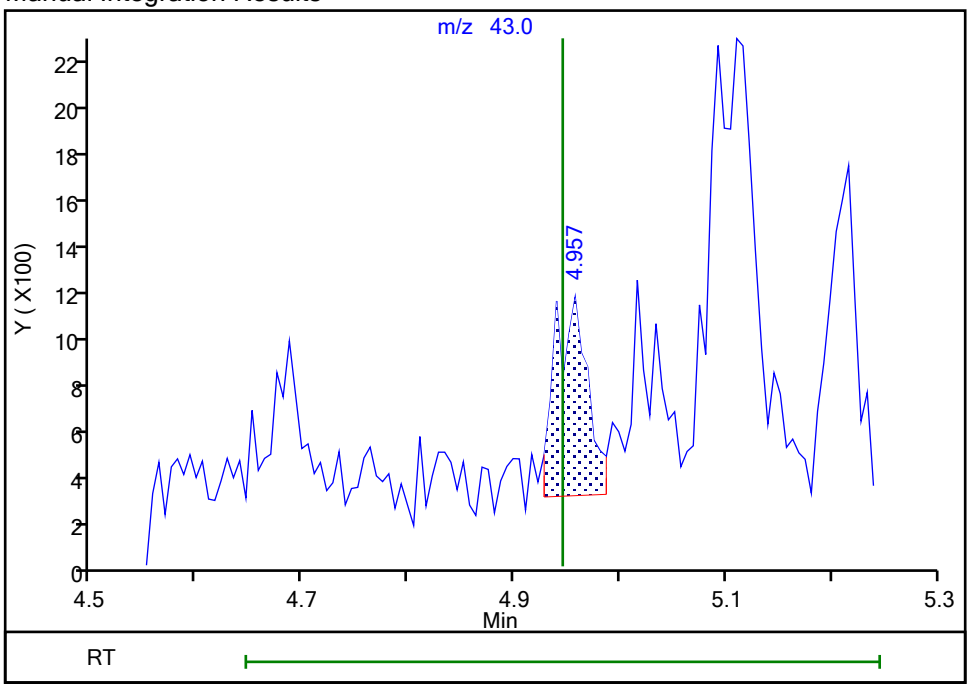
Processing Integration Results

RT: 4.83
Area: 765
Amount: 12.182180
Amount Units: ug/l



Manual Integration Results

RT: 4.96
Area: 1871
Amount: 28.466842
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:35:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

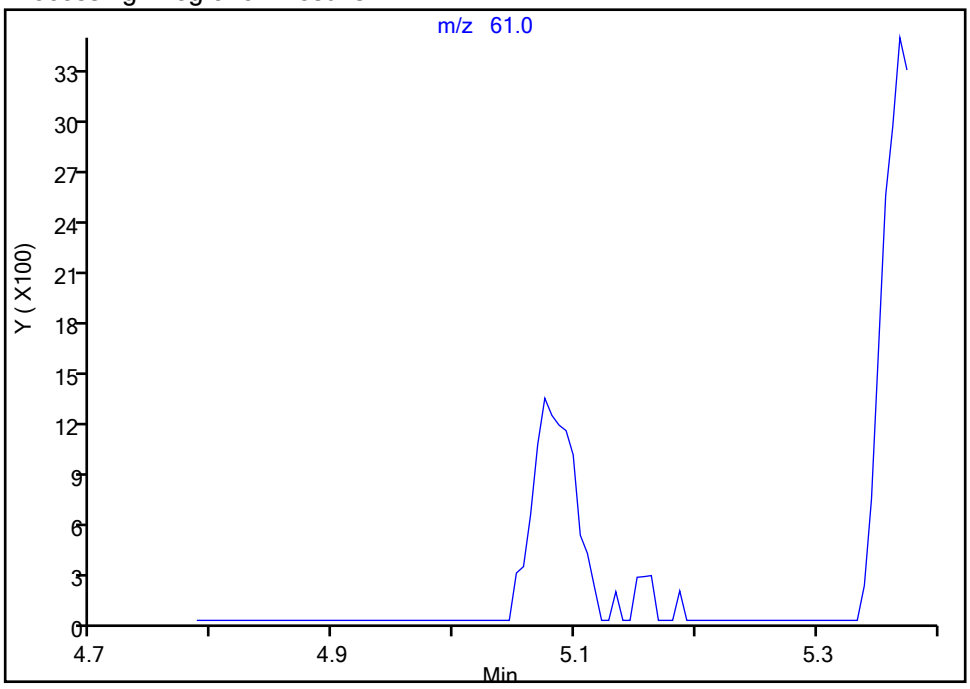
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

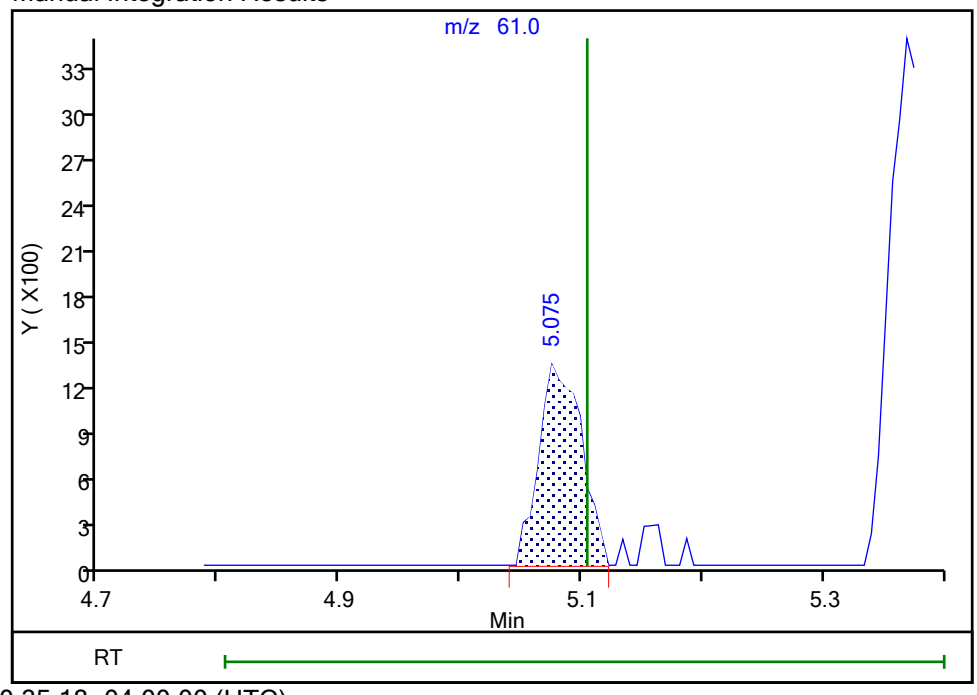
Not Detected
Expected RT: 5.10

Processing Integration Results



Manual Integration Results

RT: 5.08
Area: 3214
Amount: 1.005766
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:35:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

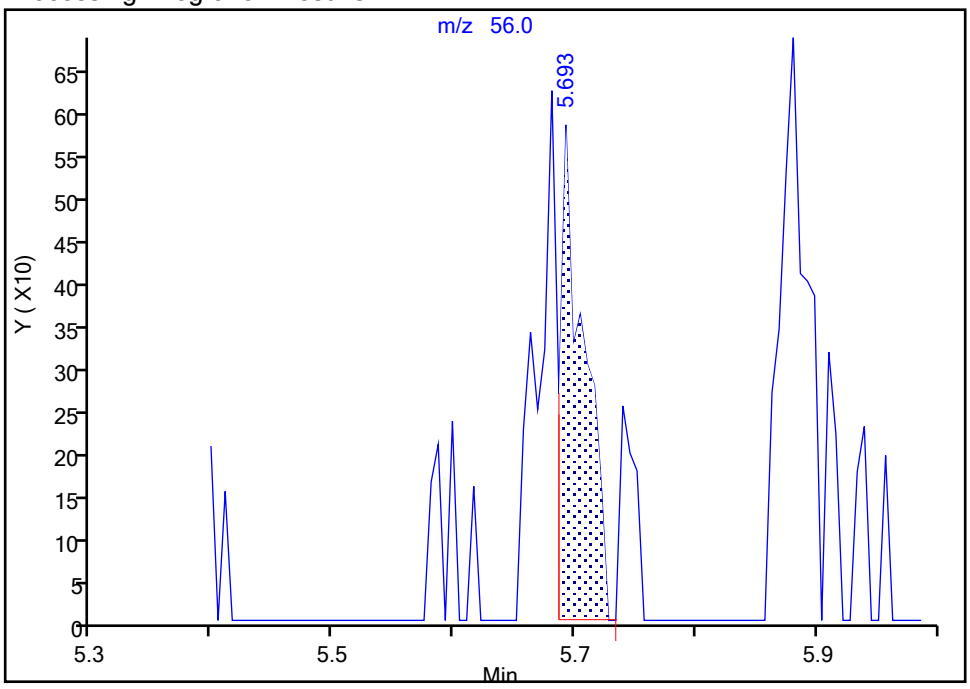
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 n-Butanol, CAS: 71-36-3

Signal: 1

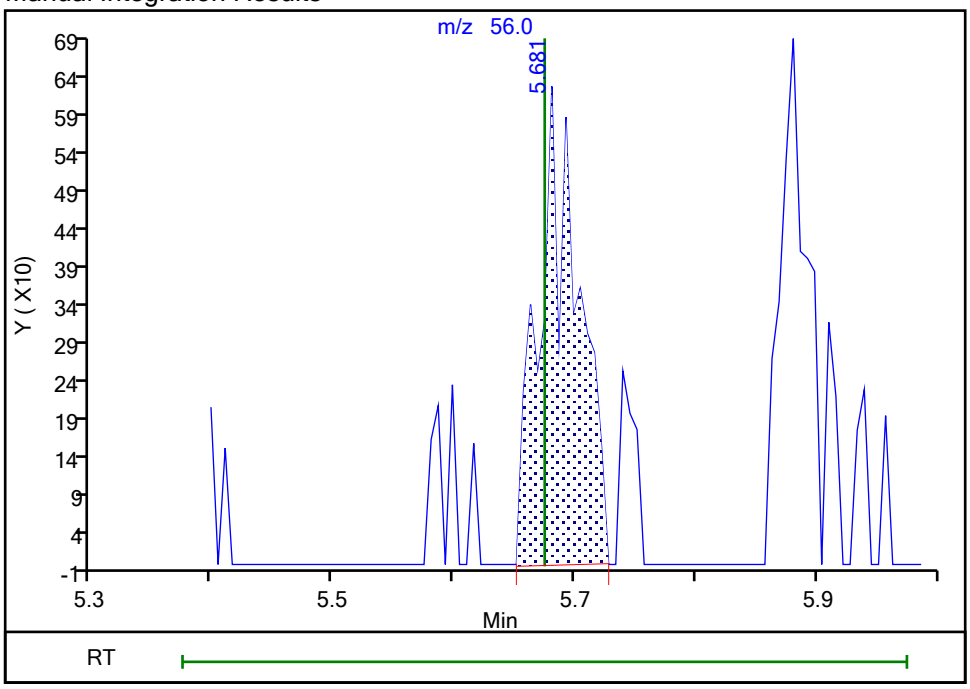
Processing Integration Results

RT: 5.69
Area: 795
Amount: 20.913217
Amount Units: ug/l



Manual Integration Results

RT: 5.68
Area: 1413
Amount: 31.752769
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:35:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

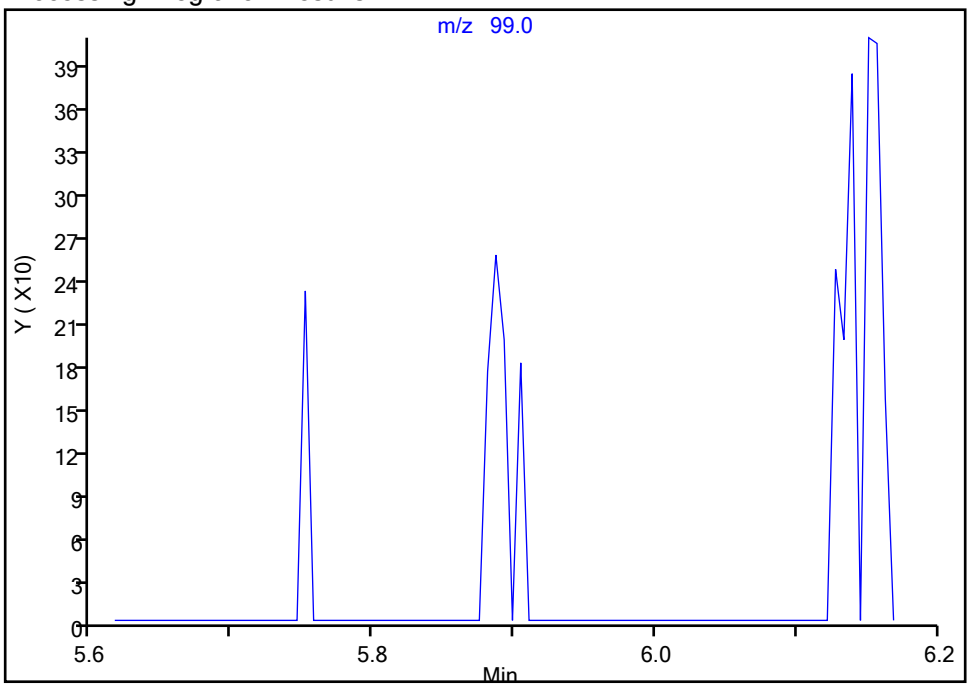
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

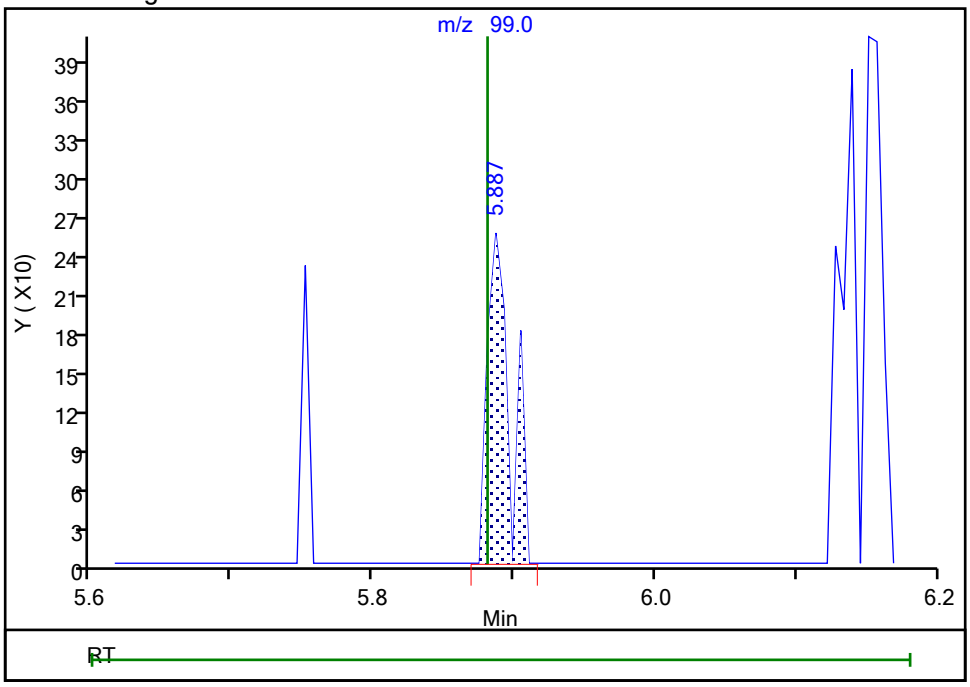
Not Detected
Expected RT: 5.88

Processing Integration Results



Manual Integration Results

RT: 5.89
Area: 283
Amount: 0.959346
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:35:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

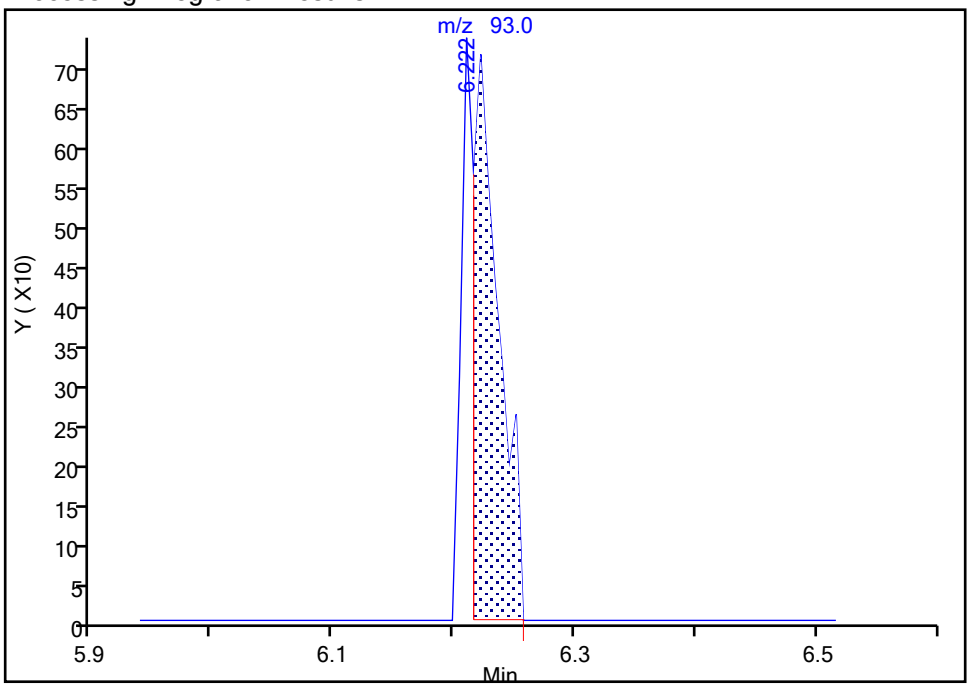
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 Dibromomethane, CAS: 74-95-3

Signal: 1

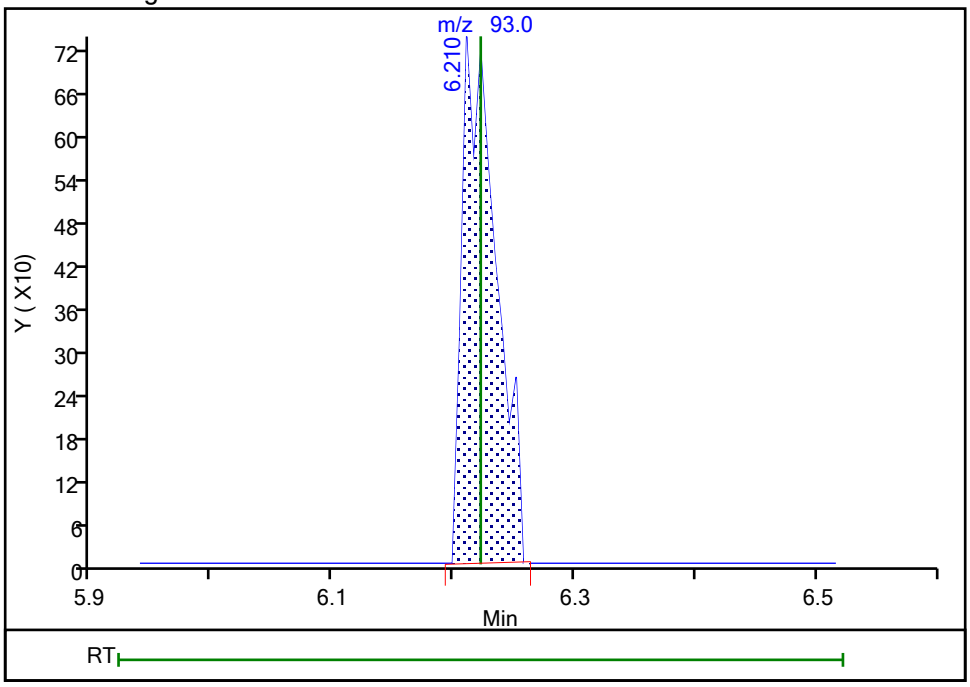
Processing Integration Results

RT: 6.22
Area: 1072
Amount: 0.751032
Amount Units: ug/l



Manual Integration Results

RT: 6.21
Area: 1438
Amount: 0.966158
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

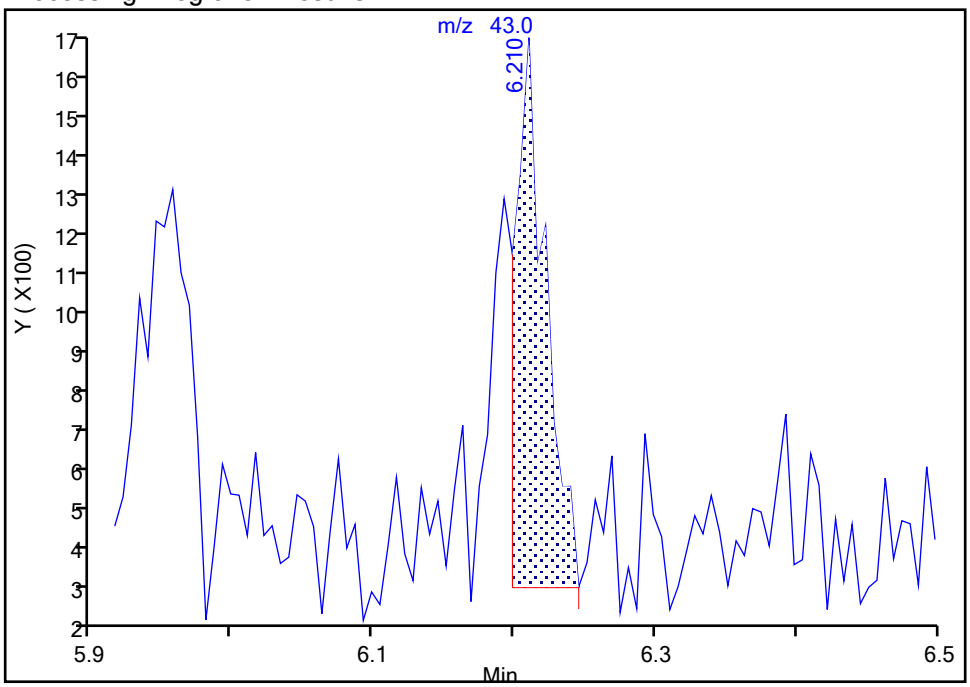
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 n-Propyl acetate, CAS: 109-60-4

Signal: 1

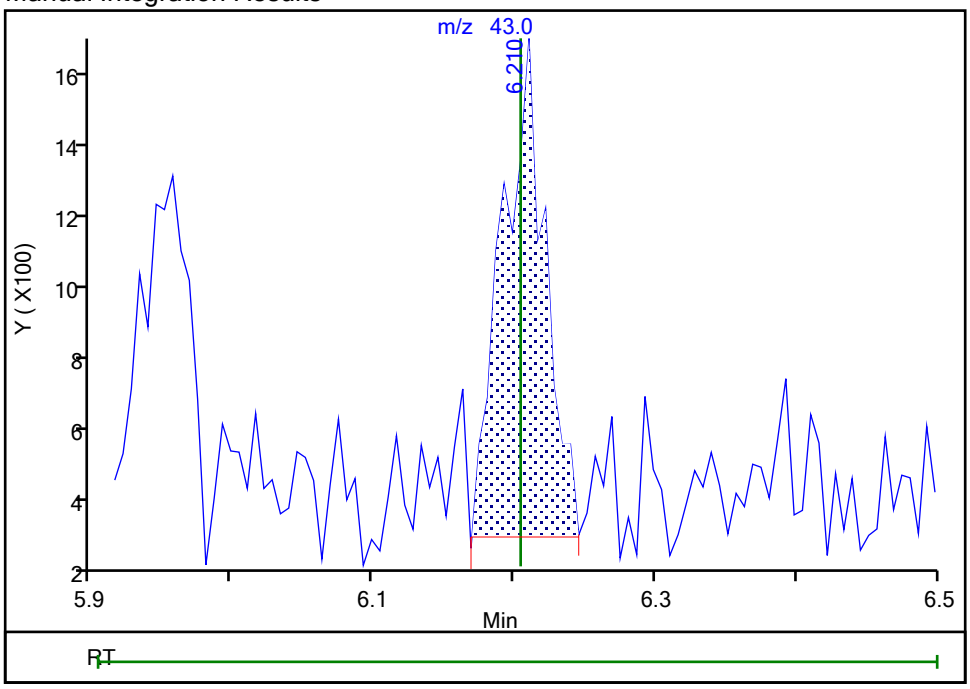
Processing Integration Results

RT: 6.21
Area: 1976
Amount: 0.929108
Amount Units: ug/l



Manual Integration Results

RT: 6.21
Area: 2779
Amount: 1.229317
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

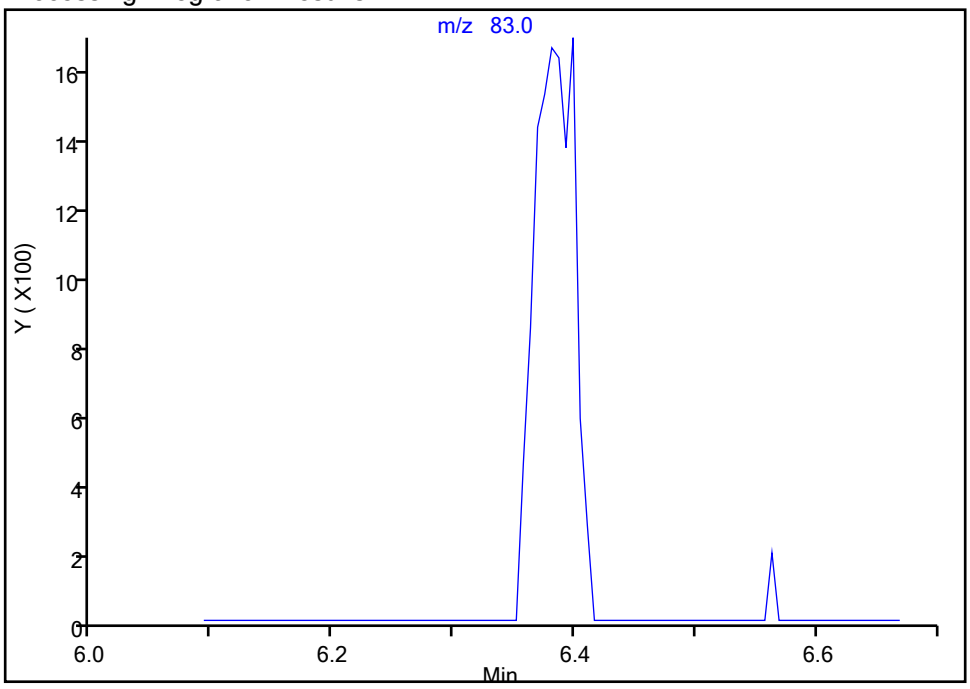
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

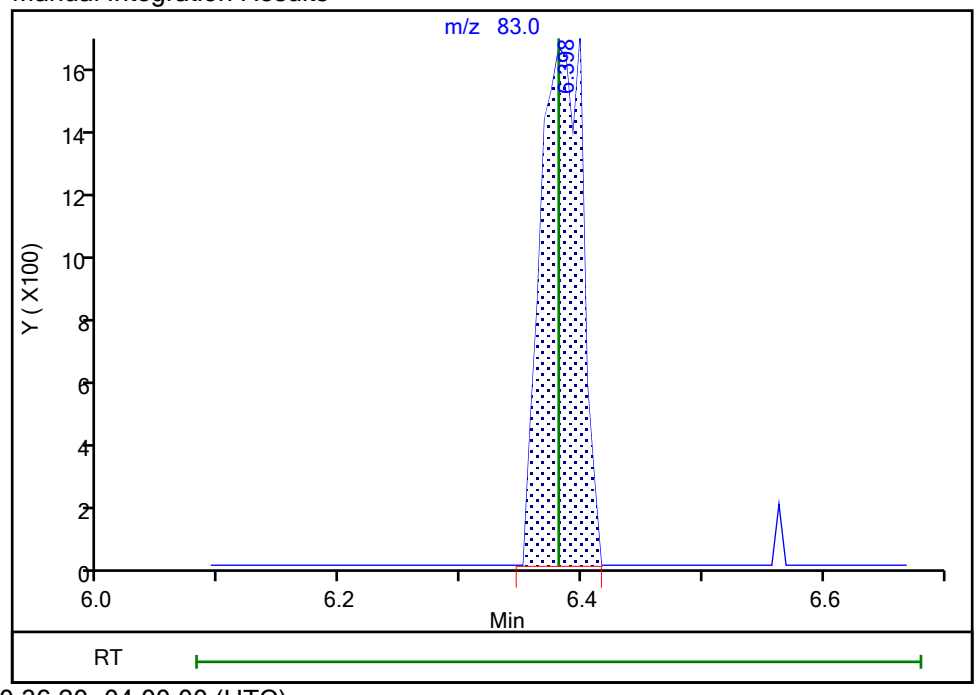
Not Detected
Expected RT: 6.38

Processing Integration Results



Manual Integration Results

RT: 6.40
Area: 3886
Amount: 0.996853
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

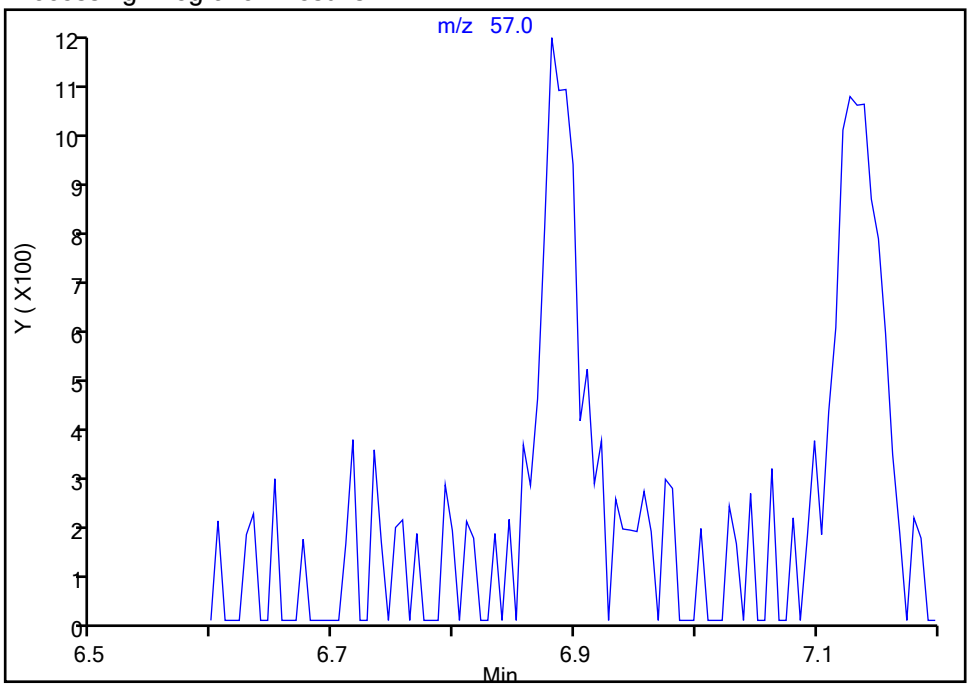
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

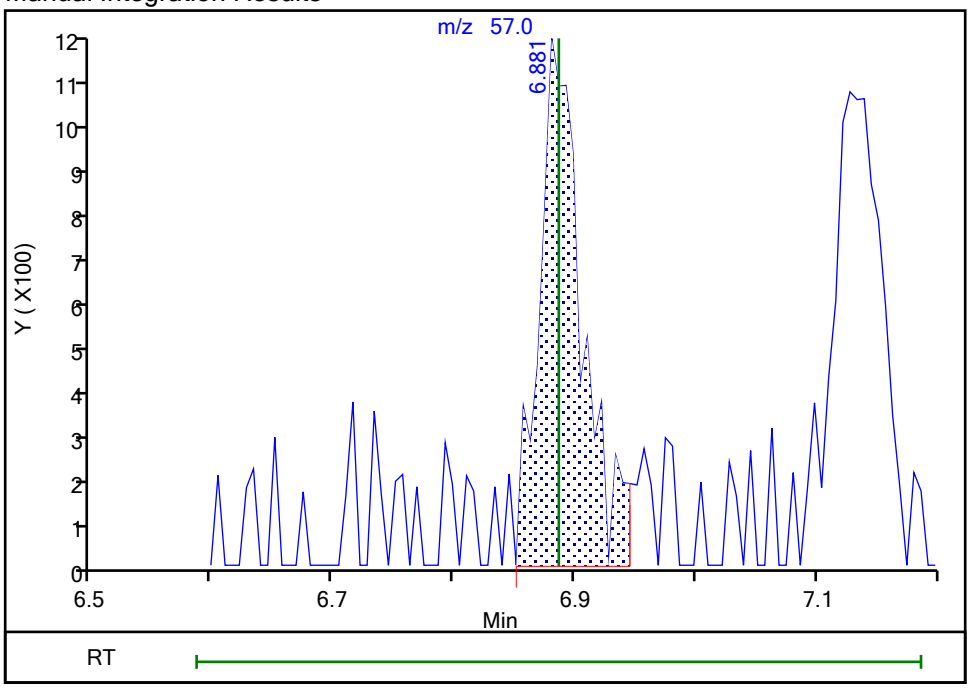
Not Detected
Expected RT: 6.89

Processing Integration Results



Manual Integration Results

RT: 6.88
Area: 2847
Amount: 23.789601
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

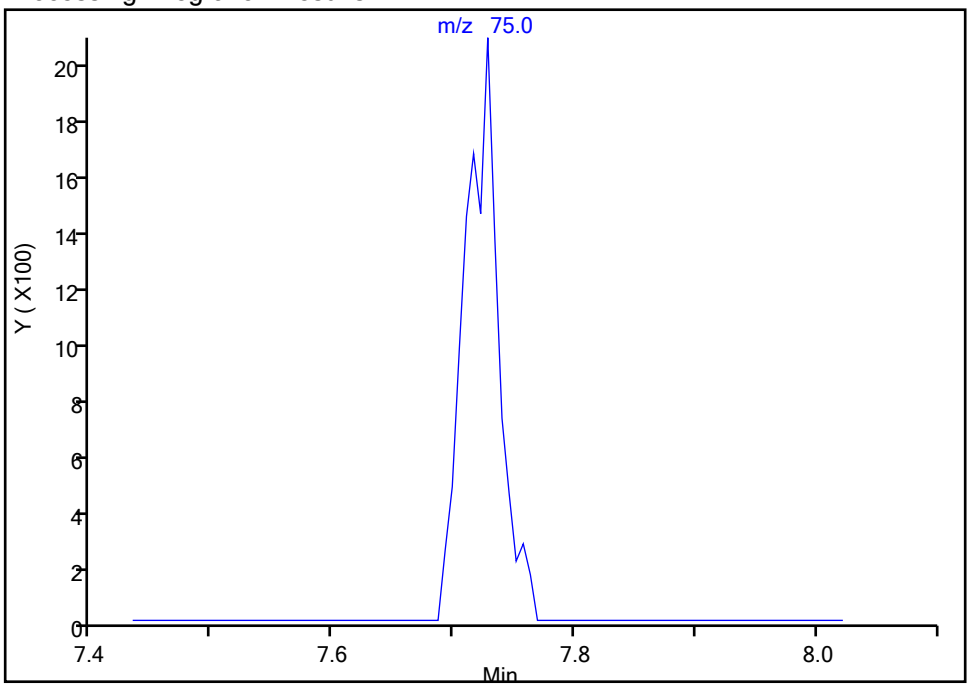
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

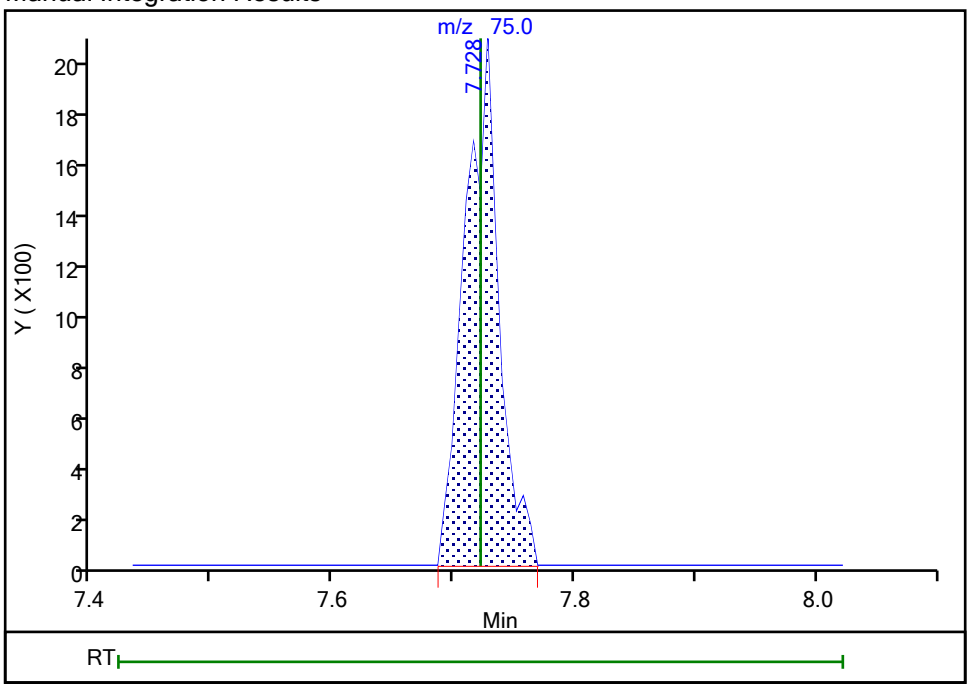
Not Detected
Expected RT: 7.72

Processing Integration Results



Manual Integration Results

RT: 7.73
Area: 4017
Amount: 1.032174
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

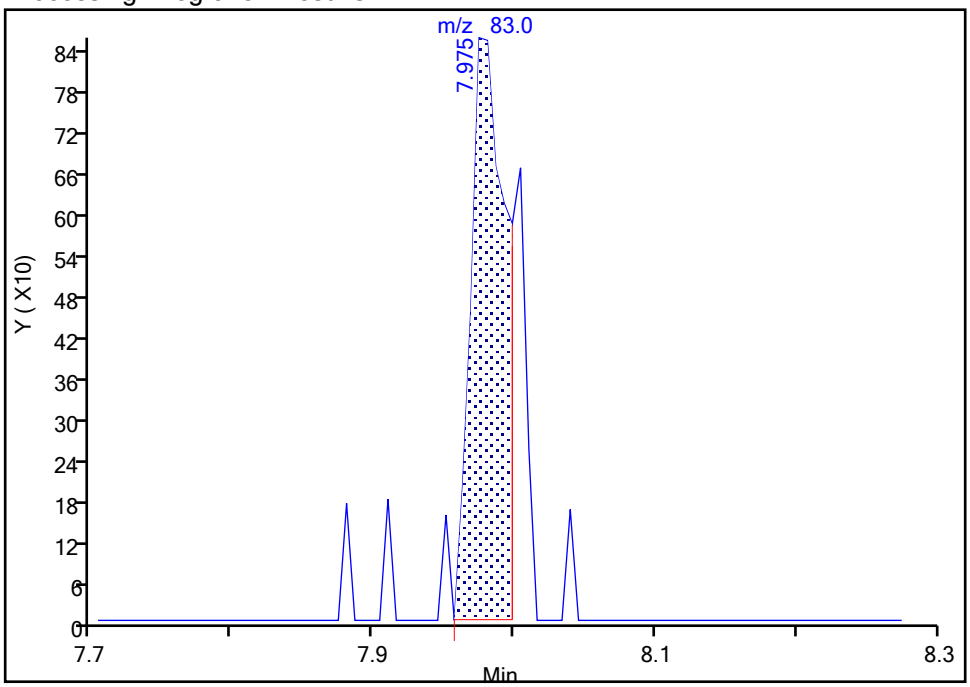
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

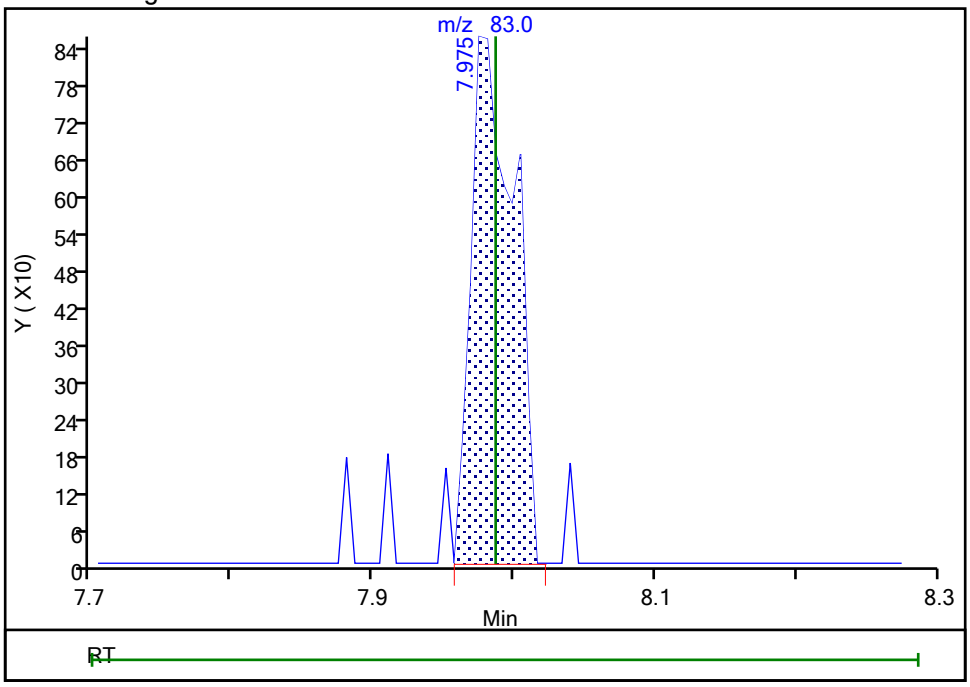
Processing Integration Results

RT: 7.97
Area: 1482
Amount: 0.852663
Amount Units: ug/l



Manual Integration Results

RT: 7.97
Area: 1804
Amount: 1.067333
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

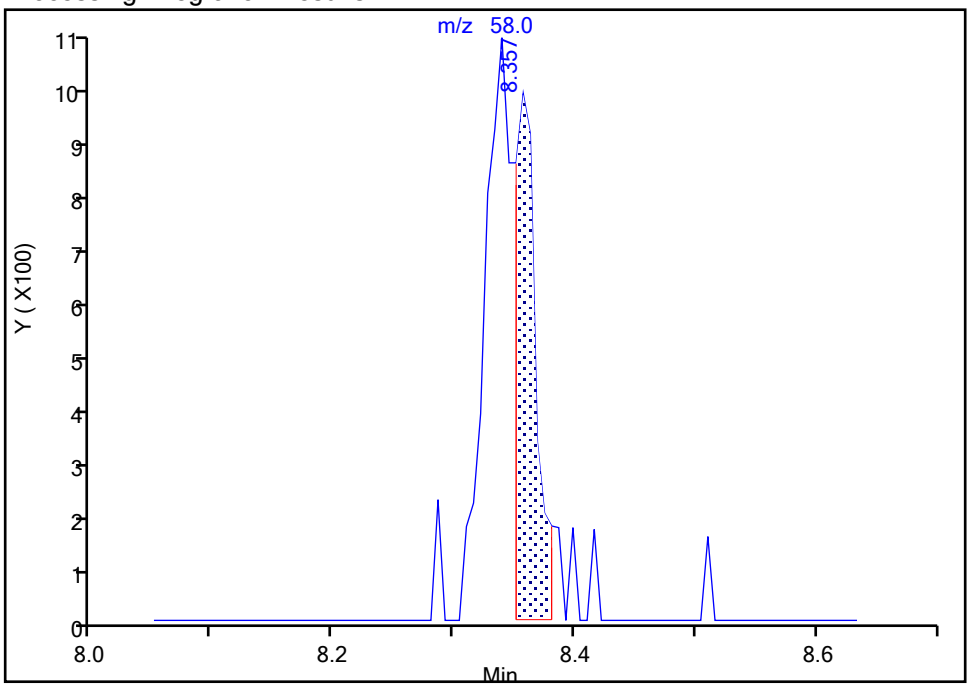
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

90 2-Hexanone, CAS: 591-78-6

Signal: 2

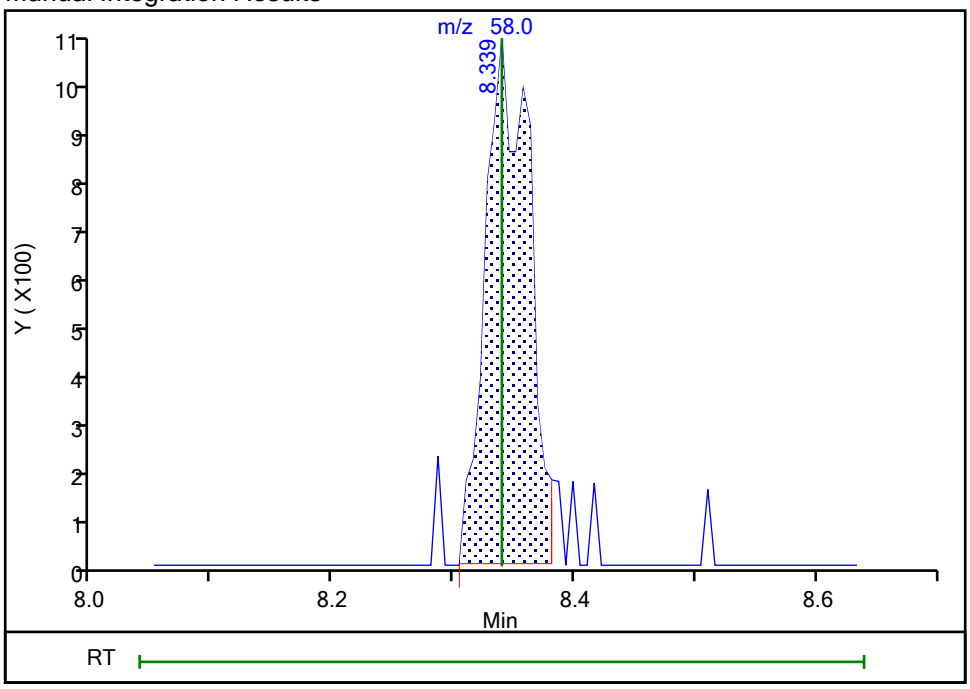
Processing Integration Results

RT: 8.36
Area: 1169
Amount: 1.968314
Amount Units: ug/l



Manual Integration Results

RT: 8.34
Area: 2661
Amount: 4.810883
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

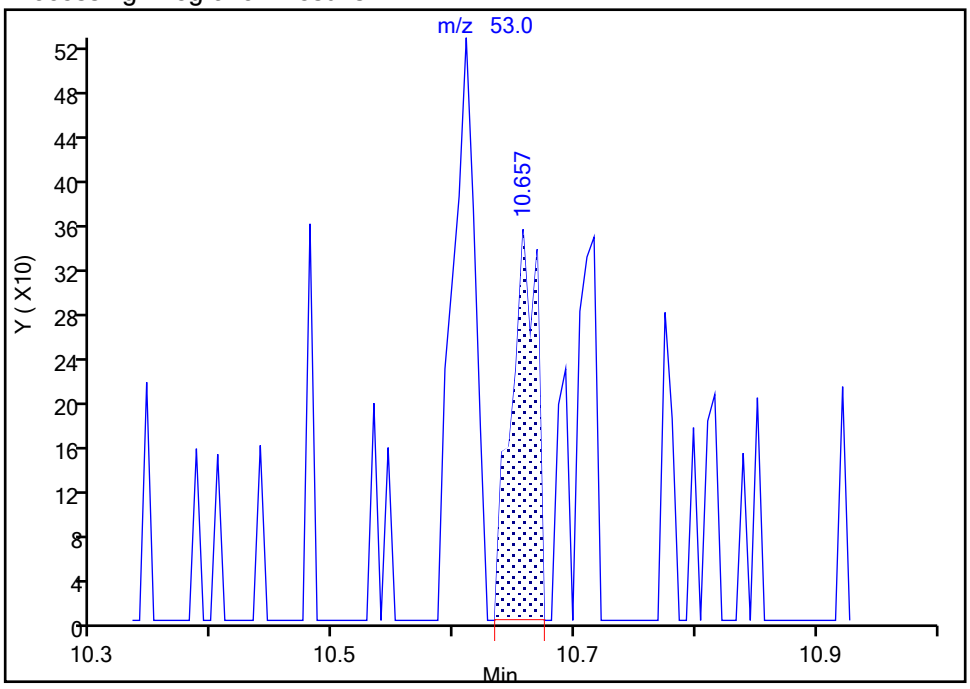
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

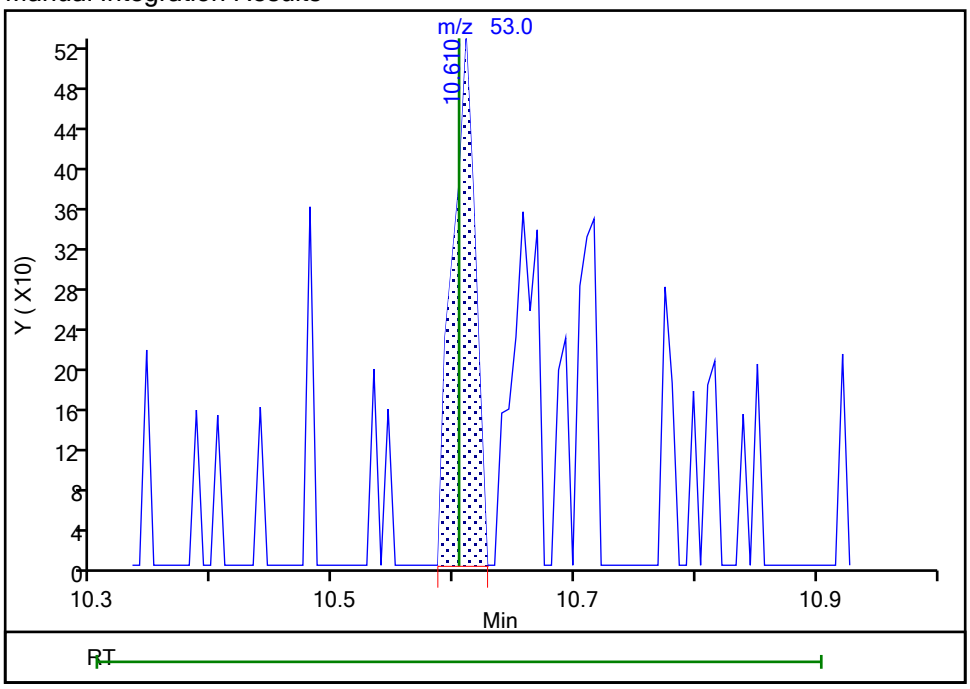
Processing Integration Results

RT: 10.66
Area: 522
Amount: 0.856648
Amount Units: ug/l



Manual Integration Results

RT: 10.61
Area: 701
Amount: 1.154461
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:37:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

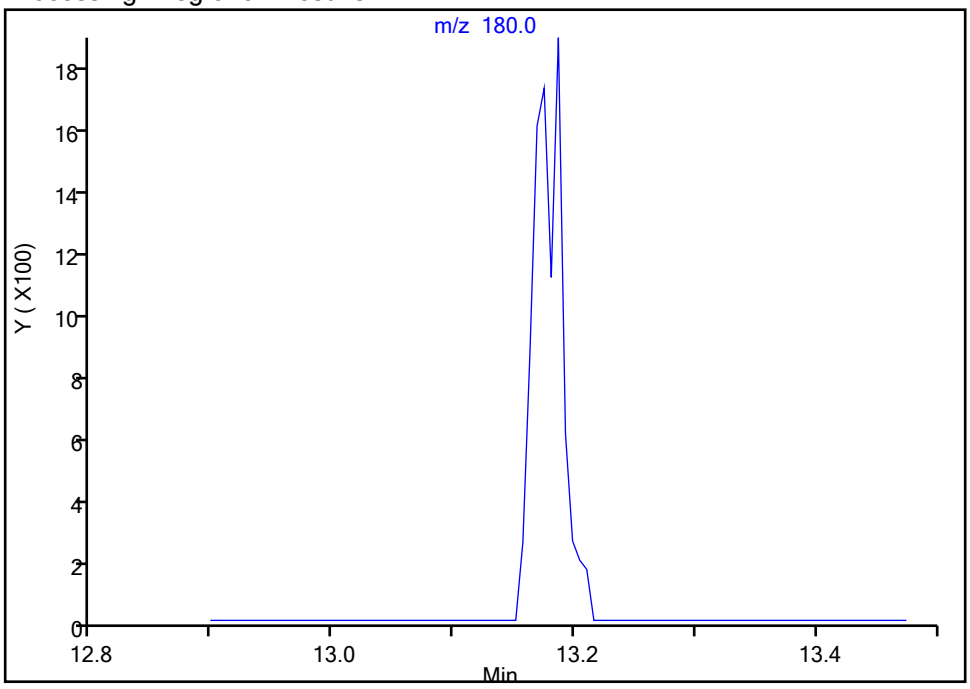
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

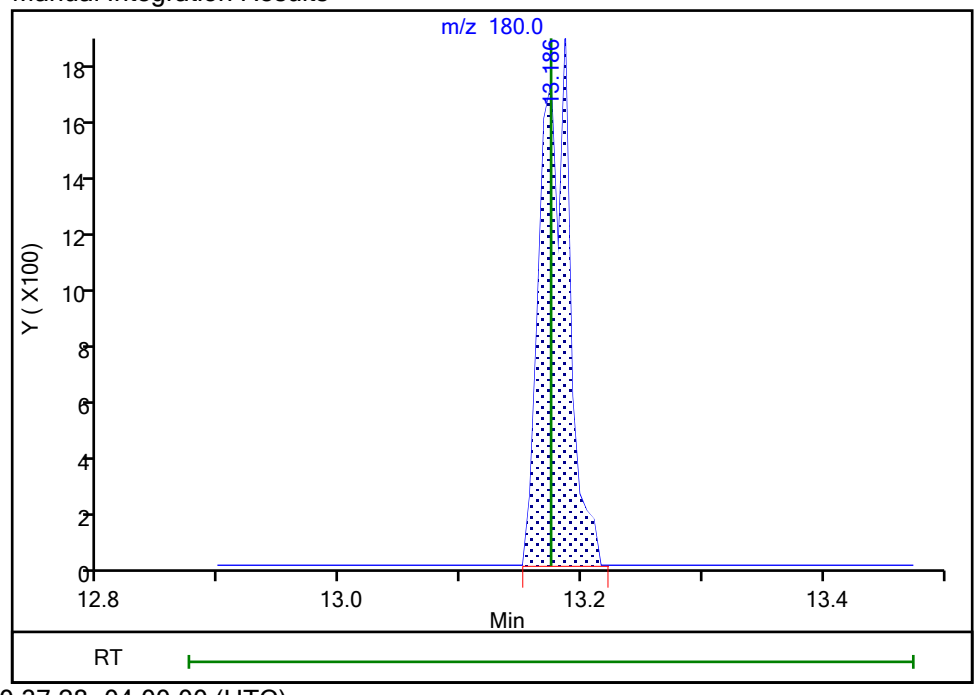
Not Detected
Expected RT: 13.17

Processing Integration Results



Manual Integration Results

RT: 13.19
Area: 3006
Amount: 2.028778
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:37:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

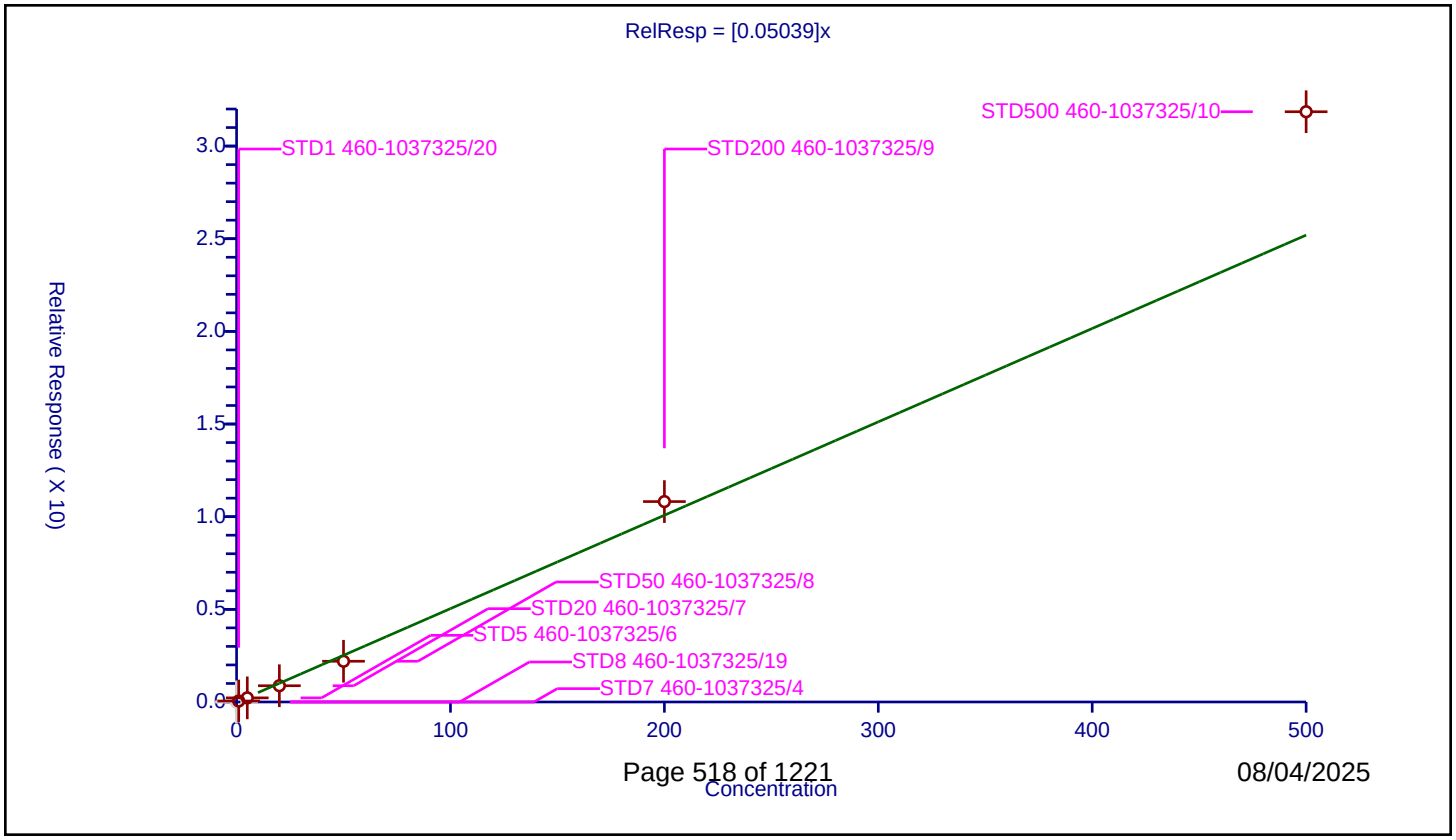
Curve Coefficients

Intercept:	0
Slope:	0.05039

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
3	STD1 460-1037325/20	1.0	0.052287	50.0	530729.0	0.052287	Y
4	STD5 460-1037325/6	5.0	0.222341	50.0	516323.0	0.044468	Y
5	STD20 460-1037325/7	20.0	0.876925	50.0	511503.0	0.043846	Y
6	STD50 460-1037325/8	50.0	2.197506	50.0	509282.0	0.04395	Y
7	STD200 460-1037325/9	200.0	10.815174	50.0	502322.0	0.054076	Y
8	STD500 460-1037325/10	500.0	31.852912	50.0	511476.0	0.063706	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

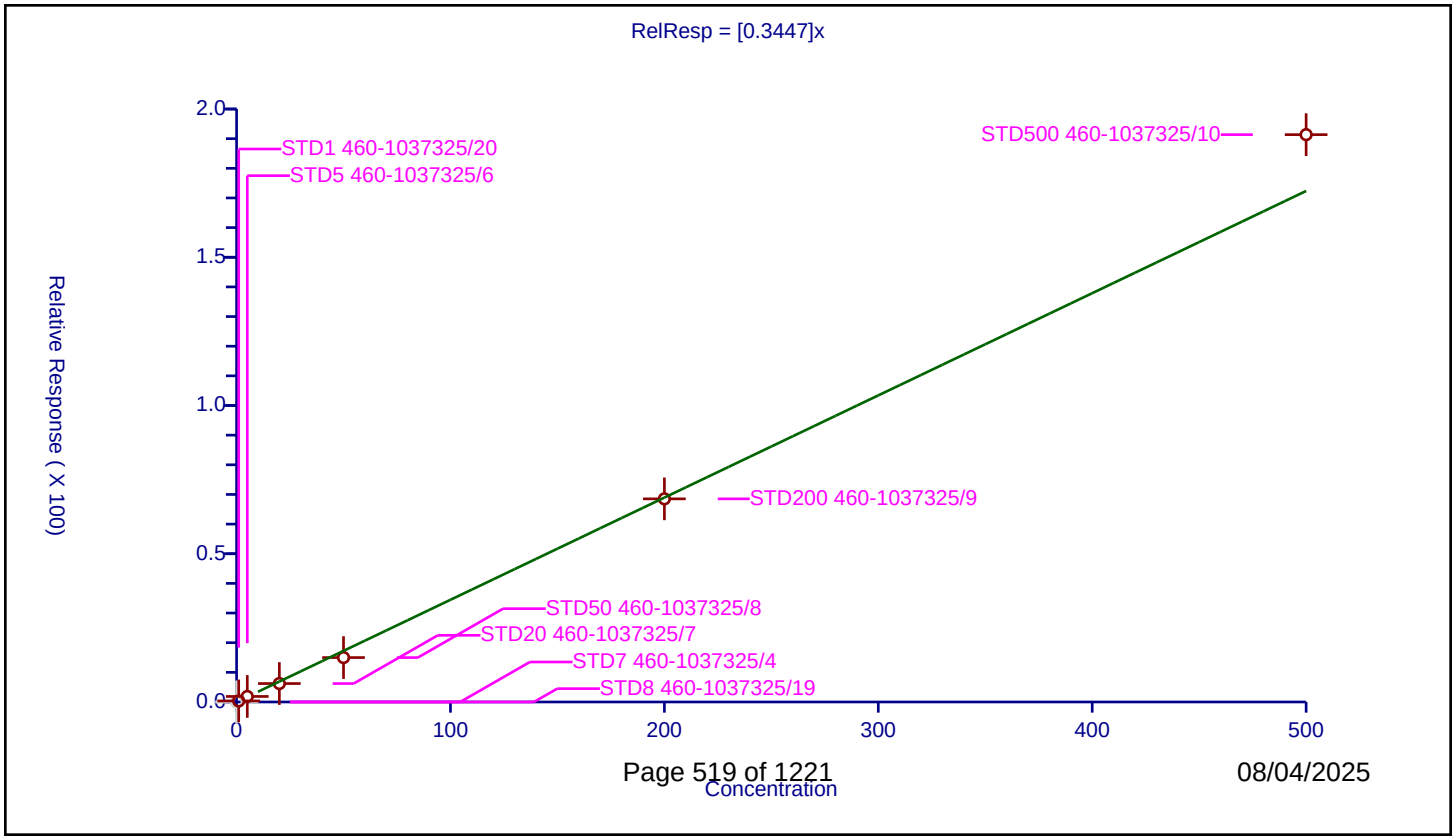
Curve Coefficients

Intercept:	0
Slope:	0.3447

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.358469	50.0	530729.0	0.358469	Y
4	STD5 460-1037325/6	5.0	1.869857	50.0	516323.0	0.373971	Y
5	STD20 460-1037325/7	20.0	6.216386	50.0	511503.0	0.310819	Y
6	STD50 460-1037325/8	50.0	14.982269	50.0	509282.0	0.299645	Y
7	STD200 460-1037325/9	200.0	68.51631	50.0	502322.0	0.342582	Y
8	STD500 460-1037325/10	500.0	191.353944	50.0	511476.0	0.382708	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

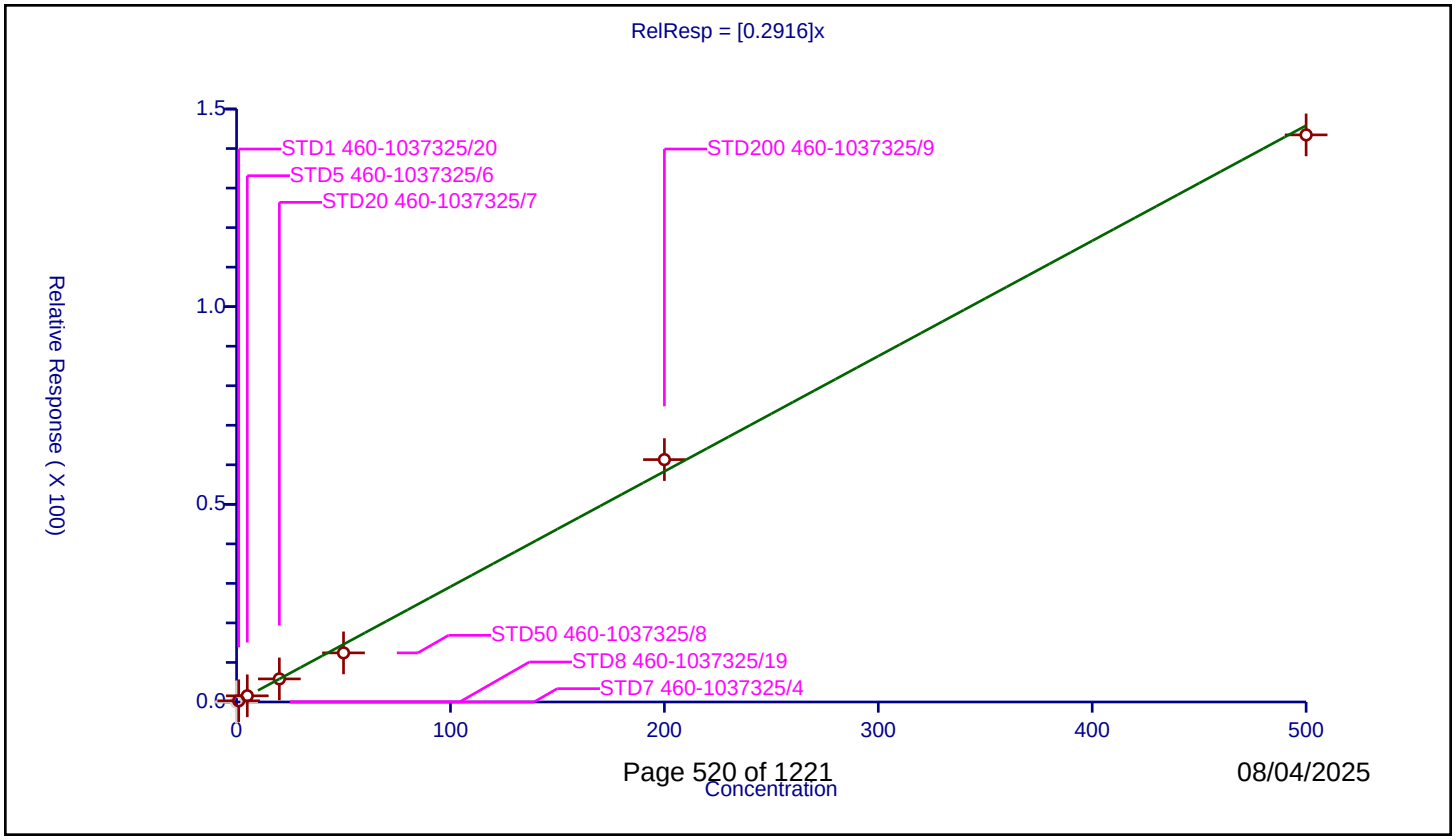
Curve Coefficients

Intercept:	0
Slope:	0.2916

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
3	STD1 460-1037325/20	1.0	0.303451	50.0	530729.0	0.303451	Y
4	STD5 460-1037325/6	5.0	1.563362	50.0	516323.0	0.312672	Y
5	STD20 460-1037325/7	20.0	5.835743	50.0	511503.0	0.291787	Y
6	STD50 460-1037325/8	50.0	12.425042	50.0	509282.0	0.248501	Y
7	STD200 460-1037325/9	200.0	61.312764	50.0	502322.0	0.306564	Y
8	STD500 460-1037325/10	500.0	143.456682	50.0	511476.0	0.286913	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

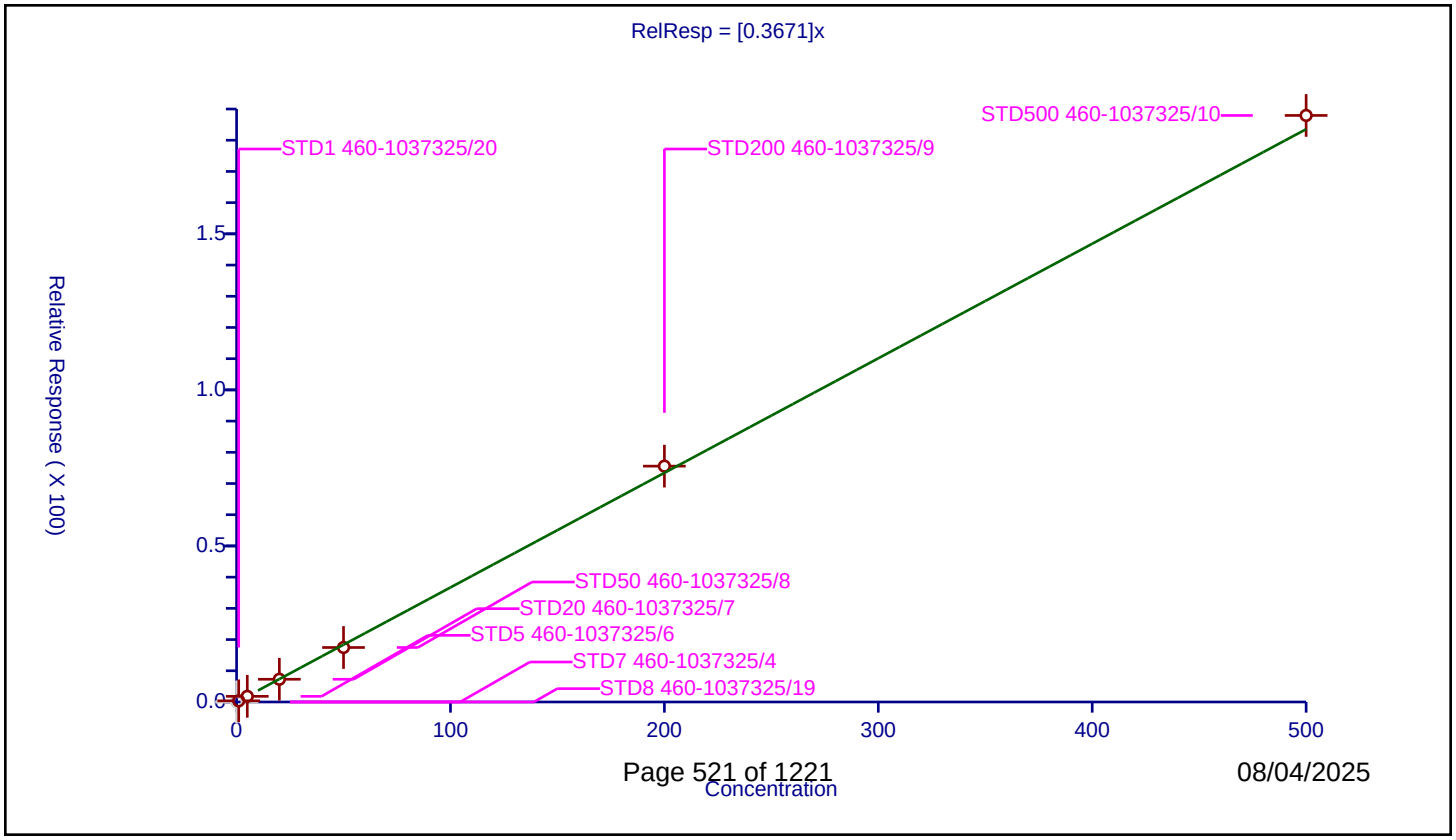
Curve Coefficients

Intercept:	0
Slope:	0.3671

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.371659	50.0	530729.0	0.371659	Y
4	STD5 460-1037325/6	5.0	1.817273	50.0	516323.0	0.363455	Y
5	STD20 460-1037325/7	20.0	7.286761	50.0	511503.0	0.364338	Y
6	STD50 460-1037325/8	50.0	17.461446	50.0	509282.0	0.349229	Y
7	STD200 460-1037325/9	200.0	75.57274	50.0	502322.0	0.377864	Y
8	STD500 460-1037325/10	500.0	187.939219	50.0	511476.0	0.375878	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

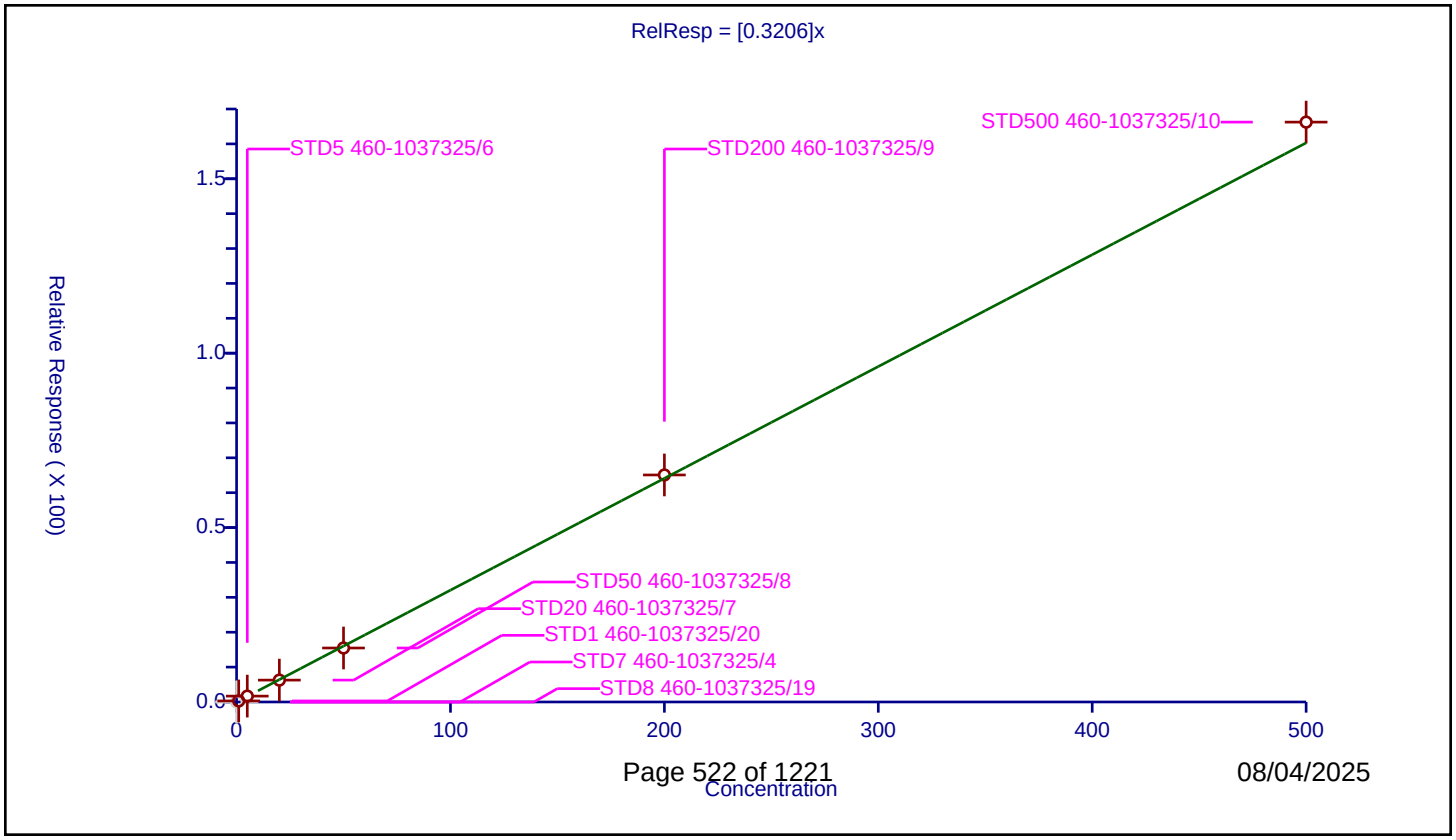
Curve Coefficients

Intercept:	0
Slope:	0.3206

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.304675	50.0	530729.0	0.304675	Y
4	STD5 460-1037325/6	5.0	1.687413	50.0	516323.0	0.337483	Y
5	STD20 460-1037325/7	20.0	6.276307	50.0	511503.0	0.313815	Y
6	STD50 460-1037325/8	50.0	15.47836	50.0	509282.0	0.309567	Y
7	STD200 460-1037325/9	200.0	65.084746	50.0	502322.0	0.325424	Y
8	STD500 460-1037325/10	500.0	166.242698	50.0	511476.0	0.332485	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

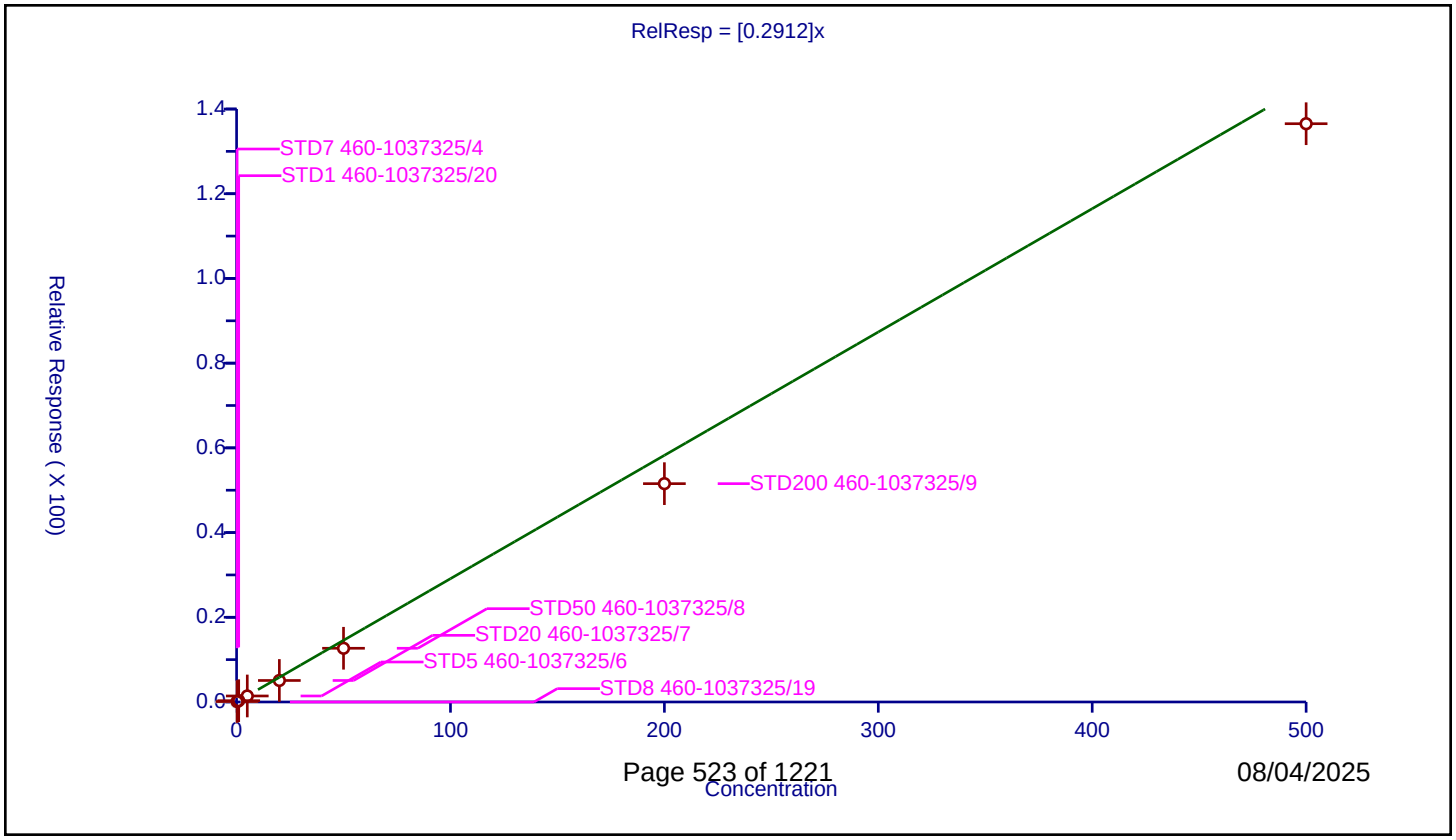
Curve Coefficients

Intercept:	0
Slope:	0.2912

Error Coefficients

Relative Standard Deviation:	18.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.101916	50.0	517583.0	0.407664	Y
3	STD1 460-1037325/20	1.0	0.308444	50.0	530729.0	0.308444	Y
4	STD5 460-1037325/6	5.0	1.418879	50.0	516323.0	0.283776	Y
5	STD20 460-1037325/7	20.0	5.077683	50.0	511503.0	0.253884	Y
6	STD50 460-1037325/8	50.0	12.681383	50.0	509282.0	0.253628	Y
7	STD200 460-1037325/9	200.0	51.549703	50.0	502322.0	0.257749	Y
8	STD500 460-1037325/10	500.0	136.527911	50.0	511476.0	0.273056	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

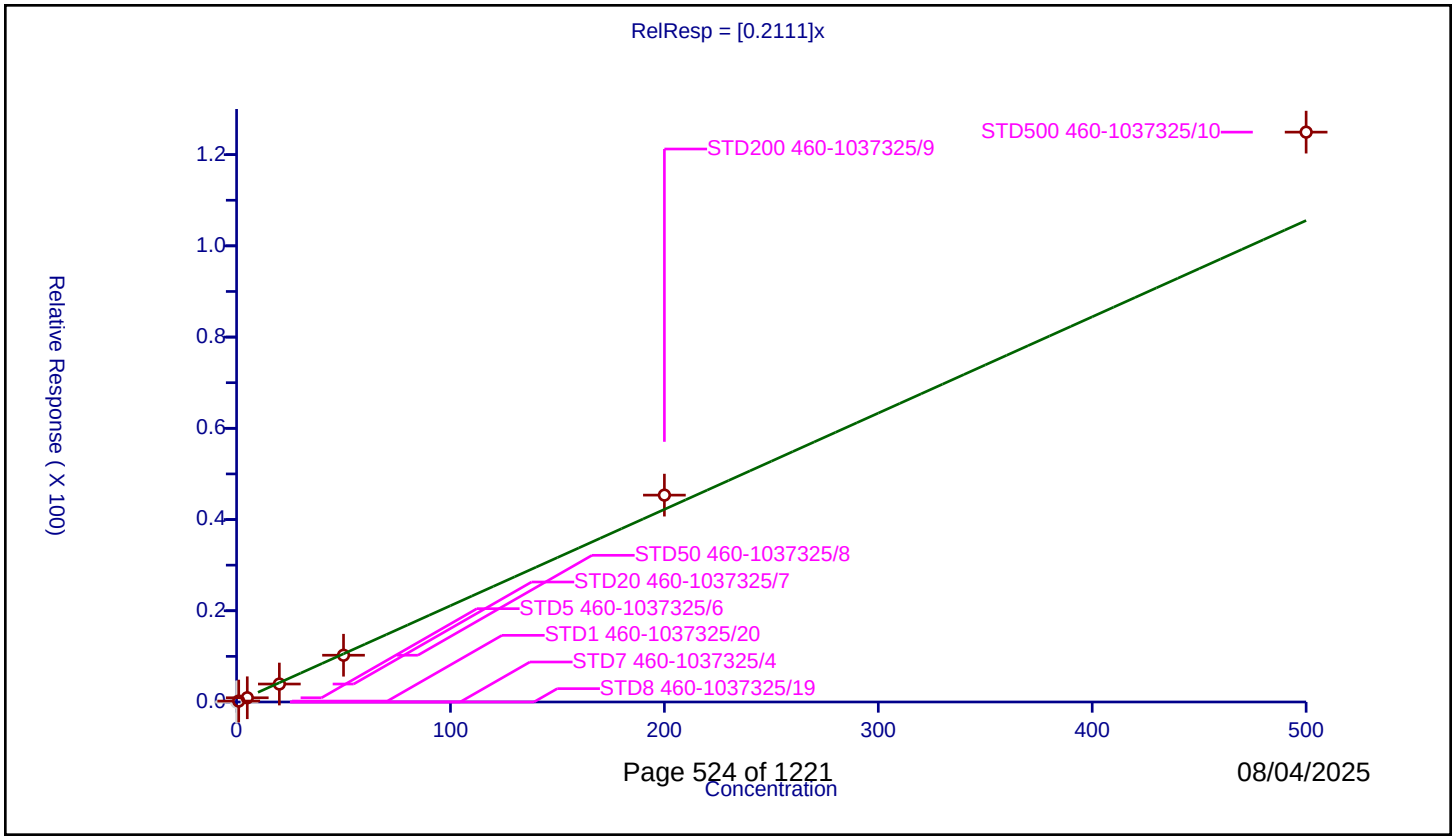
Curve Coefficients

Intercept:	0
Slope:	0.2111

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.202269	50.0	530729.0	0.202269	Y
4	STD5 460-1037325/6	5.0	0.92936	50.0	516323.0	0.185872	Y
5	STD20 460-1037325/7	20.0	3.937611	50.0	511503.0	0.196881	Y
6	STD50 460-1037325/8	50.0	10.252571	50.0	509282.0	0.205051	Y
7	STD200 460-1037325/9	200.0	45.354772	50.0	502322.0	0.226774	Y
8	STD500 460-1037325/10	500.0	124.932255	50.0	511476.0	0.249865	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

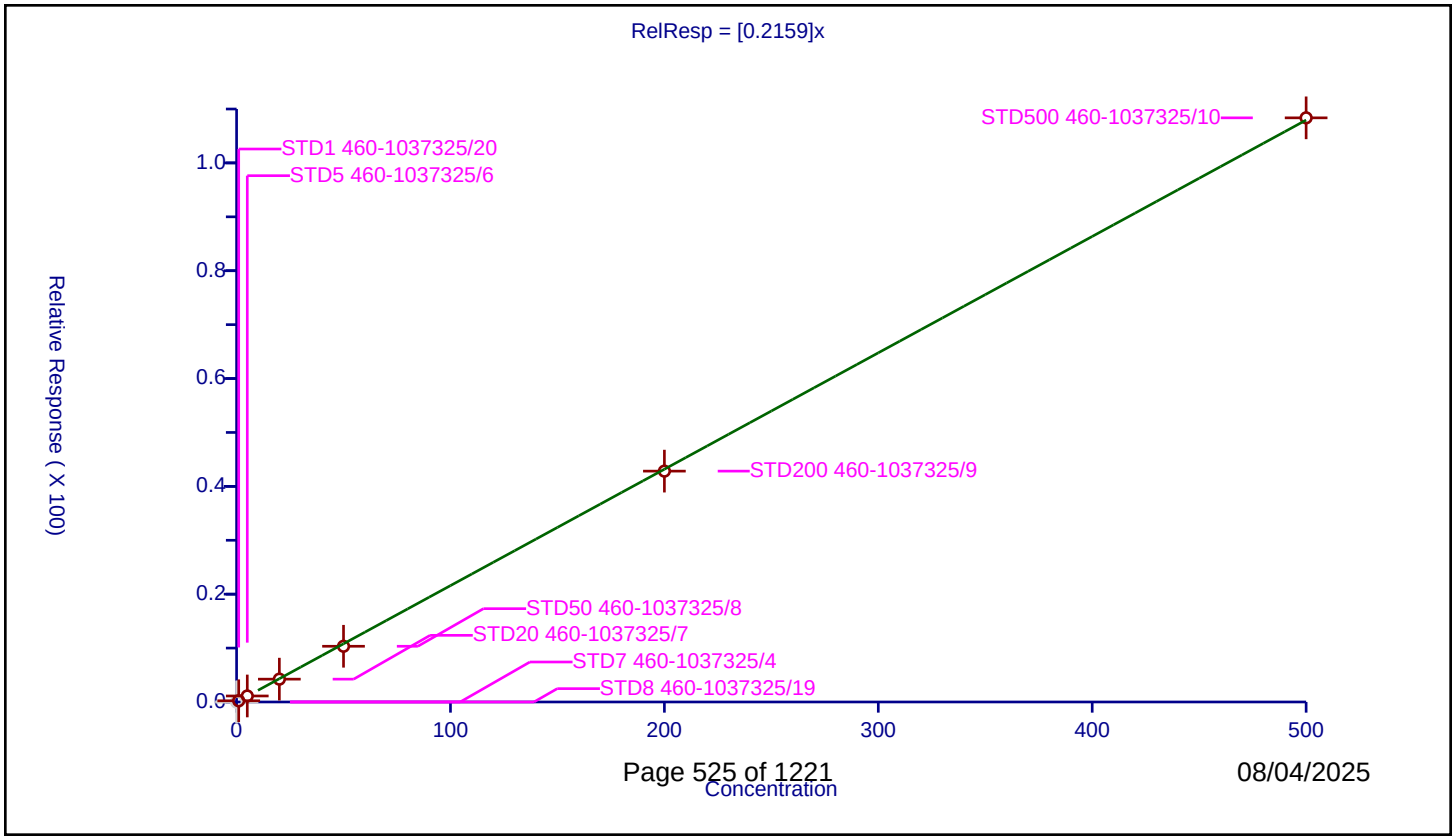
Curve Coefficients

Intercept:	0
Slope:	0.2159

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.222995	50.0	530729.0	0.222995	Y
4	STD5 460-1037325/6	5.0	1.11529	50.0	516323.0	0.223058	Y
5	STD20 460-1037325/7	20.0	4.235948	50.0	511503.0	0.211797	Y
6	STD50 460-1037325/8	50.0	10.335531	50.0	509282.0	0.206711	Y
7	STD200 460-1037325/9	200.0	42.825717	50.0	502322.0	0.214129	Y
8	STD500 460-1037325/10	500.0	108.362074	50.0	511476.0	0.216724	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

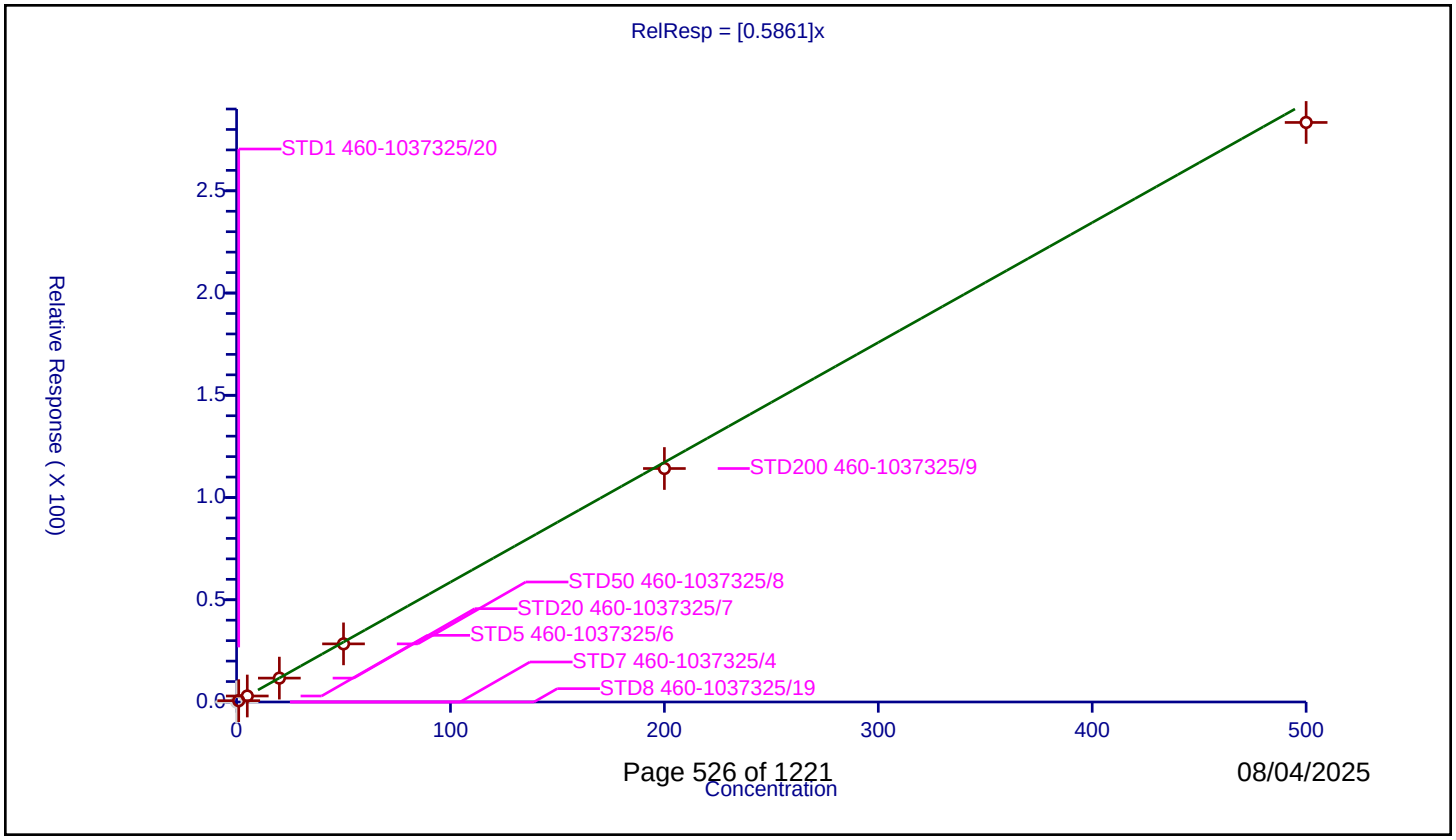
Curve Coefficients

Intercept:	0
Slope:	0.5861

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.642041	50.0	530729.0	0.642041	Y
4	STD5 460-1037325/6	5.0	2.921911	50.0	516323.0	0.584382	Y
5	STD20 460-1037325/7	20.0	11.677742	50.0	511503.0	0.583887	Y
6	STD50 460-1037325/8	50.0	28.423938	50.0	509282.0	0.568479	Y
7	STD200 460-1037325/9	200.0	114.184029	50.0	502322.0	0.57092	Y
8	STD500 460-1037325/10	500.0	283.429623	50.0	511476.0	0.566859	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

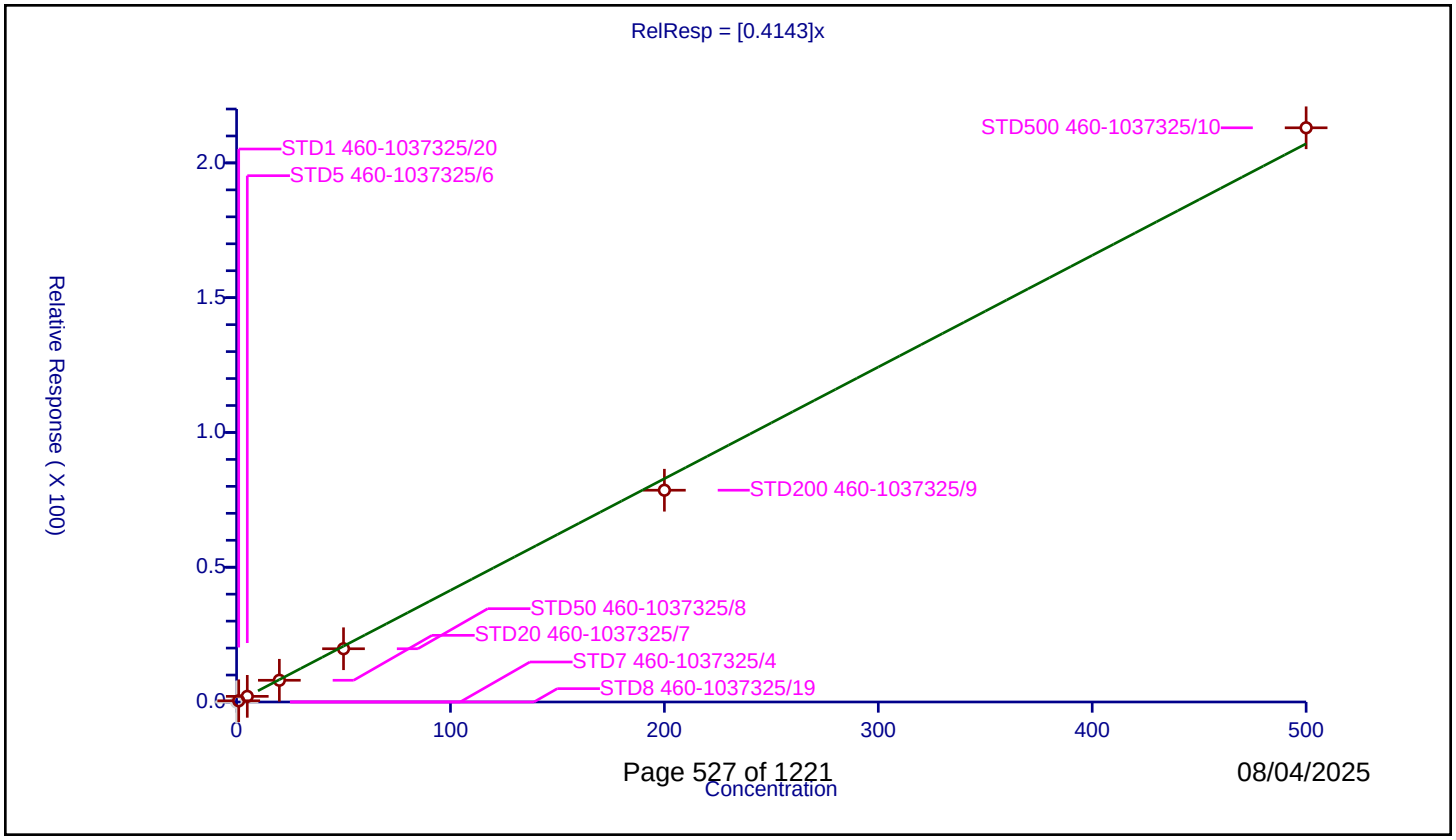
Curve Coefficients

Intercept:	0
Slope:	0.4143

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.449947	50.0	530729.0	0.449947	Y
4	STD5 460-1037325/6	5.0	2.092004	50.0	516323.0	0.418401	Y
5	STD20 460-1037325/7	20.0	8.062416	50.0	511503.0	0.403121	Y
6	STD50 460-1037325/8	50.0	19.75654	50.0	509282.0	0.395131	Y
7	STD200 460-1037325/9	200.0	78.566836	50.0	502322.0	0.392834	Y
8	STD500 460-1037325/10	500.0	213.035509	50.0	511476.0	0.426071	Y



Calibration / Pentane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

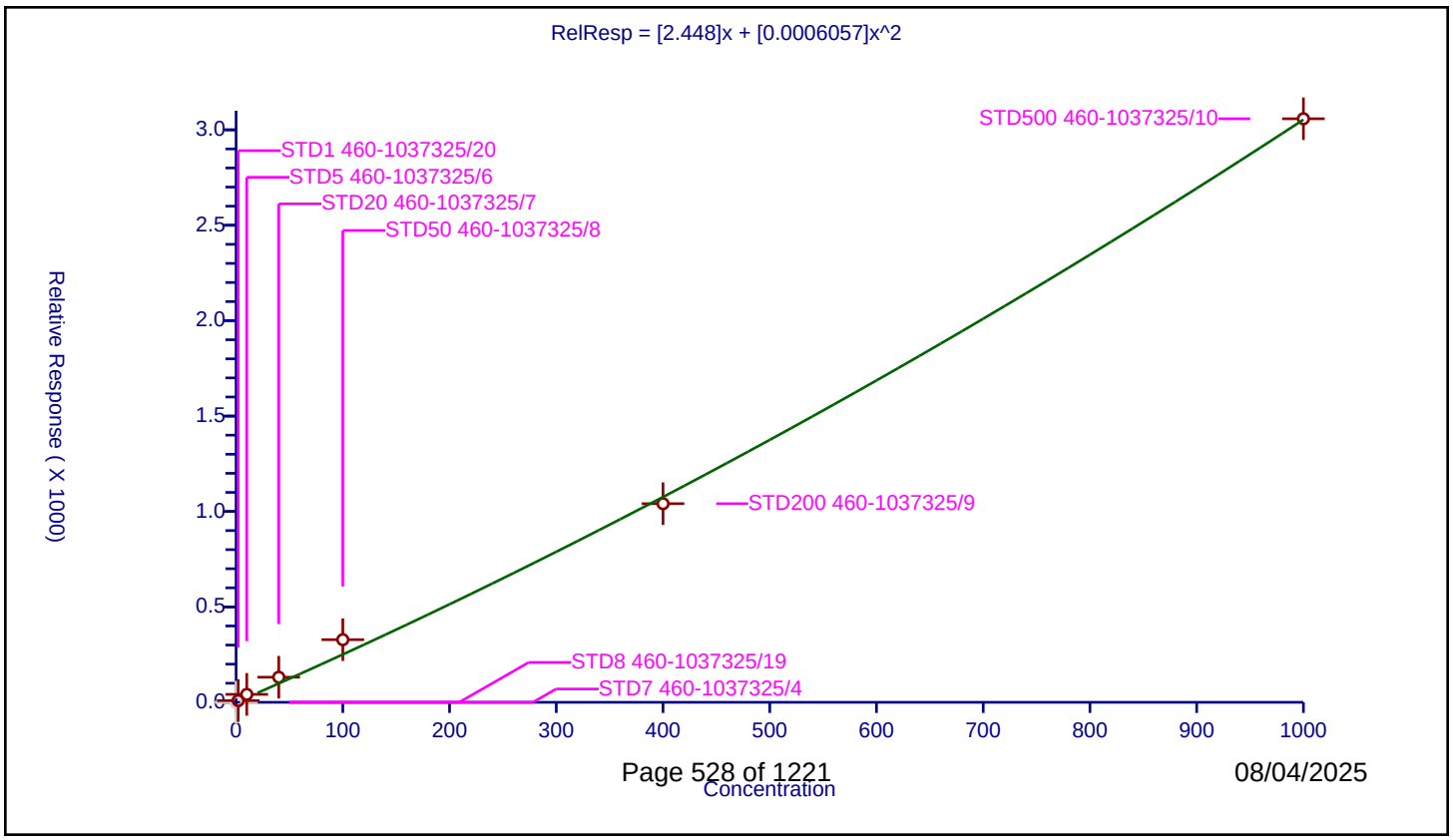
Curve Coefficients

Intercept:	0
Slope:	2.448
Second Order:	0.0006057

Error Coefficients

Relative Standard Deviation:	58.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	2.0	8.954377	1000.0	130439.0	4.477189	Y
4	STD5 460-1037325/6	10.0	41.578151	1000.0	117682.0	4.157815	Y
5	STD20 460-1037325/7	40.0	131.595895	1000.0	119563.0	3.289897	Y
6	STD50 460-1037325/8	100.0	328.237713	1000.0	118664.0	3.282377	Y
7	STD200 460-1037325/9	400.0	1040.955274	1000.0	114564.0	2.602388	Y
8	STD500 460-1037325/10	1000.0	3058.102399	1000.0	120236.0	3.058102	Y



08/04/2025

Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

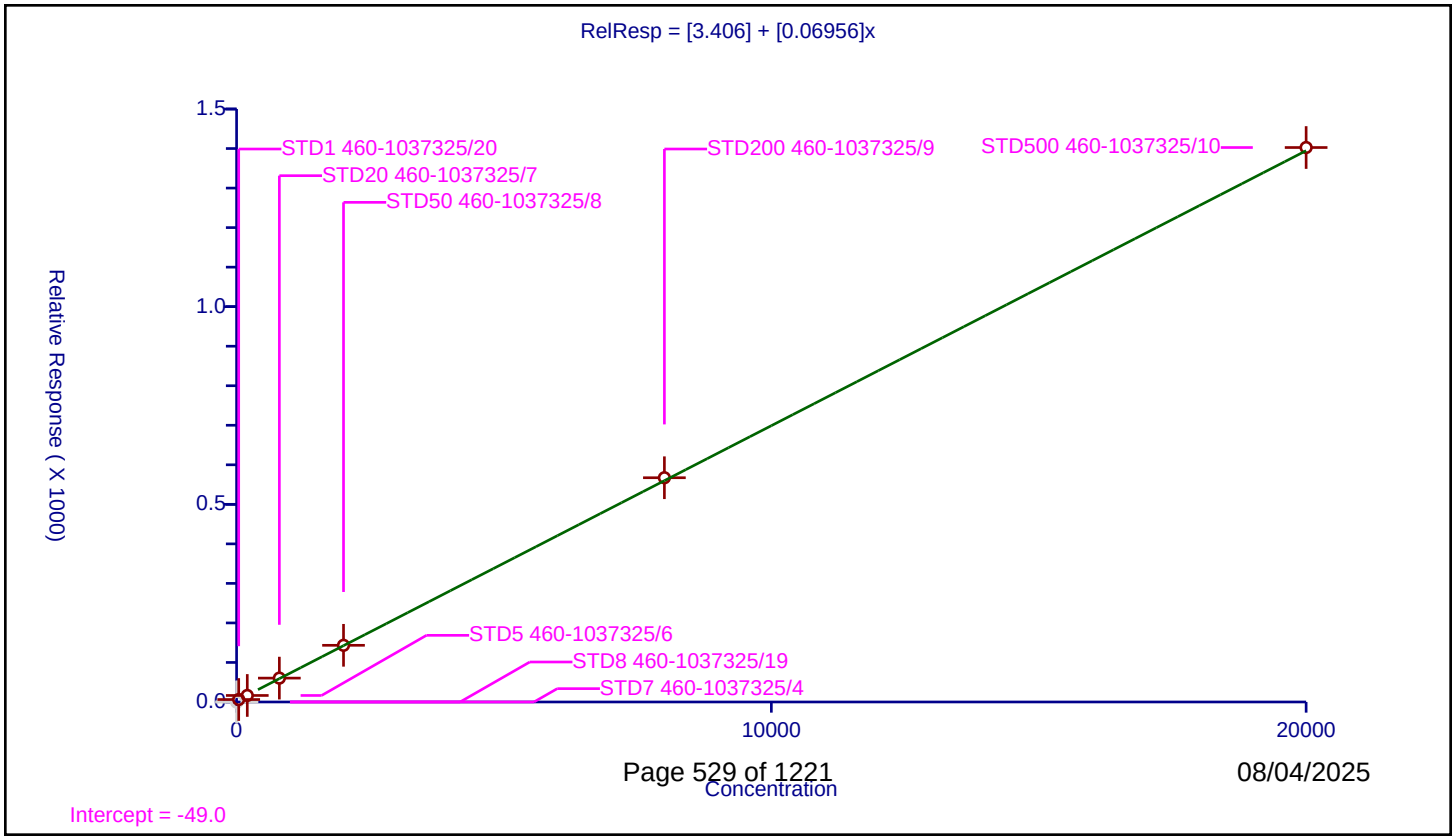
Curve Coefficients

Intercept:	3.406
Slope:	0.06956

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	8.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	40.0	6.217466	1000.0	130439.0	0.155437	Y
4	STD5 460-1037325/6	200.0	16.485104	1000.0	117682.0	0.082426	Y
5	STD20 460-1037325/7	800.0	60.403302	1000.0	119563.0	0.075504	Y
6	STD50 460-1037325/8	2000.0	143.345918	1000.0	118664.0	0.071673	Y
7	STD200 460-1037325/9	8000.0	567.254984	1000.0	114564.0	0.070907	Y
8	STD500 460-1037325/10	20000.0	1402.583253	1000.0	120236.0	0.070129	Y



Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

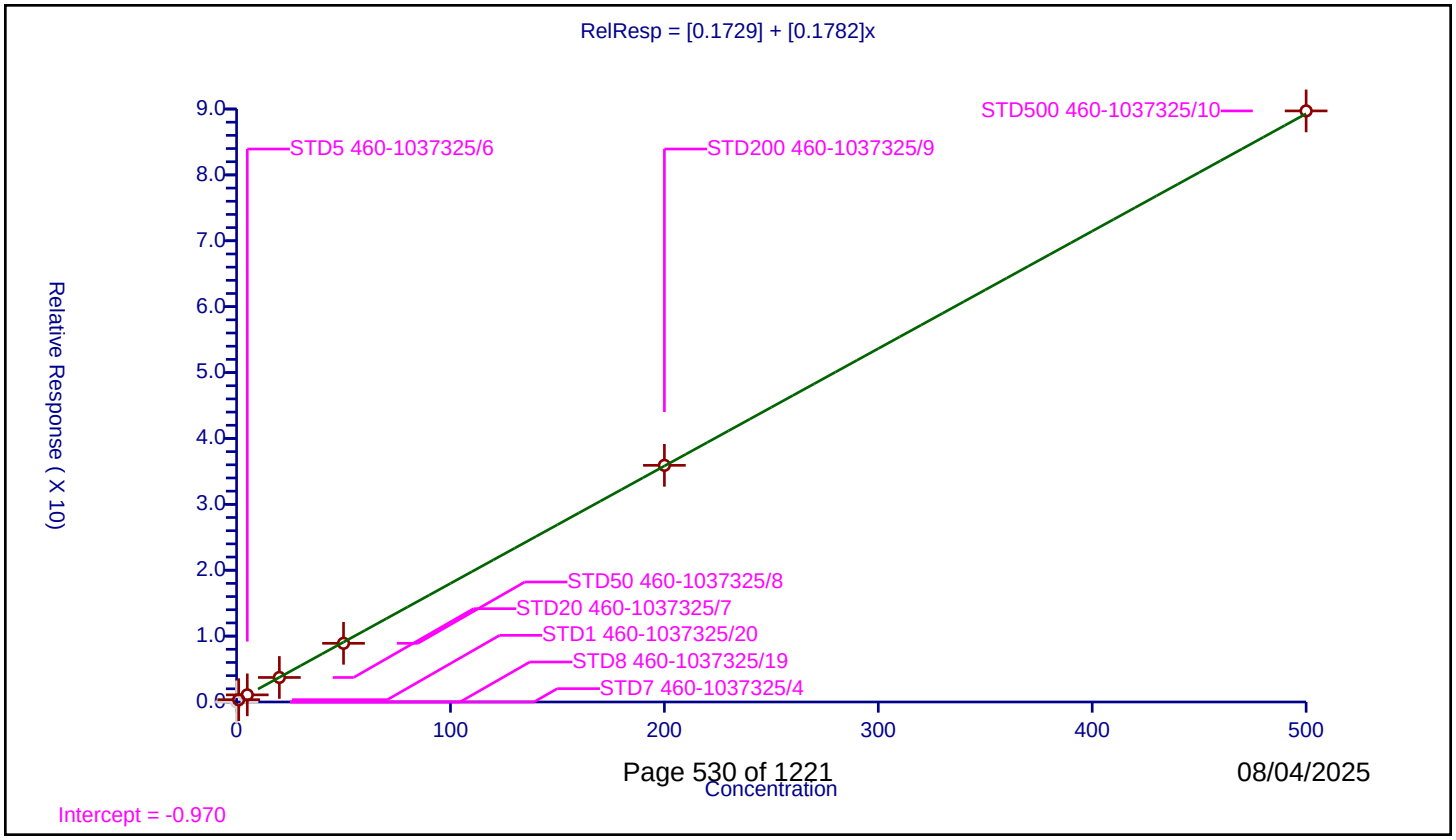
Curve Coefficients

Intercept:	0.1729
Slope:	0.1782

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.350556	50.0	530729.0	0.350556	Y
4	STD5 460-1037325/6	5.0	1.081881	50.0	516323.0	0.216376	Y
5	STD20 460-1037325/7	20.0	3.722363	50.0	511503.0	0.186118	Y
6	STD50 460-1037325/8	50.0	8.904988	50.0	509282.0	0.1781	Y
7	STD200 460-1037325/9	200.0	35.920585	50.0	502322.0	0.179603	Y
8	STD500 460-1037325/10	500.0	89.71115	50.0	511476.0	0.179422	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

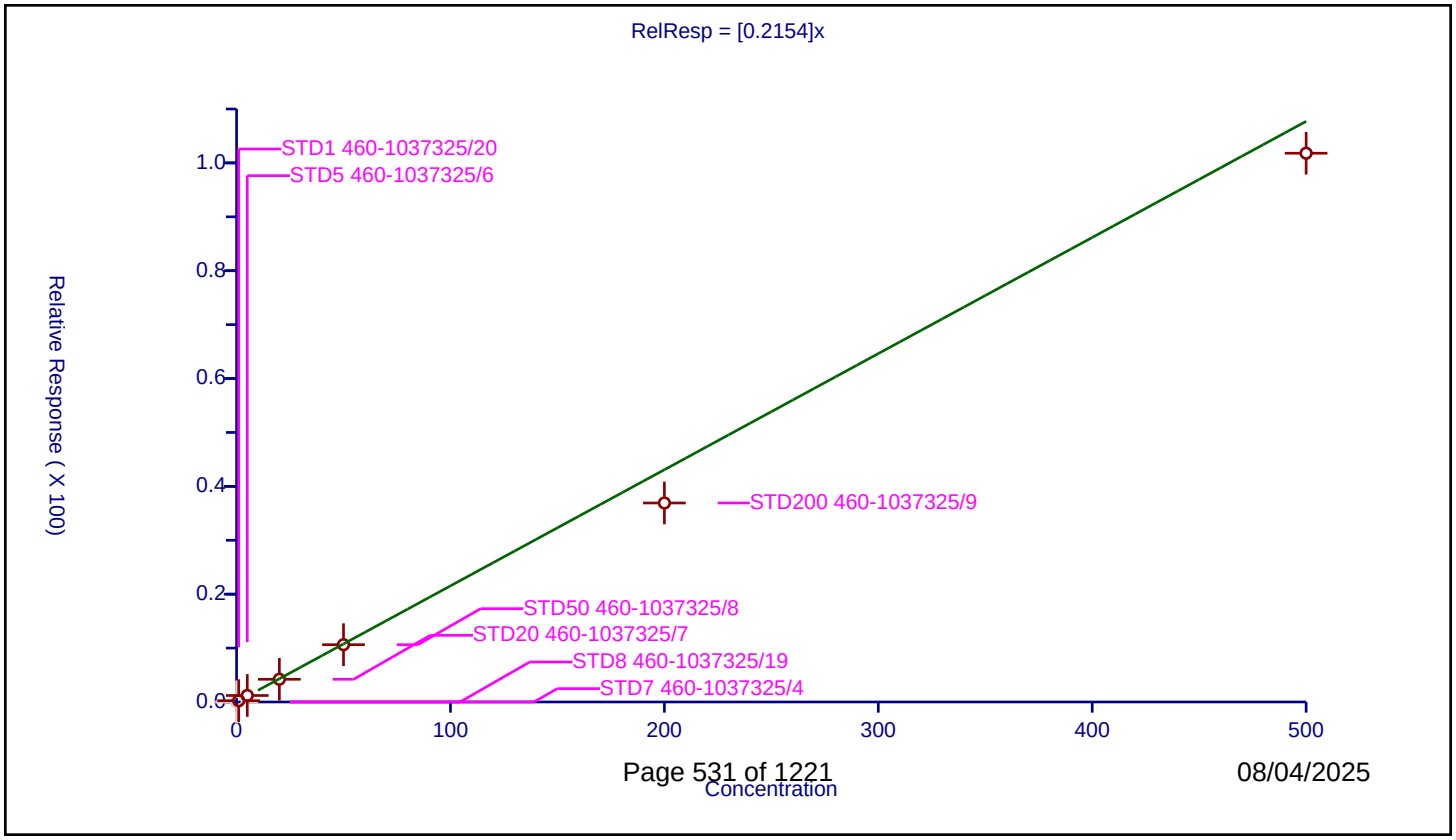
Curve Coefficients

Intercept:	0
Slope:	0.2154

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.23967	50.0	530729.0	0.23967	Y
4	STD5 460-1037325/6	5.0	1.2069	50.0	516323.0	0.24138	Y
5	STD20 460-1037325/7	20.0	4.213856	50.0	511503.0	0.210693	Y
6	STD50 460-1037325/8	50.0	10.630653	50.0	509282.0	0.212613	Y
7	STD200 460-1037325/9	200.0	36.914668	50.0	502322.0	0.184573	Y
8	STD500 460-1037325/10	500.0	101.799693	50.0	511476.0	0.203599	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

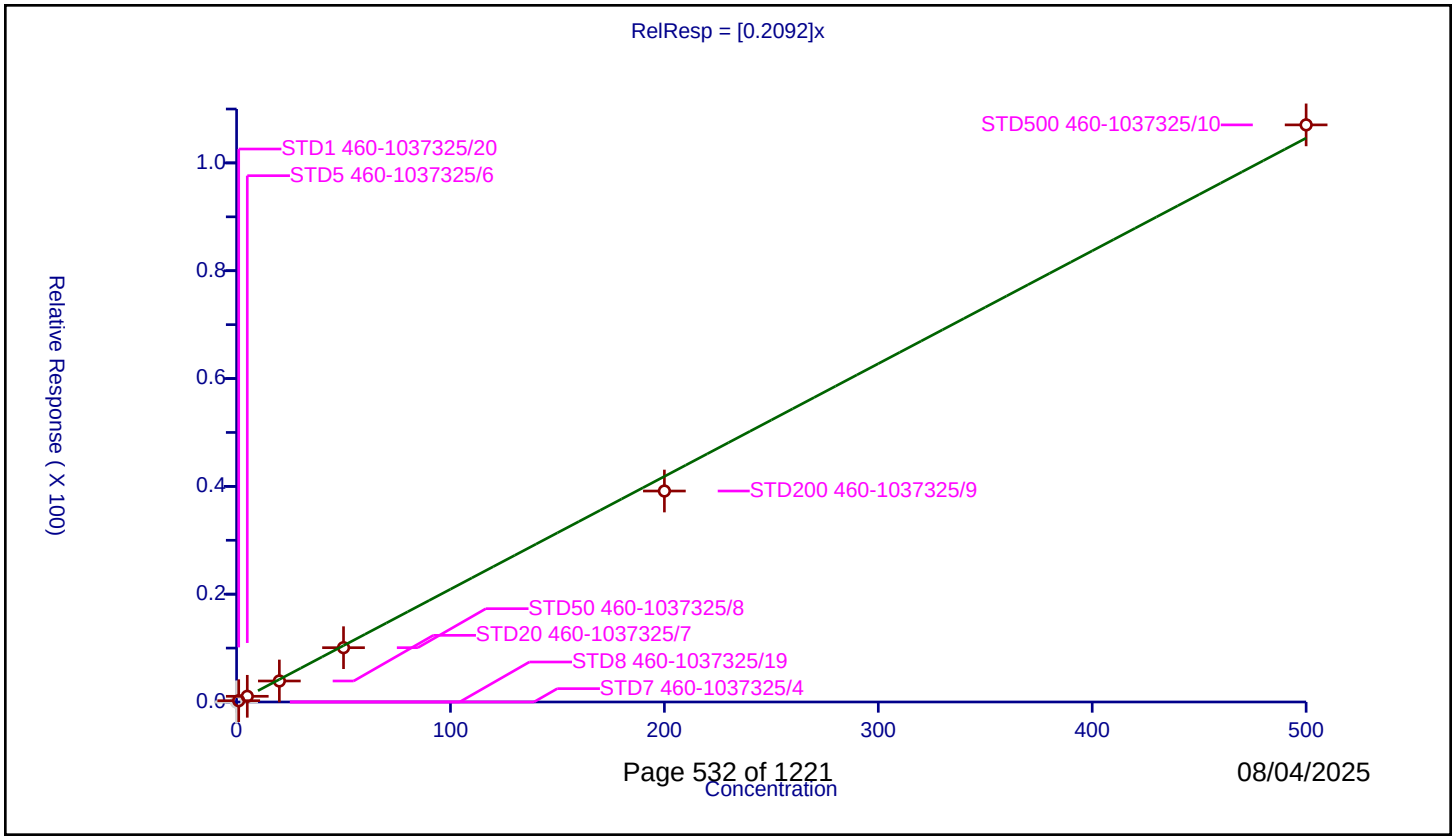
Curve Coefficients

Intercept:	0
Slope:	0.2092

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
3	STD1 460-1037325/20	1.0	0.237504	50.0	530729.0	0.237504	Y
4	STD5 460-1037325/6	5.0	1.057962	50.0	516323.0	0.211592	Y
5	STD20 460-1037325/7	20.0	3.897631	50.0	511503.0	0.194882	Y
6	STD50 460-1037325/8	50.0	10.076539	50.0	509282.0	0.201531	Y
7	STD200 460-1037325/9	200.0	39.136052	50.0	502322.0	0.19568	Y
8	STD500 460-1037325/10	500.0	107.058102	50.0	511476.0	0.214116	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

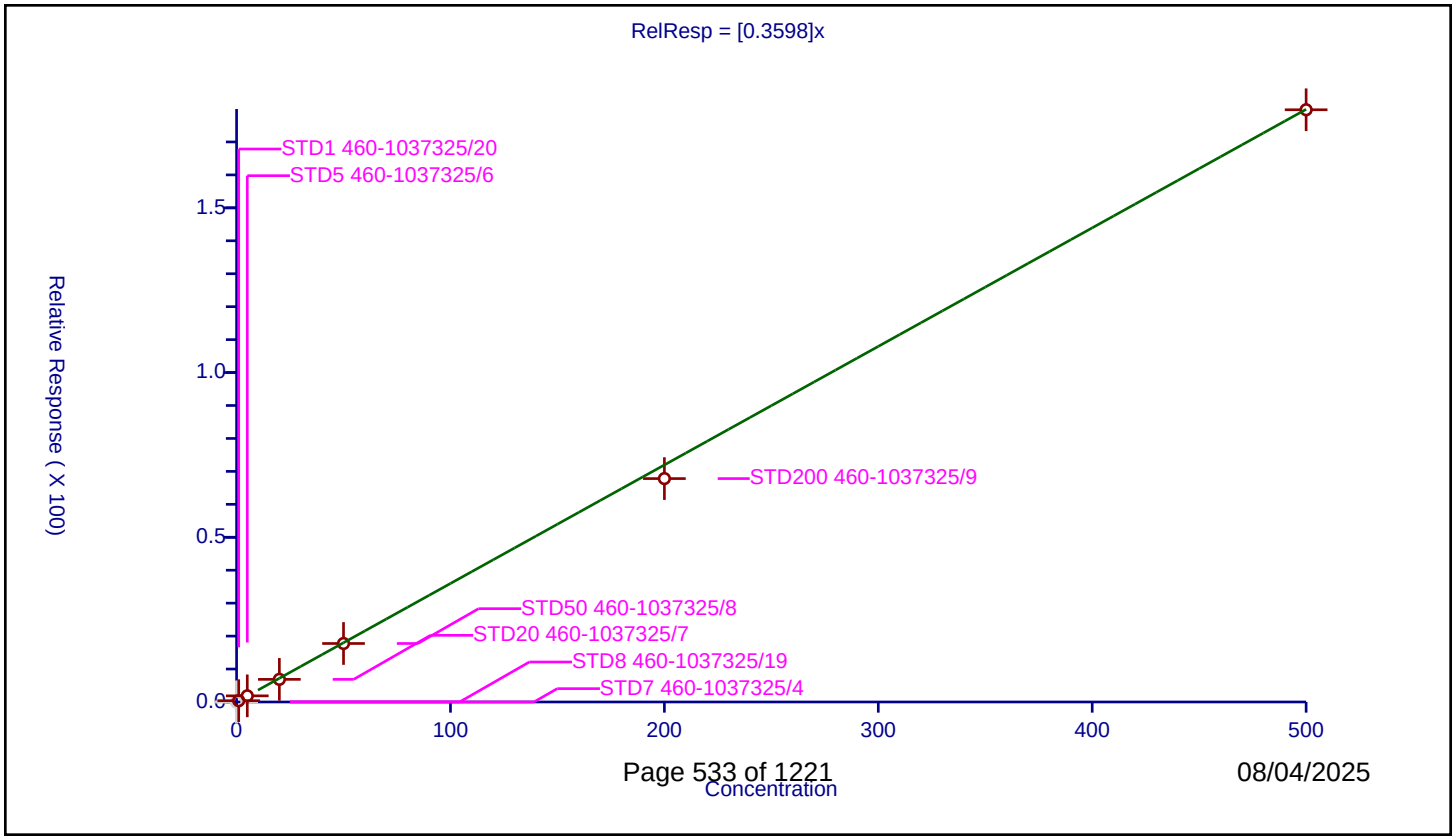
Curve Coefficients

Intercept:	0
Slope:	0.3598

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
3	STD1 460-1037325/20	1.0	0.388616	50.0	530729.0	0.388616	Y
4	STD5 460-1037325/6	5.0	1.865596	50.0	516323.0	0.373119	Y
5	STD20 460-1037325/7	20.0	6.866529	50.0	511503.0	0.343326	Y
6	STD50 460-1037325/8	50.0	17.758727	50.0	509282.0	0.355175	Y
7	STD200 460-1037325/9	200.0	67.81437	50.0	502322.0	0.339072	Y
8	STD500 460-1037325/10	500.0	179.771192	50.0	511476.0	0.359542	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

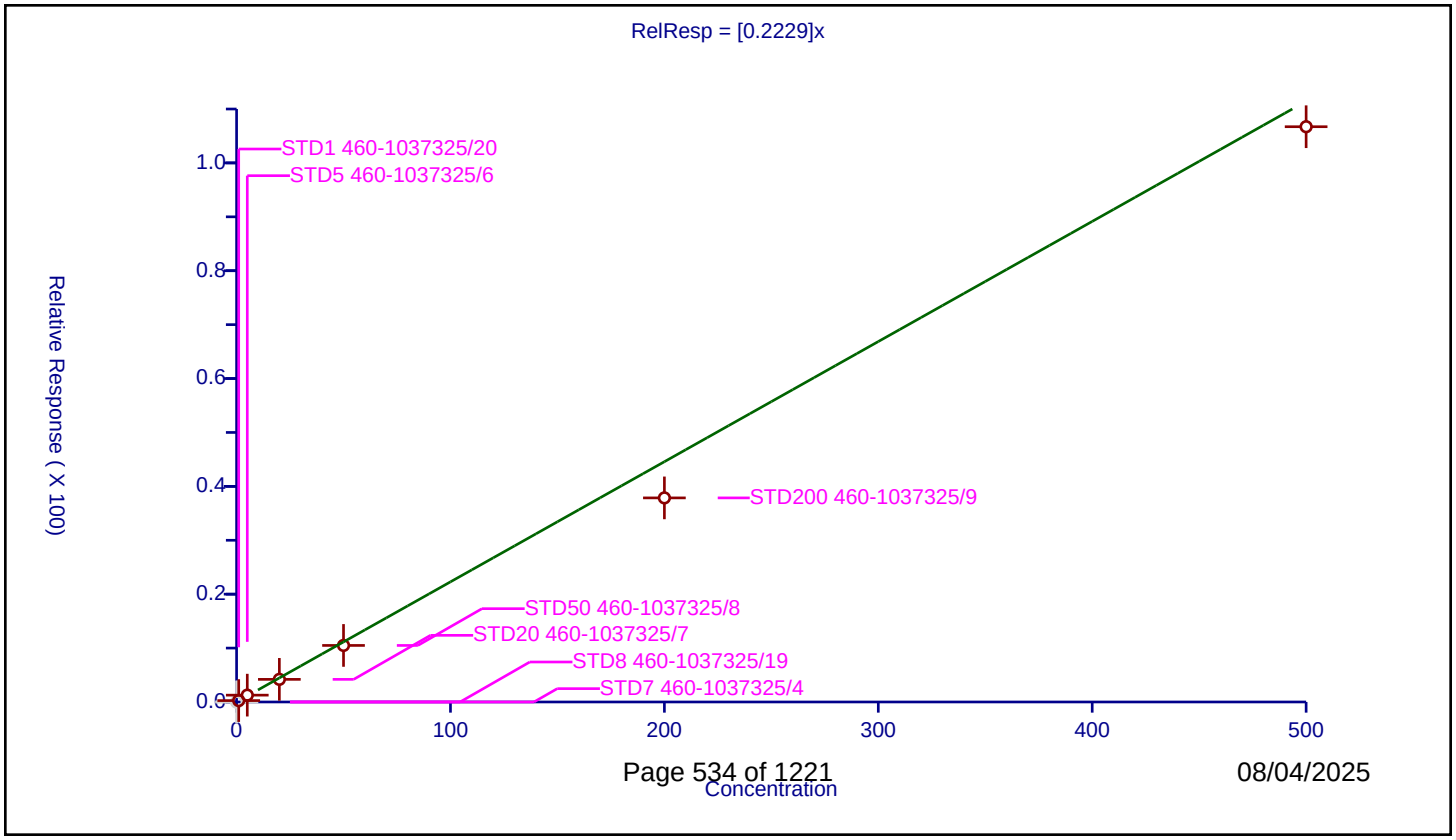
Curve Coefficients

Intercept:	0
Slope:	0.2229

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.26115	50.0	530729.0	0.26115	Y
4	STD5 460-1037325/6	5.0	1.268683	50.0	516323.0	0.253737	Y
5	STD20 460-1037325/7	20.0	4.196163	50.0	511503.0	0.209808	Y
6	STD50 460-1037325/8	50.0	10.490062	50.0	509282.0	0.209801	Y
7	STD200 460-1037325/9	200.0	37.860078	50.0	502322.0	0.1893	Y
8	STD500 460-1037325/10	500.0	106.717617	50.0	511476.0	0.213435	Y



Calibration / Acrolein

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

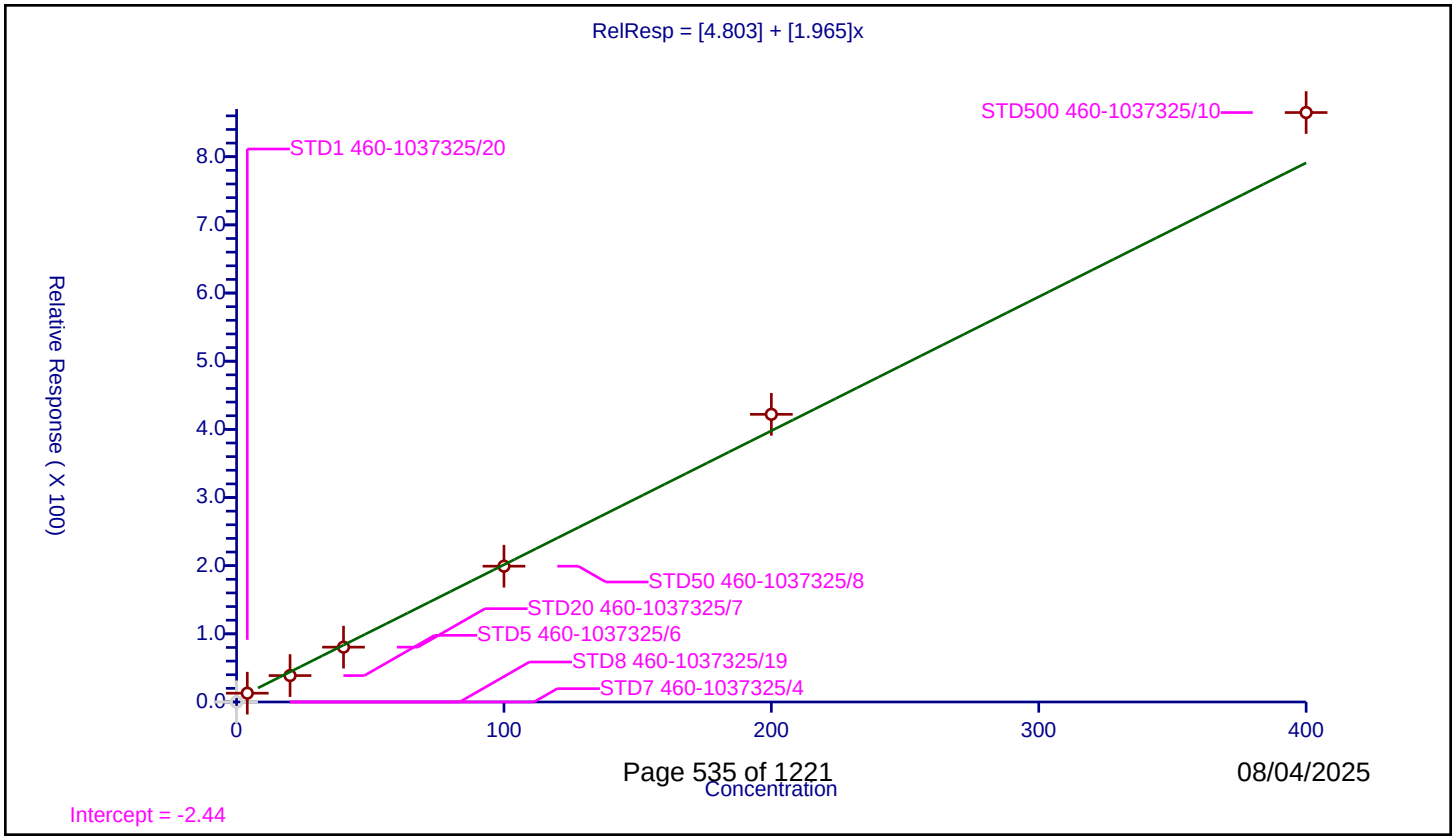
Curve Coefficients

Intercept:	4.803
Slope:	1.965

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	0.0	0.0	1000.0	139095.0	NaN	N
3	STD1 460-1037325/20	4.0	12.894916	1000.0	130439.0	3.223729	Y
4	STD5 460-1037325/6	20.0	38.756989	1000.0	117682.0	1.937849	Y
5	STD20 460-1037325/7	40.0	80.459674	1000.0	119563.0	2.011492	Y
6	STD50 460-1037325/8	100.0	199.234814	1000.0	118664.0	1.992348	Y
7	STD200 460-1037325/9	200.0	422.06976	1000.0	114564.0	2.110349	Y
8	STD500 460-1037325/10	400.0	864.840813	1000.0	120236.0	2.162102	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

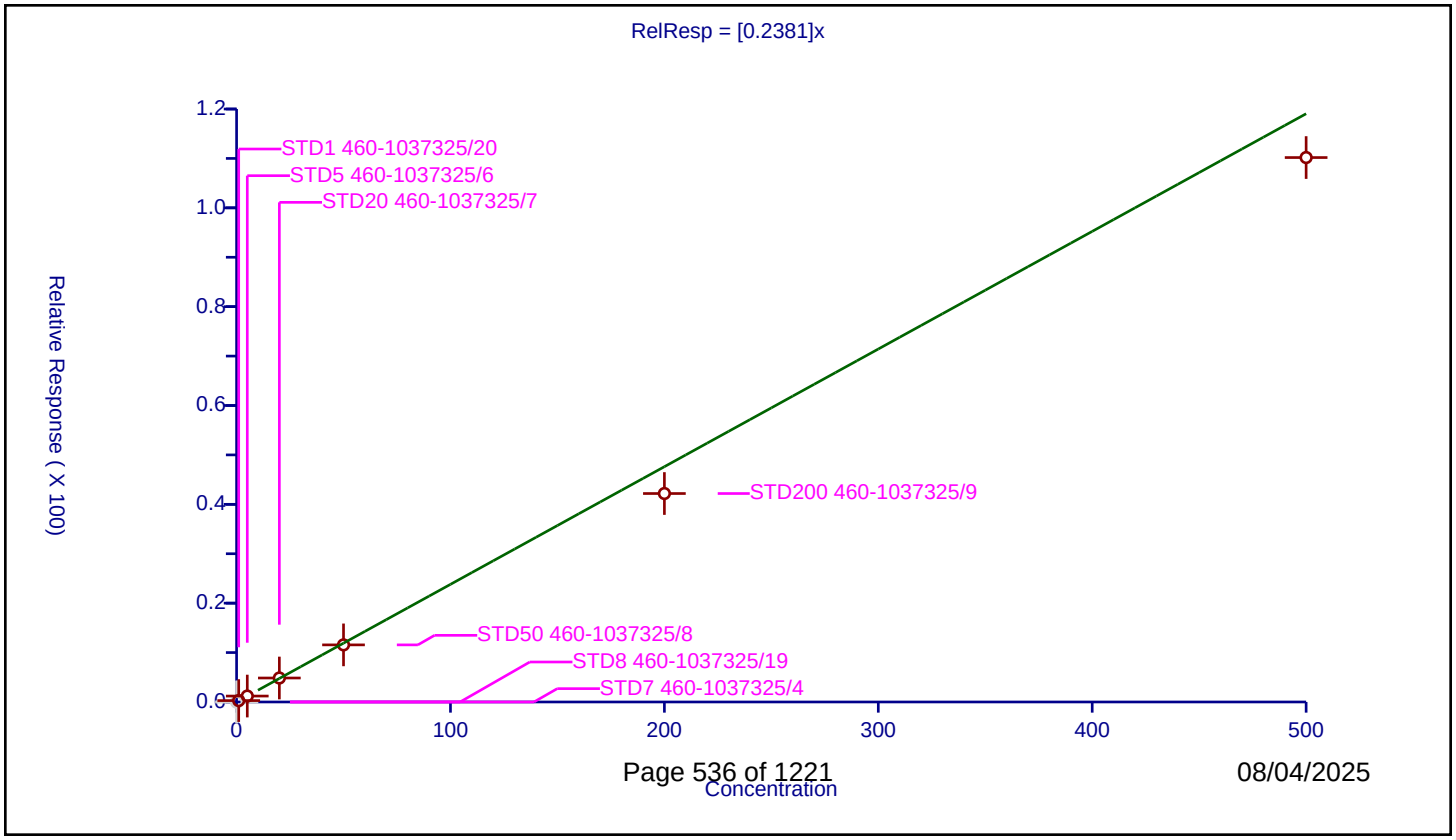
Curve Coefficients

Intercept:	0
Slope:	0.2381

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.282724	50.0	530729.0	0.282724	Y
4	STD5 460-1037325/6	5.0	1.202832	50.0	516323.0	0.240566	Y
5	STD20 460-1037325/7	20.0	4.856374	50.0	511503.0	0.242819	Y
6	STD50 460-1037325/8	50.0	11.557153	50.0	509282.0	0.231143	Y
7	STD200 460-1037325/9	200.0	42.18997	50.0	502322.0	0.21095	Y
8	STD500 460-1037325/10	500.0	110.178581	50.0	511476.0	0.220357	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

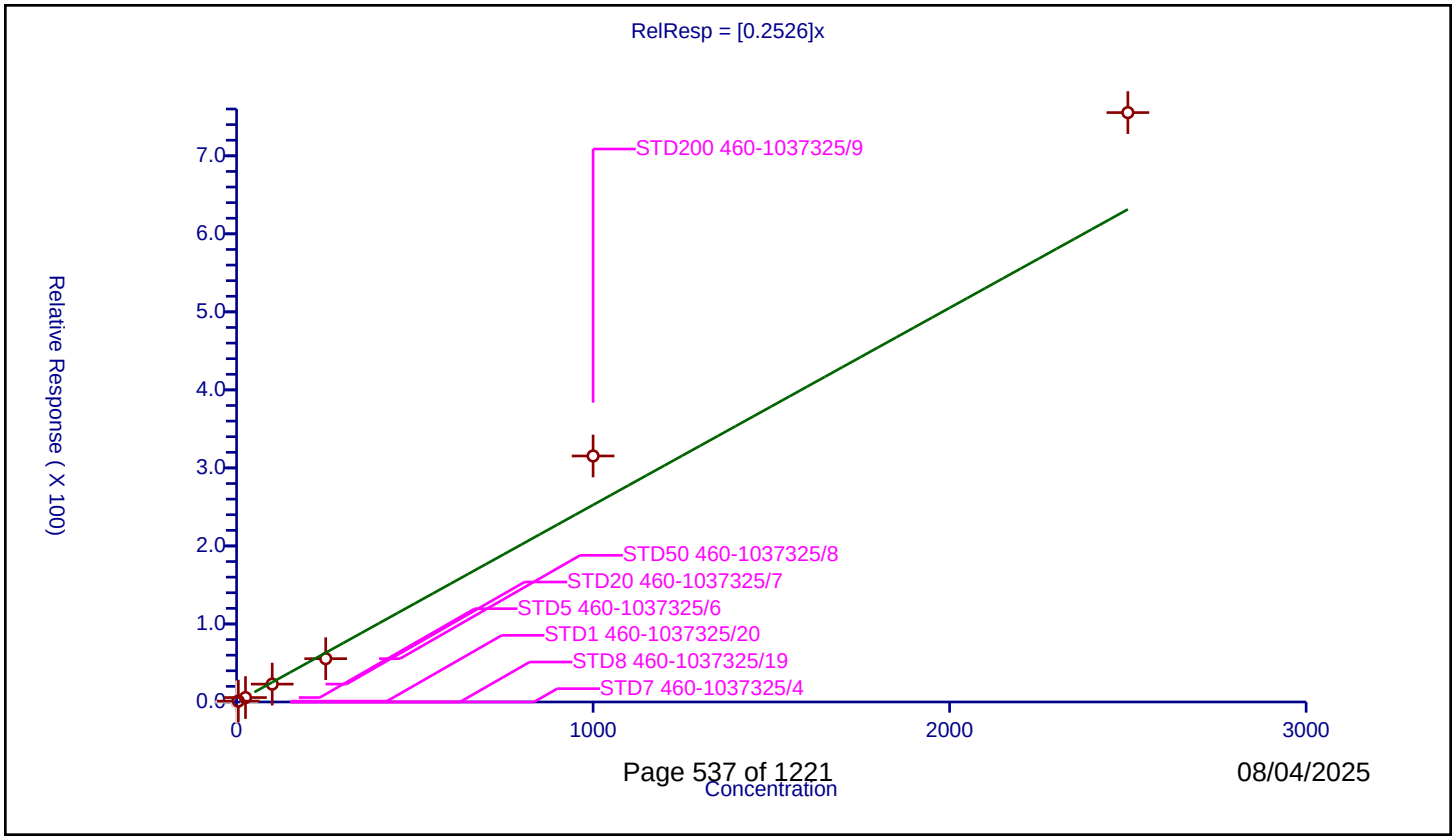
Curve Coefficients

Intercept:	0
Slope:	0.2526

Error Coefficients

Relative Standard Deviation:	17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	250.0	135237.0	NaN	N
2	STD8 460-1037325/19	1.0	0.0	250.0	146299.0	0.0	N
3	STD1 460-1037325/20	5.0	1.098608	250.0	140405.0	0.219722	Y
4	STD5 460-1037325/6	25.0	5.676367	250.0	136531.0	0.227055	Y
5	STD20 460-1037325/7	100.0	22.904568	250.0	138444.0	0.229046	Y
6	STD50 460-1037325/8	250.0	55.52278	250.0	135602.0	0.222091	Y
7	STD200 460-1037325/9	1000.0	315.300286	250.0	131125.0	0.3153	Y
8	STD500 460-1037325/10	2500.0	755.405704	250.0	140176.0	0.302162	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

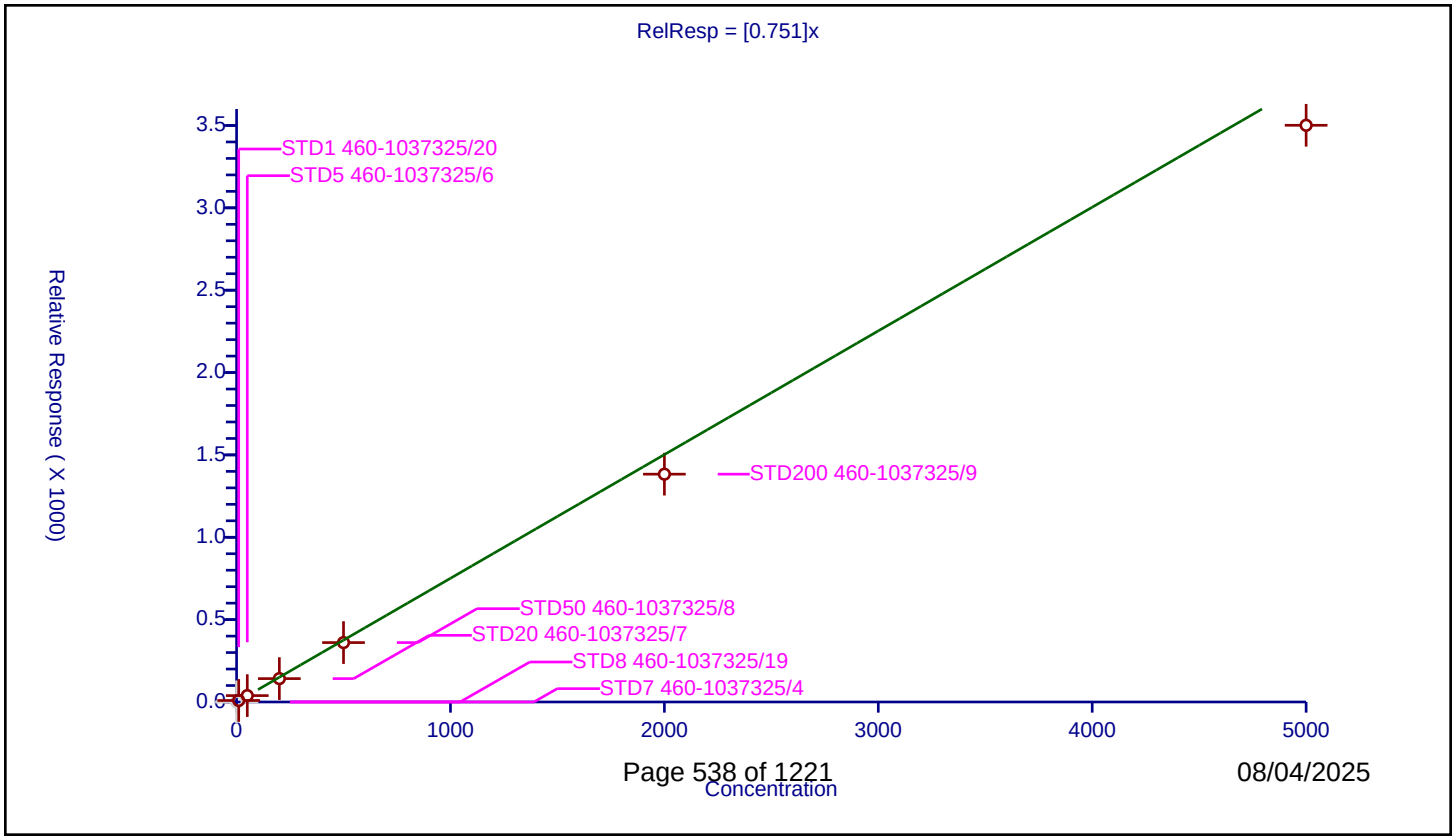
Curve Coefficients

Intercept:	0
Slope:	0.751

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	2.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	10.0	9.07704	1000.0	130439.0	0.907704	Y
4	STD5 460-1037325/6	50.0	38.756989	1000.0	117682.0	0.77514	Y
5	STD20 460-1037325/7	200.0	141.97536	1000.0	119563.0	0.709877	Y
6	STD50 460-1037325/8	500.0	360.682263	1000.0	118664.0	0.721365	Y
7	STD200 460-1037325/9	2000.0	1383.157013	1000.0	114564.0	0.691579	Y
8	STD500 460-1037325/10	5000.0	3501.272497	1000.0	120236.0	0.700254	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

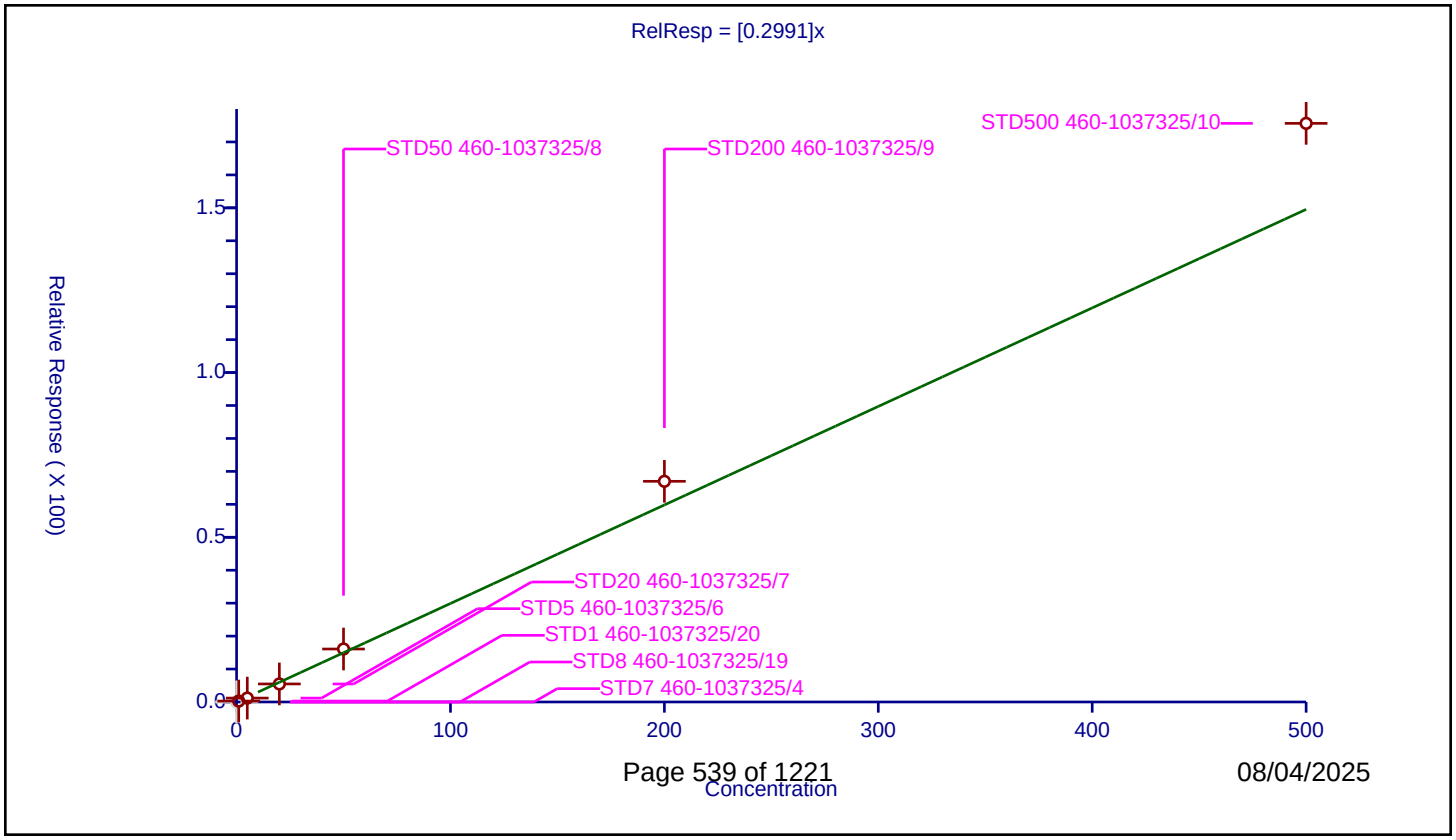
Curve Coefficients

Intercept:	0
Slope:	0.2991

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.275659	50.0	530729.0	0.275659	Y
4	STD5 460-1037325/6	5.0	1.18482	50.0	516323.0	0.236964	Y
5	STD20 460-1037325/7	20.0	5.476898	50.0	511503.0	0.273845	Y
6	STD50 460-1037325/8	50.0	16.082151	50.0	509282.0	0.321643	Y
7	STD200 460-1037325/9	200.0	66.988207	50.0	502322.0	0.334941	Y
8	STD500 460-1037325/10	500.0	175.64832	50.0	511476.0	0.351297	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

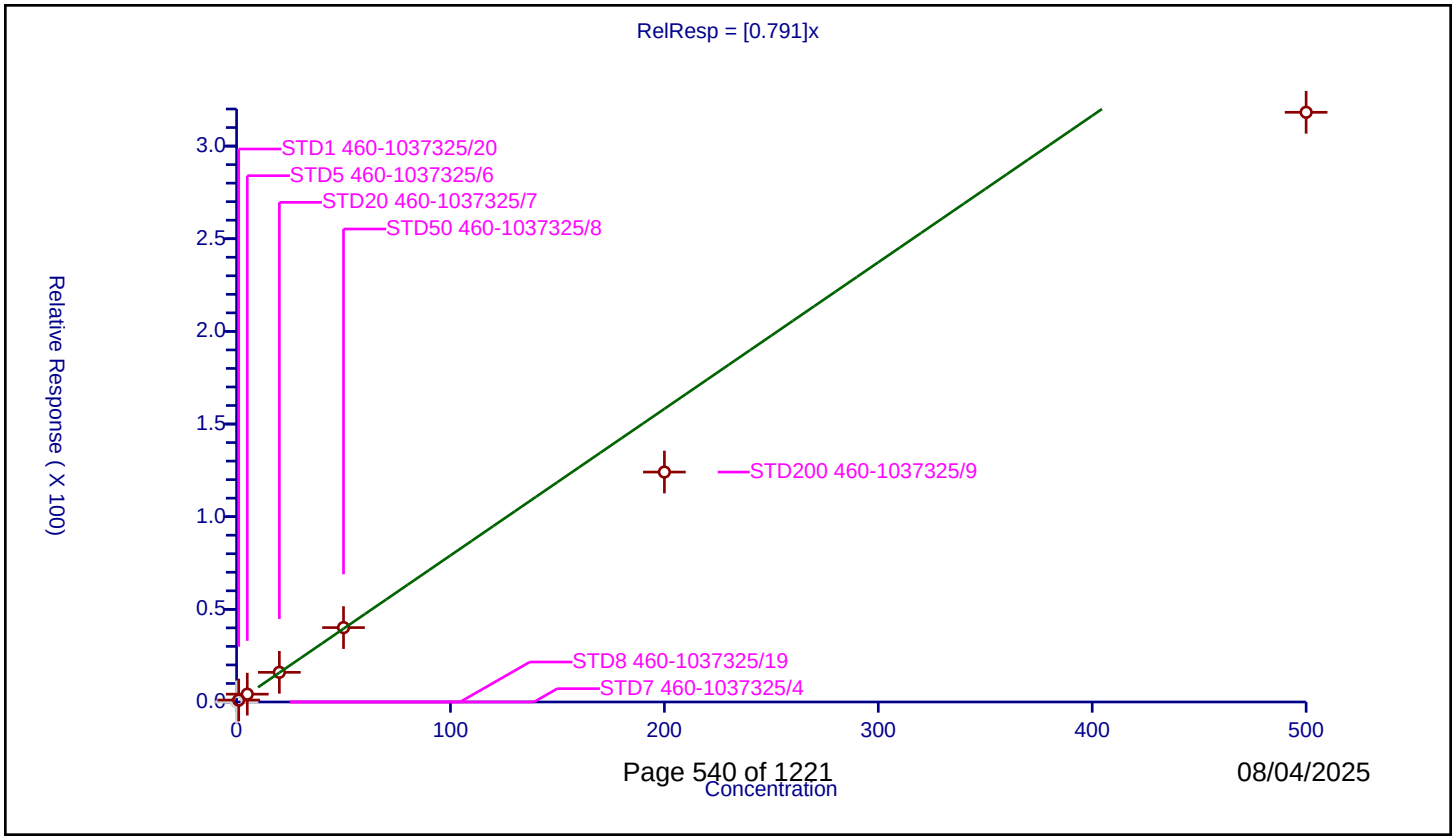
Curve Coefficients

Intercept:	0
Slope:	0.791

Error Coefficients

Relative Standard Deviation:	19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	1.041492	50.0	530729.0	1.041492	Y
4	STD5 460-1037325/6	5.0	4.21858	50.0	516323.0	0.843716	Y
5	STD20 460-1037325/7	20.0	16.016622	50.0	511503.0	0.800831	Y
6	STD50 460-1037325/8	50.0	40.140237	50.0	509282.0	0.802805	Y
7	STD200 460-1037325/9	200.0	124.079375	50.0	502322.0	0.620397	Y
8	STD500 460-1037325/10	500.0	318.236437	50.0	511476.0	0.636473	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

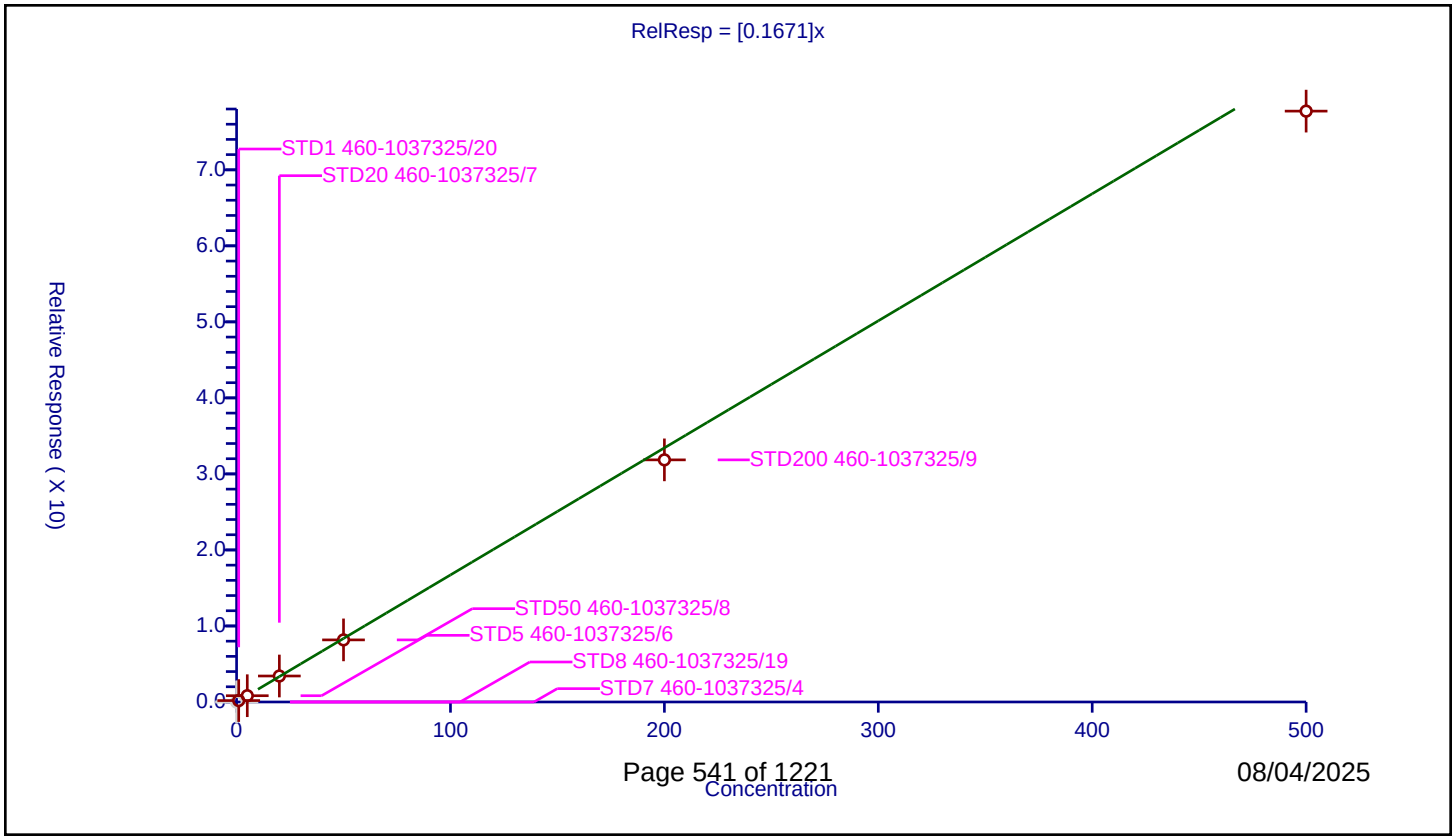
Curve Coefficients

Intercept:	0
Slope:	0.1671

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.188891	50.0	530729.0	0.188891	Y
4	STD5 460-1037325/6	5.0	0.824678	50.0	516323.0	0.164936	Y
5	STD20 460-1037325/7	20.0	3.417966	50.0	511503.0	0.170898	Y
6	STD50 460-1037325/8	50.0	8.168068	50.0	509282.0	0.163361	Y
7	STD200 460-1037325/9	200.0	31.848396	50.0	502322.0	0.159242	Y
8	STD500 460-1037325/10	500.0	77.722904	50.0	511476.0	0.155446	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

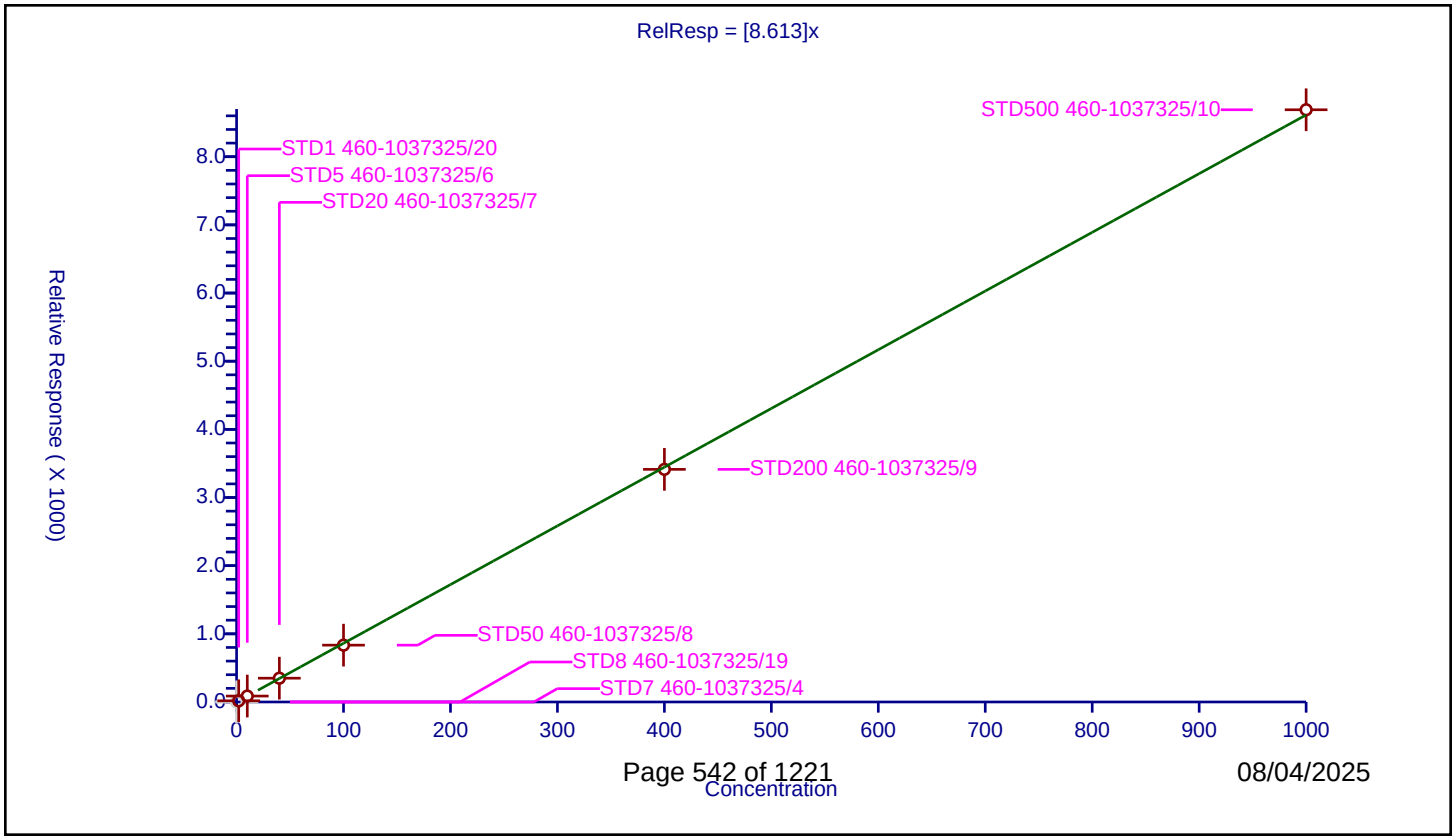
Curve Coefficients

Intercept:	0
Slope:	8.613

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	2.0	17.333773	1000.0	130439.0	8.666886	Y
4	STD5 460-1037325/6	10.0	87.175609	1000.0	117682.0	8.717561	Y
5	STD20 460-1037325/7	40.0	349.313751	1000.0	119563.0	8.732844	Y
6	STD50 460-1037325/8	100.0	834.060878	1000.0	118664.0	8.340609	Y
7	STD200 460-1037325/9	400.0	3413.131525	1000.0	114564.0	8.532829	Y
8	STD500 460-1037325/10	1000.0	8689.09478	1000.0	120236.0	8.689095	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

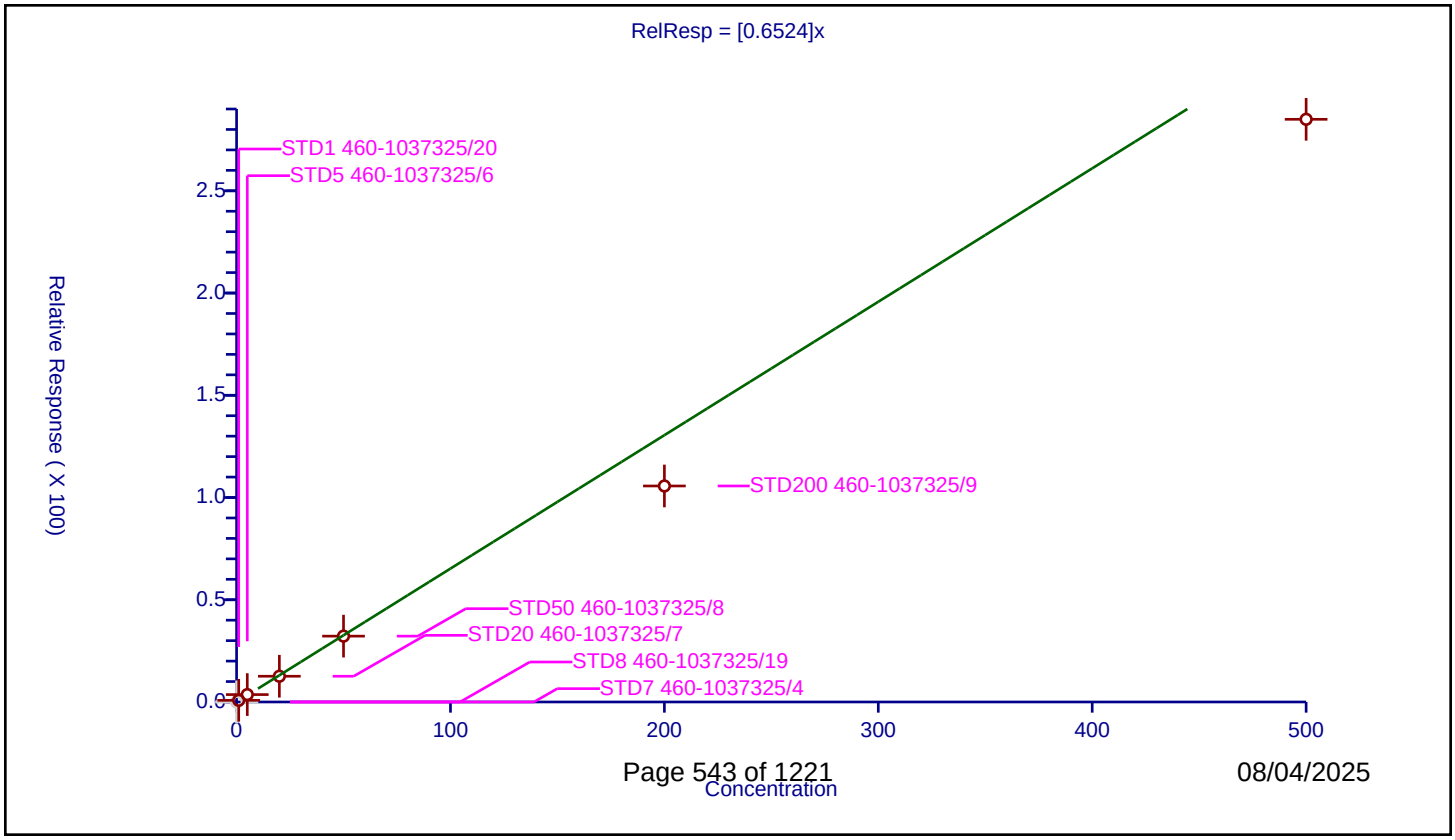
Curve Coefficients

Intercept:	0
Slope:	0.6524

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.818685	50.0	530729.0	0.818685	Y
4	STD5 460-1037325/6	5.0	3.620311	50.0	516323.0	0.724062	Y
5	STD20 460-1037325/7	20.0	12.592204	50.0	511503.0	0.62961	Y
6	STD50 460-1037325/8	50.0	32.207304	50.0	509282.0	0.644146	Y
7	STD200 460-1037325/9	200.0	105.641003	50.0	502322.0	0.528205	Y
8	STD500 460-1037325/10	500.0	284.961562	50.0	511476.0	0.569923	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

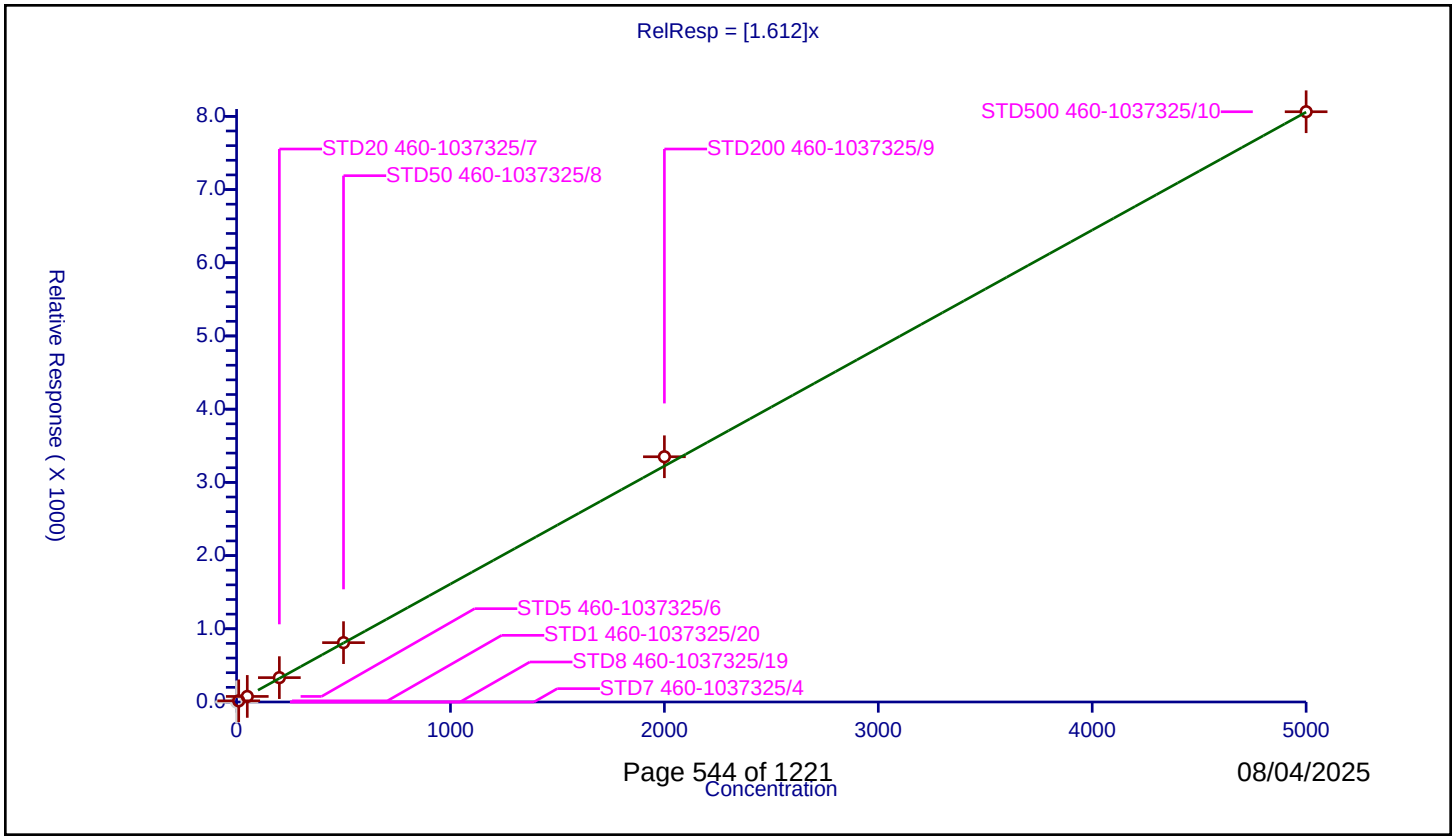
Curve Coefficients

Intercept:	0
Slope:	1.612

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	2.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	10.0	15.815822	1000.0	130439.0	1.581582	Y
4	STD5 460-1037325/6	50.0	75.780493	1000.0	117682.0	1.51561	Y
5	STD20 460-1037325/7	200.0	332.686533	1000.0	119563.0	1.663433	Y
6	STD50 460-1037325/8	500.0	810.532259	1000.0	118664.0	1.621065	Y
7	STD200 460-1037325/9	2000.0	3350.144897	1000.0	114564.0	1.675072	Y
8	STD500 460-1037325/10	5000.0	8062.69337	1000.0	120236.0	1.612539	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

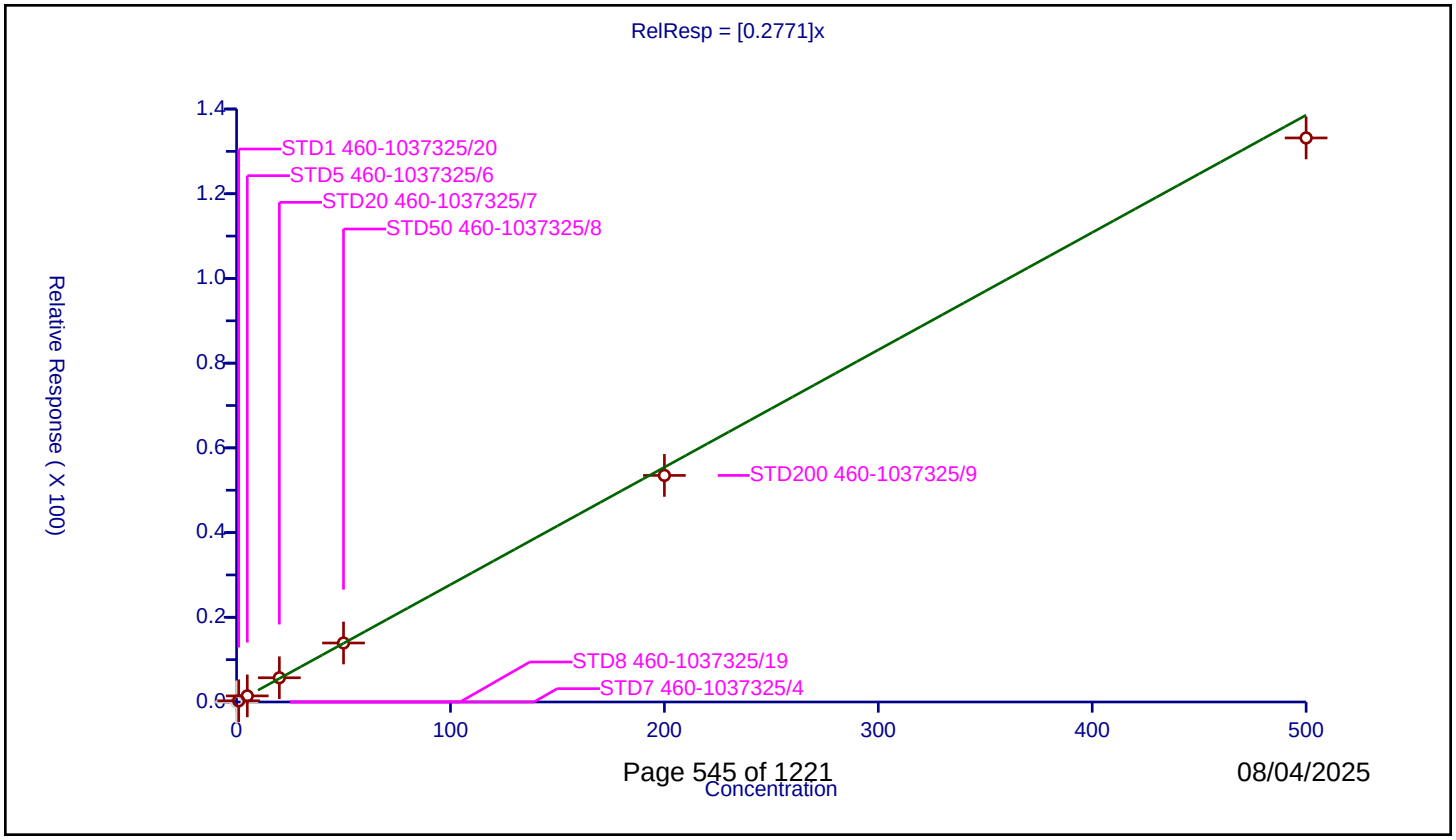
Curve Coefficients

Intercept:	0
Slope:	0.2771

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.277166	50.0	530729.0	0.277166	Y
4	STD5 460-1037325/6	5.0	1.43631	50.0	516323.0	0.287262	Y
5	STD20 460-1037325/7	20.0	5.717073	50.0	511503.0	0.285854	Y
6	STD50 460-1037325/8	50.0	13.930003	50.0	509282.0	0.2786	Y
7	STD200 460-1037325/9	200.0	53.493078	50.0	502322.0	0.267465	Y
8	STD500 460-1037325/10	500.0	133.168223	50.0	511476.0	0.266336	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

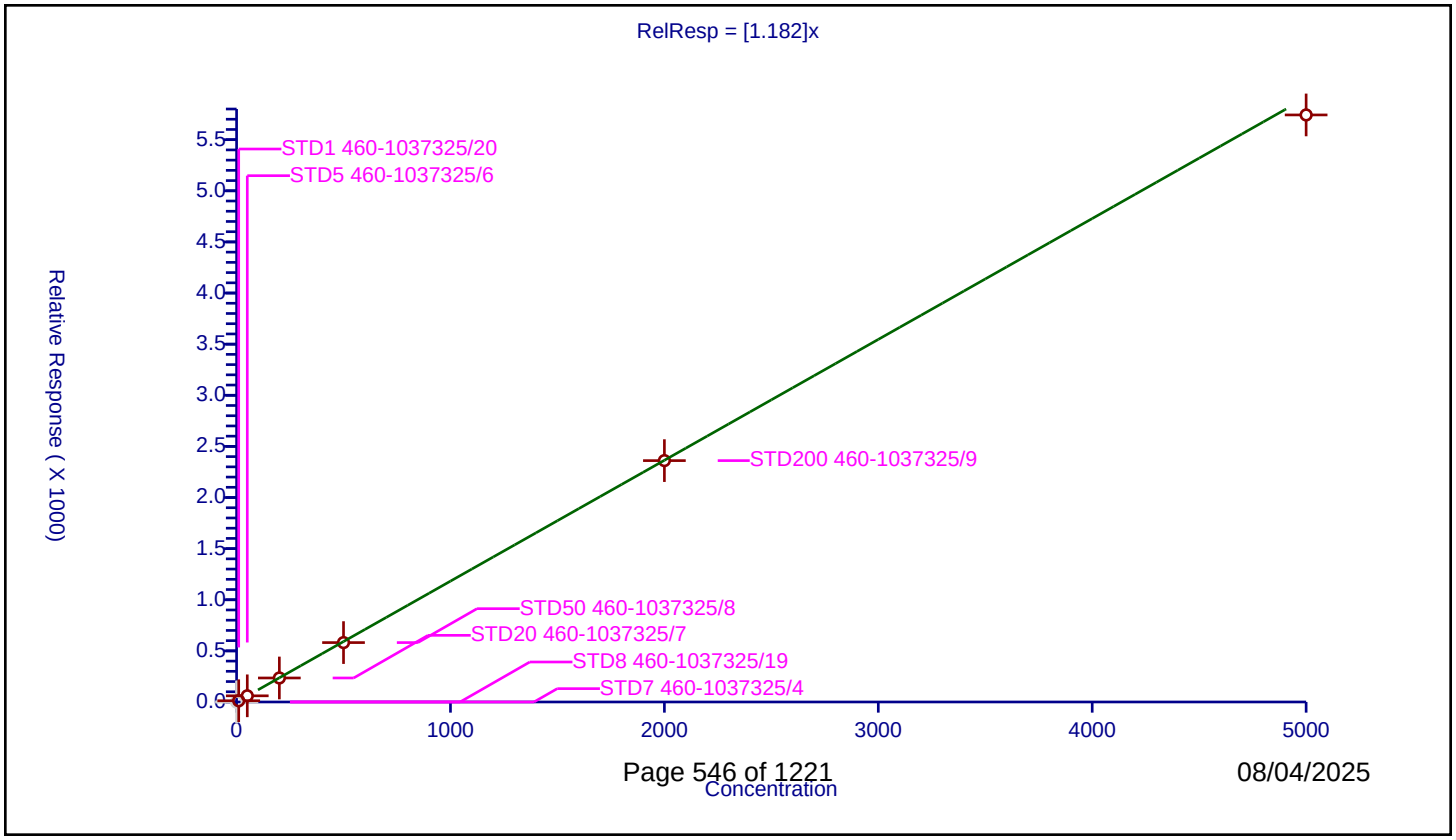
Curve Coefficients

Intercept:	0
Slope:	1.182

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	2.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	10.0	12.212605	1000.0	130439.0	1.221261	Y
4	STD5 460-1037325/6	50.0	60.315086	1000.0	117682.0	1.206302	Y
5	STD20 460-1037325/7	200.0	234.880356	1000.0	119563.0	1.174402	Y
6	STD50 460-1037325/8	500.0	580.925976	1000.0	118664.0	1.161852	Y
7	STD200 460-1037325/9	2000.0	2360.863797	1000.0	114564.0	1.180432	Y
8	STD500 460-1037325/10	5000.0	5742.065604	1000.0	120236.0	1.148413	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

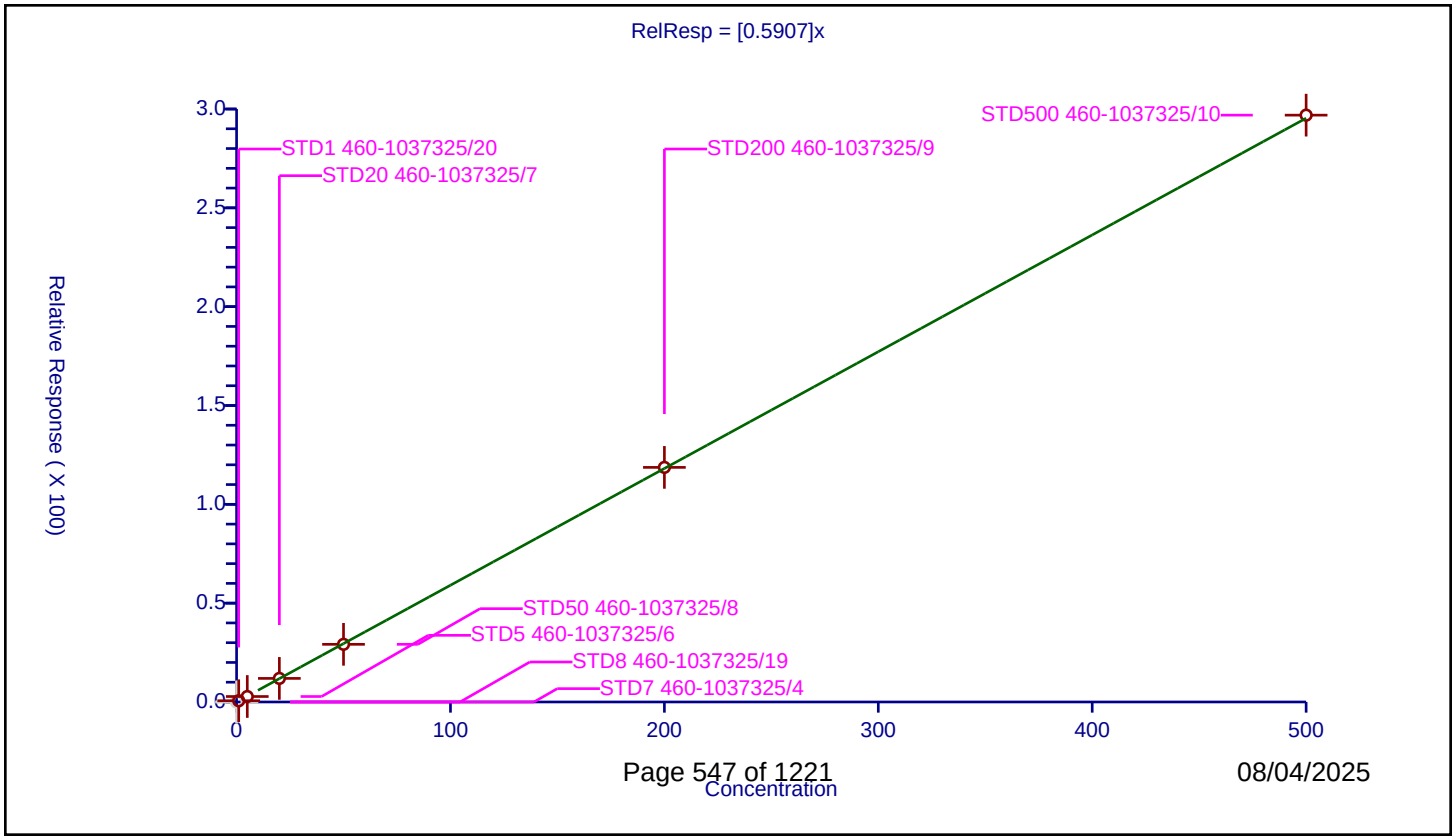
Curve Coefficients

Intercept:	0
Slope:	0.5907

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.623105	50.0	530729.0	0.623105	Y
4	STD5 460-1037325/6	5.0	2.7691	50.0	516323.0	0.55382	Y
5	STD20 460-1037325/7	20.0	11.933459	50.0	511503.0	0.596673	Y
6	STD50 460-1037325/8	50.0	29.16989	50.0	509282.0	0.583398	Y
7	STD200 460-1037325/9	200.0	118.690004	50.0	502322.0	0.59345	Y
8	STD500 460-1037325/10	500.0	296.897508	50.0	511476.0	0.593795	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

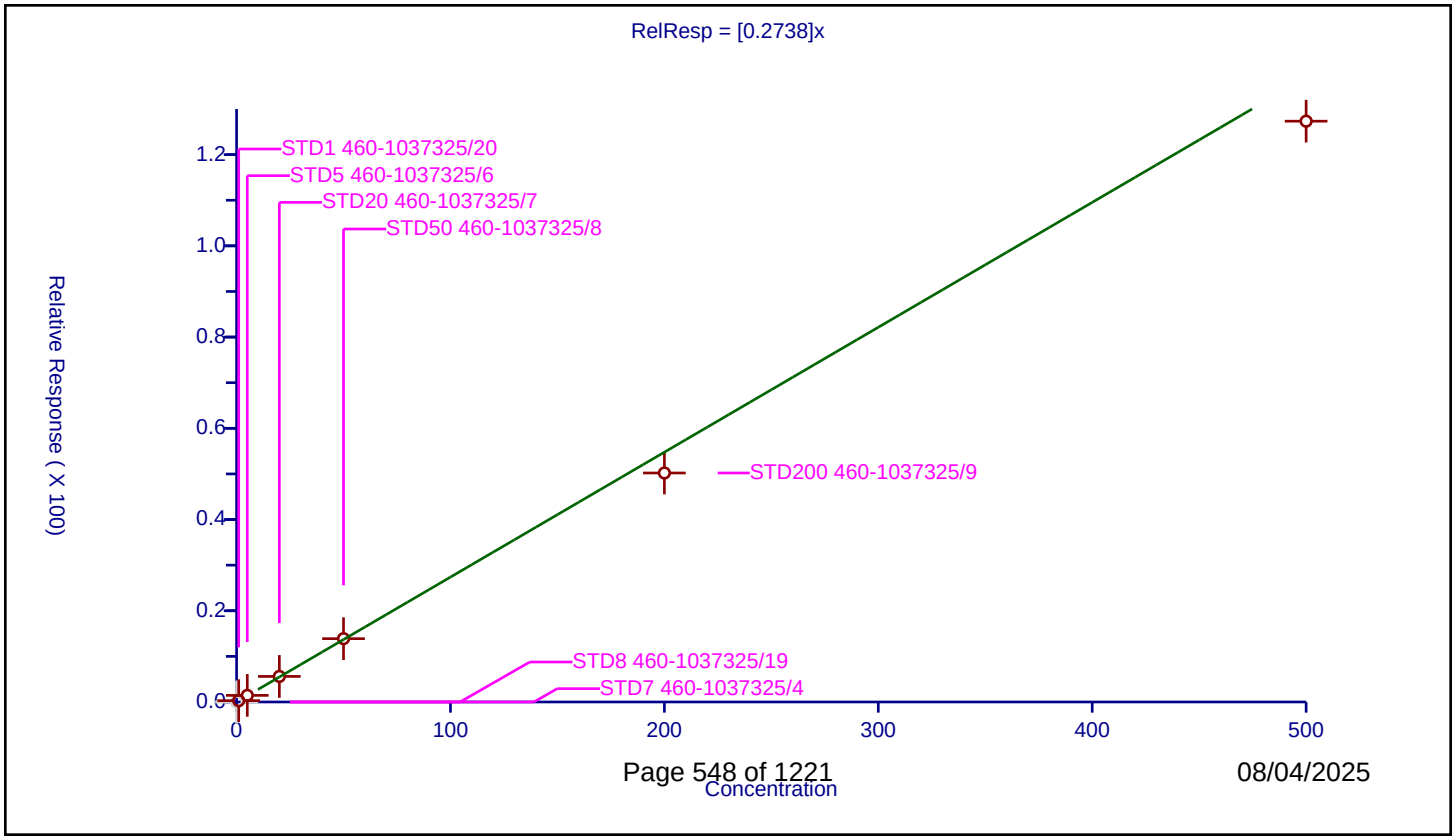
Curve Coefficients

Intercept:	0
Slope:	0.2738

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.289884	50.0	530729.0	0.289884	Y
4	STD5 460-1037325/6	5.0	1.447737	50.0	516323.0	0.289547	Y
5	STD20 460-1037325/7	20.0	5.60417	50.0	511503.0	0.280209	Y
6	STD50 460-1037325/8	50.0	13.882878	50.0	509282.0	0.277658	Y
7	STD200 460-1037325/9	200.0	50.20236	50.0	502322.0	0.251012	Y
8	STD500 460-1037325/10	500.0	127.331194	50.0	511476.0	0.254662	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

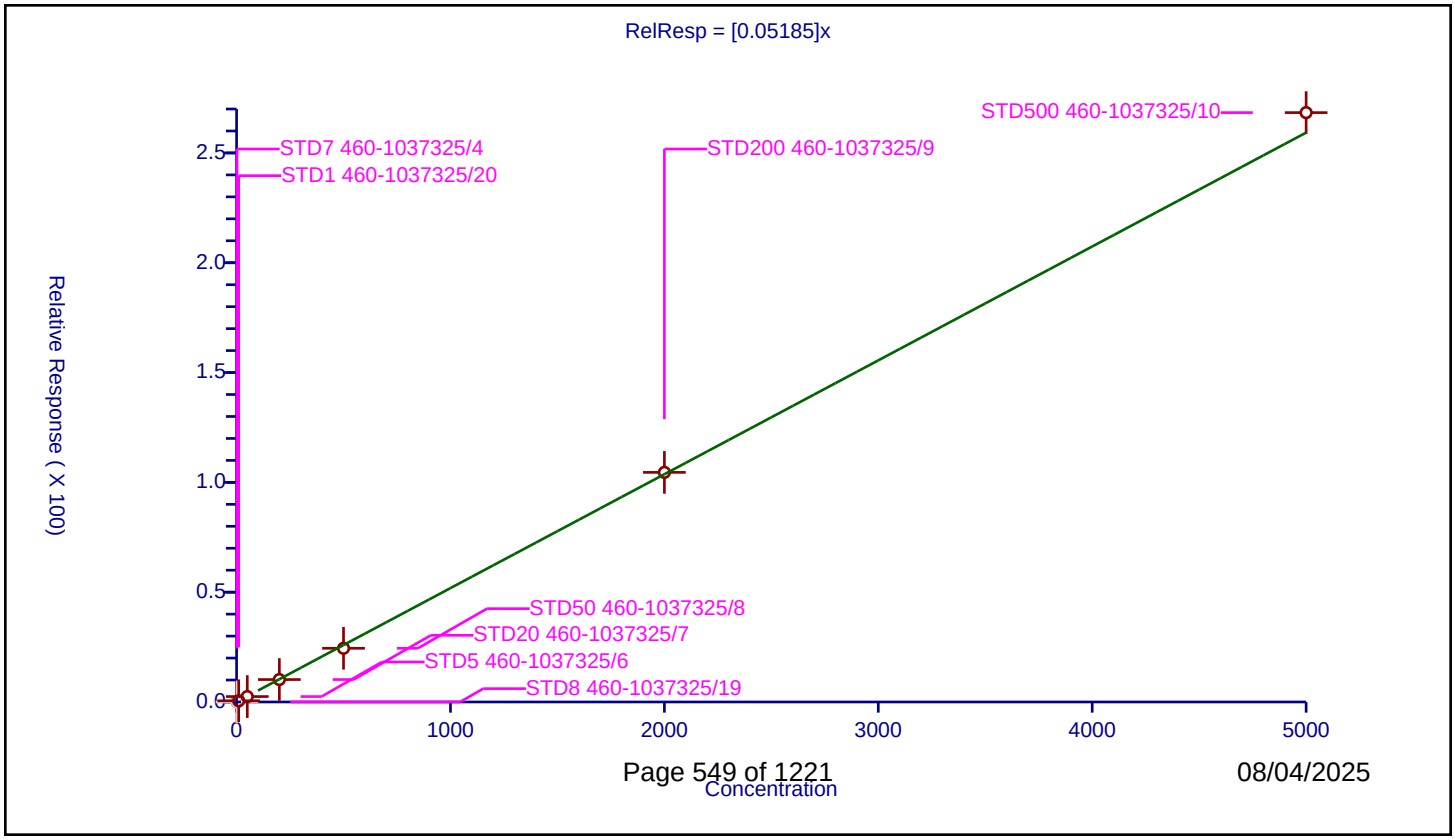
Curve Coefficients

Intercept:	0
Slope:	0.05185

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	2.0	0.10665	50.0	517583.0	0.053325	Y
2	STD8 460-1037325/19	2.0	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	10.0	0.543592	50.0	530729.0	0.054359	Y
4	STD5 460-1037325/6	50.0	2.465608	50.0	516323.0	0.049312	Y
5	STD20 460-1037325/7	200.0	10.223107	50.0	511503.0	0.051116	Y
6	STD50 460-1037325/8	500.0	24.444021	50.0	509282.0	0.048888	Y
7	STD200 460-1037325/9	2000.0	104.546287	50.0	502322.0	0.052273	Y
8	STD500 460-1037325/10	5000.0	268.355211	50.0	511476.0	0.053671	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

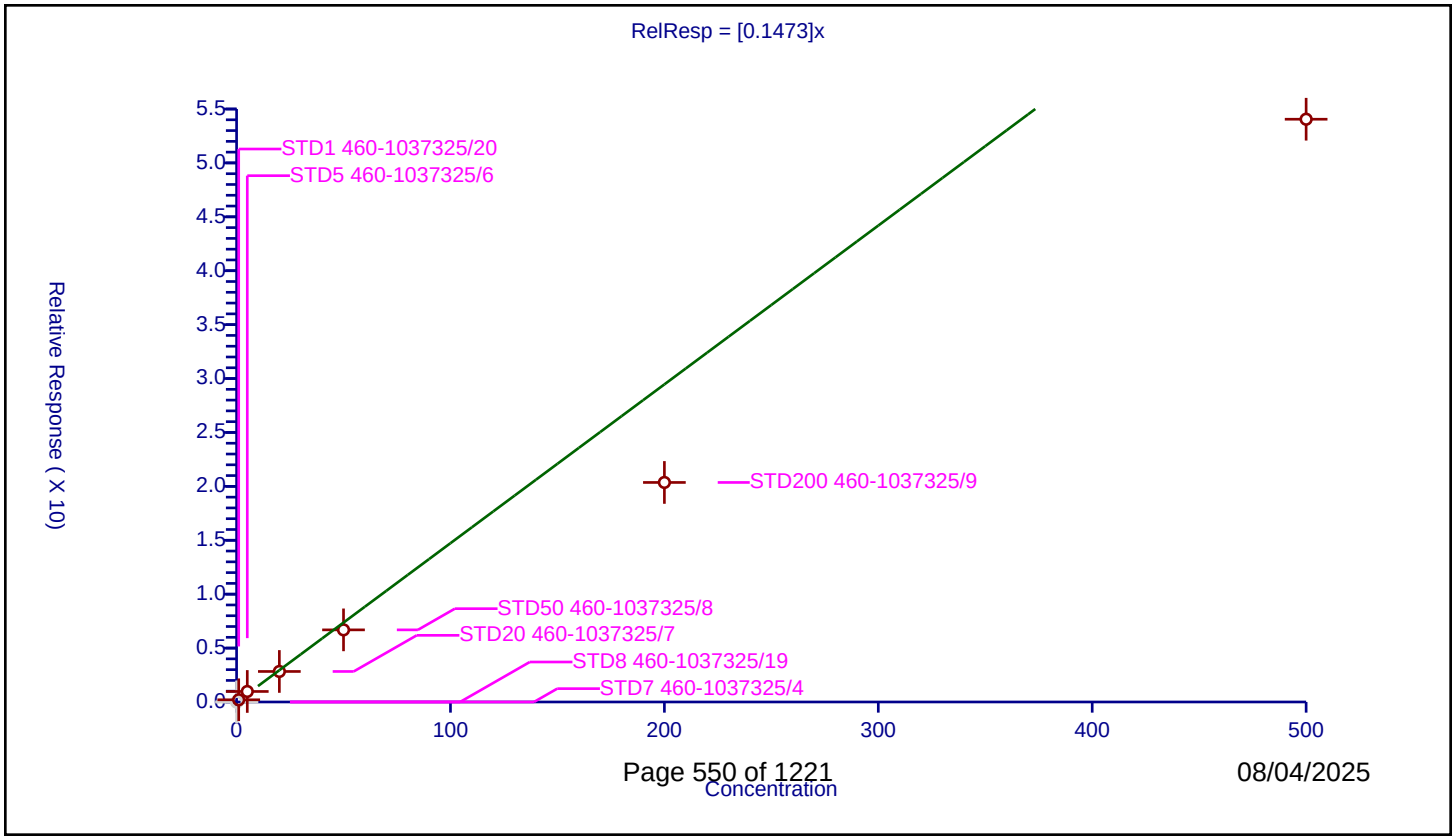
Curve Coefficients

Intercept:	0
Slope:	0.1473

Error Coefficients

Relative Standard Deviation:	29.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.203588	50.0	530729.0	0.203588	Y
4	STD5 460-1037325/6	5.0	0.975068	50.0	516323.0	0.195014	Y
5	STD20 460-1037325/7	20.0	2.829895	50.0	511503.0	0.141495	Y
6	STD50 460-1037325/8	50.0	6.688534	50.0	509282.0	0.133771	Y
7	STD200 460-1037325/9	200.0	20.363233	50.0	502322.0	0.101816	Y
8	STD500 460-1037325/10	500.0	54.05366	50.0	511476.0	0.108107	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

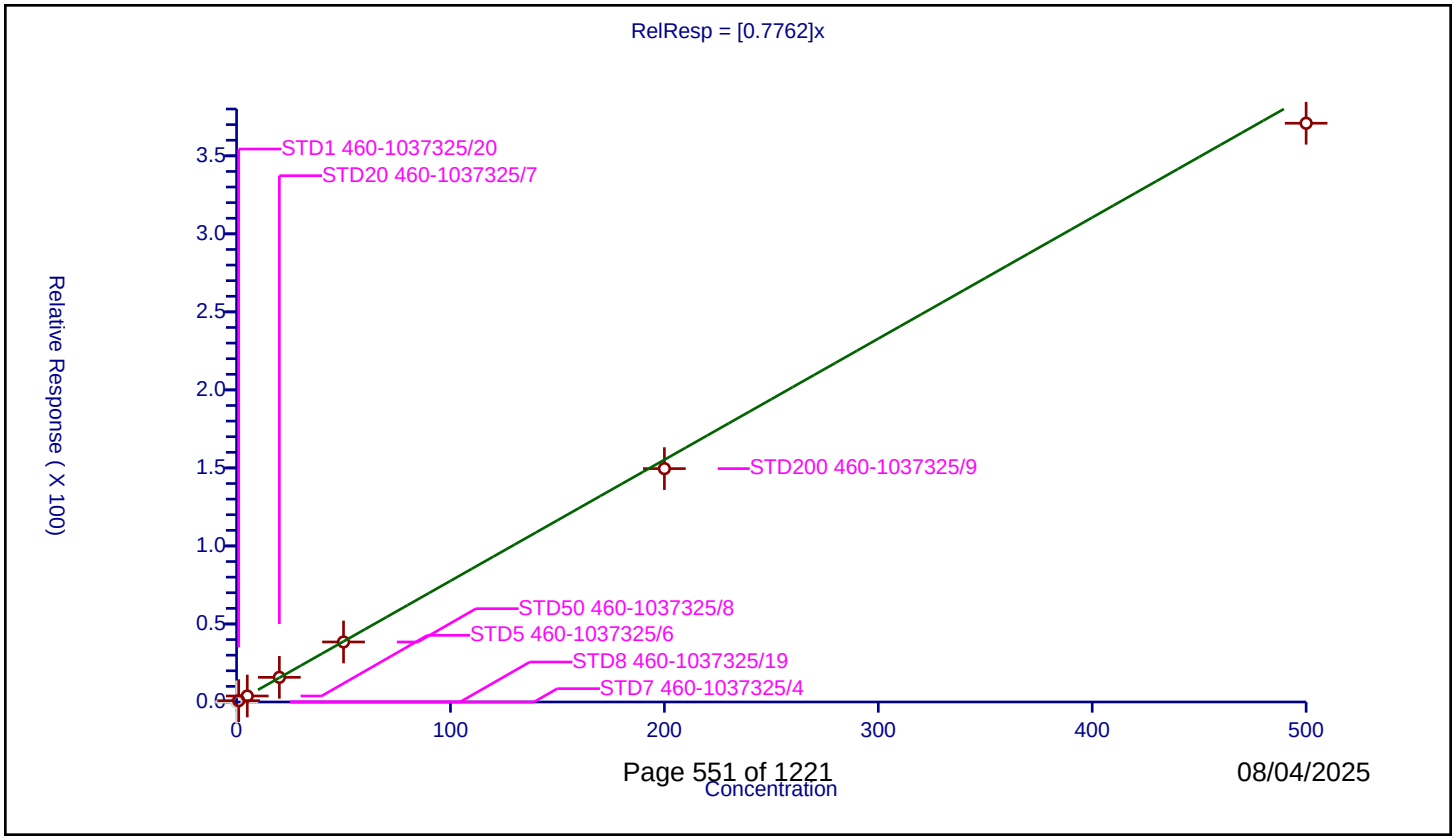
Curve Coefficients

Intercept:	0
Slope:	0.7762

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.842426	50.0	530729.0	0.842426	Y
4	STD5 460-1037325/6	5.0	3.830451	50.0	516323.0	0.76609	Y
5	STD20 460-1037325/7	20.0	15.799125	50.0	511503.0	0.789956	Y
6	STD50 460-1037325/8	50.0	38.454432	50.0	509282.0	0.769089	Y
7	STD200 460-1037325/9	200.0	149.548397	50.0	502322.0	0.747742	Y
8	STD500 460-1037325/10	500.0	370.882994	50.0	511476.0	0.741766	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

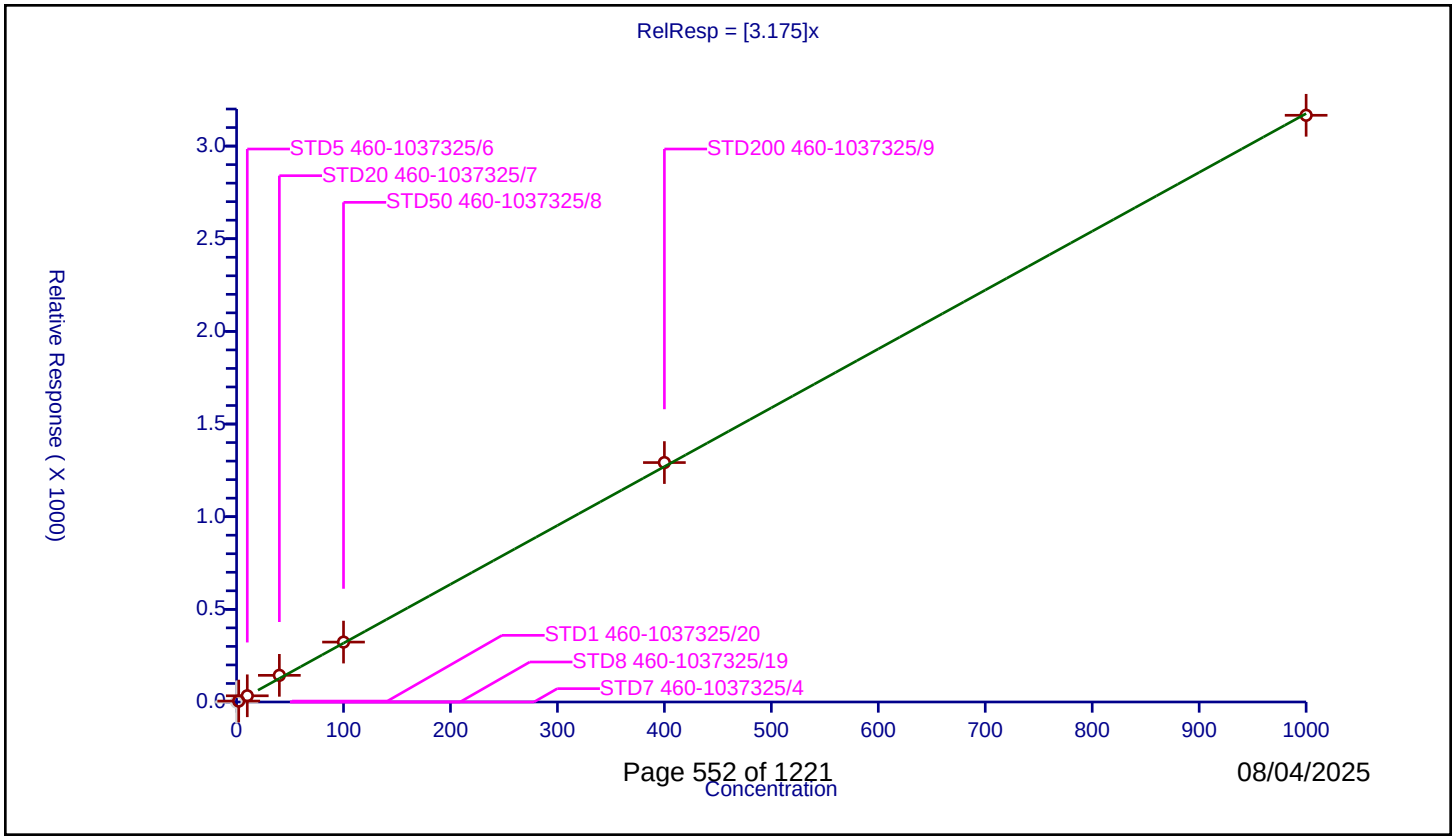
Curve Coefficients

Intercept:	0
Slope:	3.175

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	2.0	4.960173	1000.0	130439.0	2.480086	Y
4	STD5 460-1037325/6	10.0	33.463061	1000.0	117682.0	3.346306	Y
5	STD20 460-1037325/7	40.0	143.890669	1000.0	119563.0	3.597267	Y
6	STD50 460-1037325/8	100.0	323.257264	1000.0	118664.0	3.232573	Y
7	STD200 460-1037325/9	400.0	1292.072553	1000.0	114564.0	3.230181	Y
8	STD500 460-1037325/10	1000.0	3166.231412	1000.0	120236.0	3.166231	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

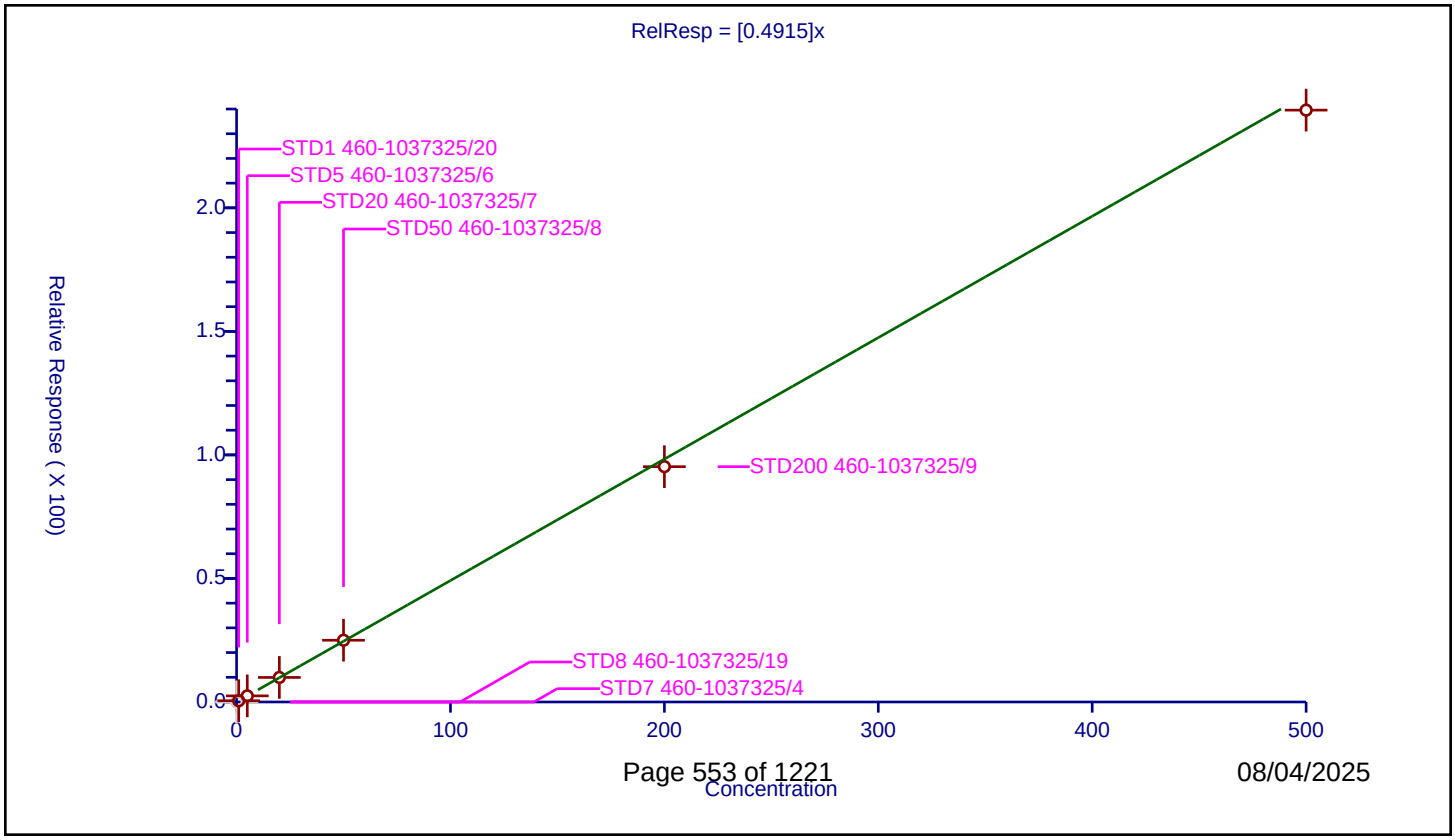
Curve Coefficients

Intercept:	0
Slope:	0.4915

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.50214	50.0	530729.0	0.50214	Y
4	STD5 460-1037325/6	5.0	2.476163	50.0	516323.0	0.495233	Y
5	STD20 460-1037325/7	20.0	9.934253	50.0	511503.0	0.496713	Y
6	STD50 460-1037325/8	50.0	24.989888	50.0	509282.0	0.499798	Y
7	STD200 460-1037325/9	200.0	95.239707	50.0	502322.0	0.476199	Y
8	STD500 460-1037325/10	500.0	239.542911	50.0	511476.0	0.479086	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

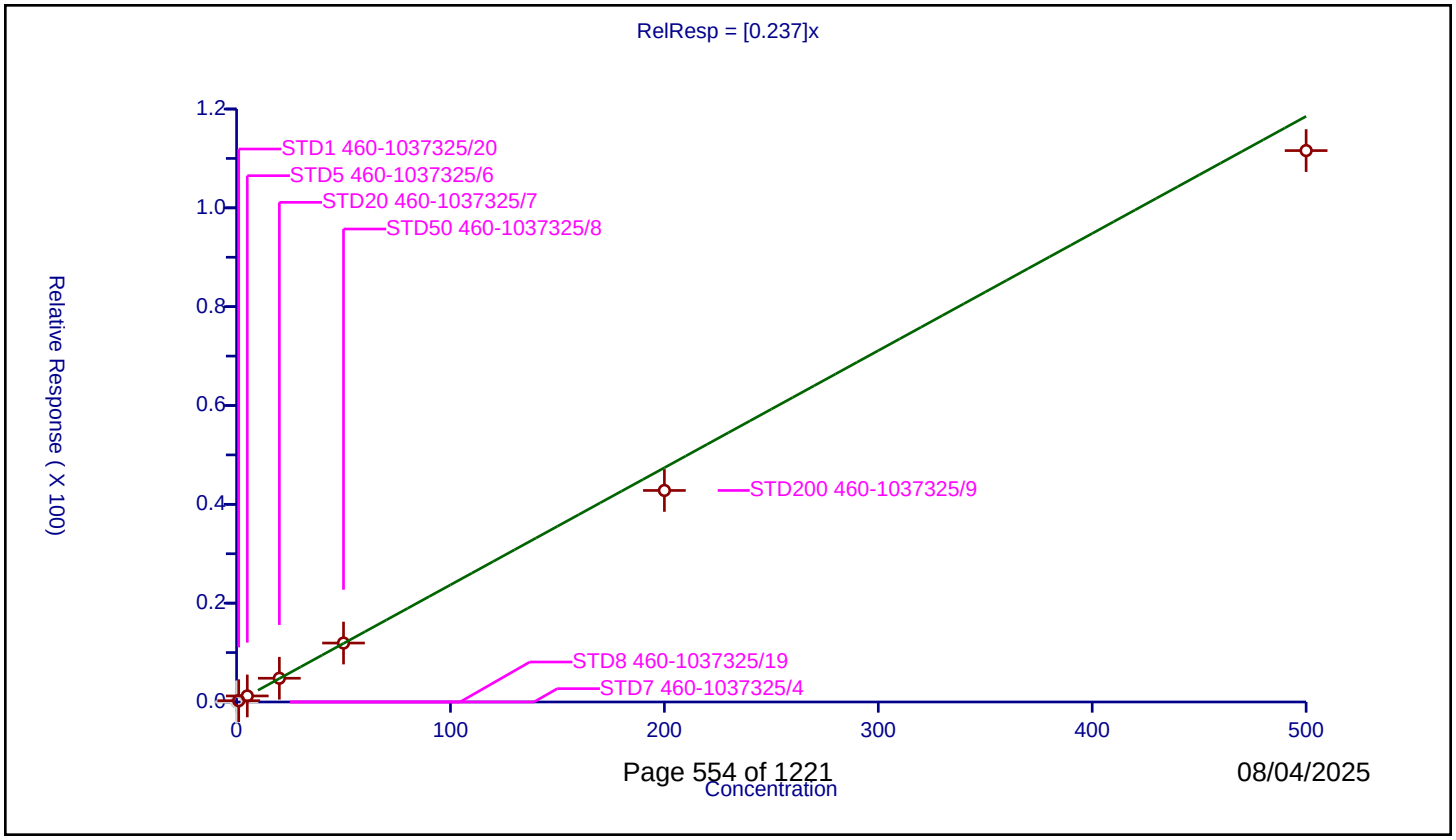
Curve Coefficients

Intercept:	0
Slope:	0.237

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.261527	50.0	530729.0	0.261527	Y
4	STD5 460-1037325/6	5.0	1.222975	50.0	516323.0	0.244595	Y
5	STD20 460-1037325/7	20.0	4.80613	50.0	511503.0	0.240307	Y
6	STD50 460-1037325/8	50.0	11.930522	50.0	509282.0	0.23861	Y
7	STD200 460-1037325/9	200.0	42.8079	50.0	502322.0	0.21404	Y
8	STD500 460-1037325/10	500.0	111.587347	50.0	511476.0	0.223175	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

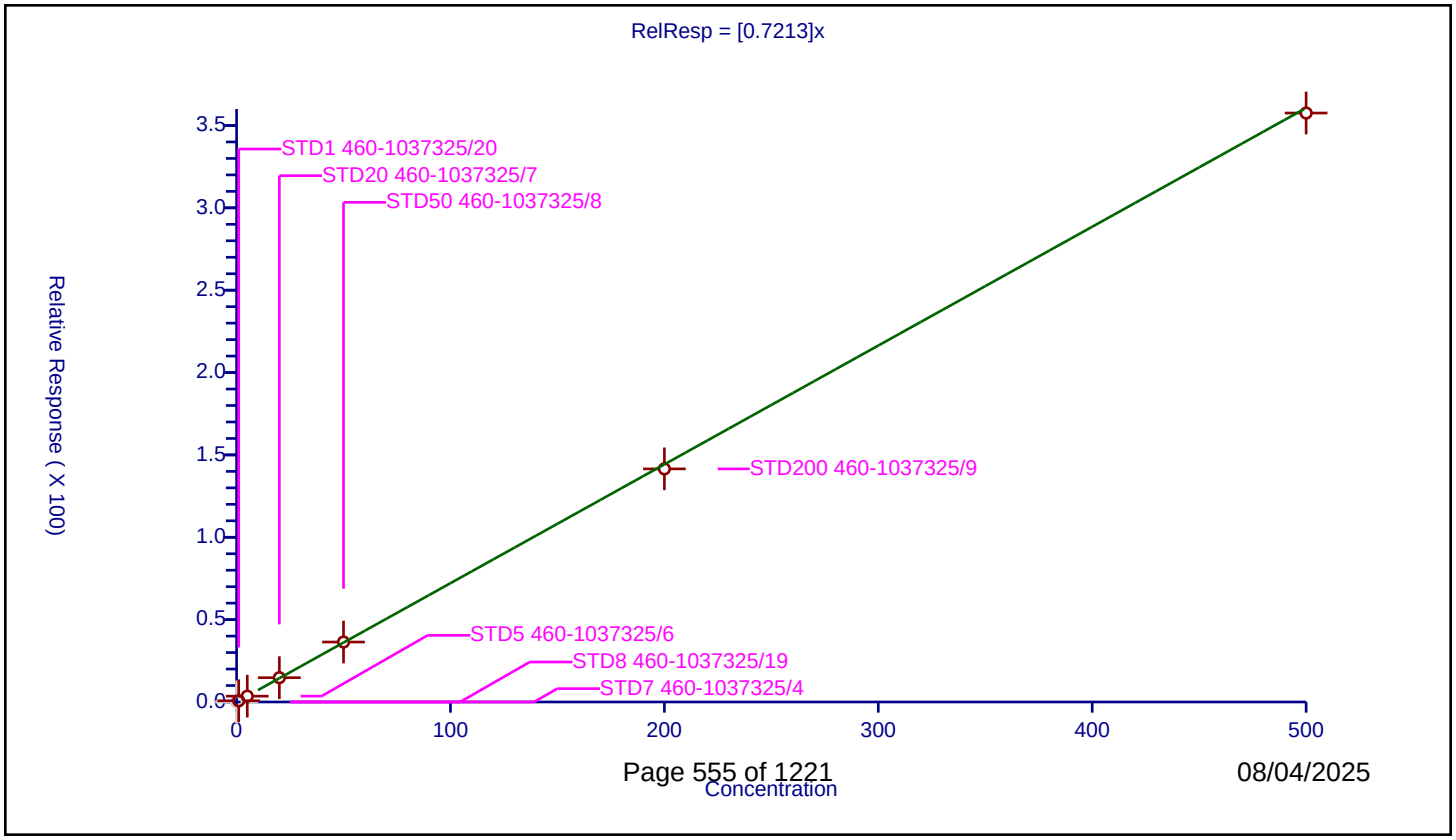
Curve Coefficients

Intercept:	0
Slope:	0.7213

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.731824	50.0	530729.0	0.731824	Y
4	STD5 460-1037325/6	5.0	3.537127	50.0	516323.0	0.707425	Y
5	STD20 460-1037325/7	20.0	14.755534	50.0	511503.0	0.737777	Y
6	STD50 460-1037325/8	50.0	36.400953	50.0	509282.0	0.728019	Y
7	STD200 460-1037325/9	200.0	141.521673	50.0	502322.0	0.707608	Y
8	STD500 460-1037325/10	500.0	357.551869	50.0	511476.0	0.715104	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

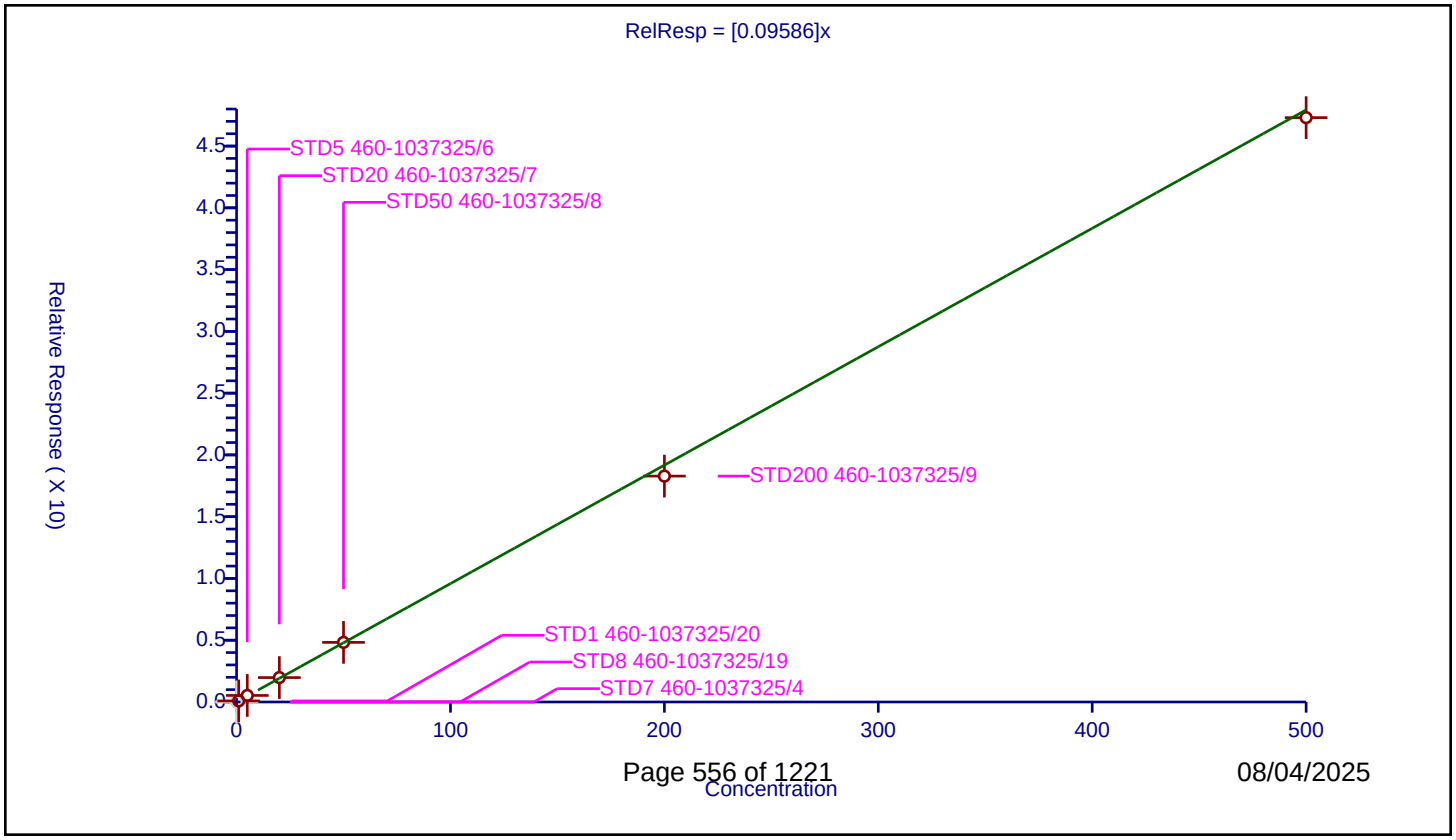
Curve Coefficients

Intercept:	0
Slope:	0.09586

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.087804	50.0	530729.0	0.087804	Y
4	STD5 460-1037325/6	5.0	0.529804	50.0	516323.0	0.105961	Y
5	STD20 460-1037325/7	20.0	1.976919	50.0	511503.0	0.098846	Y
6	STD50 460-1037325/8	50.0	4.825519	50.0	509282.0	0.09651	Y
7	STD200 460-1037325/9	200.0	18.283591	50.0	502322.0	0.091418	Y
8	STD500 460-1037325/10	500.0	47.30349	50.0	511476.0	0.094607	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

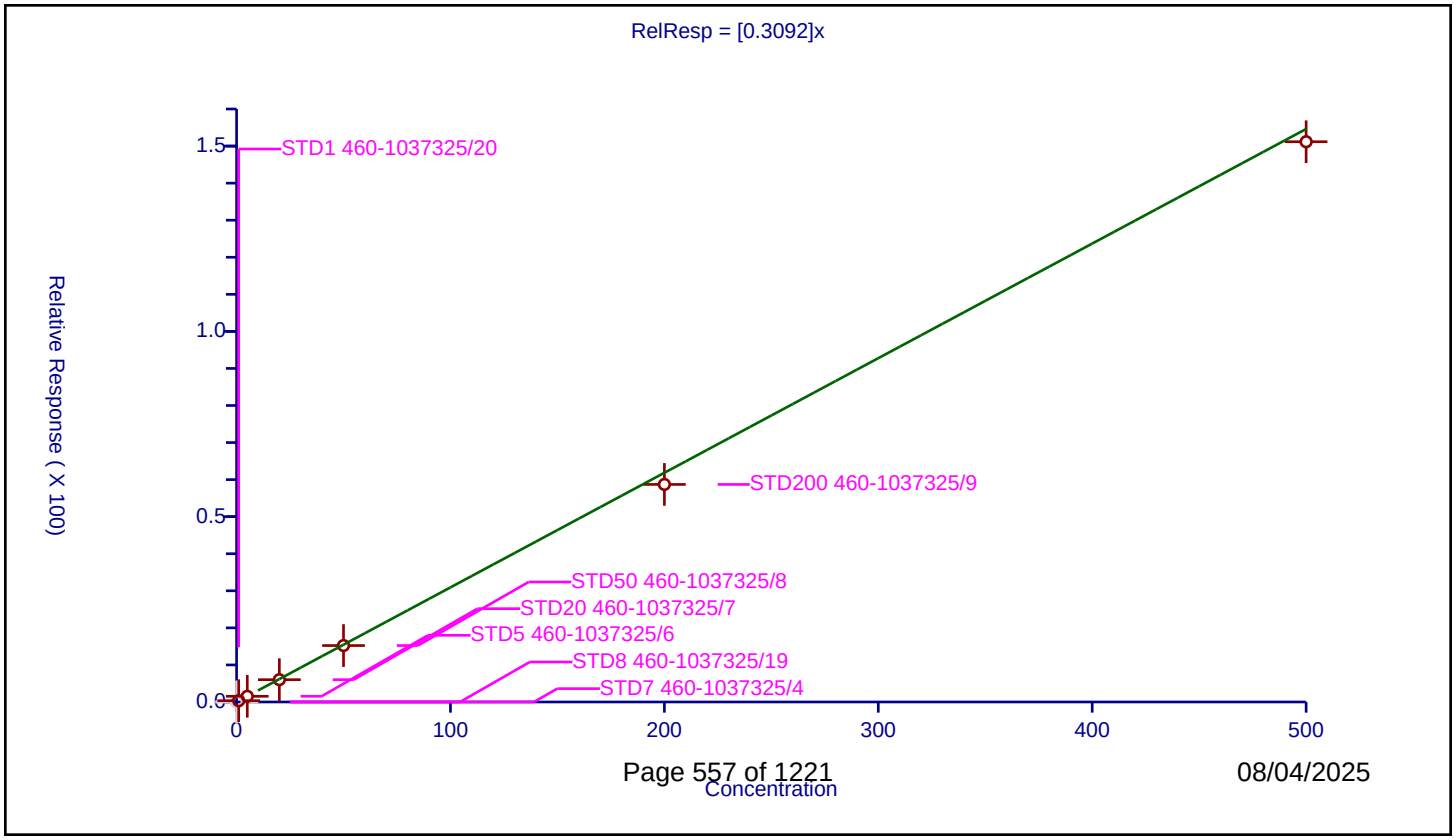
Curve Coefficients

Intercept:	0
Slope:	0.3092

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.346599	50.0	530729.0	0.346599	Y
4	STD5 460-1037325/6	5.0	1.536829	50.0	516323.0	0.307366	Y
5	STD20 460-1037325/7	20.0	6.018244	50.0	511503.0	0.300912	Y
6	STD50 460-1037325/8	50.0	15.231934	50.0	509282.0	0.304639	Y
7	STD200 460-1037325/9	200.0	58.700395	50.0	502322.0	0.293502	Y
8	STD500 460-1037325/10	500.0	151.173858	50.0	511476.0	0.302348	Y



Calibration / Ethyl acetate

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

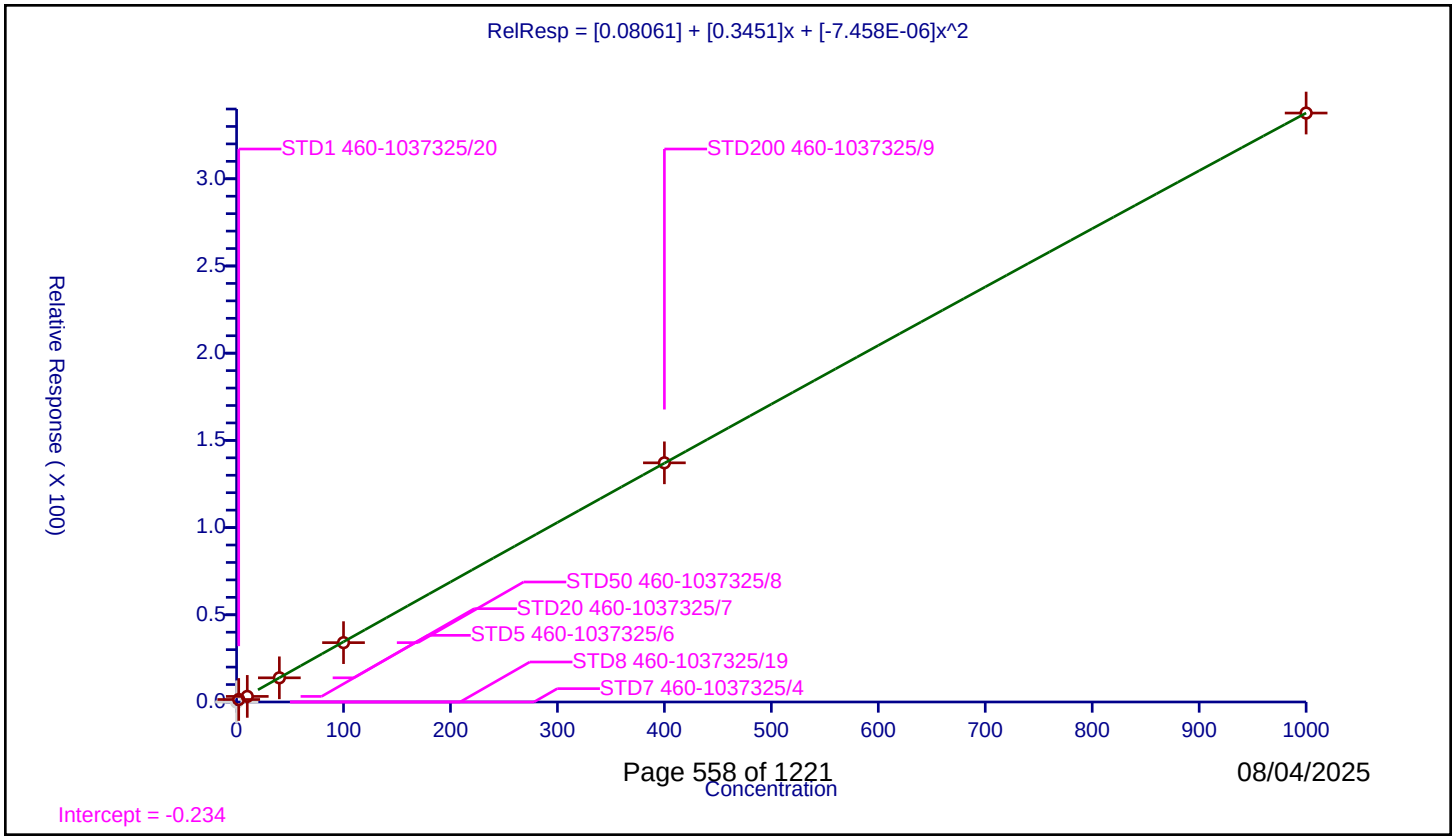
Curve Coefficients

Intercept:	0.08061
Slope:	0.3451
Second Order:	-7.458E-06

Error Coefficients

Relative Standard Deviation:	55.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	250.0	135237.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	250.0	146299.0	0.0	N
3	STD1 460-1037325/20	2.0	1.431573	250.0	140405.0	0.715786	Y
4	STD5 460-1037325/6	10.0	3.209894	250.0	136531.0	0.320989	Y
5	STD20 460-1037325/7	40.0	13.857589	250.0	138444.0	0.34644	Y
6	STD50 460-1037325/8	100.0	34.02236	250.0	135602.0	0.340224	Y
7	STD200 460-1037325/9	400.0	137.122974	250.0	131125.0	0.342807	Y
8	STD500 460-1037325/10	1000.0	337.696895	250.0	140176.0	0.337697	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

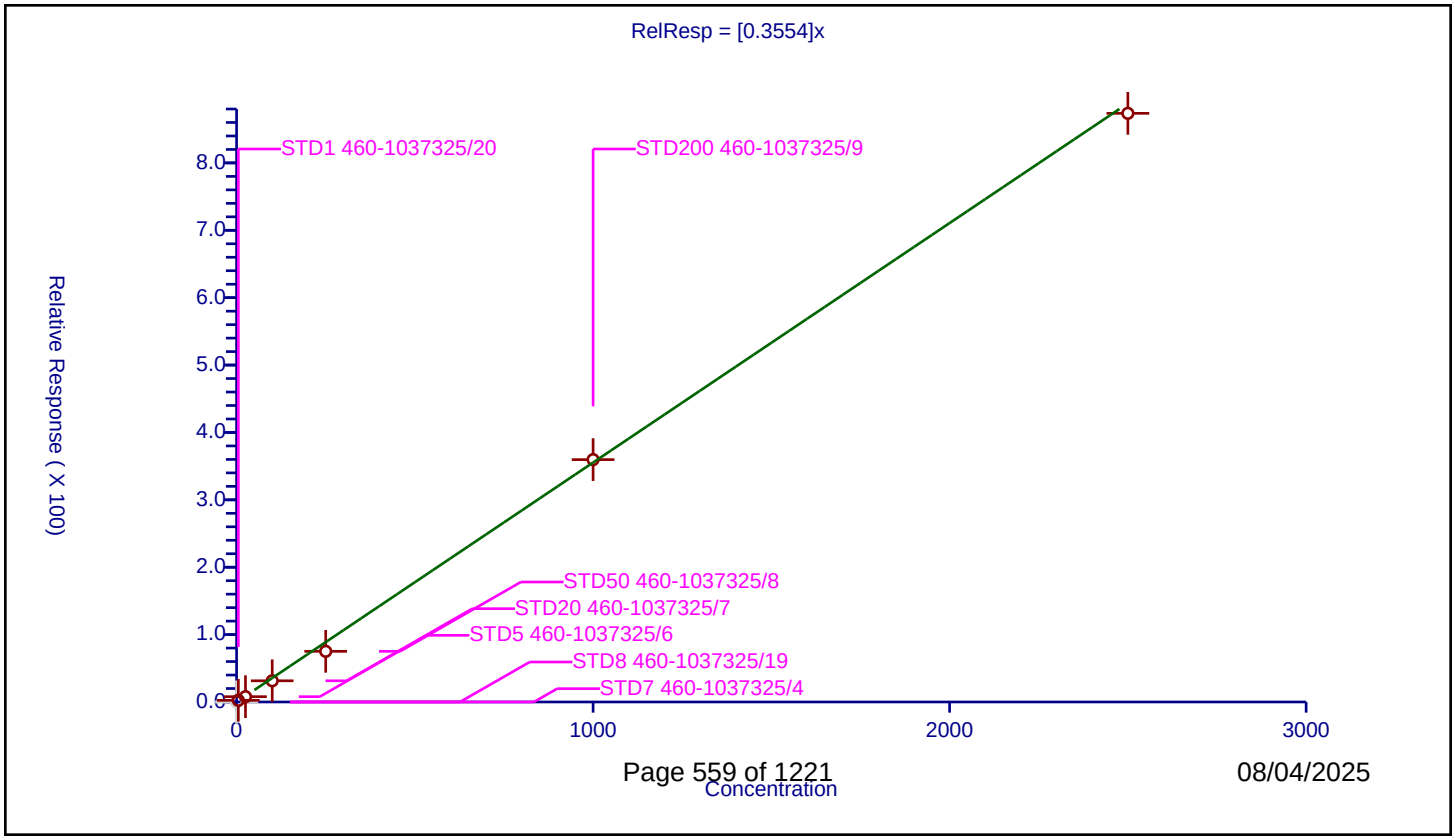
Curve Coefficients

Intercept:	0
Slope:	0.3554

Error Coefficients

Relative Standard Deviation:	19.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	250.0	135237.0	NaN	N
2	STD8 460-1037325/19	1.0	0.0	250.0	146299.0	0.0	N
3	STD1 460-1037325/20	5.0	2.457177	250.0	140405.0	0.491435	Y
4	STD5 460-1037325/6	25.0	7.90846	250.0	136531.0	0.316338	Y
5	STD20 460-1037325/7	100.0	31.458568	250.0	138444.0	0.314586	Y
6	STD50 460-1037325/8	250.0	75.188788	250.0	135602.0	0.300755	Y
7	STD200 460-1037325/9	1000.0	359.685415	250.0	131125.0	0.359685	Y
8	STD500 460-1037325/10	2500.0	873.571439	250.0	140176.0	0.349429	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

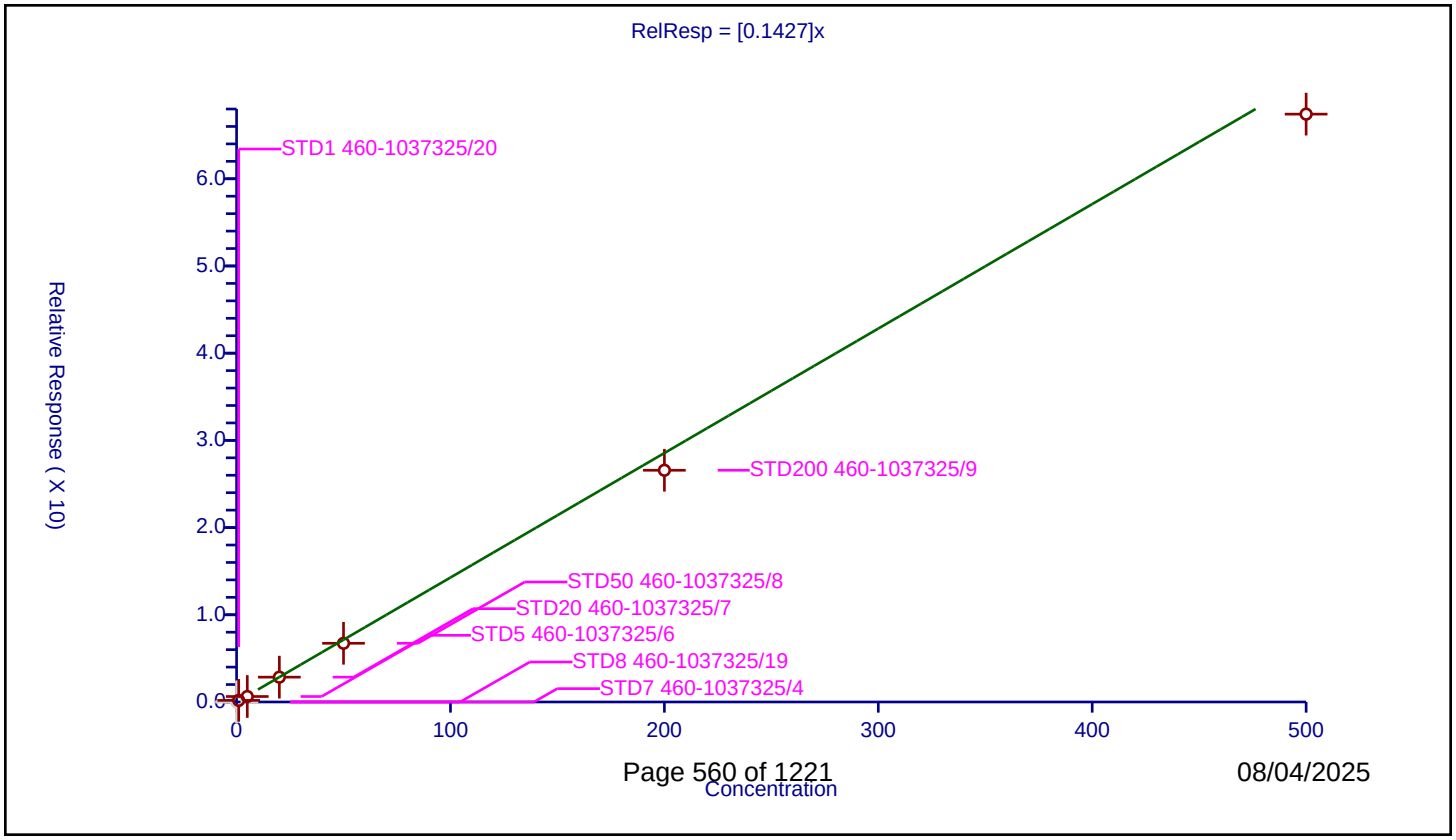
Curve Coefficients

Intercept:	0
Slope:	0.1427

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.185971	50.0	530729.0	0.185971	Y
4	STD5 460-1037325/6	5.0	0.629064	50.0	516323.0	0.125813	Y
5	STD20 460-1037325/7	20.0	2.847002	50.0	511503.0	0.14235	Y
6	STD50 460-1037325/8	50.0	6.731634	50.0	509282.0	0.134633	Y
7	STD200 460-1037325/9	200.0	26.572895	50.0	502322.0	0.132864	Y
8	STD500 460-1037325/10	500.0	67.413818	50.0	511476.0	0.134828	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

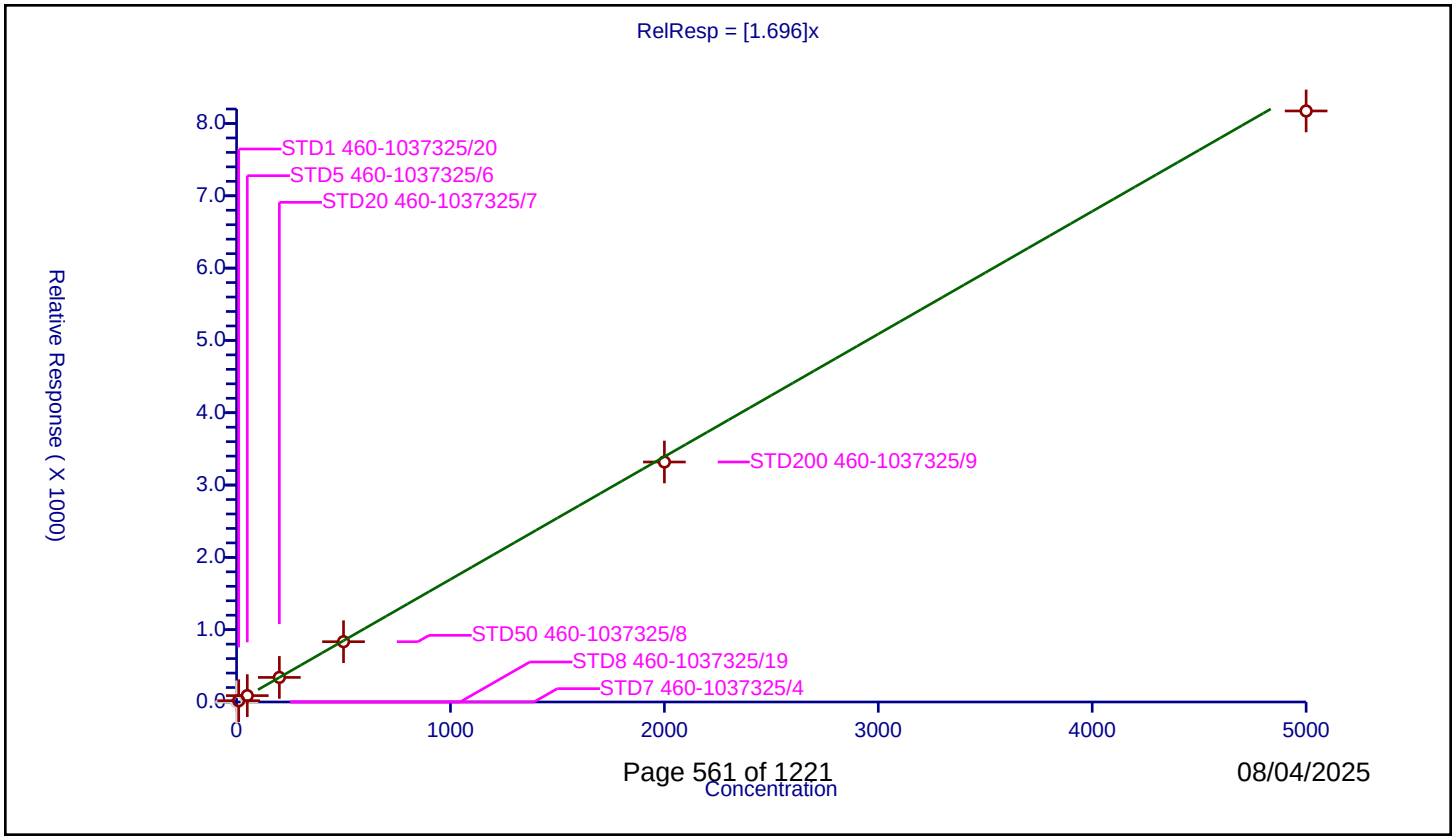
Curve Coefficients

Intercept:	0
Slope:	1.696

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	2.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	10.0	17.609764	1000.0	130439.0	1.760976	Y
4	STD5 460-1037325/6	50.0	87.81292	1000.0	117682.0	1.756258	Y
5	STD20 460-1037325/7	200.0	339.678663	1000.0	119563.0	1.698393	Y
6	STD50 460-1037325/8	500.0	833.605811	1000.0	118664.0	1.667212	Y
7	STD200 460-1037325/9	2000.0	3318.791243	1000.0	114564.0	1.659396	Y
8	STD500 460-1037325/10	5000.0	8172.934895	1000.0	120236.0	1.634587	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

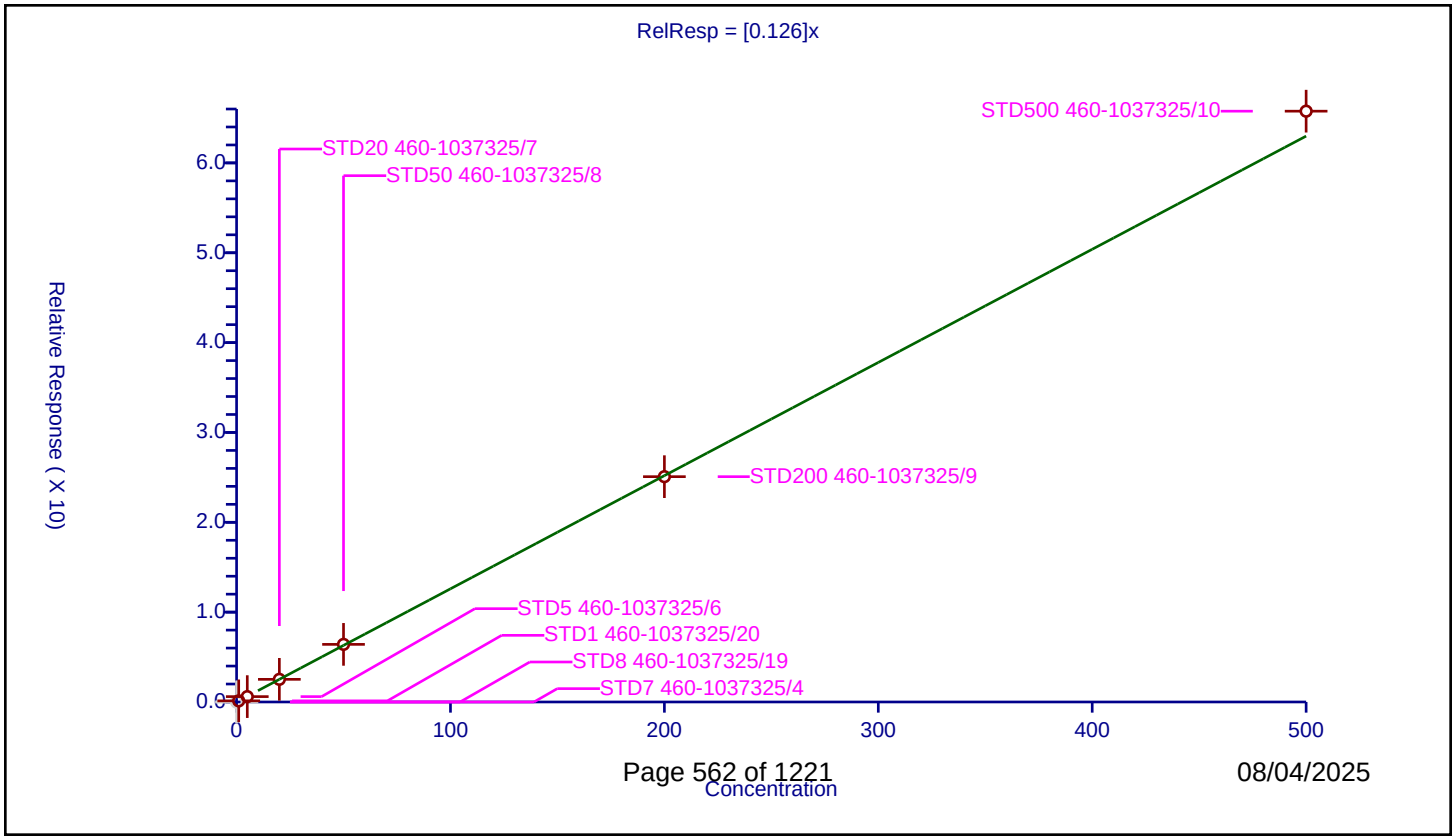
Curve Coefficients

Intercept:	0
Slope:	0.126

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.125205	50.0	530729.0	0.125205	Y
4	STD5 460-1037325/6	5.0	0.596719	50.0	516323.0	0.119344	Y
5	STD20 460-1037325/7	20.0	2.52237	50.0	511503.0	0.126119	Y
6	STD50 460-1037325/8	50.0	6.41187	50.0	509282.0	0.128237	Y
7	STD200 460-1037325/9	200.0	25.079431	50.0	502322.0	0.125397	Y
8	STD500 460-1037325/10	500.0	65.75939	50.0	511476.0	0.131519	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

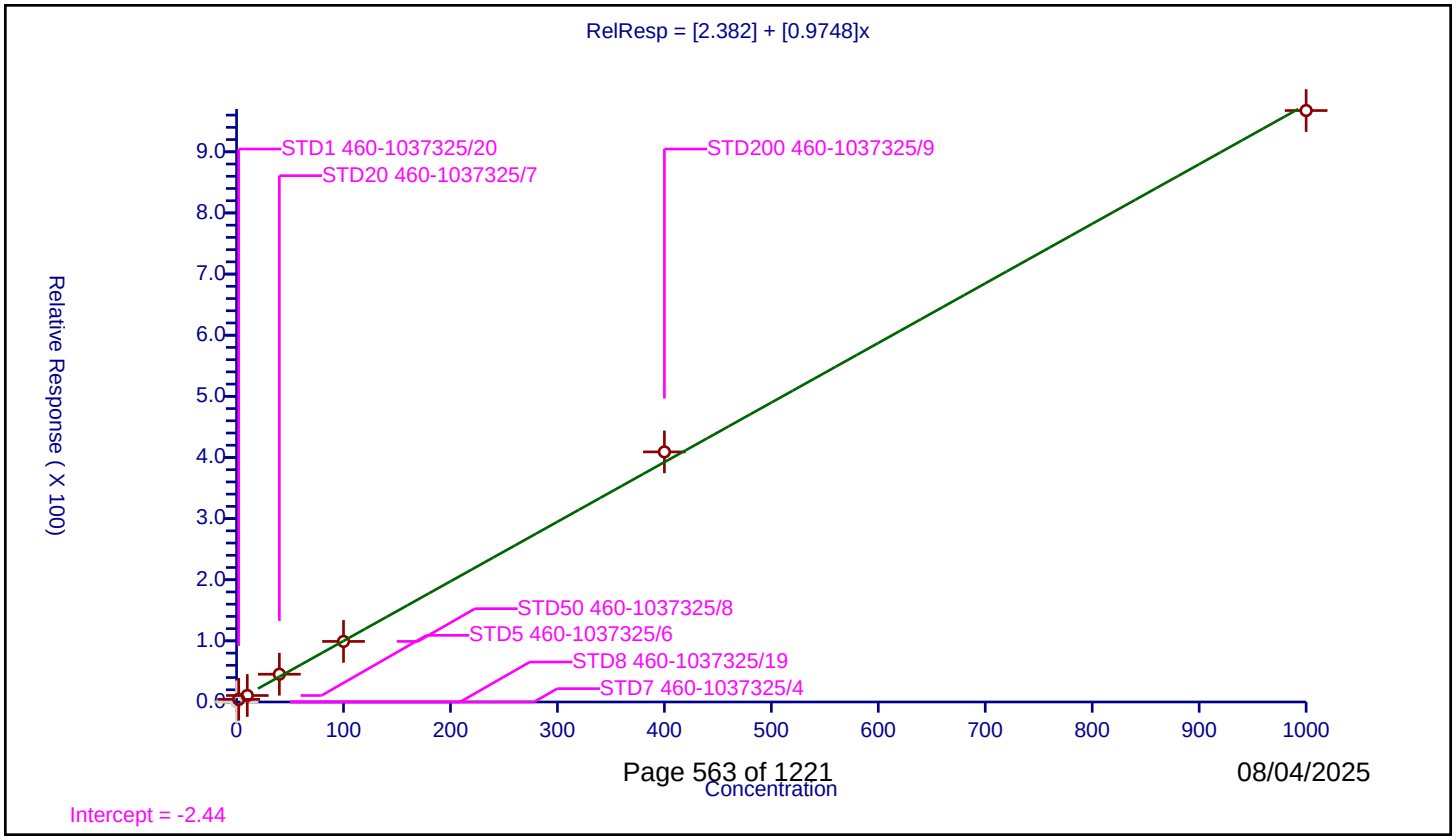
Curve Coefficients

Intercept:	2.382
Slope:	0.9748

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	250.0	135237.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	250.0	146299.0	0.0	N
3	STD1 460-1037325/20	2.0	4.381966	250.0	140405.0	2.190983	Y
4	STD5 460-1037325/6	10.0	10.616637	250.0	136531.0	1.061664	Y
5	STD20 460-1037325/7	40.0	45.437144	250.0	138444.0	1.135929	Y
6	STD50 460-1037325/8	100.0	99.087772	250.0	135602.0	0.990878	Y
7	STD200 460-1037325/9	400.0	409.128694	250.0	131125.0	1.022822	Y
8	STD500 460-1037325/10	1000.0	967.524755	250.0	140176.0	0.967525	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

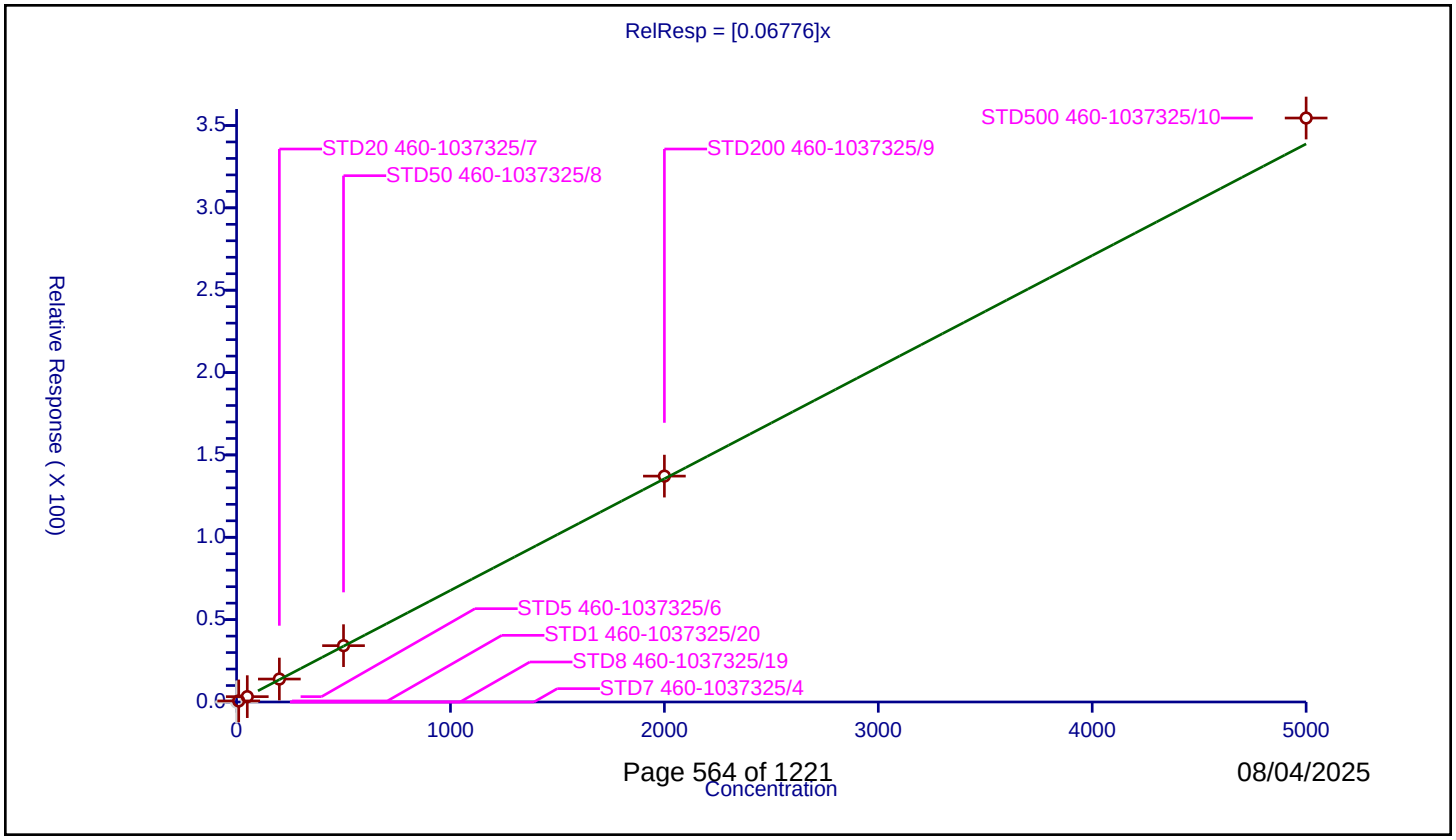
Curve Coefficients

Intercept:	0
Slope:	0.06776

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	2.0	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	10.0	0.642418	50.0	530729.0	0.064242	Y
4	STD5 460-1037325/6	50.0	3.239832	50.0	516323.0	0.064797	Y
5	STD20 460-1037325/7	200.0	13.932372	50.0	511503.0	0.069662	Y
6	STD50 460-1037325/8	500.0	34.199815	50.0	509282.0	0.0684	Y
7	STD200 460-1037325/9	2000.0	137.14032	50.0	502322.0	0.06857	Y
8	STD500 460-1037325/10	5000.0	354.52465	50.0	511476.0	0.070905	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

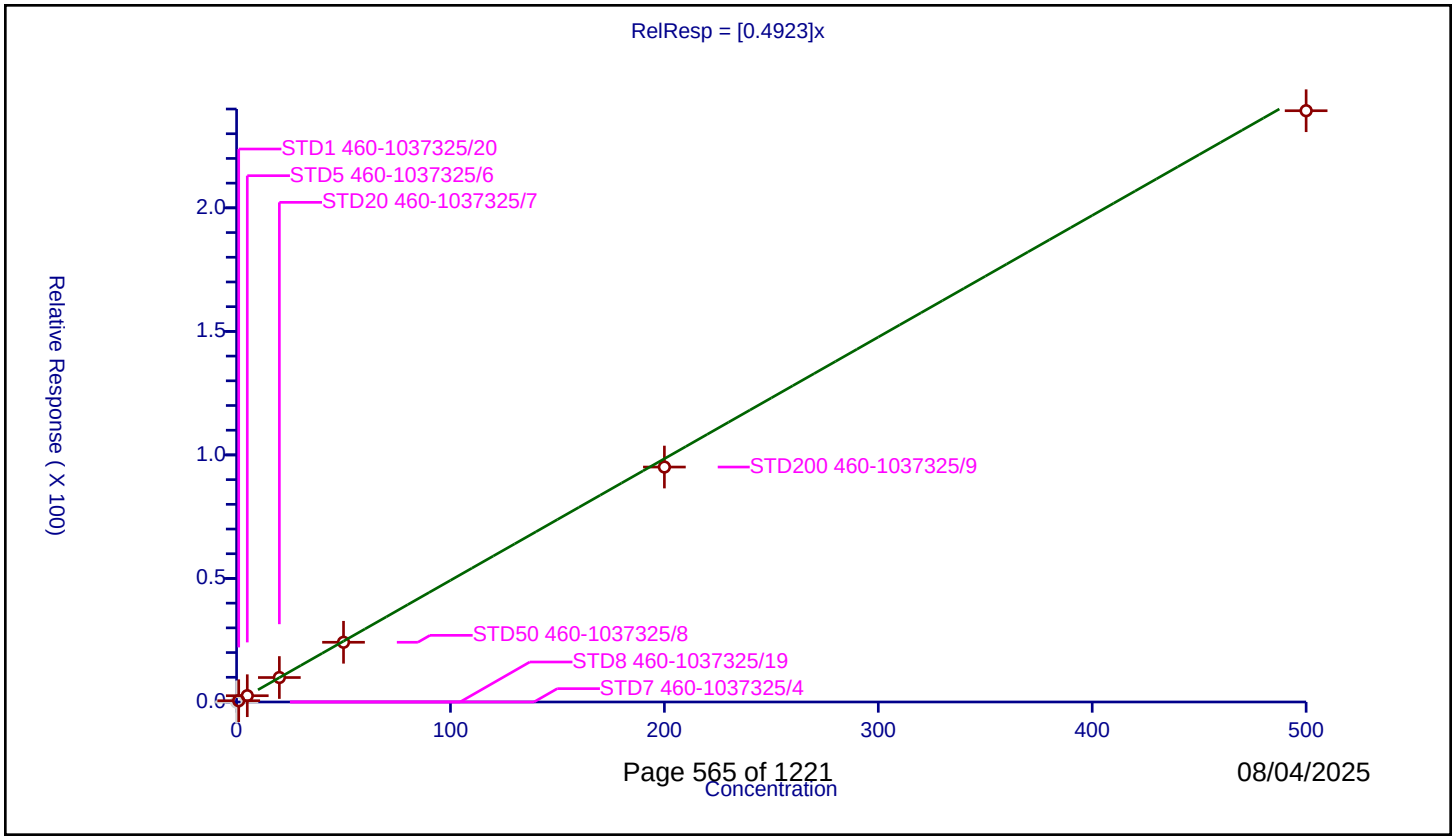
Curve Coefficients

Intercept:	0
Slope:	0.4923

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.512691	50.0	530729.0	0.512691	Y
4	STD5 460-1037325/6	5.0	2.544241	50.0	516323.0	0.508848	Y
5	STD20 460-1037325/7	20.0	9.898085	50.0	511503.0	0.494904	Y
6	STD50 460-1037325/8	50.0	24.16667	50.0	509282.0	0.483333	Y
7	STD200 460-1037325/9	200.0	95.093486	50.0	502322.0	0.475467	Y
8	STD500 460-1037325/10	500.0	239.312304	50.0	511476.0	0.478625	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

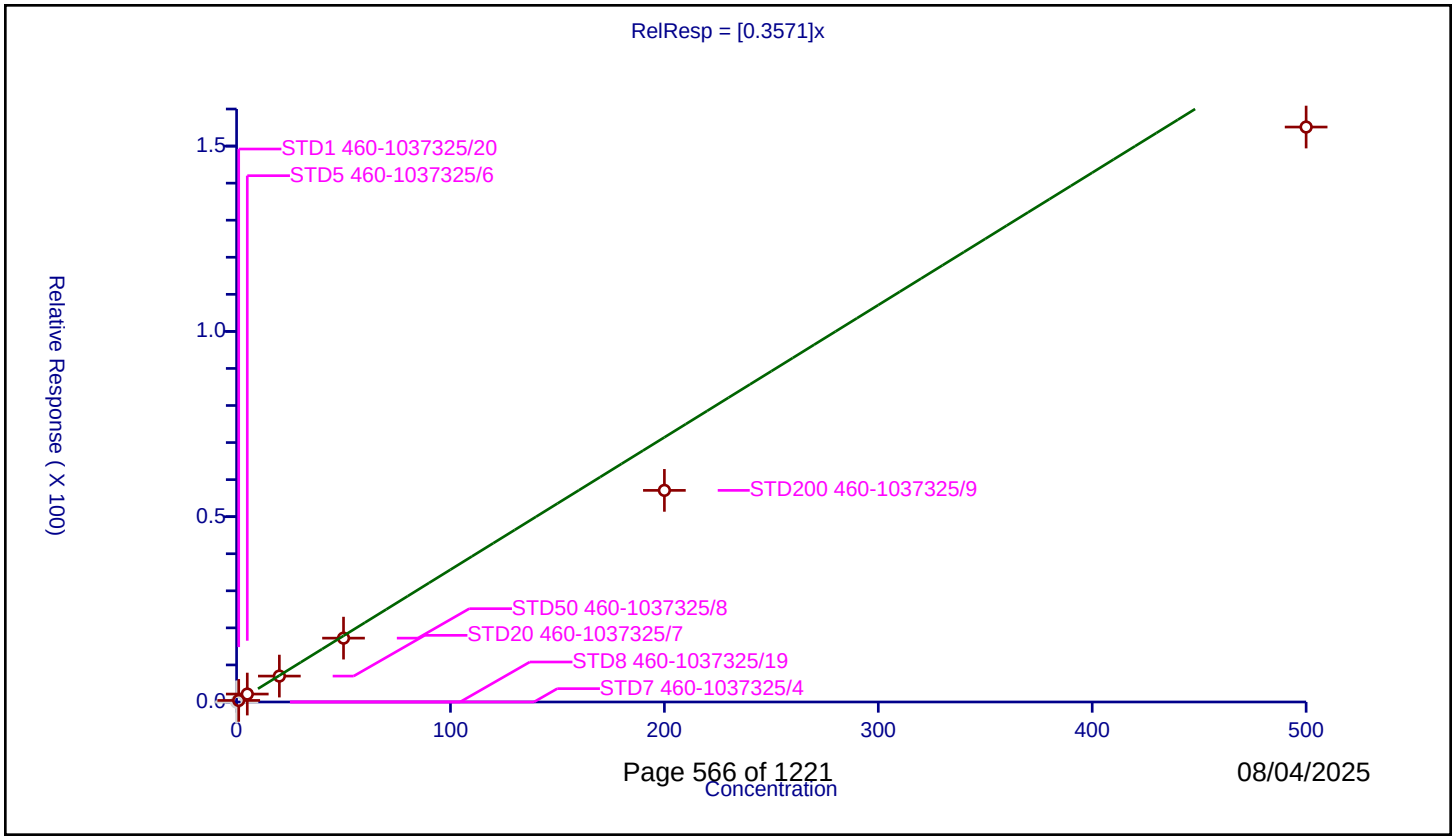
Curve Coefficients

Intercept:	0
Slope:	0.3571

Error Coefficients

Relative Standard Deviation:	16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.423757	50.0	530729.0	0.423757	Y
4	STD5 460-1037325/6	5.0	2.143135	50.0	516323.0	0.428627	Y
5	STD20 460-1037325/7	20.0	6.992139	50.0	511503.0	0.349607	Y
6	STD50 460-1037325/8	50.0	17.227096	50.0	509282.0	0.344542	Y
7	STD200 460-1037325/9	200.0	57.101122	50.0	502322.0	0.285506	Y
8	STD500 460-1037325/10	500.0	155.137387	50.0	511476.0	0.310275	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

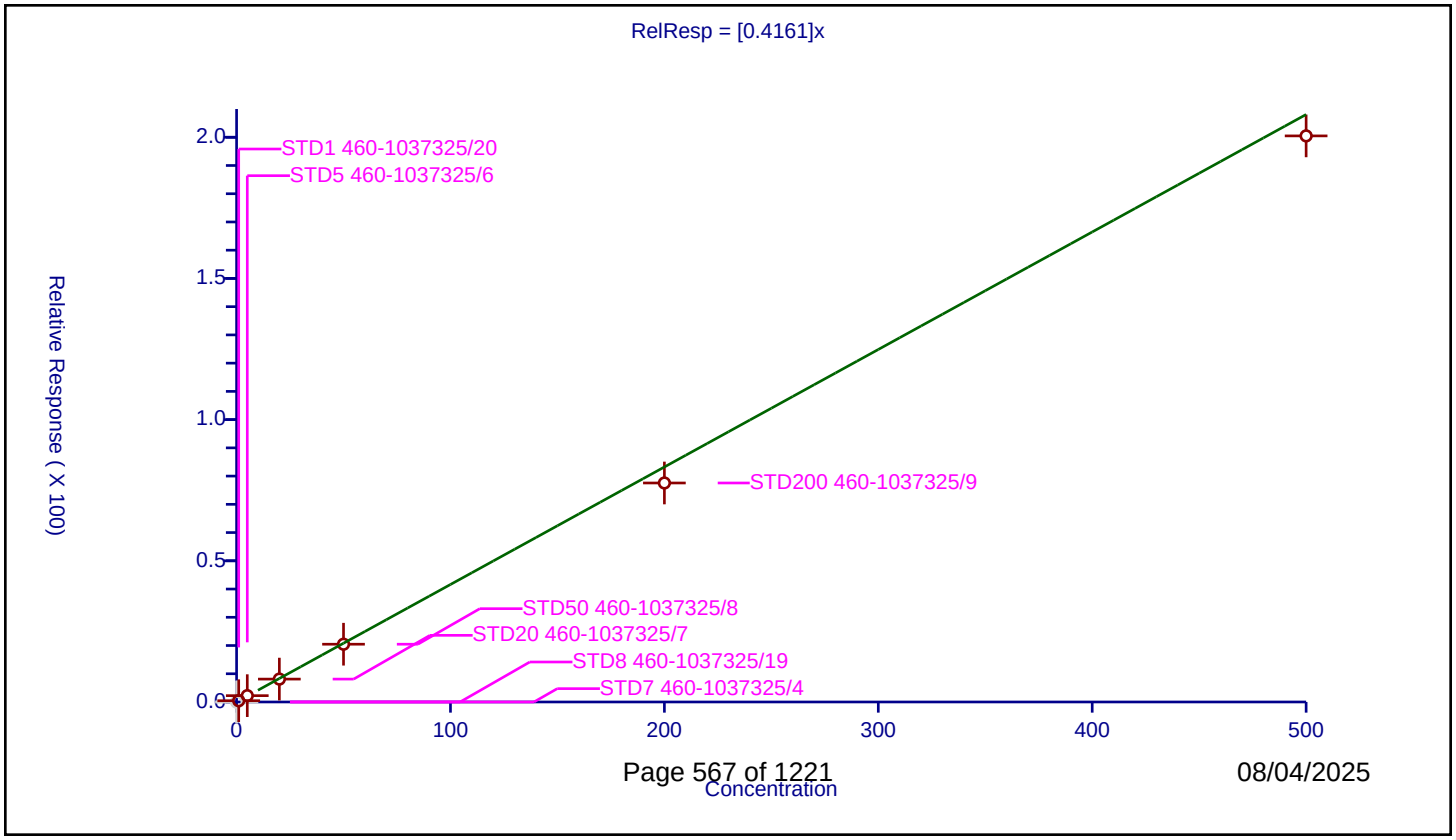
Curve Coefficients

Intercept:	0
Slope:	0.4161

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.444954	50.0	530729.0	0.444954	Y
4	STD5 460-1037325/6	5.0	2.240845	50.0	516323.0	0.448169	Y
5	STD20 460-1037325/7	20.0	8.111878	50.0	511503.0	0.405594	Y
6	STD50 460-1037325/8	50.0	20.46489	50.0	509282.0	0.409298	Y
7	STD200 460-1037325/9	200.0	77.556229	50.0	502322.0	0.387781	Y
8	STD500 460-1037325/10	500.0	200.484089	50.0	511476.0	0.400968	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

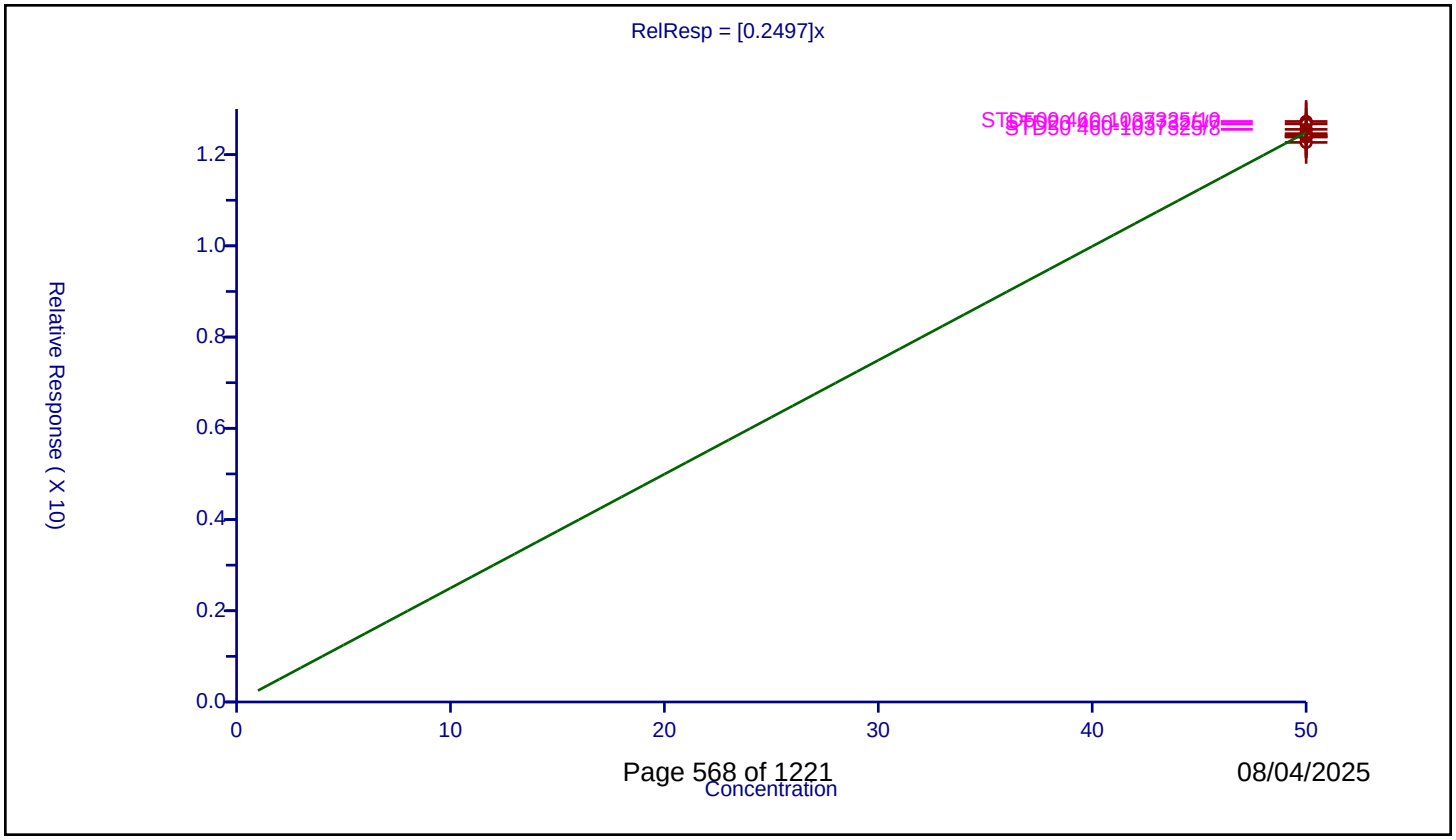
Curve Coefficients

Intercept:	0
Slope:	0.2497

Error Coefficients

Relative Standard Deviation:	1.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	50.0	12.388931	50.0	517583.0	0.247779	Y
2	STD5 460-1037325/6	50.0	12.388853	50.0	516323.0	0.247777	Y
3	STD20 460-1037325/7	50.0	12.673142	50.0	511503.0	0.253463	Y
4	STD50 460-1037325/8	50.0	12.554047	50.0	509282.0	0.251081	Y
5	STD200 460-1037325/9	50.0	12.268127	50.0	502322.0	0.245363	Y
6	STD500 460-1037325/10	50.0	12.727186	50.0	511476.0	0.254544	Y
7	STD8 460-1037325/19	50.0	12.460391	50.0	533651.0	0.249208	Y
8	STD1 460-1037325/20	50.0	12.427058	50.0	530729.0	0.248541	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

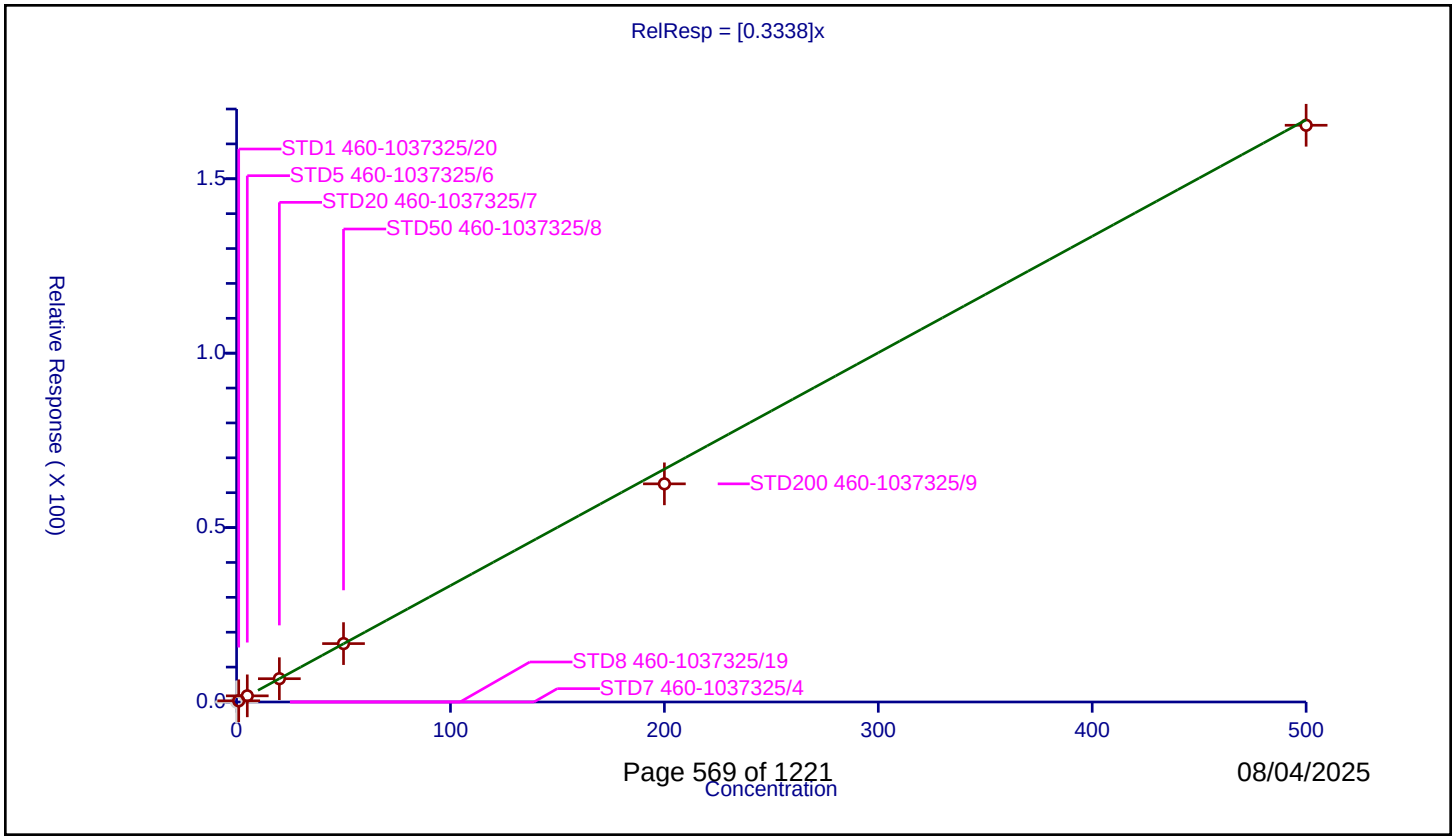
Curve Coefficients

Intercept:	0
Slope:	0.3338

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.338497	50.0	530729.0	0.338497	Y
4	STD5 460-1037325/6	5.0	1.761301	50.0	516323.0	0.35226	Y
5	STD20 460-1037325/7	20.0	6.676598	50.0	511503.0	0.33383	Y
6	STD50 460-1037325/8	50.0	16.737093	50.0	509282.0	0.334742	Y
7	STD200 460-1037325/9	200.0	62.537376	50.0	502322.0	0.312687	Y
8	STD500 460-1037325/10	500.0	165.344317	50.0	511476.0	0.330689	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

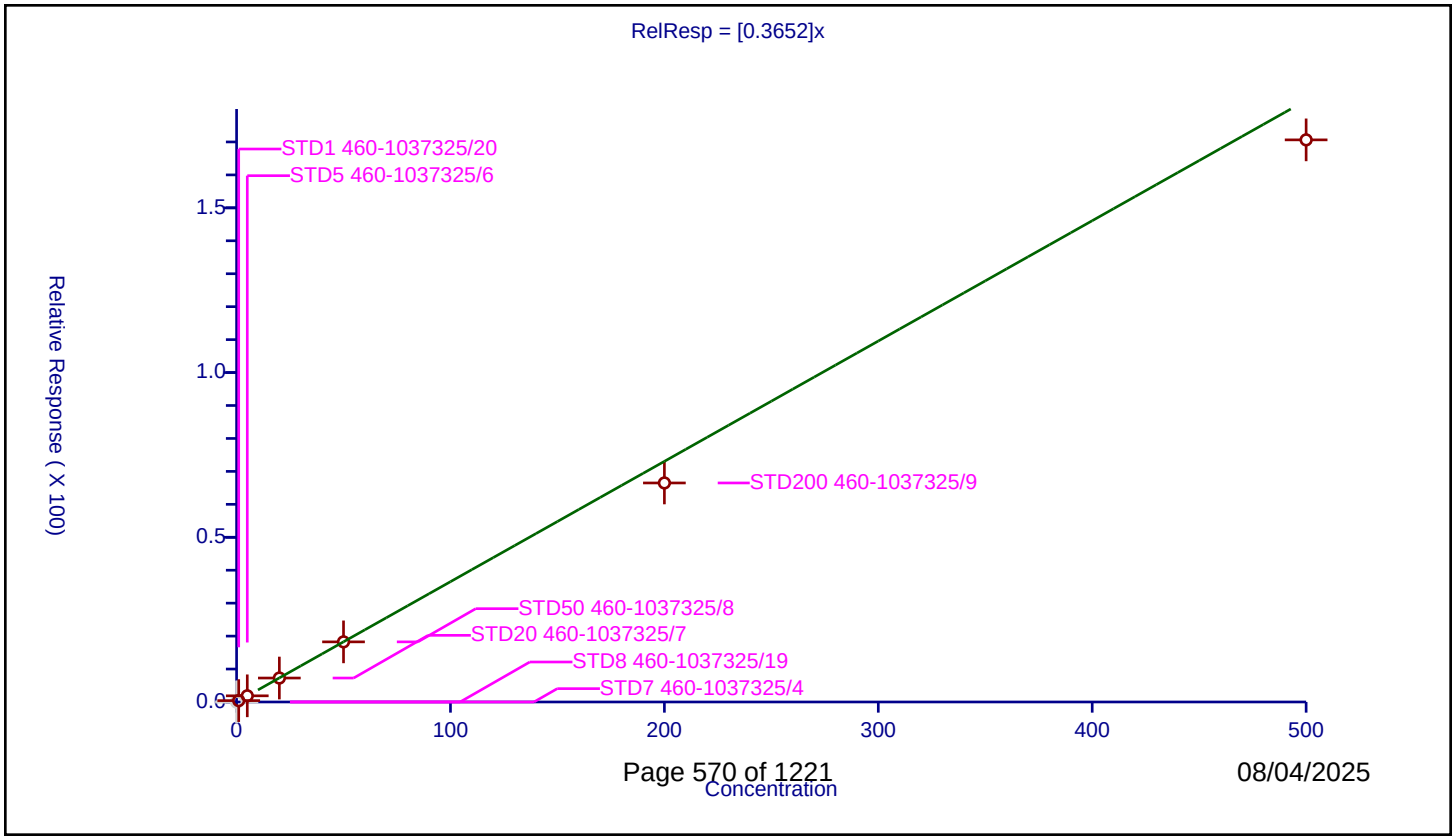
Curve Coefficients

Intercept:	0
Slope:	0.3652

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.414053	50.0	530729.0	0.414053	Y
4	STD5 460-1037325/6	5.0	1.875764	50.0	516323.0	0.375153	Y
5	STD20 460-1037325/7	20.0	7.269361	50.0	511503.0	0.363468	Y
6	STD50 460-1037325/8	50.0	18.251872	50.0	509282.0	0.365037	Y
7	STD200 460-1037325/9	200.0	66.487831	50.0	502322.0	0.332439	Y
8	STD500 460-1037325/10	500.0	170.634399	50.0	511476.0	0.341269	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

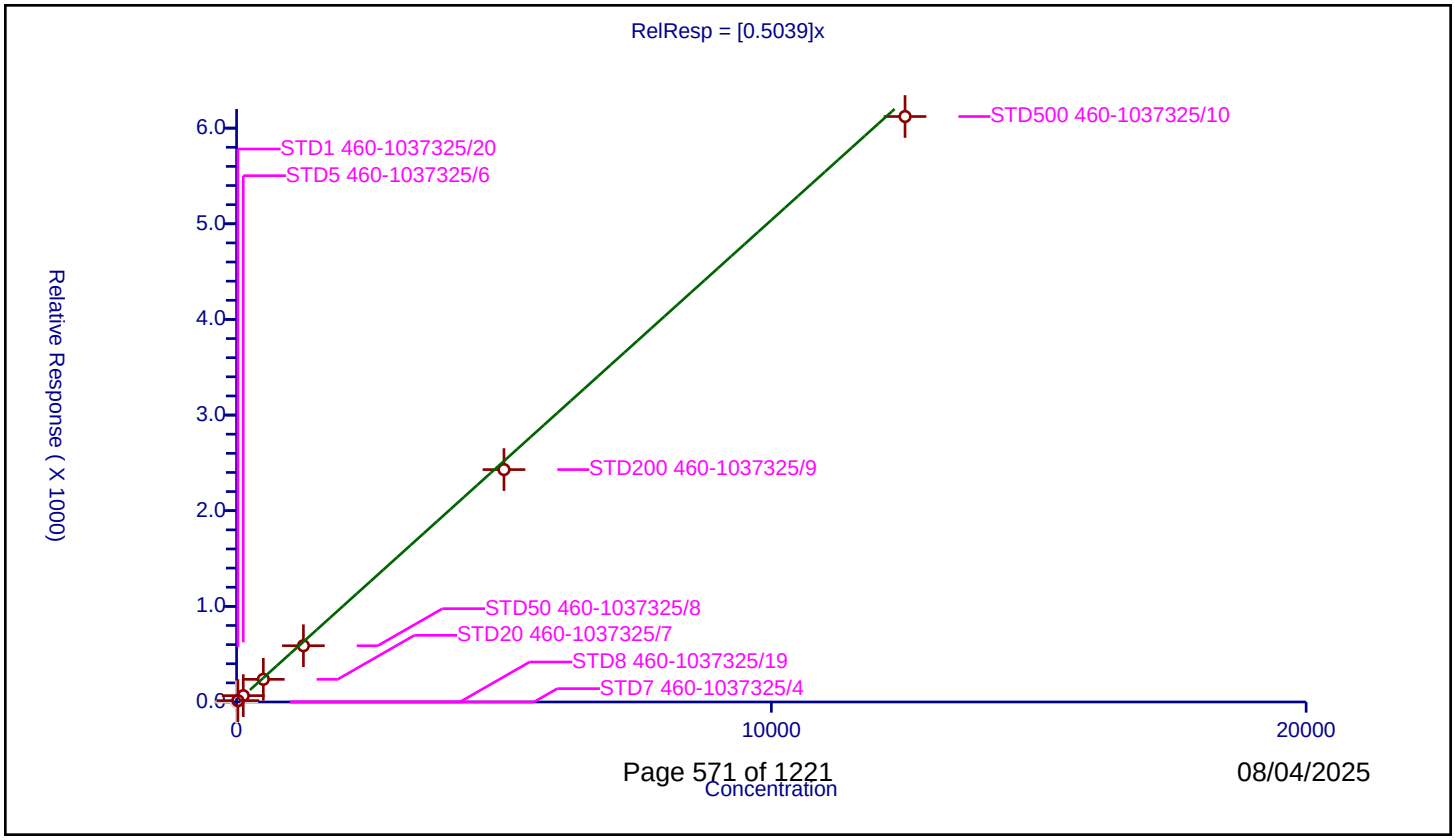
Curve Coefficients

Intercept:	0
Slope:	0.5039

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	5.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	25.0	14.34387	1000.0	130439.0	0.573755	Y
4	STD5 460-1037325/6	125.0	66.178345	1000.0	117682.0	0.529427	Y
5	STD20 460-1037325/7	500.0	236.979668	1000.0	119563.0	0.473959	Y
6	STD50 460-1037325/8	1250.0	588.046922	1000.0	118664.0	0.470438	Y
7	STD200 460-1037325/9	5000.0	2429.820886	1000.0	114564.0	0.485964	Y
8	STD500 460-1037325/10	12500.0	6121.710636	1000.0	120236.0	0.489737	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

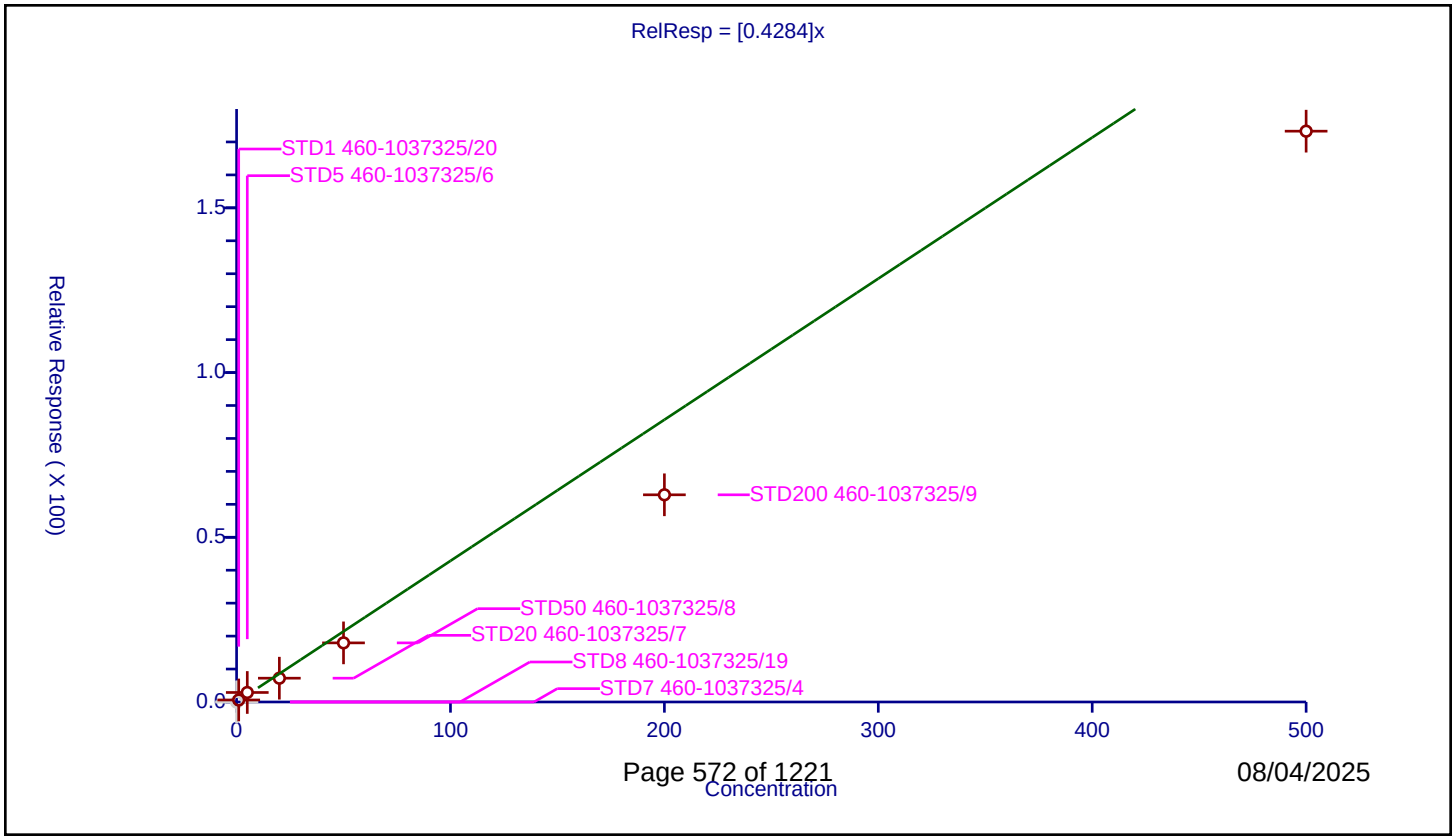
Curve Coefficients

Intercept:	0
Slope:	0.4284

Error Coefficients

Relative Standard Deviation:	30.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.6118	50.0	530729.0	0.6118	Y
4	STD5 460-1037325/6	5.0	2.886953	50.0	516323.0	0.577391	Y
5	STD20 460-1037325/7	20.0	7.223907	50.0	511503.0	0.361195	Y
6	STD50 460-1037325/8	50.0	17.943693	50.0	509282.0	0.358874	Y
7	STD200 460-1037325/9	200.0	62.892925	50.0	502322.0	0.314465	Y
8	STD500 460-1037325/10	500.0	173.276948	50.0	511476.0	0.346554	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

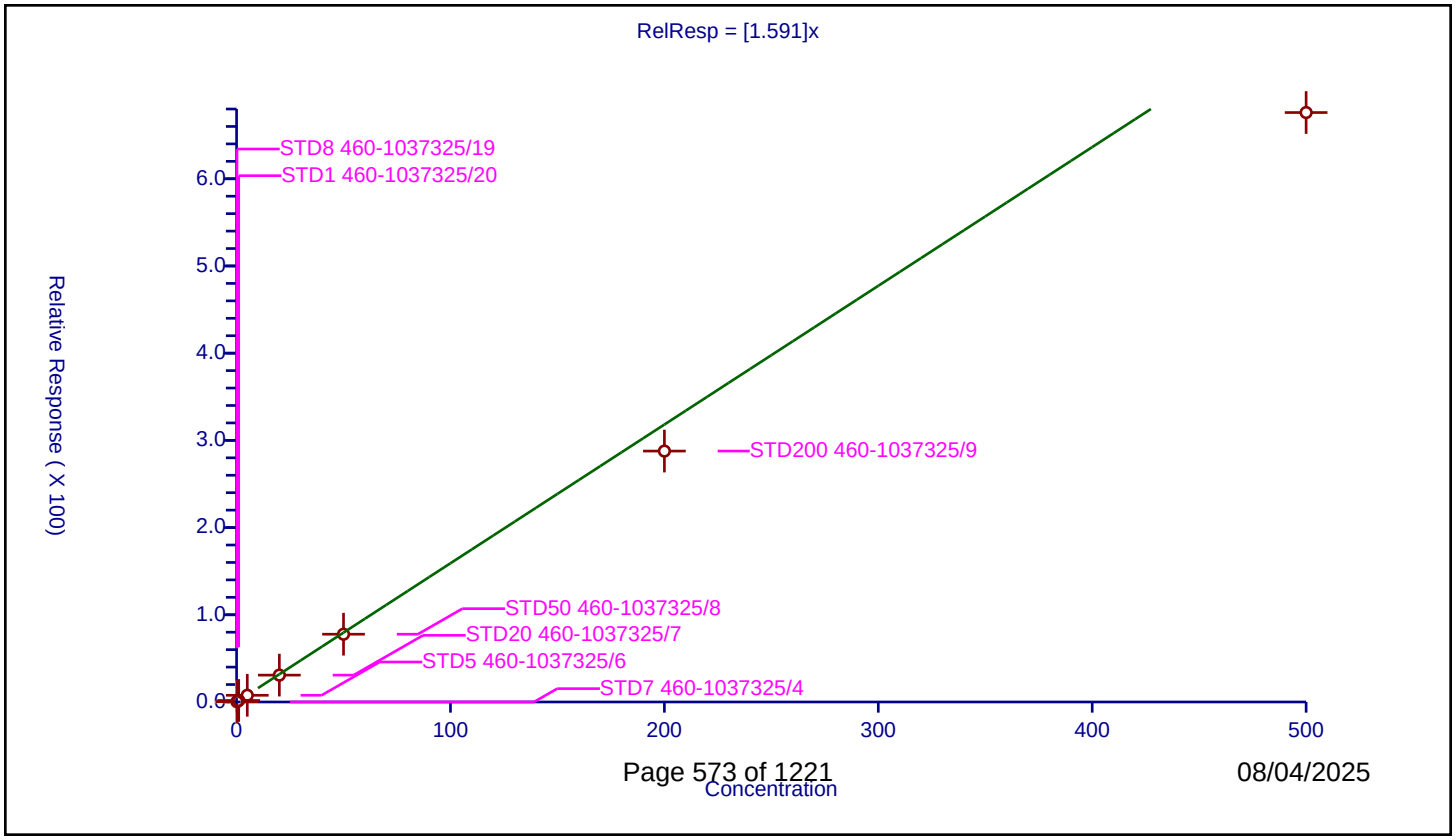
Curve Coefficients

Intercept:	0
Slope:	1.591

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.39796	50.0	365489.0	1.9898	Y
3	STD1 460-1037325/20	1.0	1.718796	50.0	364092.0	1.718796	Y
4	STD5 460-1037325/6	5.0	7.704852	50.0	356879.0	1.54097	Y
5	STD20 460-1037325/7	20.0	30.824361	50.0	359078.0	1.541218	Y
6	STD50 460-1037325/8	50.0	77.729084	50.0	352316.0	1.554582	Y
7	STD200 460-1037325/9	200.0	287.744944	50.0	360541.0	1.438725	Y
8	STD500 460-1037325/10	500.0	675.953135	50.0	386724.0	1.351906	Y



Calibration / Isopropyl acetate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

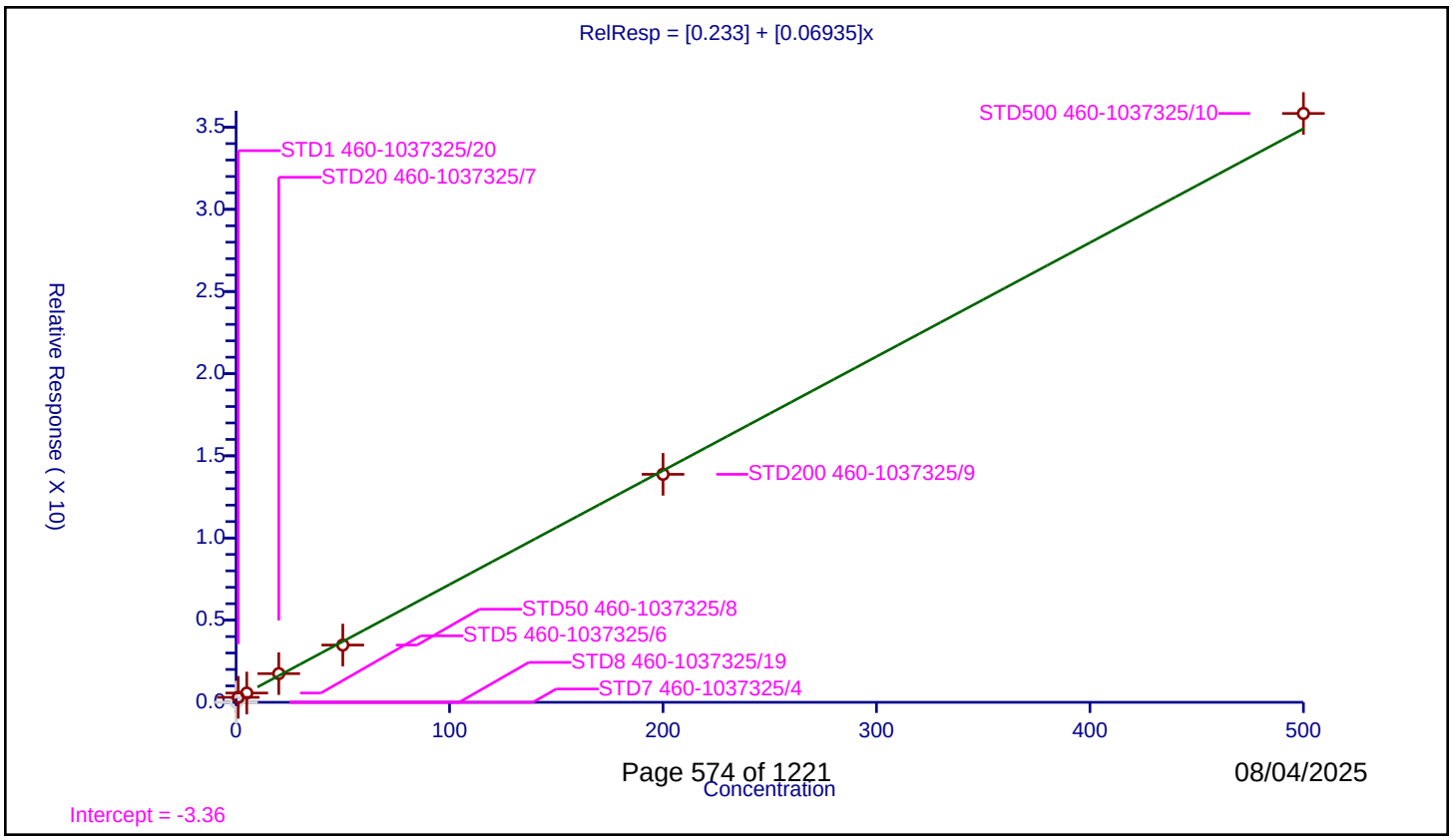
Curve Coefficients

Intercept:	0.233
Slope:	0.06935

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.302791	50.0	530729.0	0.302791	Y
4	STD5 460-1037325/6	5.0	0.564085	50.0	516323.0	0.112817	Y
5	STD20 460-1037325/7	20.0	1.746715	50.0	511503.0	0.087336	Y
6	STD50 460-1037325/8	50.0	3.485495	50.0	509282.0	0.06971	Y
7	STD200 460-1037325/9	200.0	13.875562	50.0	502322.0	0.069378	Y
8	STD500 460-1037325/10	500.0	35.83433	50.0	511476.0	0.071669	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

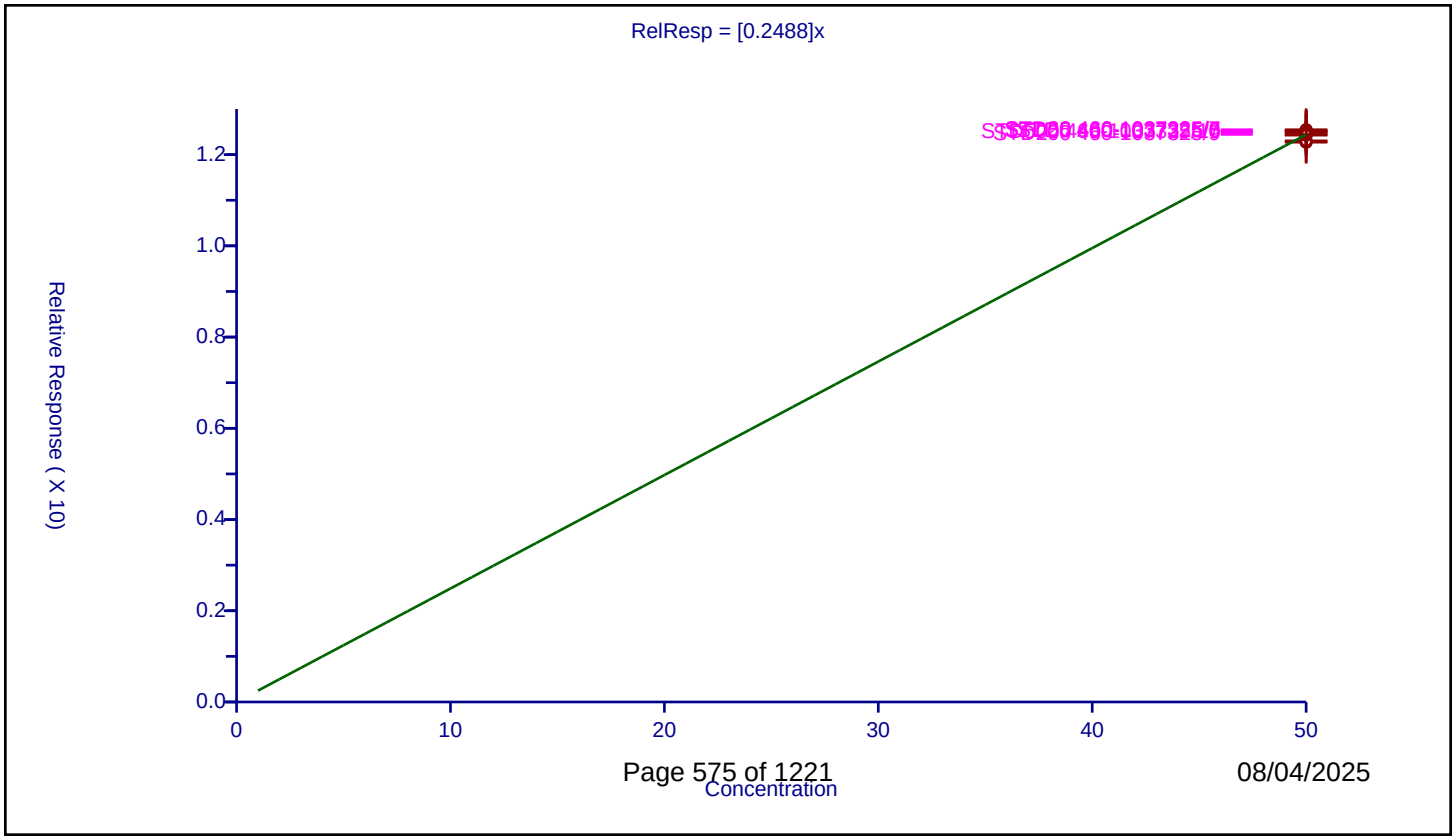
Curve Coefficients

Intercept:	0
Slope:	0.2488

Error Coefficients

Relative Standard Deviation:	0.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	50.0	12.301795	50.0	517583.0	0.246036	Y
2	STD5 460-1037325/6	50.0	12.512032	50.0	516323.0	0.250241	Y
3	STD20 460-1037325/7	50.0	12.545674	50.0	511503.0	0.250913	Y
4	STD50 460-1037325/8	50.0	12.510554	50.0	509282.0	0.250211	Y
5	STD200 460-1037325/9	50.0	12.443015	50.0	502322.0	0.24886	Y
6	STD500 460-1037325/10	50.0	12.490518	50.0	511476.0	0.24981	Y
7	STD8 460-1037325/19	50.0	12.272721	50.0	533651.0	0.245454	Y
8	STD1 460-1037325/20	50.0	12.426869	50.0	530729.0	0.248537	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

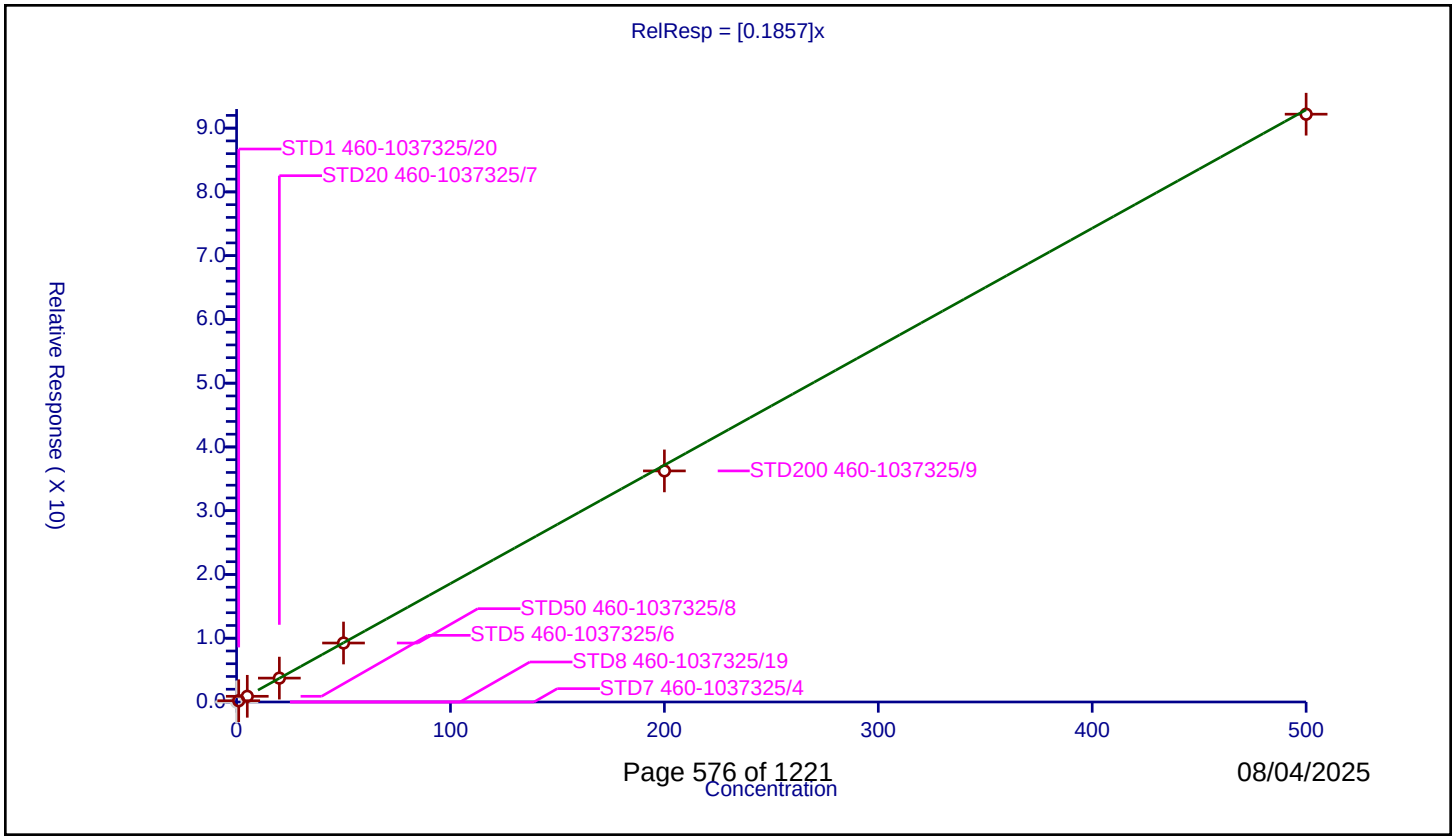
Curve Coefficients

Intercept:	0
Slope:	0.1857

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.198218	50.0	530729.0	0.198218	Y
4	STD5 460-1037325/6	5.0	0.892465	50.0	516323.0	0.178493	Y
5	STD20 460-1037325/7	20.0	3.744651	50.0	511503.0	0.187233	Y
6	STD50 460-1037325/8	50.0	9.248118	50.0	509282.0	0.184962	Y
7	STD200 460-1037325/9	200.0	36.240201	50.0	502322.0	0.181201	Y
8	STD500 460-1037325/10	500.0	92.187708	50.0	511476.0	0.184375	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

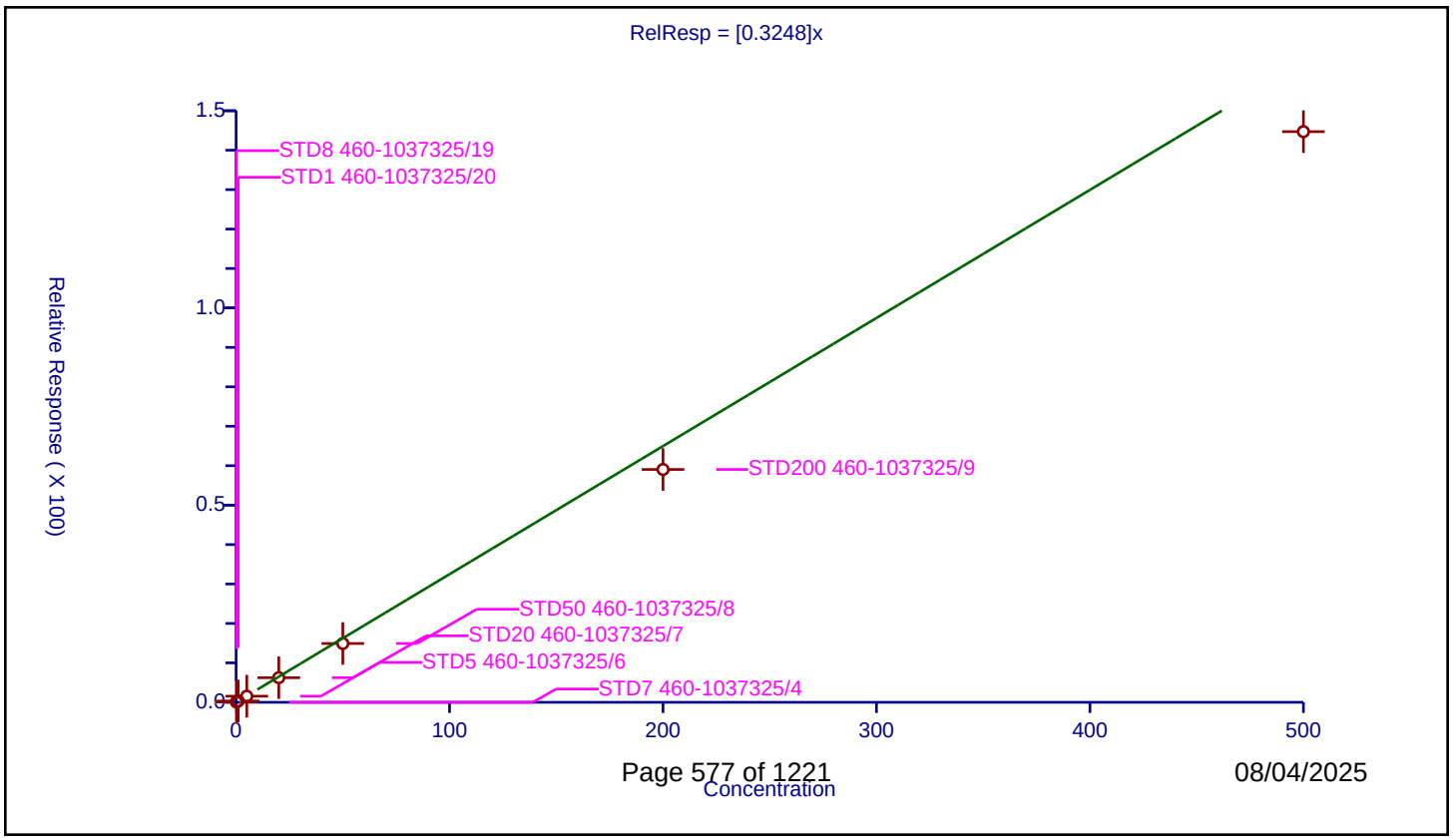
Curve Coefficients

Intercept:	0
Slope:	0.3248

Error Coefficients

Relative Standard Deviation:	16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.088354	50.0	533651.0	0.441768	Y
3	STD1 460-1037325/20	1.0	0.326061	50.0	530729.0	0.326061	Y
4	STD5 460-1037325/6	5.0	1.555615	50.0	516323.0	0.311123	Y
5	STD20 460-1037325/7	20.0	6.24317	50.0	511503.0	0.312158	Y
6	STD50 460-1037325/8	50.0	14.90952	50.0	509282.0	0.29819	Y
7	STD200 460-1037325/9	200.0	59.038824	50.0	502322.0	0.295194	Y
8	STD500 460-1037325/10	500.0	144.703955	50.0	511476.0	0.289408	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

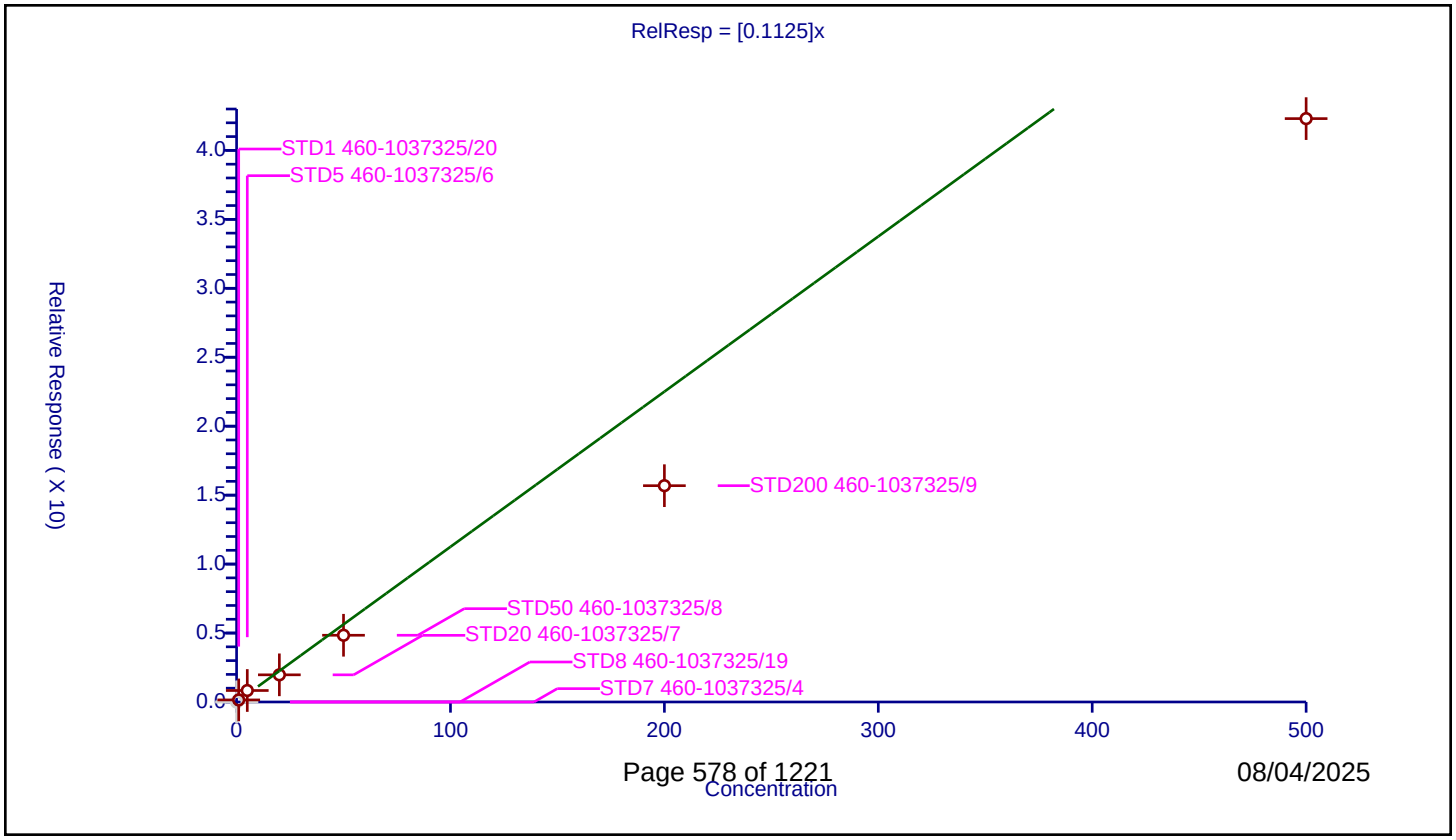
Curve Coefficients

Intercept:	0
Slope:	0.1125

Error Coefficients

Relative Standard Deviation:	32.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.150359	50.0	530729.0	0.150359	Y
4	STD5 460-1037325/6	5.0	0.832425	50.0	516323.0	0.166485	Y
5	STD20 460-1037325/7	20.0	1.969881	50.0	511503.0	0.098494	Y
6	STD50 460-1037325/8	50.0	4.839657	50.0	509282.0	0.096793	Y
7	STD200 460-1037325/9	200.0	15.686253	50.0	502322.0	0.078431	Y
8	STD500 460-1037325/10	500.0	42.303744	50.0	511476.0	0.084607	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

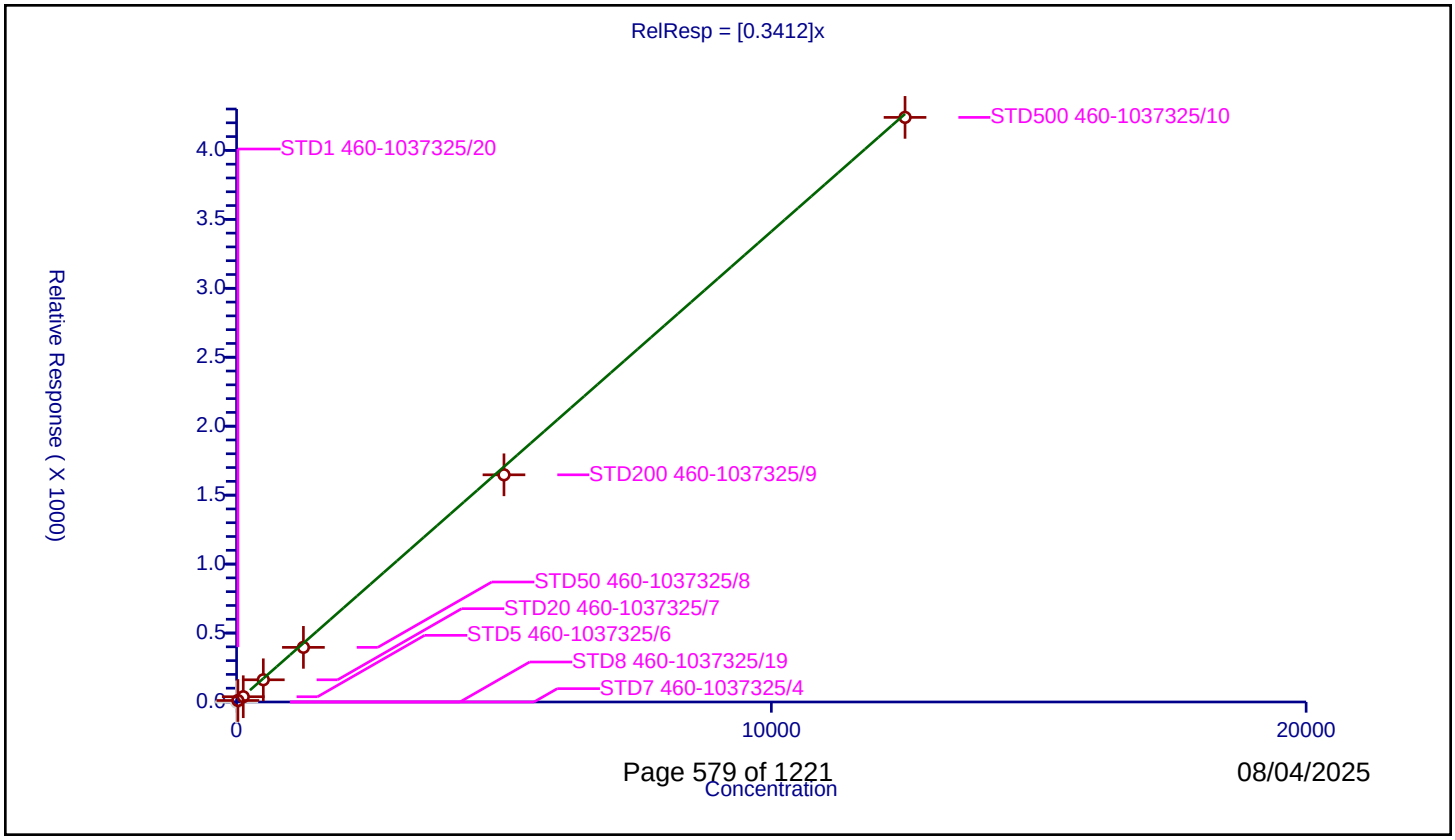
Curve Coefficients

Intercept:	0
Slope:	0.3412

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	5.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	25.0	10.83265	1000.0	130439.0	0.433306	Y
4	STD5 460-1037325/6	125.0	38.272633	1000.0	117682.0	0.306181	Y
5	STD20 460-1037325/7	500.0	160.986258	1000.0	119563.0	0.321973	Y
6	STD50 460-1037325/8	1250.0	396.067889	1000.0	118664.0	0.316854	Y
7	STD200 460-1037325/9	5000.0	1647.43724	1000.0	114564.0	0.329487	Y
8	STD500 460-1037325/10	12500.0	4239.18793	1000.0	120236.0	0.339135	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

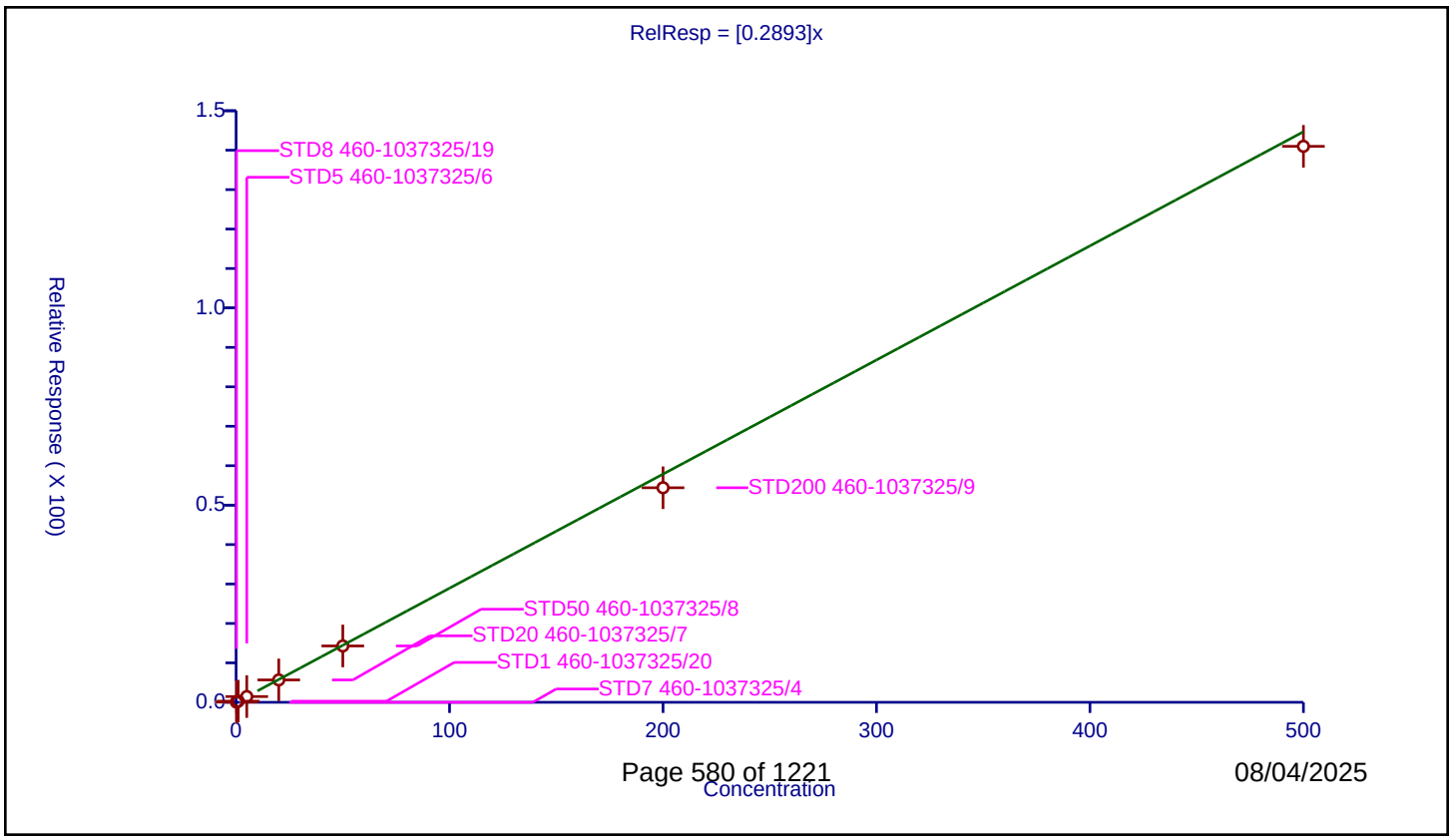
Curve Coefficients

Intercept:	0
Slope:	0.2893

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.064274	50.0	533651.0	0.321371	Y
3	STD1 460-1037325/20	1.0	0.287906	50.0	530729.0	0.287906	Y
4	STD5 460-1037325/6	5.0	1.462553	50.0	516323.0	0.292511	Y
5	STD20 460-1037325/7	20.0	5.676115	50.0	511503.0	0.283806	Y
6	STD50 460-1037325/8	50.0	14.29002	50.0	509282.0	0.2858	Y
7	STD200 460-1037325/9	200.0	54.404147	50.0	502322.0	0.272021	Y
8	STD500 460-1037325/10	500.0	140.981688	50.0	511476.0	0.281963	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

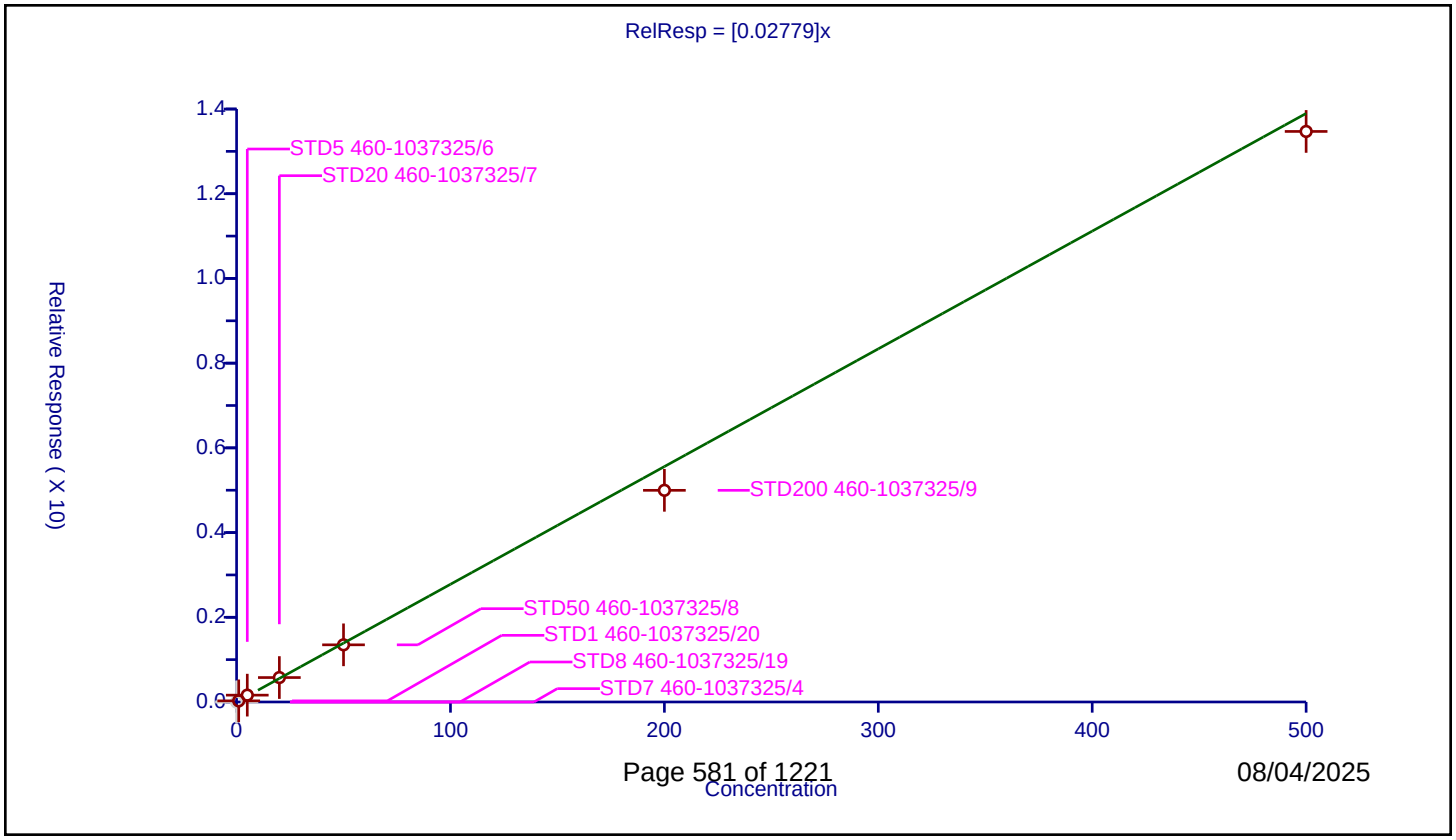
Curve Coefficients

Intercept:	0
Slope:	0.02779

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.026661	50.0	530729.0	0.026661	Y
4	STD5 460-1037325/6	5.0	0.161527	50.0	516323.0	0.032305	Y
5	STD20 460-1037325/7	20.0	0.57722	50.0	511503.0	0.028861	Y
6	STD50 460-1037325/8	50.0	1.349547	50.0	509282.0	0.026991	Y
7	STD200 460-1037325/9	200.0	4.997492	50.0	502322.0	0.024987	Y
8	STD500 460-1037325/10	500.0	13.47072	50.0	511476.0	0.026941	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

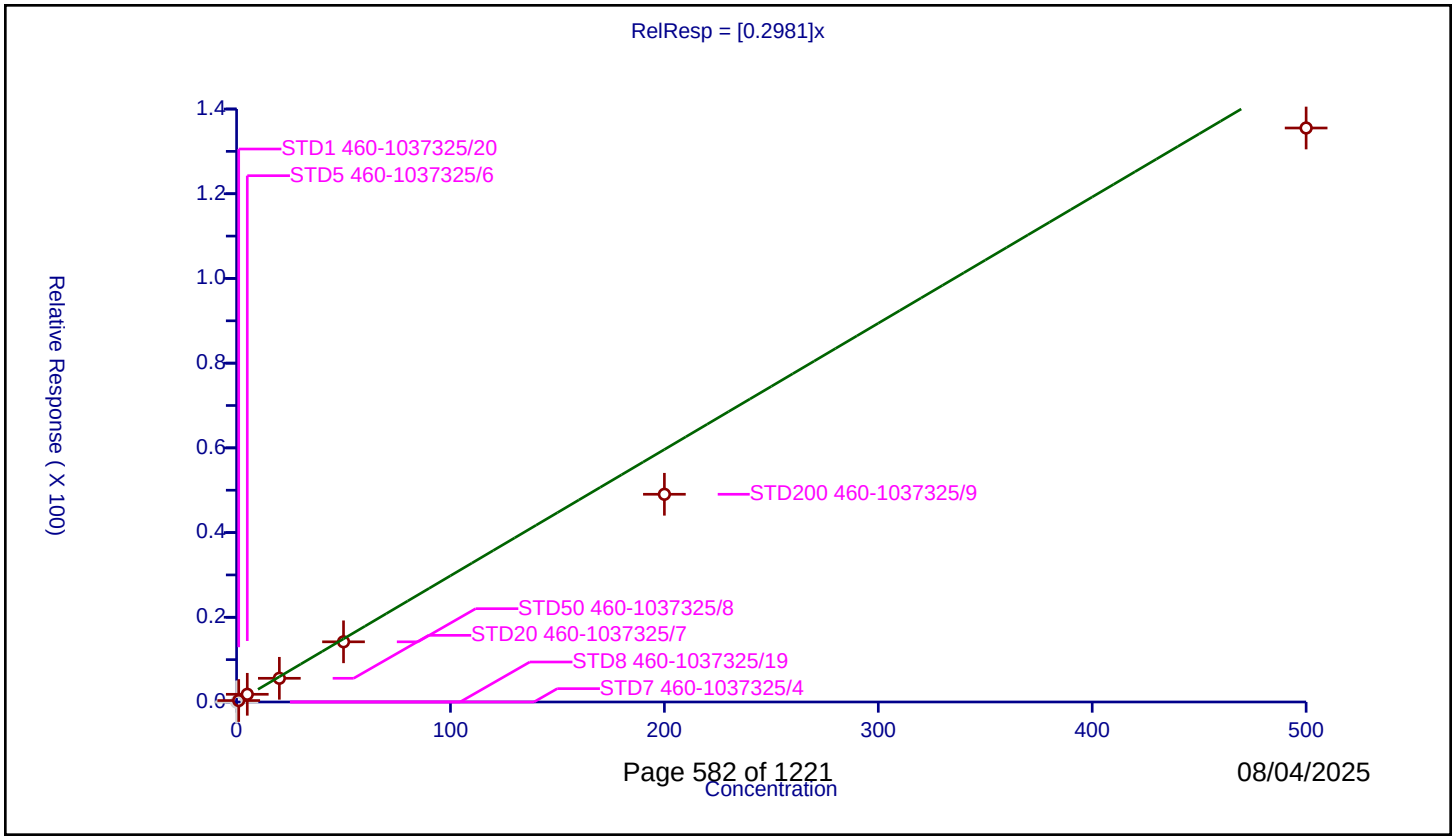
Curve Coefficients

Intercept:	0
Slope:	0.2981

Error Coefficients

Relative Standard Deviation:	15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.344715	50.0	530729.0	0.344715	Y
4	STD5 460-1037325/6	5.0	1.817564	50.0	516323.0	0.363513	Y
5	STD20 460-1037325/7	20.0	5.595862	50.0	511503.0	0.279793	Y
6	STD50 460-1037325/8	50.0	14.209613	50.0	509282.0	0.284192	Y
7	STD200 460-1037325/9	200.0	49.039162	50.0	502322.0	0.245196	Y
8	STD500 460-1037325/10	500.0	135.519164	50.0	511476.0	0.271038	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

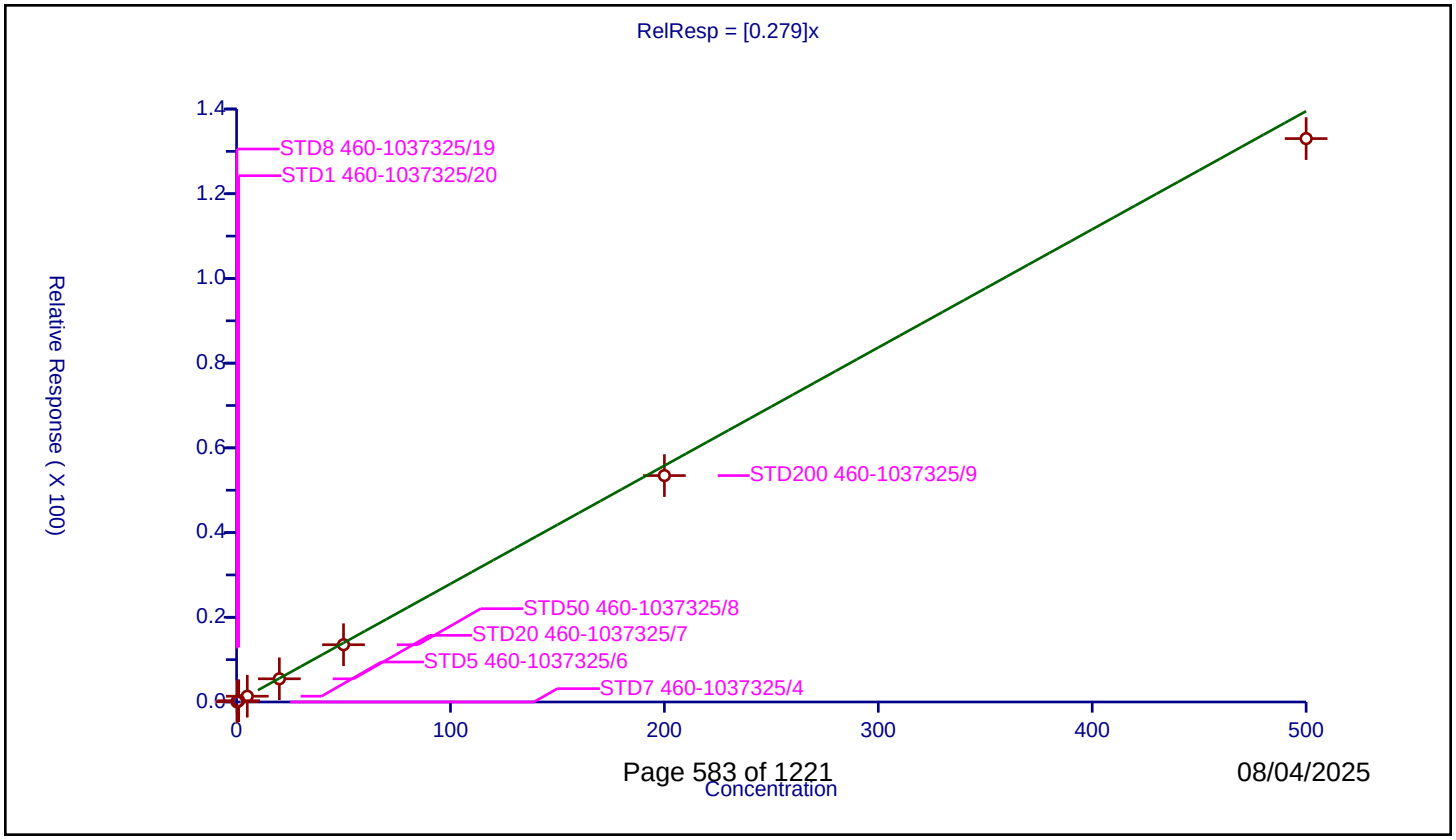
Curve Coefficients

Intercept:	0
Slope:	0.279

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.05959	50.0	533651.0	0.297948	Y
3	STD1 460-1037325/20	1.0	0.304581	50.0	530729.0	0.304581	Y
4	STD5 460-1037325/6	5.0	1.364456	50.0	516323.0	0.272891	Y
5	STD20 460-1037325/7	20.0	5.473379	50.0	511503.0	0.273669	Y
6	STD50 460-1037325/8	50.0	13.52188	50.0	509282.0	0.270438	Y
7	STD200 460-1037325/9	200.0	53.45824	50.0	502322.0	0.267291	Y
8	STD500 460-1037325/10	500.0	133.017483	50.0	511476.0	0.266035	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

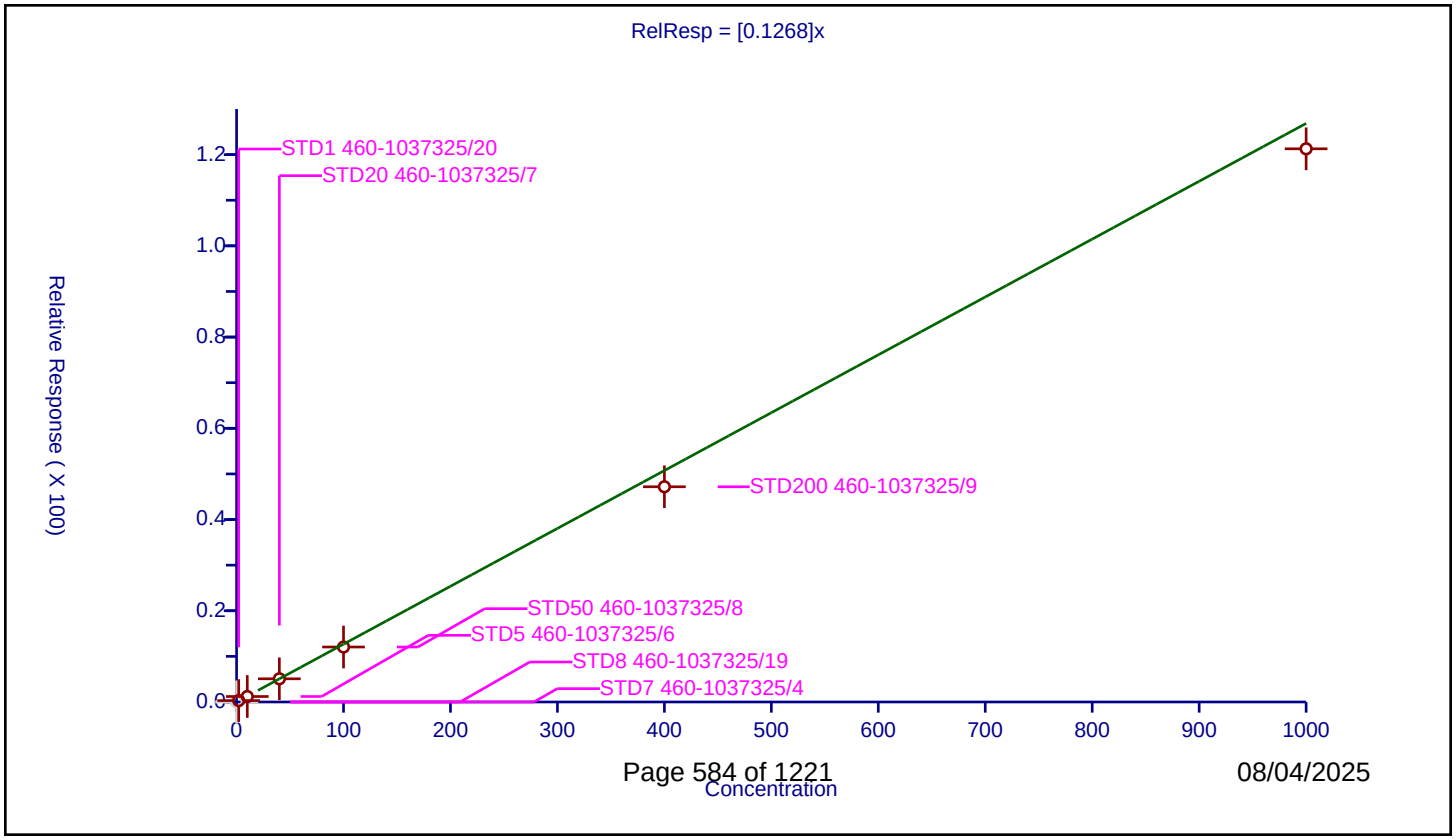
Curve Coefficients

Intercept:	0
Slope:	0.1268

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	2.0	0.308349	50.0	530729.0	0.154175	Y
4	STD5 460-1037325/6	10.0	1.200605	50.0	516323.0	0.120061	Y
5	STD20 460-1037325/7	40.0	5.083743	50.0	511503.0	0.127094	Y
6	STD50 460-1037325/8	100.0	12.049709	50.0	509282.0	0.120497	Y
7	STD200 460-1037325/9	400.0	47.184376	50.0	502322.0	0.117961	Y
8	STD500 460-1037325/10	1000.0	121.274996	50.0	511476.0	0.121275	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

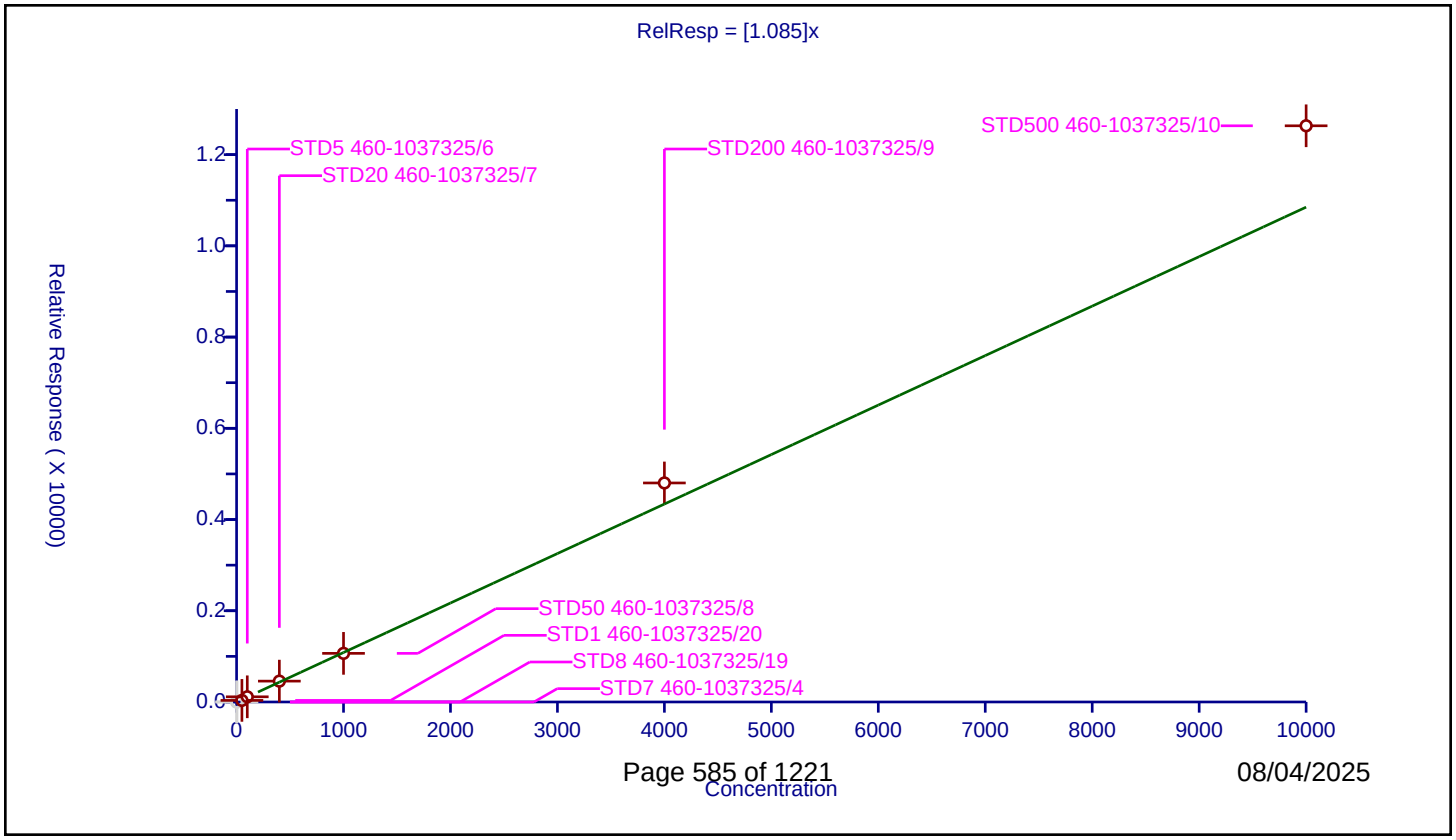
Curve Coefficients

Intercept:	0
Slope:	1.085

Error Coefficients

Relative Standard Deviation:	18.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	14410.0	NaN	N
2	STD8 460-1037325/19	4.0	0.0	1000.0	14955.0	0.0	N
3	STD1 460-1037325/20	50.0	35.004488	1000.0	15598.0	0.70009	Y
4	STD5 460-1037325/6	100.0	113.633218	1000.0	14450.0	1.136332	Y
5	STD20 460-1037325/7	400.0	457.201435	1000.0	15608.0	1.143004	Y
6	STD50 460-1037325/8	1000.0	1065.862242	1000.0	15912.0	1.065862	Y
7	STD200 460-1037325/9	4000.0	4802.017998	1000.0	14668.0	1.200504	Y
8	STD500 460-1037325/10	10000.0	12632.515503	1000.0	14836.0	1.263252	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

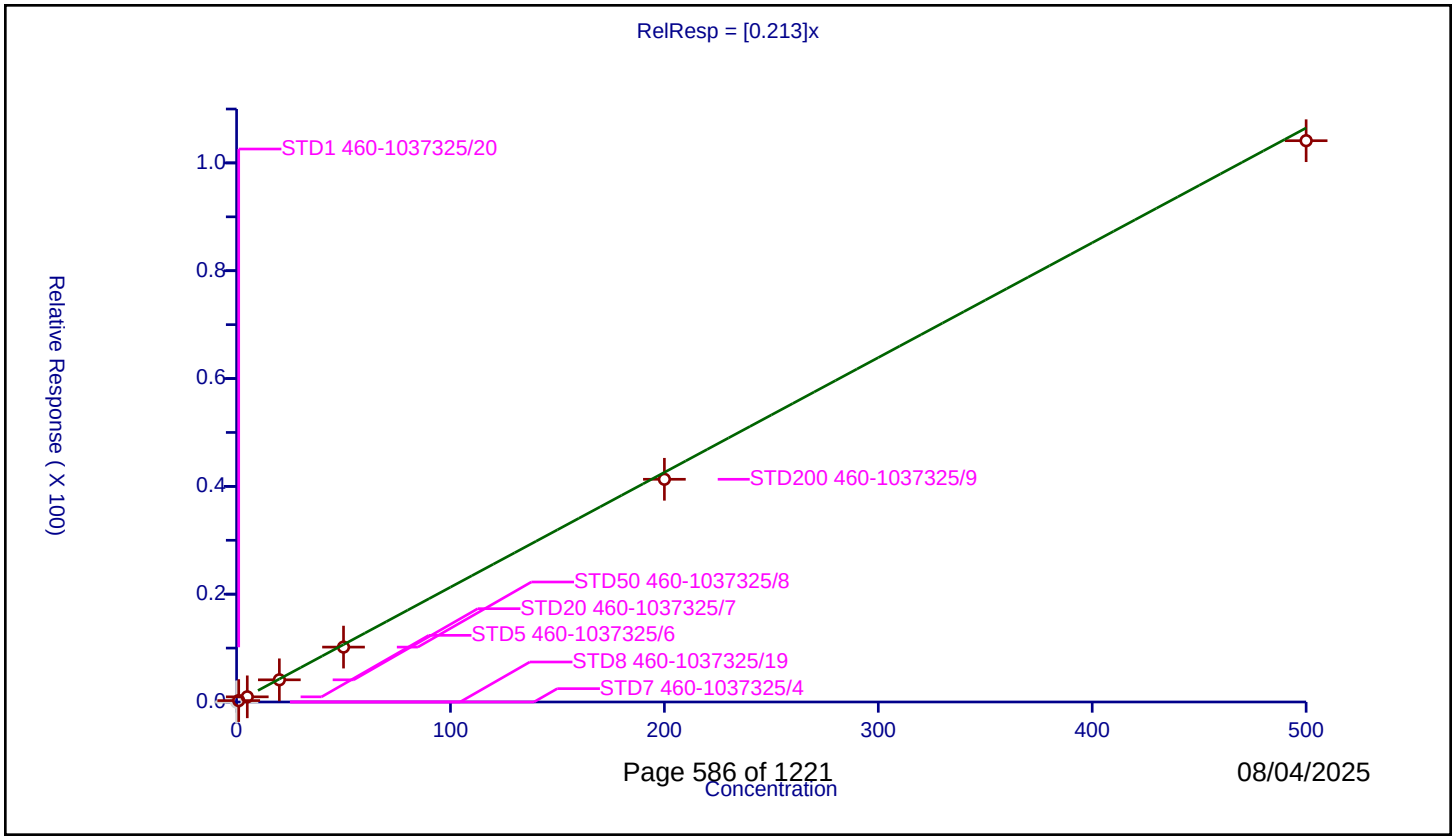
Curve Coefficients

Intercept:	0
Slope:	0.213

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.26181	50.0	530729.0	0.26181	Y
4	STD5 460-1037325/6	5.0	0.959283	50.0	516323.0	0.191857	Y
5	STD20 460-1037325/7	20.0	4.113466	50.0	511503.0	0.205673	Y
6	STD50 460-1037325/8	50.0	10.183945	50.0	509282.0	0.203679	Y
7	STD200 460-1037325/9	200.0	41.313739	50.0	502322.0	0.206569	Y
8	STD500 460-1037325/10	500.0	104.121503	50.0	511476.0	0.208243	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

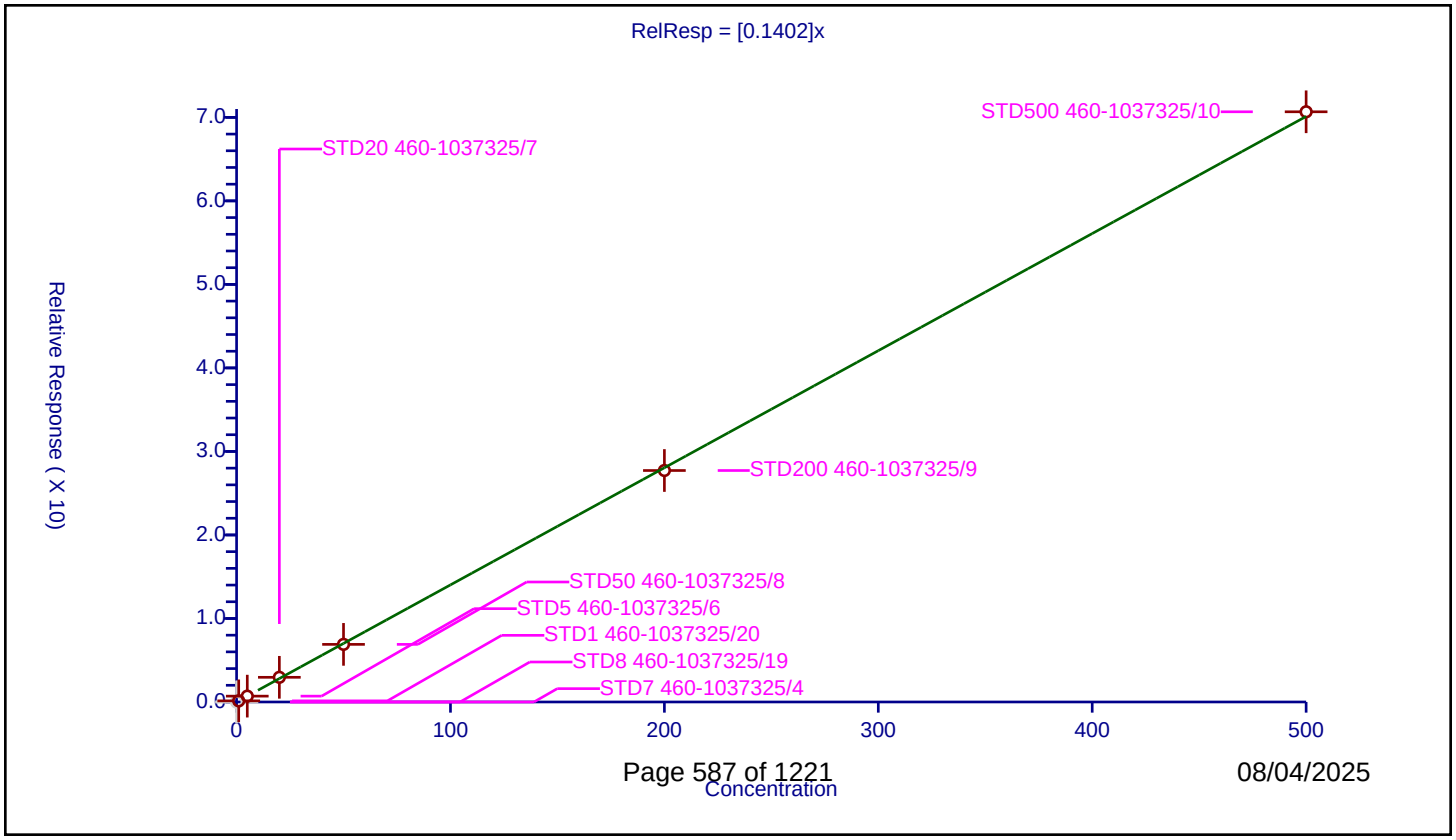
Curve Coefficients

Intercept:	0
Slope:	0.1402

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.135474	50.0	530729.0	0.135474	Y
4	STD5 460-1037325/6	5.0	0.700627	50.0	516323.0	0.140125	Y
5	STD20 460-1037325/7	20.0	2.956385	50.0	511503.0	0.147819	Y
6	STD50 460-1037325/8	50.0	6.899125	50.0	509282.0	0.137982	Y
7	STD200 460-1037325/9	200.0	27.715489	50.0	502322.0	0.138577	Y
8	STD500 460-1037325/10	500.0	70.668712	50.0	511476.0	0.141337	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

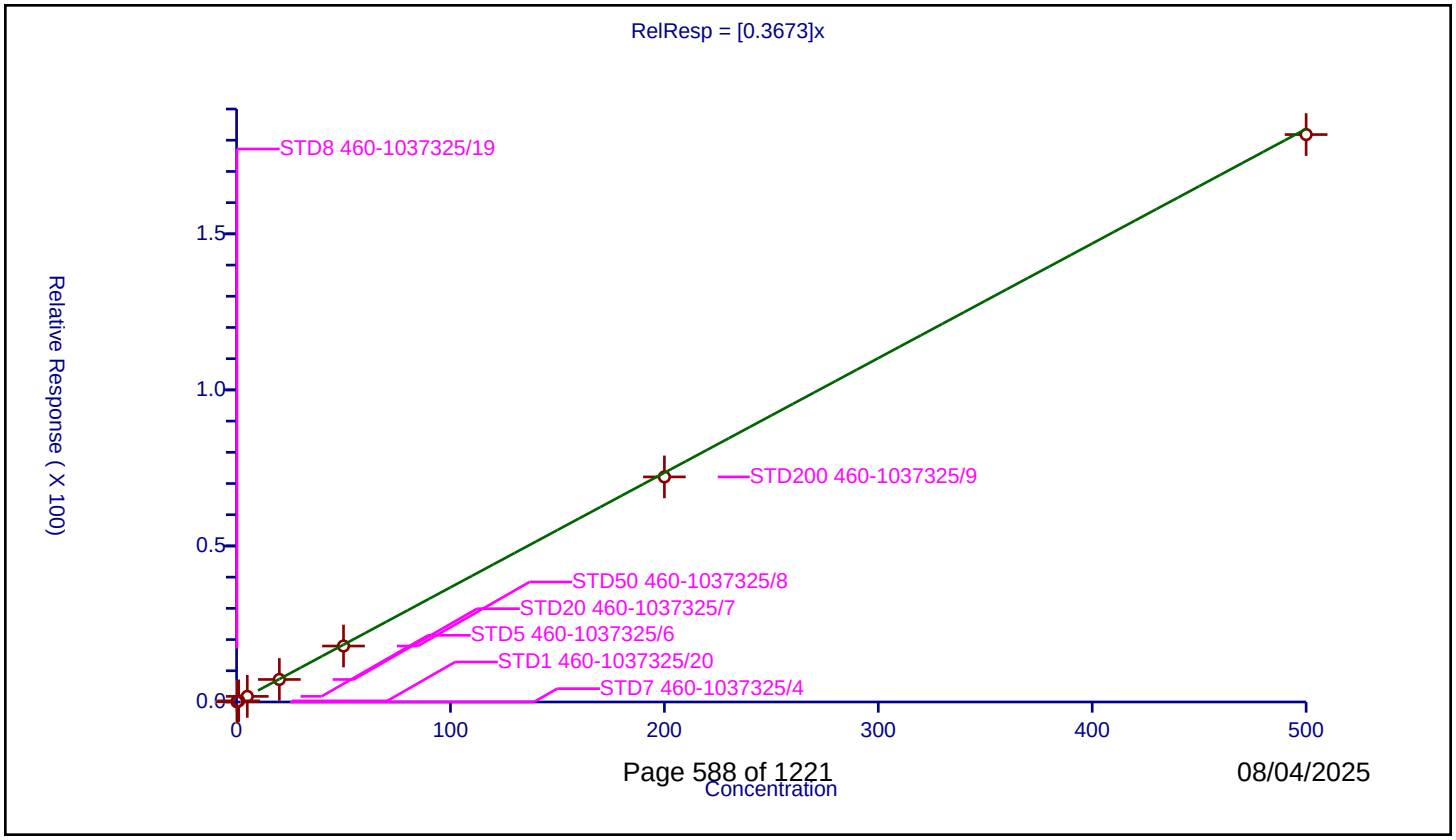
Curve Coefficients

Intercept:	0
Slope:	0.3673

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.080296	50.0	533651.0	0.40148	Y
3	STD1 460-1037325/20	1.0	0.3661	50.0	530729.0	0.3661	Y
4	STD5 460-1037325/6	5.0	1.797228	50.0	516323.0	0.359446	Y
5	STD20 460-1037325/7	20.0	7.216673	50.0	511503.0	0.360834	Y
6	STD50 460-1037325/8	50.0	17.934268	50.0	509282.0	0.358685	Y
7	STD200 460-1037325/9	200.0	72.122364	50.0	502322.0	0.360612	Y
8	STD500 460-1037325/10	500.0	181.81772	50.0	511476.0	0.363635	Y



Calibration / 2-Nitropropane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

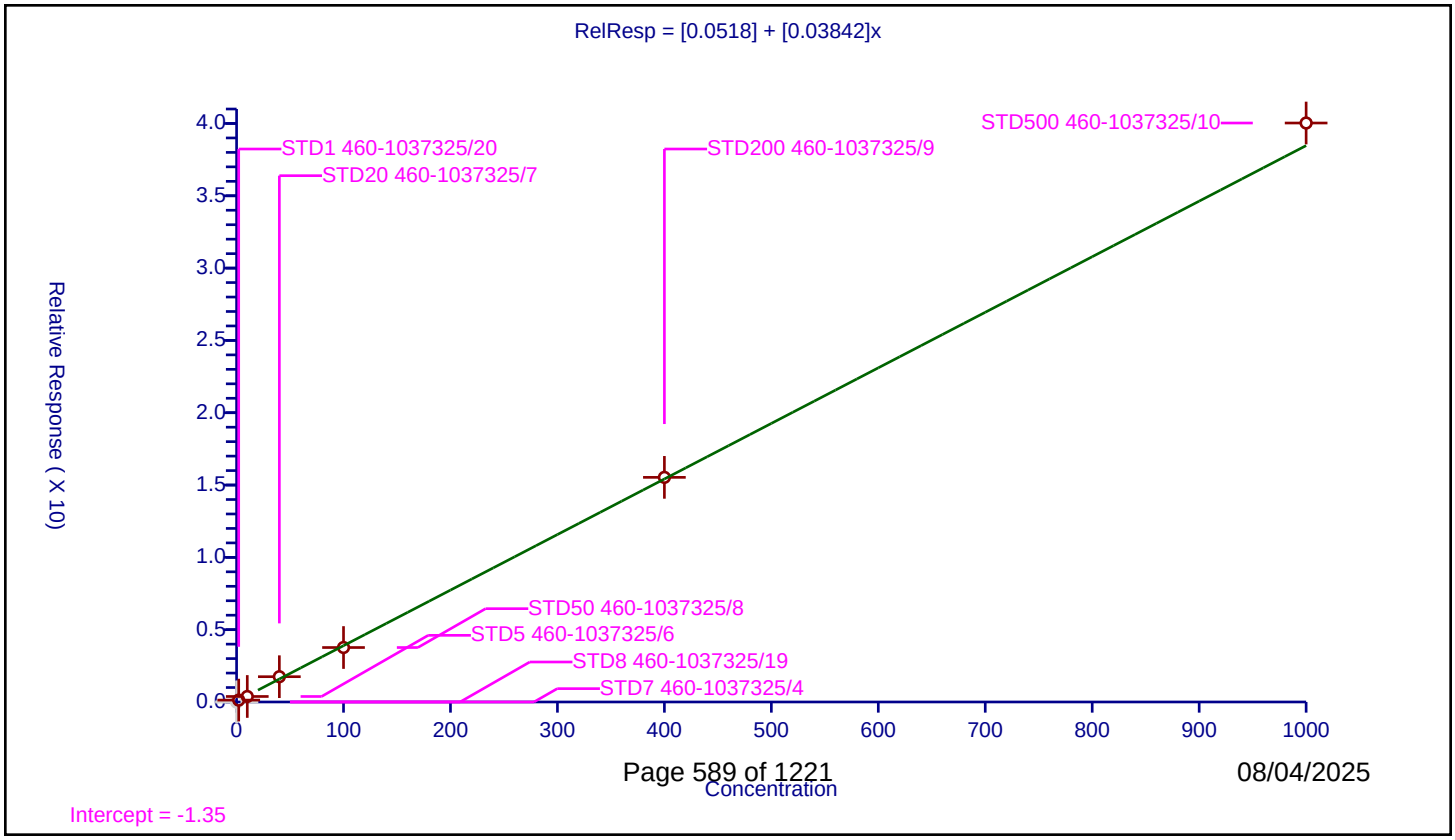
Curve Coefficients

Intercept:	0.0518
Slope:	0.03842

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	2.0	0.130481	50.0	530729.0	0.06524	Y
4	STD5 460-1037325/6	10.0	0.38106	50.0	516323.0	0.038106	Y
5	STD20 460-1037325/7	40.0	1.748768	50.0	511503.0	0.043719	Y
6	STD50 460-1037325/8	100.0	3.766479	50.0	509282.0	0.037665	Y
7	STD200 460-1037325/9	400.0	15.531273	50.0	502322.0	0.038828	Y
8	STD500 460-1037325/10	1000.0	40.032572	50.0	511476.0	0.040033	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

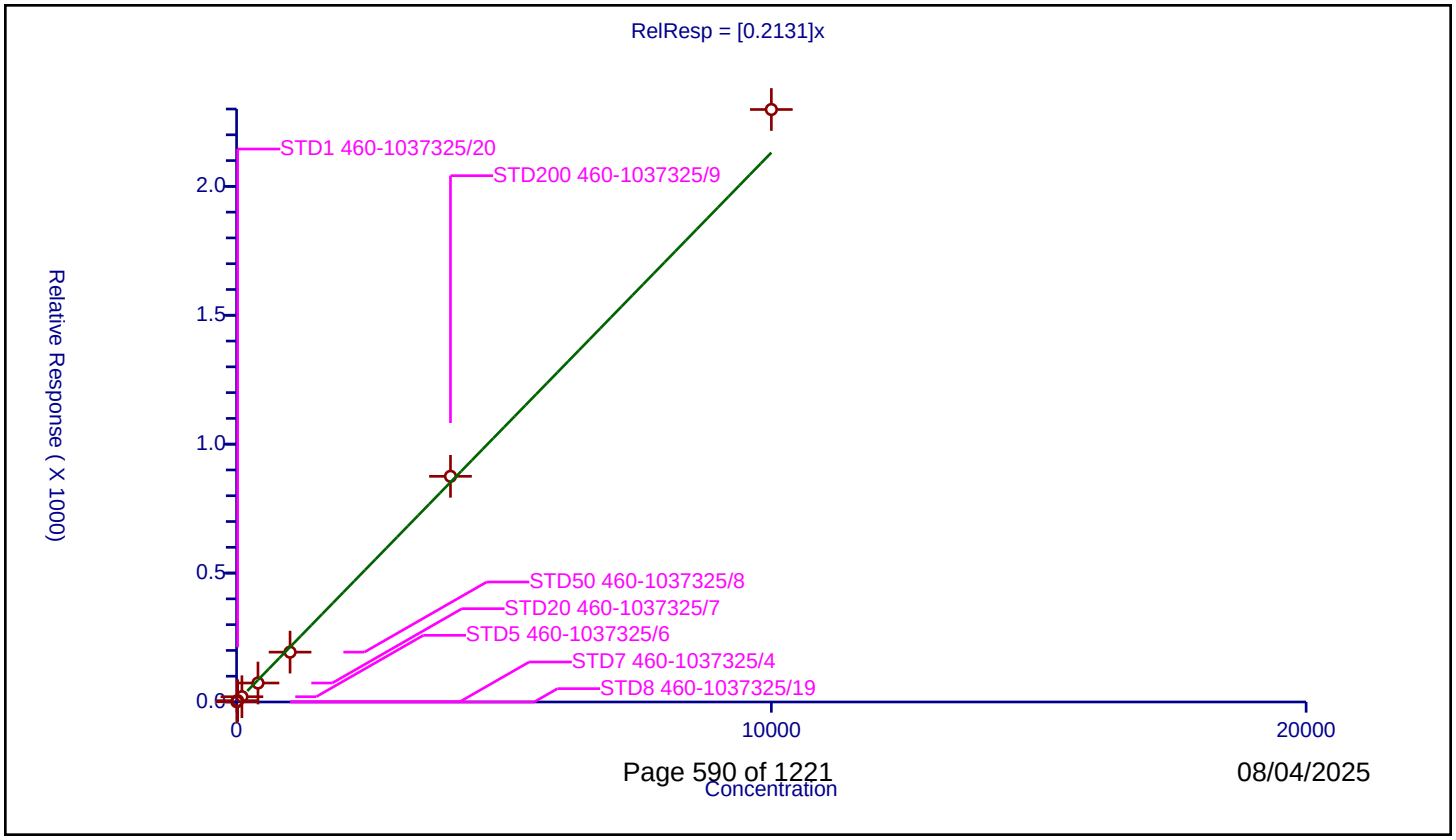
Curve Coefficients

Intercept:	0
Slope:	0.2131

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	4.000007	0.0	250.0	146299.0	0.0	N
2	STD7 460-1037325/4	5.000009	1.040765	250.0	135237.0	0.208153	Y
3	STD1 460-1037325/20	20.000035	5.069264	250.0	140405.0	0.253463	Y
4	STD5 460-1037325/6	100.000173	20.40196	250.0	136531.0	0.204019	Y
5	STD20 460-1037325/7	400.000692	73.587516	250.0	138444.0	0.183968	Y
6	STD50 460-1037325/8	1000.00173	193.367354	250.0	135602.0	0.193367	Y
7	STD200 460-1037325/9	4000.00692	875.334604	250.0	131125.0	0.218833	Y
8	STD500 460-1037325/10	10000.0173	2298.085978	250.0	140176.0	0.229808	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

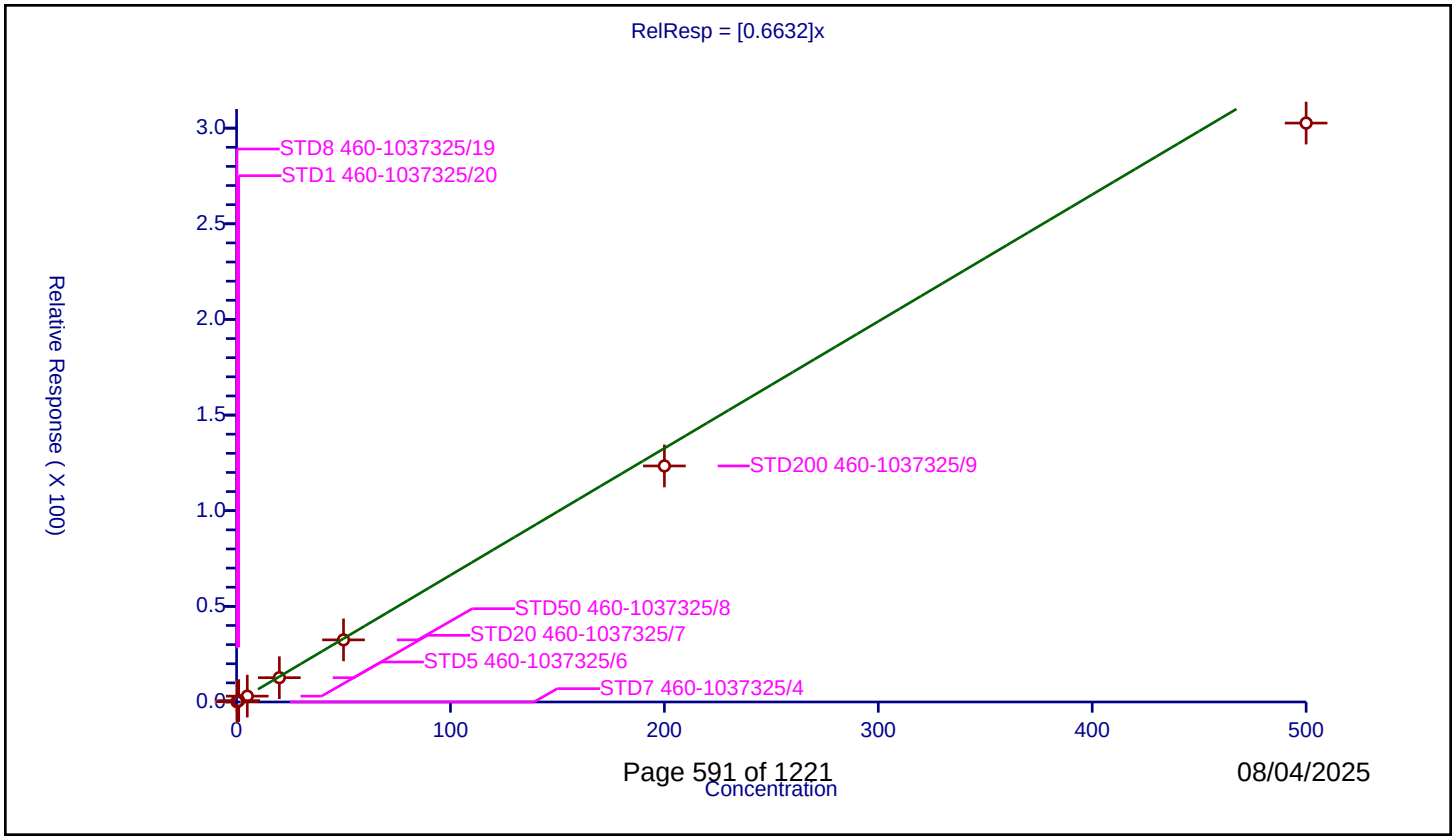
Curve Coefficients

Intercept:	0
Slope:	0.6632

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.161291	50.0	365489.0	0.806454	Y
3	STD1 460-1037325/20	1.0	0.717264	50.0	364092.0	0.717264	Y
4	STD5 460-1037325/6	5.0	3.056638	50.0	356879.0	0.611328	Y
5	STD20 460-1037325/7	20.0	12.709077	50.0	359078.0	0.635454	Y
6	STD50 460-1037325/8	50.0	32.473405	50.0	352316.0	0.649468	Y
7	STD200 460-1037325/9	200.0	123.405382	50.0	360541.0	0.617027	Y
8	STD500 460-1037325/10	500.0	302.654348	50.0	386724.0	0.605309	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

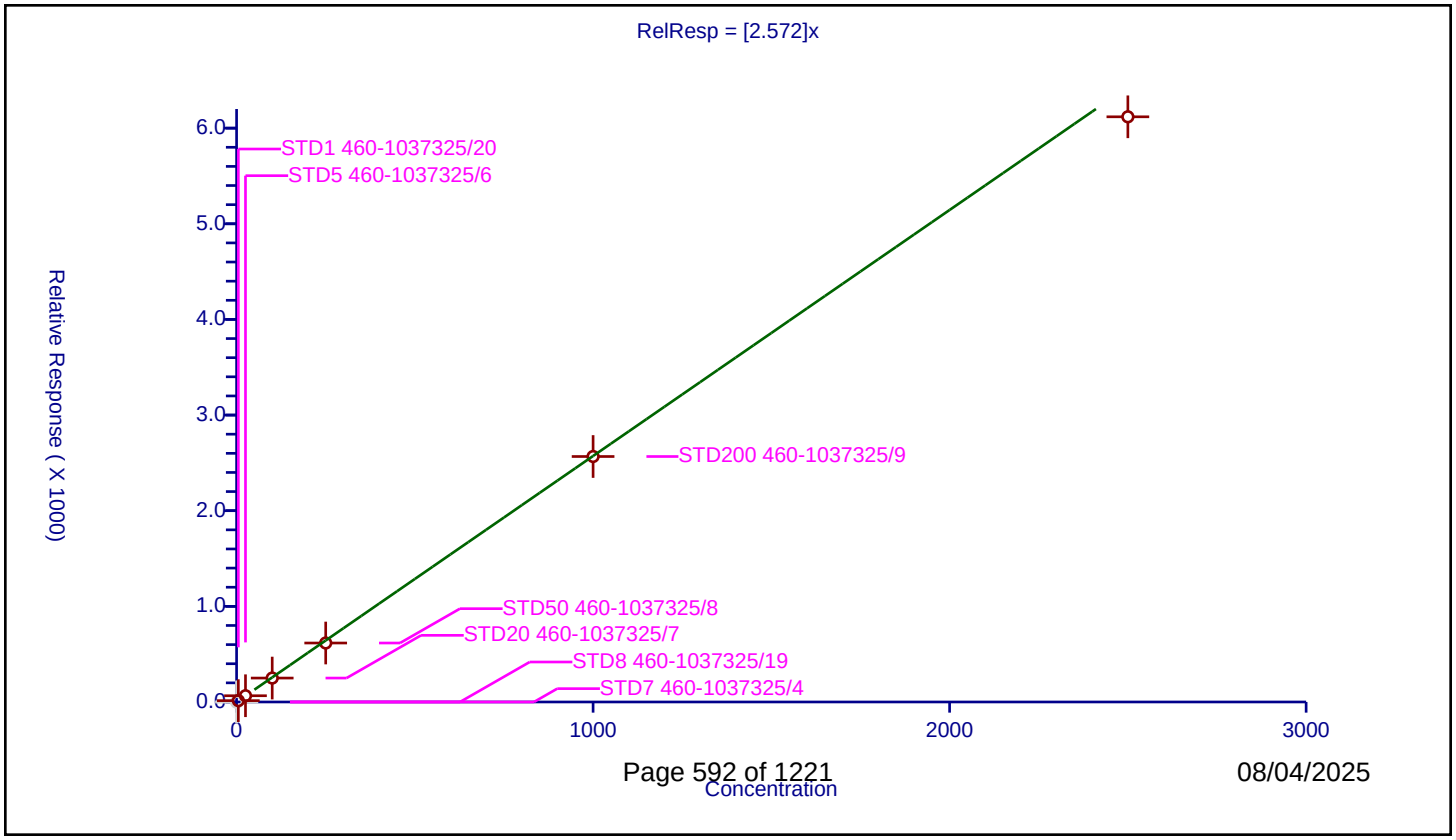
Curve Coefficients

Intercept:	0
Slope:	2.572

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	250.0	135237.0	NaN	N
2	STD8 460-1037325/19	1.0	0.0	250.0	146299.0	0.0	N
3	STD1 460-1037325/20	5.0	14.19109	250.0	140405.0	2.838218	Y
4	STD5 460-1037325/6	25.0	65.294695	250.0	136531.0	2.611788	Y
5	STD20 460-1037325/7	100.0	250.232946	250.0	138444.0	2.502329	Y
6	STD50 460-1037325/8	250.0	616.633604	250.0	135602.0	2.466534	Y
7	STD200 460-1037325/9	1000.0	2566.816015	250.0	131125.0	2.566816	Y
8	STD500 460-1037325/10	2500.0	6118.481409	250.0	140176.0	2.447393	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

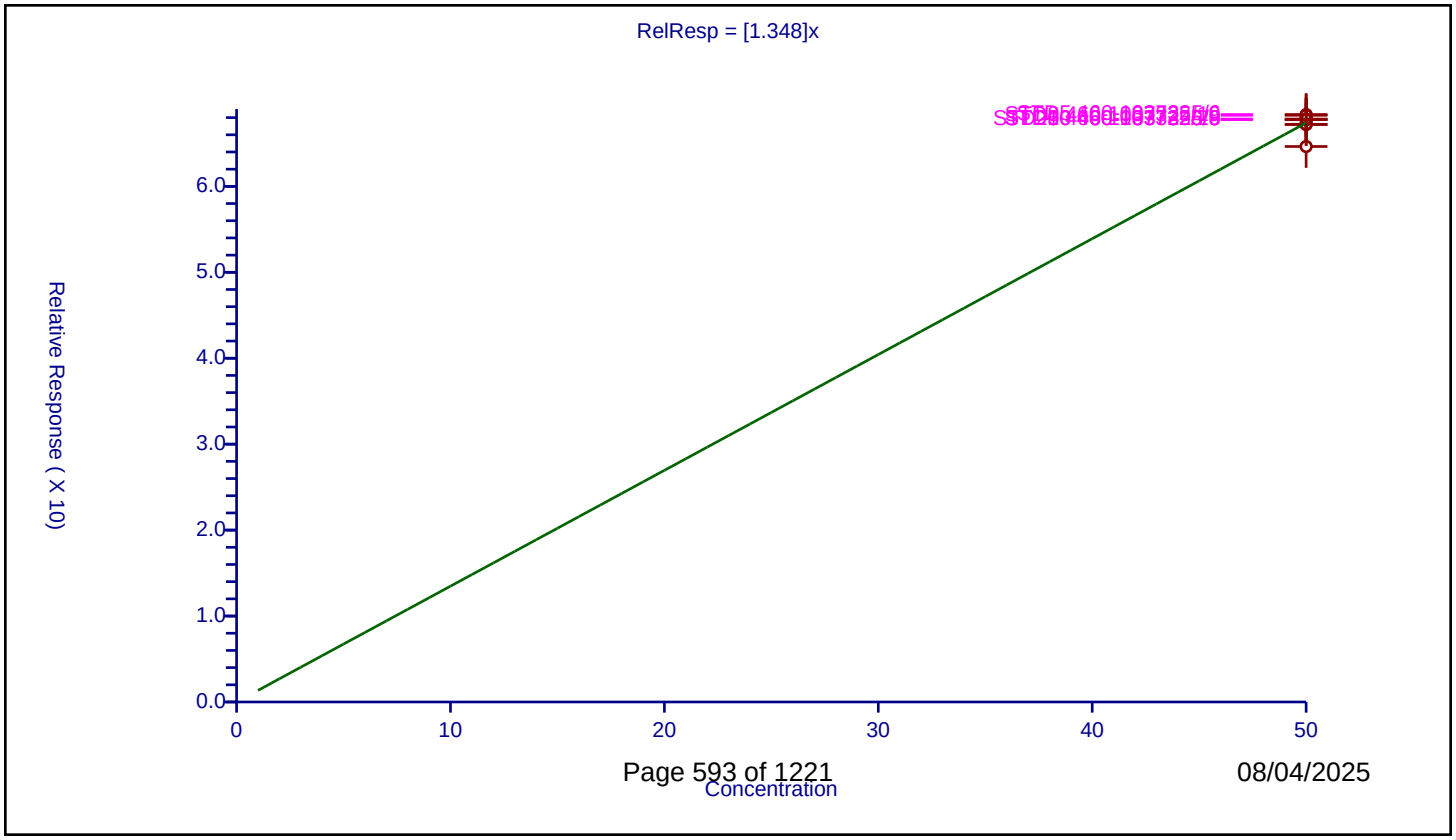
Curve Coefficients

Intercept:	0
Slope:	1.348

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	50.0	67.19827	50.0	363993.0	1.343965	Y
2	STD5 460-1037325/6	50.0	68.356362	50.0	356879.0	1.367127	Y
3	STD20 460-1037325/7	50.0	67.22091	50.0	359078.0	1.344418	Y
4	STD50 460-1037325/8	50.0	67.804329	50.0	352316.0	1.356087	Y
5	STD200 460-1037325/9	50.0	67.76705	50.0	360541.0	1.355341	Y
6	STD500 460-1037325/10	50.0	64.636407	50.0	386724.0	1.292728	Y
7	STD8 460-1037325/19	50.0	68.271138	50.0	365489.0	1.365423	Y
8	STD1 460-1037325/20	50.0	67.825989	50.0	364092.0	1.35652	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

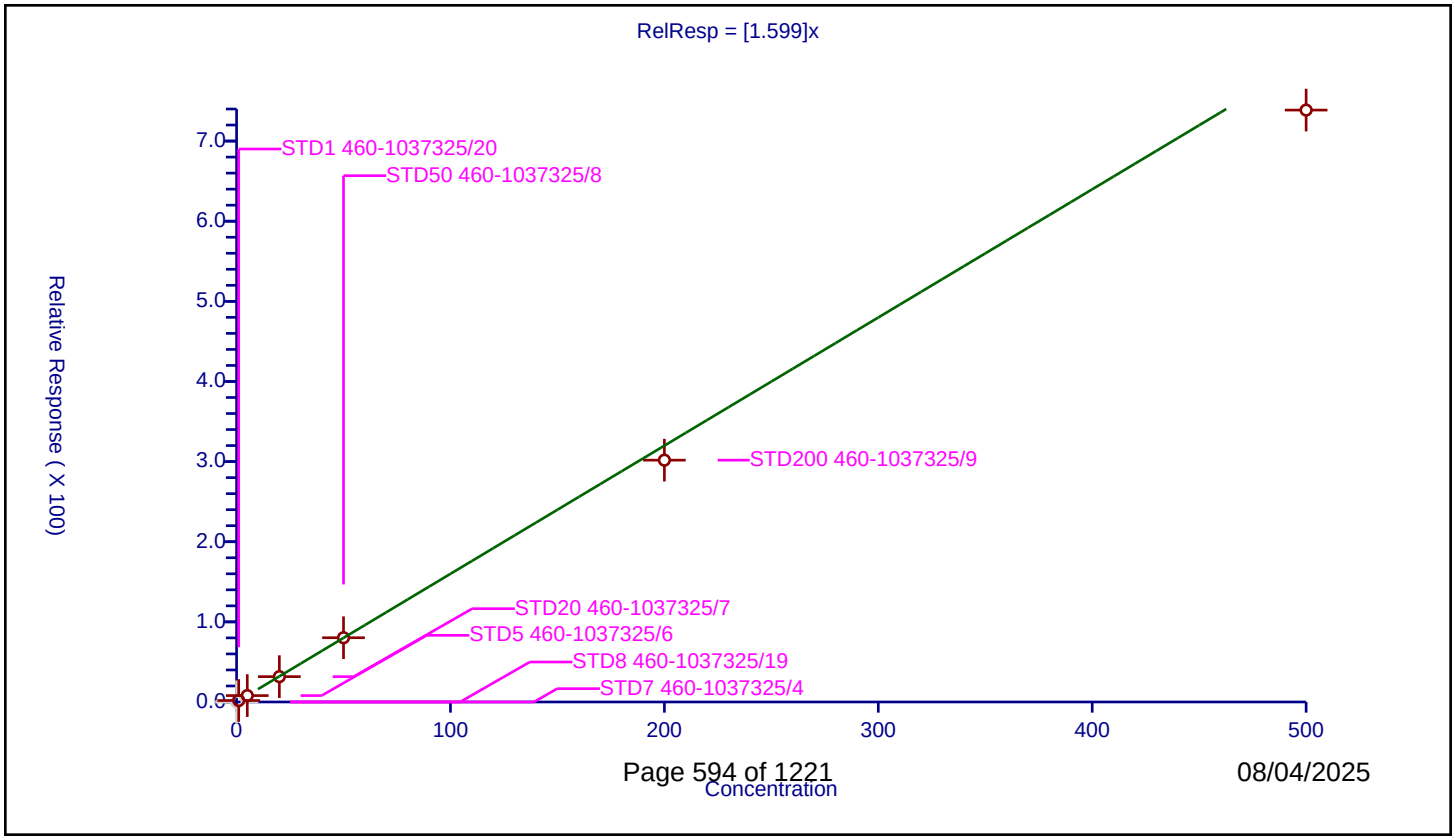
Curve Coefficients

Intercept:	0
Slope:	1.599

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	1.831268	50.0	364092.0	1.831268	Y
4	STD5 460-1037325/6	5.0	7.973151	50.0	356879.0	1.59463	Y
5	STD20 460-1037325/7	20.0	31.617643	50.0	359078.0	1.580882	Y
6	STD50 460-1037325/8	50.0	80.184692	50.0	352316.0	1.603694	Y
7	STD200 460-1037325/9	200.0	301.791752	50.0	360541.0	1.508959	Y
8	STD500 460-1037325/10	500.0	738.668663	50.0	386724.0	1.477337	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

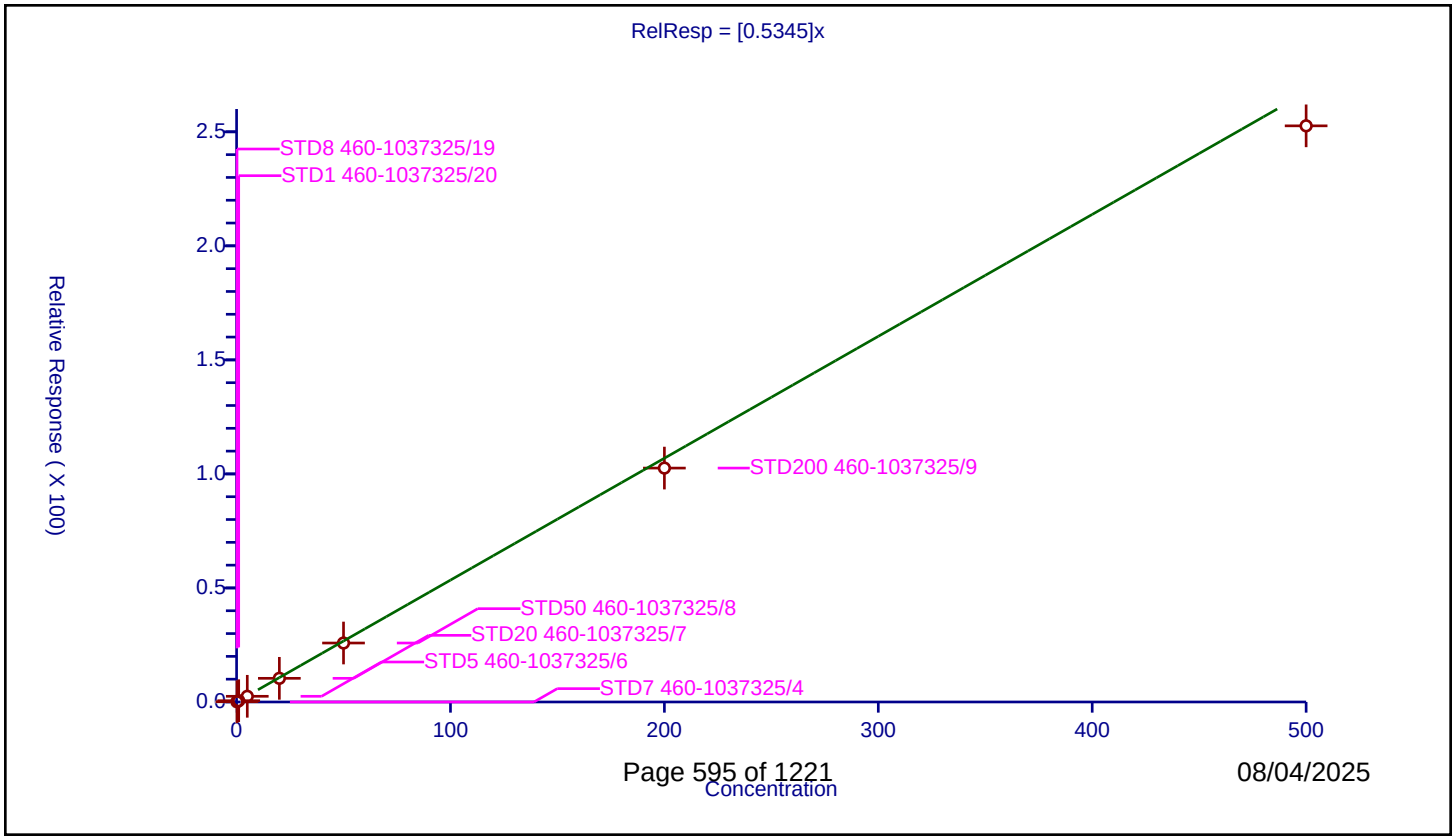
Curve Coefficients

Intercept:	0
Slope:	0.5345

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.127364	50.0	365489.0	0.636818	Y
3	STD1 460-1037325/20	1.0	0.551646	50.0	364092.0	0.551646	Y
4	STD5 460-1037325/6	5.0	2.493002	50.0	356879.0	0.4986	Y
5	STD20 460-1037325/7	20.0	10.378943	50.0	359078.0	0.518947	Y
6	STD50 460-1037325/8	50.0	25.85605	50.0	352316.0	0.517121	Y
7	STD200 460-1037325/9	200.0	102.555188	50.0	360541.0	0.512776	Y
8	STD500 460-1037325/10	500.0	252.623189	50.0	386724.0	0.505246	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

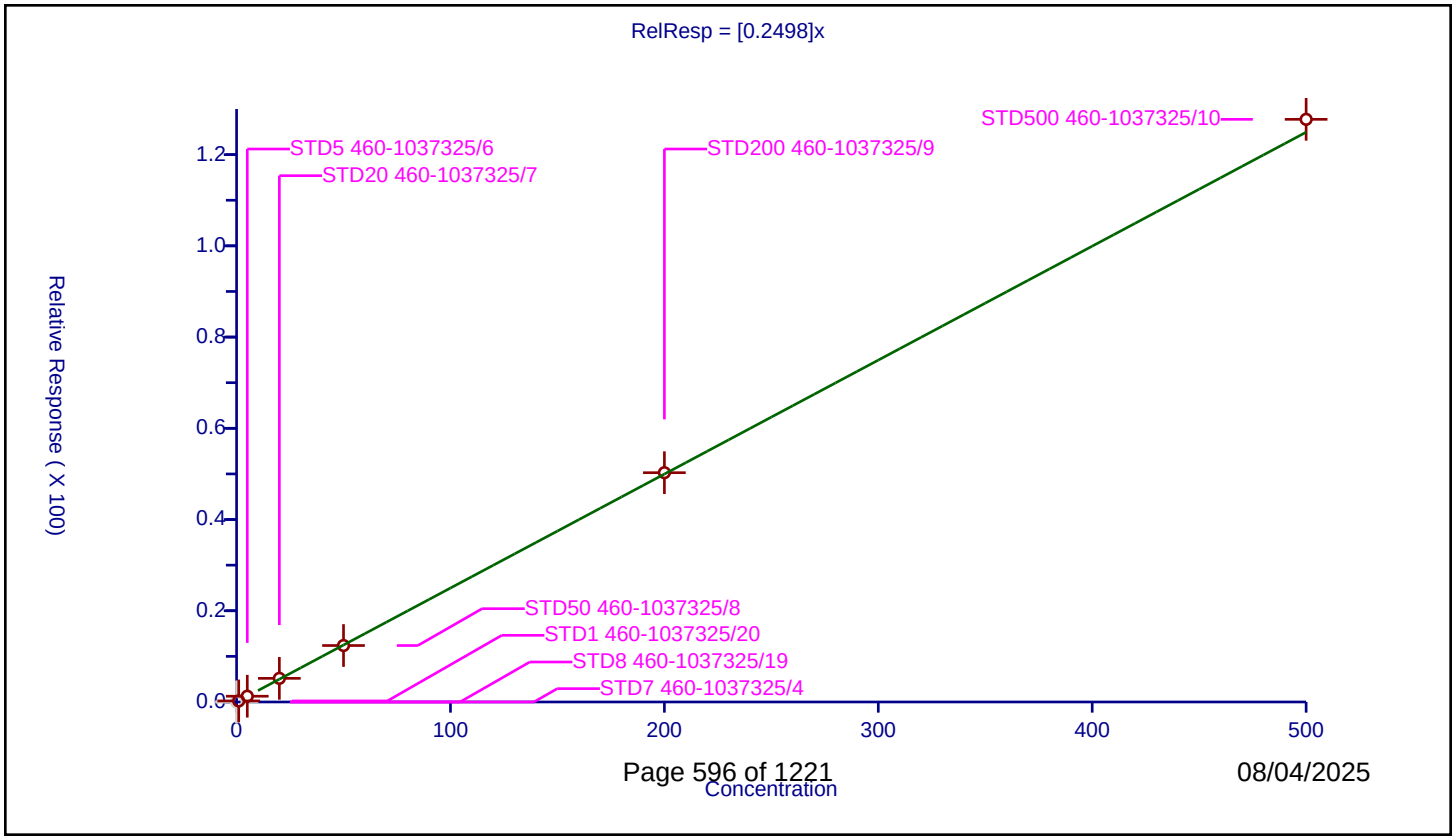
Curve Coefficients

Intercept:	0
Slope:	0.2498

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.232322	50.0	530729.0	0.232322	Y
4	STD5 460-1037325/6	5.0	1.264519	50.0	516323.0	0.252904	Y
5	STD20 460-1037325/7	20.0	5.185307	50.0	511503.0	0.259265	Y
6	STD50 460-1037325/8	50.0	12.381843	50.0	509282.0	0.247637	Y
7	STD200 460-1037325/9	200.0	50.270544	50.0	502322.0	0.251353	Y
8	STD500 460-1037325/10	500.0	127.735123	50.0	511476.0	0.25547	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

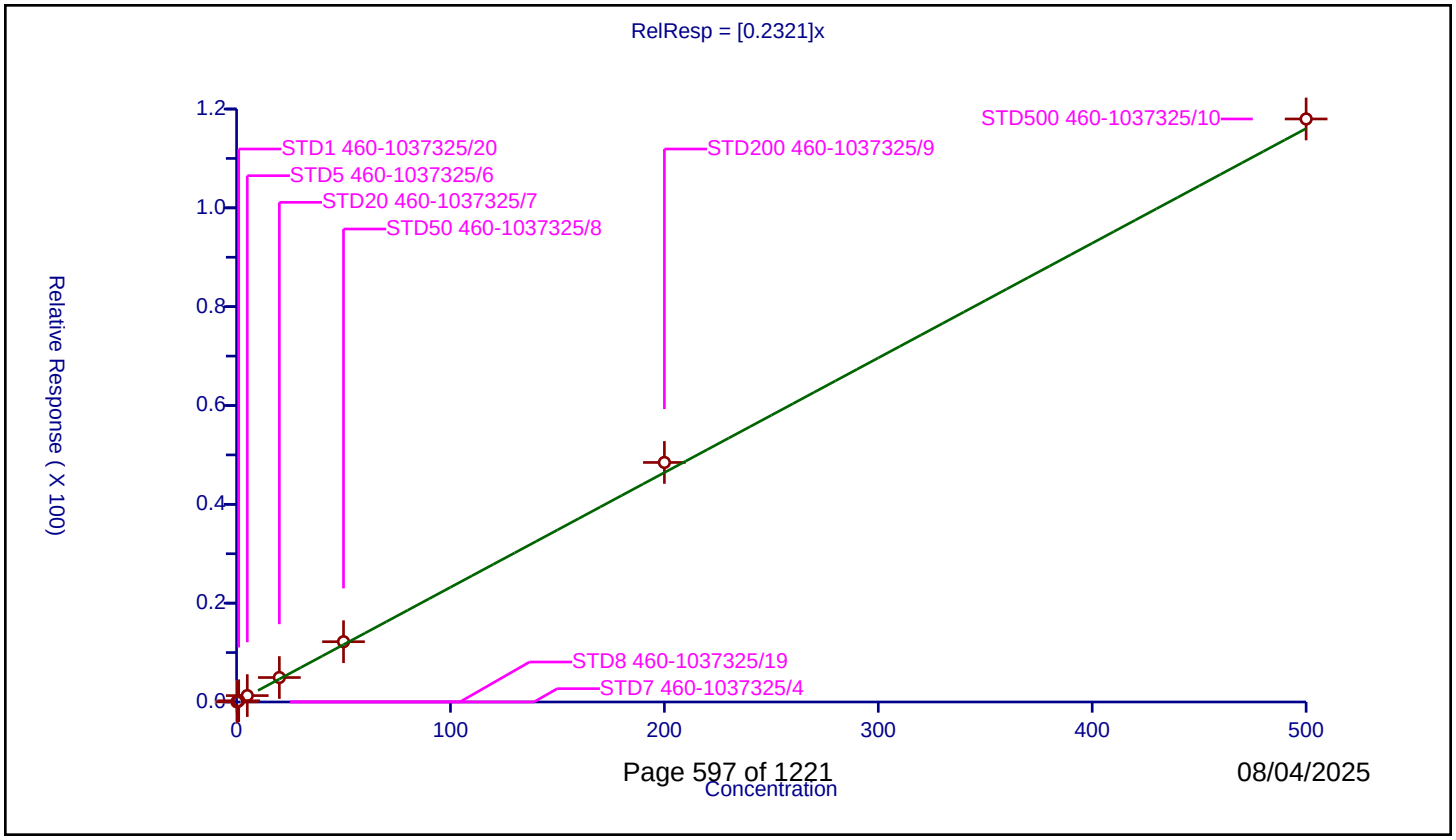
Curve Coefficients

Intercept:	0
Slope:	0.2321

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.029686	50.0	365489.0	0.148431	Y
3	STD1 460-1037325/20	1.0	0.24774	50.0	364092.0	0.24774	Y
4	STD5 460-1037325/6	5.0	1.293436	50.0	356879.0	0.258687	Y
5	STD20 460-1037325/7	20.0	4.952406	50.0	359078.0	0.24762	Y
6	STD50 460-1037325/8	50.0	12.197289	50.0	352316.0	0.243946	Y
7	STD200 460-1037325/9	200.0	48.474931	50.0	360541.0	0.242375	Y
8	STD500 460-1037325/10	500.0	117.988928	50.0	386724.0	0.235978	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

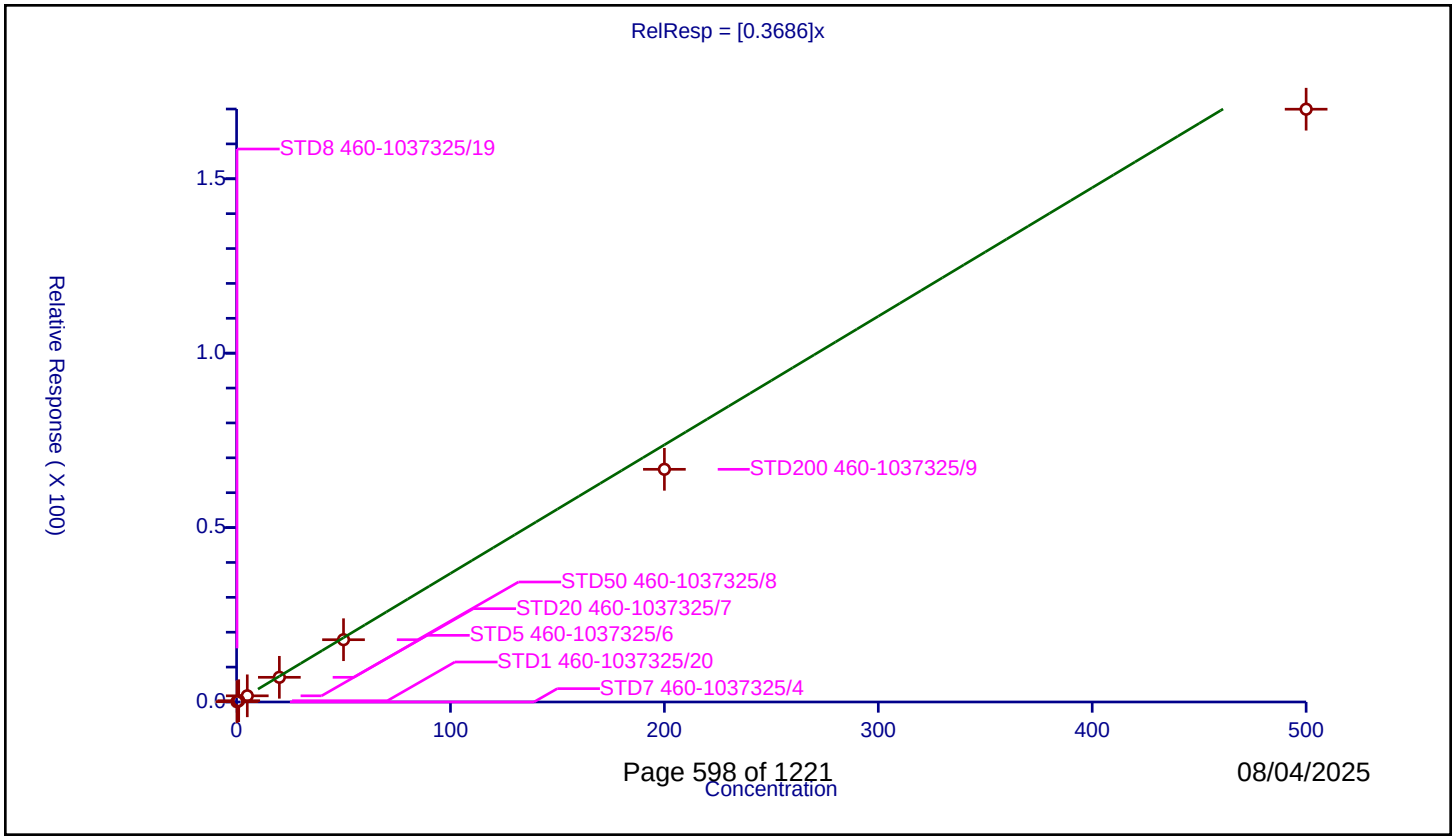
Curve Coefficients

Intercept:	0
Slope:	0.3686

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.095215	50.0	365489.0	0.476075	Y
3	STD1 460-1037325/20	1.0	0.365979	50.0	364092.0	0.365979	Y
4	STD5 460-1037325/6	5.0	1.770208	50.0	356879.0	0.354042	Y
5	STD20 460-1037325/7	20.0	7.07228	50.0	359078.0	0.353614	Y
6	STD50 460-1037325/8	50.0	17.85769	50.0	352316.0	0.357154	Y
7	STD200 460-1037325/9	200.0	66.709195	50.0	360541.0	0.333546	Y
8	STD500 460-1037325/10	500.0	169.948335	50.0	386724.0	0.339897	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

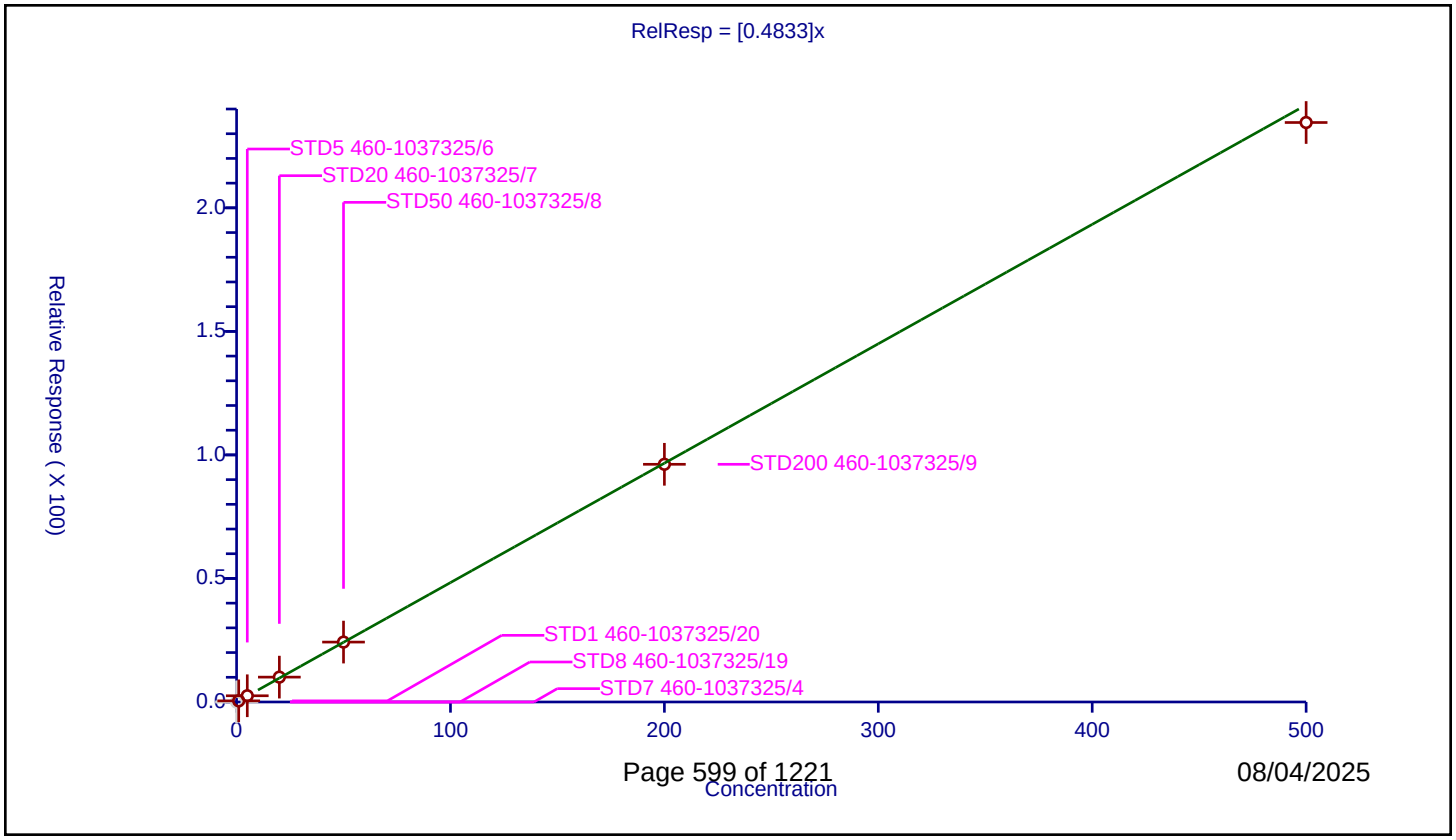
Curve Coefficients

Intercept:	0
Slope:	0.4833

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.456615	50.0	364092.0	0.456615	Y
4	STD5 460-1037325/6	5.0	2.522704	50.0	356879.0	0.504541	Y
5	STD20 460-1037325/7	20.0	10.068008	50.0	359078.0	0.5034	Y
6	STD50 460-1037325/8	50.0	24.24897	50.0	352316.0	0.484979	Y
7	STD200 460-1037325/9	200.0	96.200293	50.0	360541.0	0.481001	Y
8	STD500 460-1037325/10	500.0	234.535353	50.0	386724.0	0.469071	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

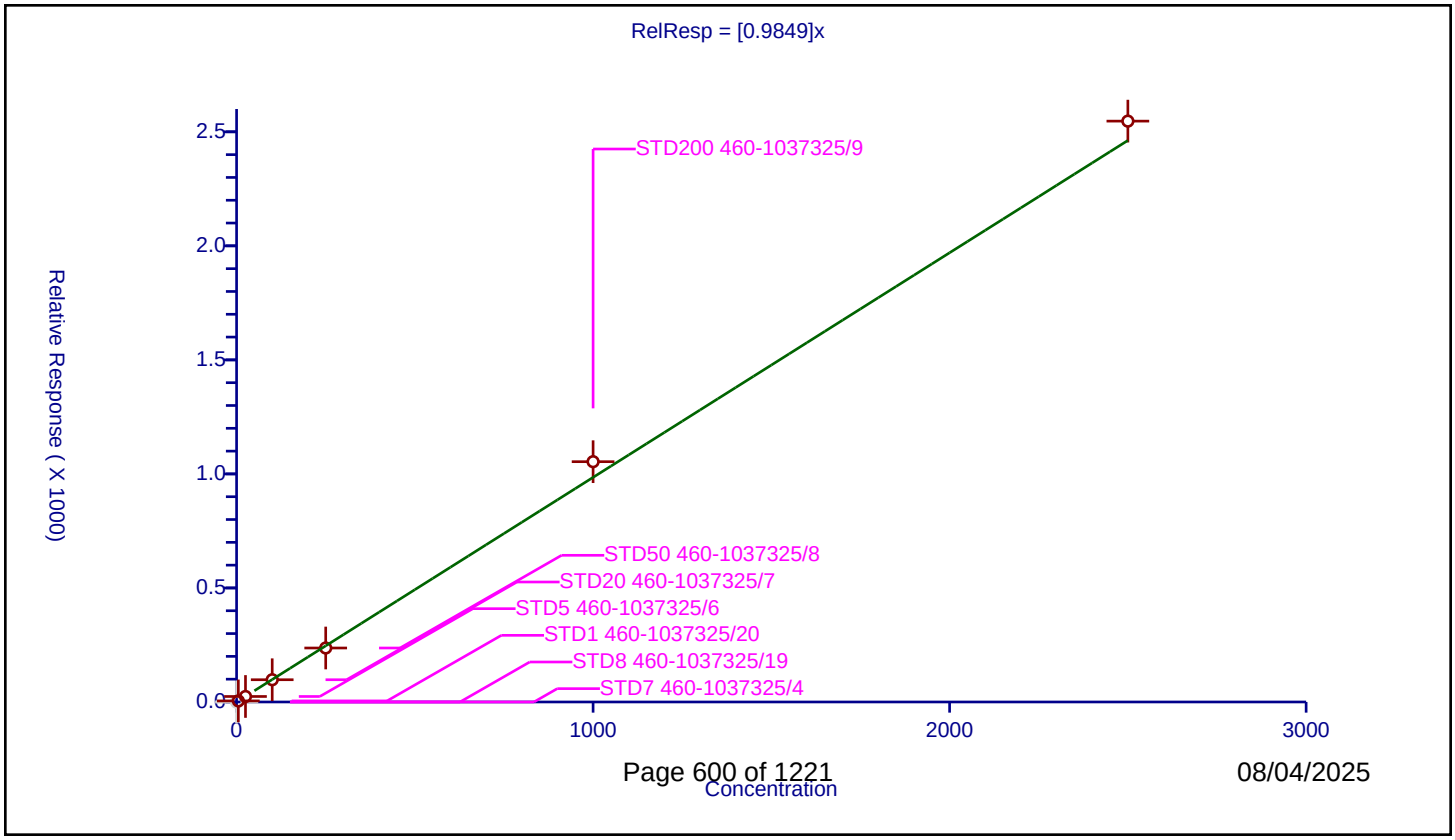
Curve Coefficients

Intercept:	0
Slope:	0.9849

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	250.0	135237.0	NaN	N
2	STD8 460-1037325/19	1.0	0.0	250.0	146299.0	0.0	N
3	STD1 460-1037325/20	5.0	4.738079	250.0	140405.0	0.947616	Y
4	STD5 460-1037325/6	25.0	24.155686	250.0	136531.0	0.966227	Y
5	STD20 460-1037325/7	100.0	97.59	250.0	138444.0	0.9759	Y
6	STD50 460-1037325/8	250.0	236.747983	250.0	135602.0	0.946992	Y
7	STD200 460-1037325/9	1000.0	1053.681602	250.0	131125.0	1.053682	Y
8	STD500 460-1037325/10	2500.0	2546.960607	250.0	140176.0	1.018784	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

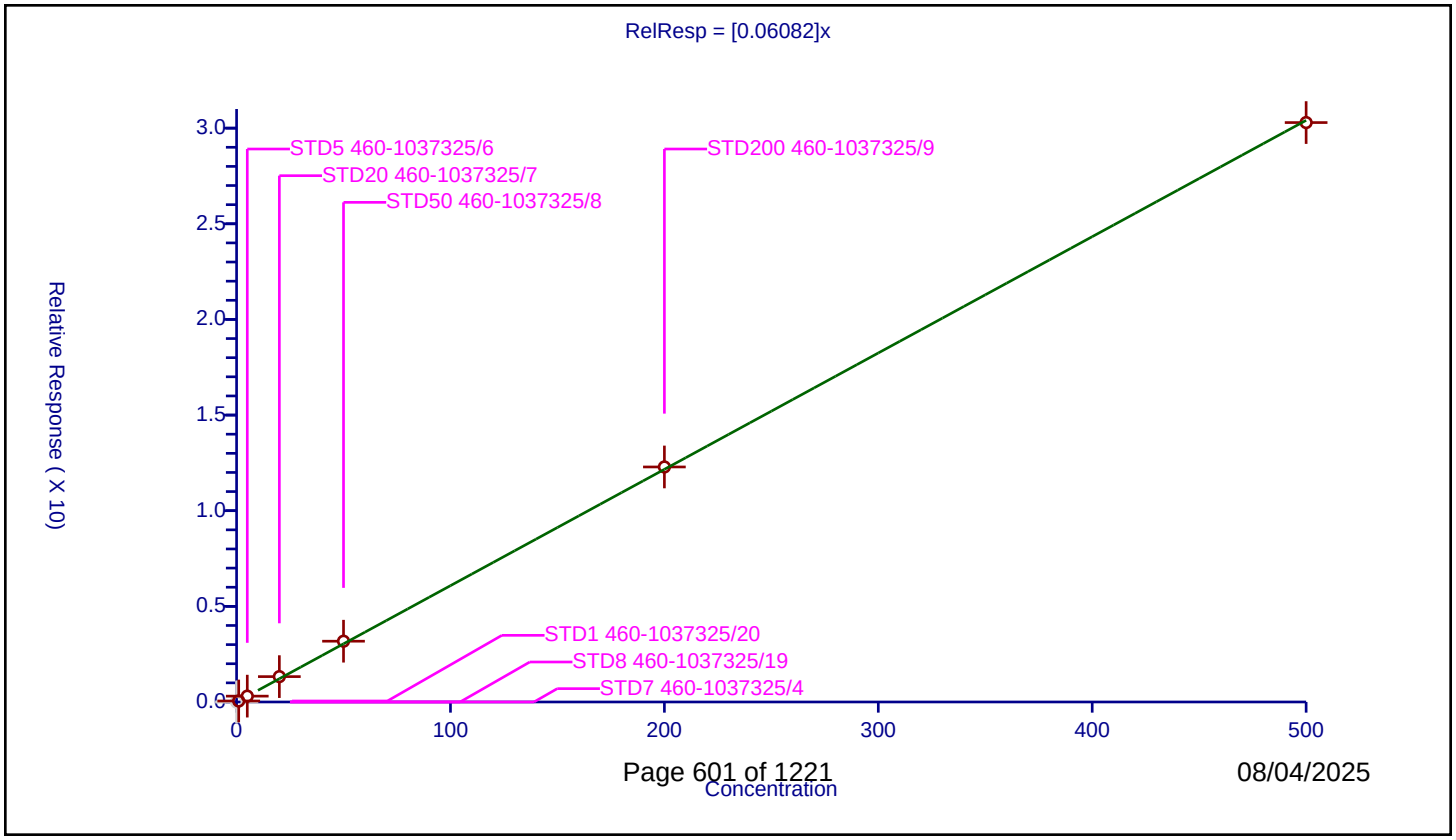
Curve Coefficients

Intercept:	0
Slope:	0.06082

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.05191	50.0	364092.0	0.05191	Y
4	STD5 460-1037325/6	5.0	0.305566	50.0	356879.0	0.061113	Y
5	STD20 460-1037325/7	20.0	1.325896	50.0	359078.0	0.066295	Y
6	STD50 460-1037325/8	50.0	3.177829	50.0	352316.0	0.063557	Y
7	STD200 460-1037325/9	200.0	12.287507	50.0	360541.0	0.061438	Y
8	STD500 460-1037325/10	500.0	30.291629	50.0	386724.0	0.060583	Y



Calibration / Chlorodibromomethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

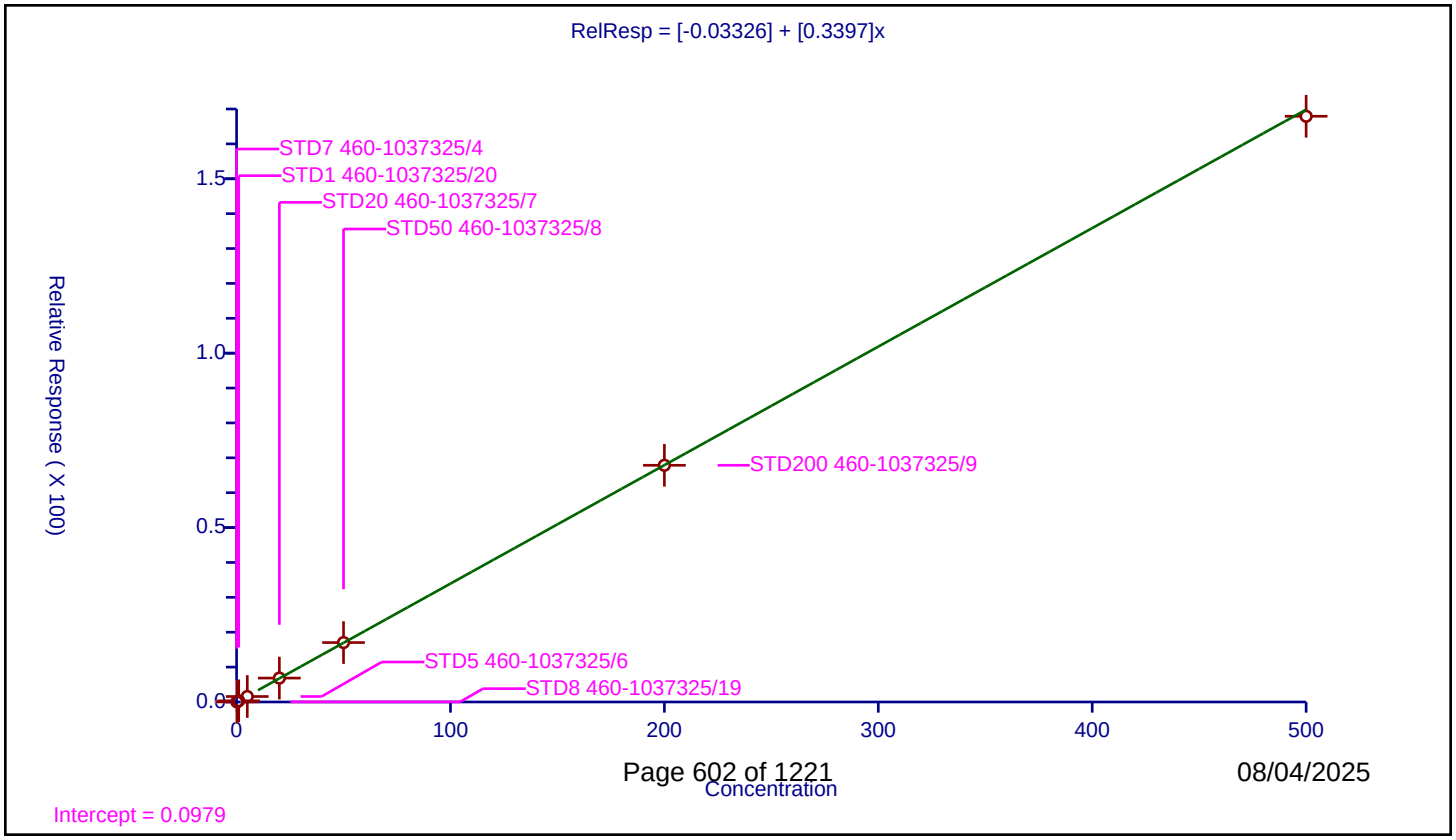
Curve Coefficients

Intercept:	-0.03326
Slope:	0.3397

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.034064	50.0	365489.0	0.17032	Y
3	STD1 460-1037325/20	1.0	0.325467	50.0	364092.0	0.325467	Y
4	STD5 460-1037325/6	5.0	1.573643	50.0	356879.0	0.314729	Y
5	STD20 460-1037325/7	20.0	6.857145	50.0	359078.0	0.342857	Y
6	STD50 460-1037325/8	50.0	17.038823	50.0	352316.0	0.340776	Y
7	STD200 460-1037325/9	200.0	67.862185	50.0	360541.0	0.339311	Y
8	STD500 460-1037325/10	500.0	167.920791	50.0	386724.0	0.335842	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

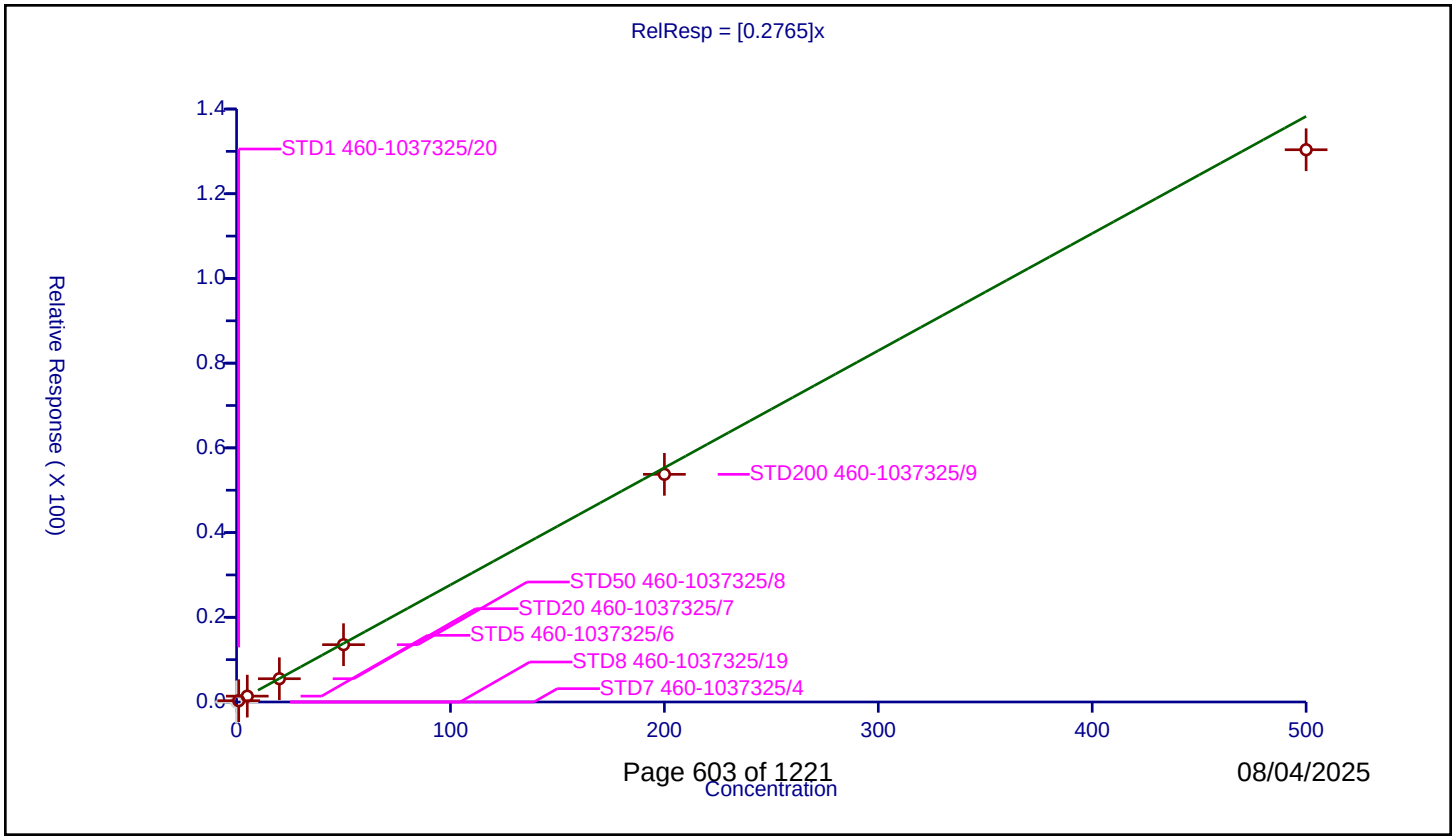
Curve Coefficients

Intercept:	0
Slope:	0.2765

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.308439	50.0	364092.0	0.308439	Y
4	STD5 460-1037325/6	5.0	1.38016	50.0	356879.0	0.276032	Y
5	STD20 460-1037325/7	20.0	5.491843	50.0	359078.0	0.274592	Y
6	STD50 460-1037325/8	50.0	13.532454	50.0	352316.0	0.270649	Y
7	STD200 460-1037325/9	200.0	53.749227	50.0	360541.0	0.268746	Y
8	STD500 460-1037325/10	500.0	130.385624	50.0	386724.0	0.260771	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

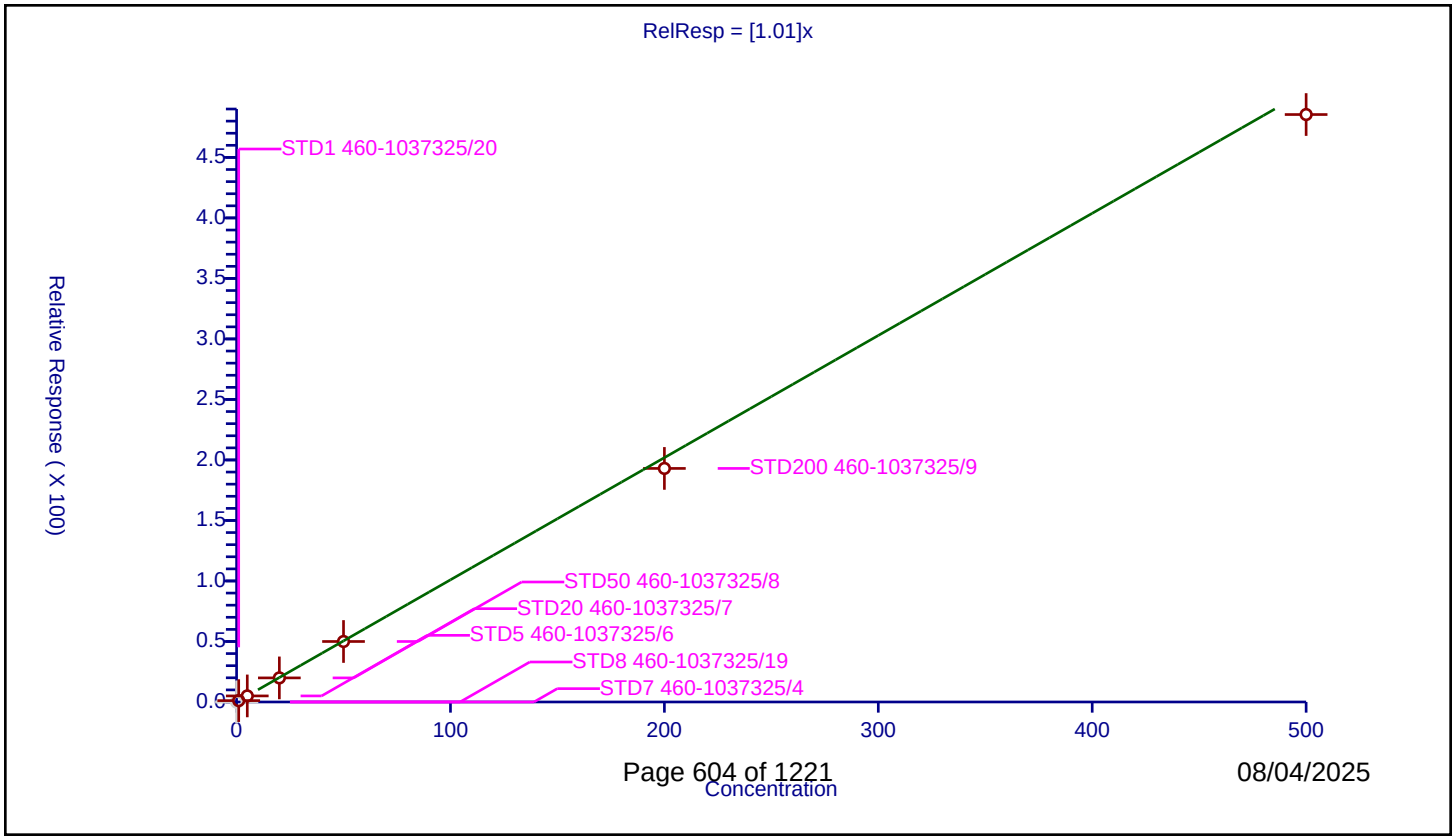
Curve Coefficients

Intercept:	0
Slope:	1.01

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	1.124716	50.0	364092.0	1.124716	Y
4	STD5 460-1037325/6	5.0	5.006179	50.0	356879.0	1.001236	Y
5	STD20 460-1037325/7	20.0	19.91726	50.0	359078.0	0.995863	Y
6	STD50 460-1037325/8	50.0	49.985241	50.0	352316.0	0.999705	Y
7	STD200 460-1037325/9	200.0	192.994001	50.0	360541.0	0.96497	Y
8	STD500 460-1037325/10	500.0	485.442202	50.0	386724.0	0.970884	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

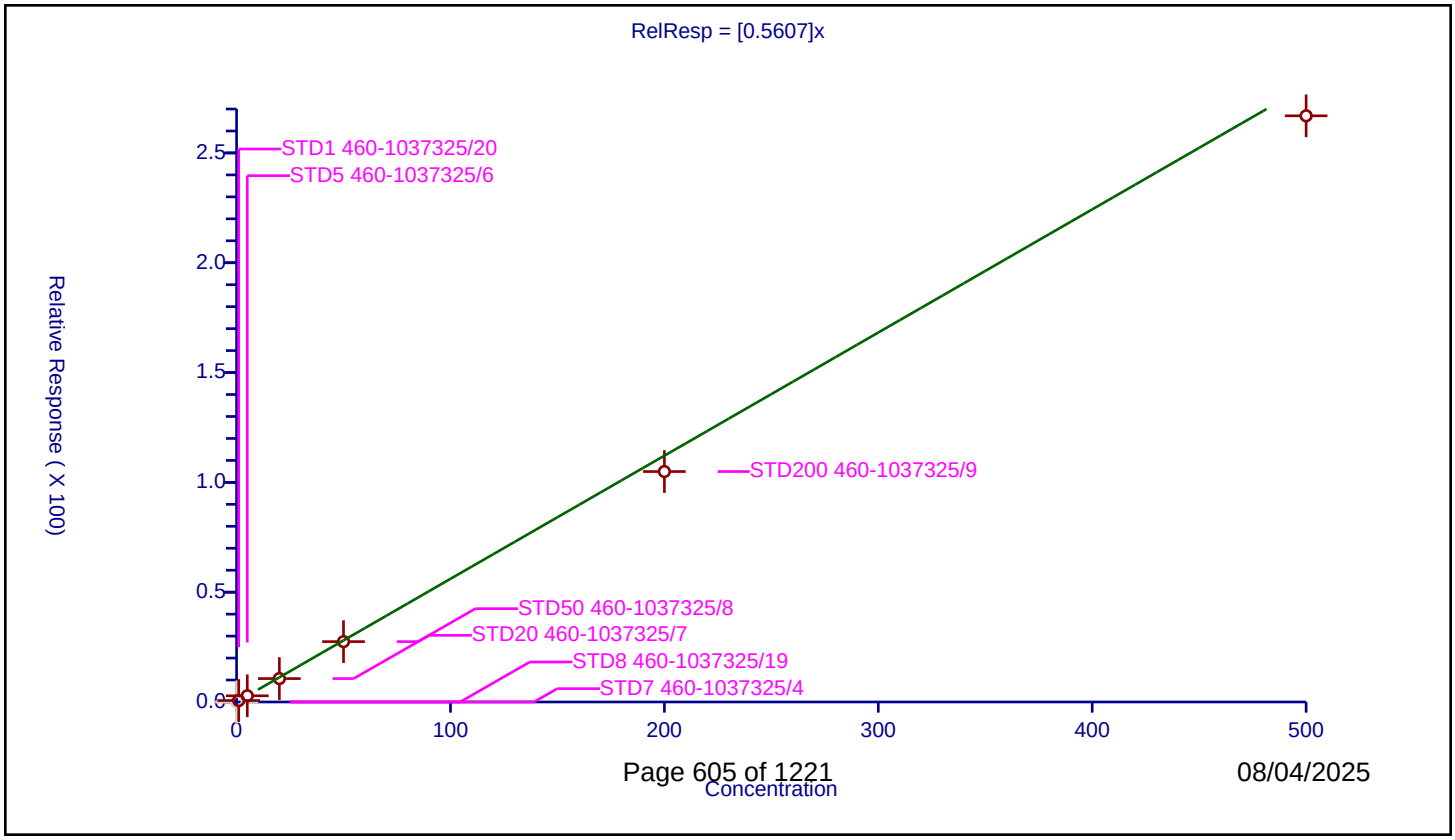
Curve Coefficients

Intercept:	0
Slope:	0.5607

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.65835	50.0	364092.0	0.65835	Y
4	STD5 460-1037325/6	5.0	2.828129	50.0	356879.0	0.565626	Y
5	STD20 460-1037325/7	20.0	10.64894	50.0	359078.0	0.532447	Y
6	STD50 460-1037325/8	50.0	27.478315	50.0	352316.0	0.549566	Y
7	STD200 460-1037325/9	200.0	104.923018	50.0	360541.0	0.524615	Y
8	STD500 460-1037325/10	500.0	266.909605	50.0	386724.0	0.533819	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

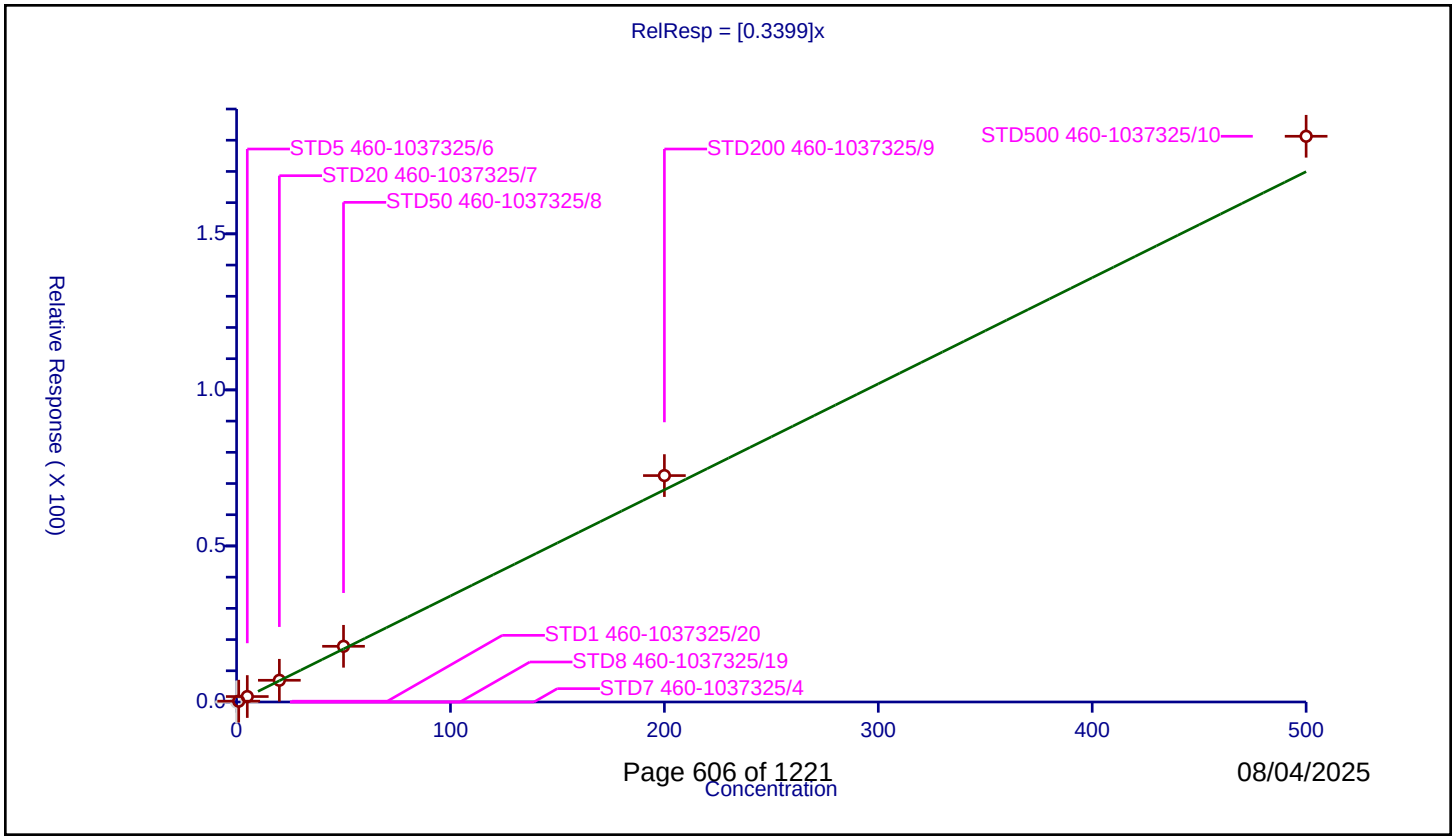
Curve Coefficients

Intercept:	0
Slope:	0.3399

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.259138	50.0	364092.0	0.259138	Y
4	STD5 460-1037325/6	5.0	1.748632	50.0	356879.0	0.349726	Y
5	STD20 460-1037325/7	20.0	6.962833	50.0	359078.0	0.348142	Y
6	STD50 460-1037325/8	50.0	17.843924	50.0	352316.0	0.356878	Y
7	STD200 460-1037325/9	200.0	72.547644	50.0	360541.0	0.362738	Y
8	STD500 460-1037325/10	500.0	181.268165	50.0	386724.0	0.362536	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

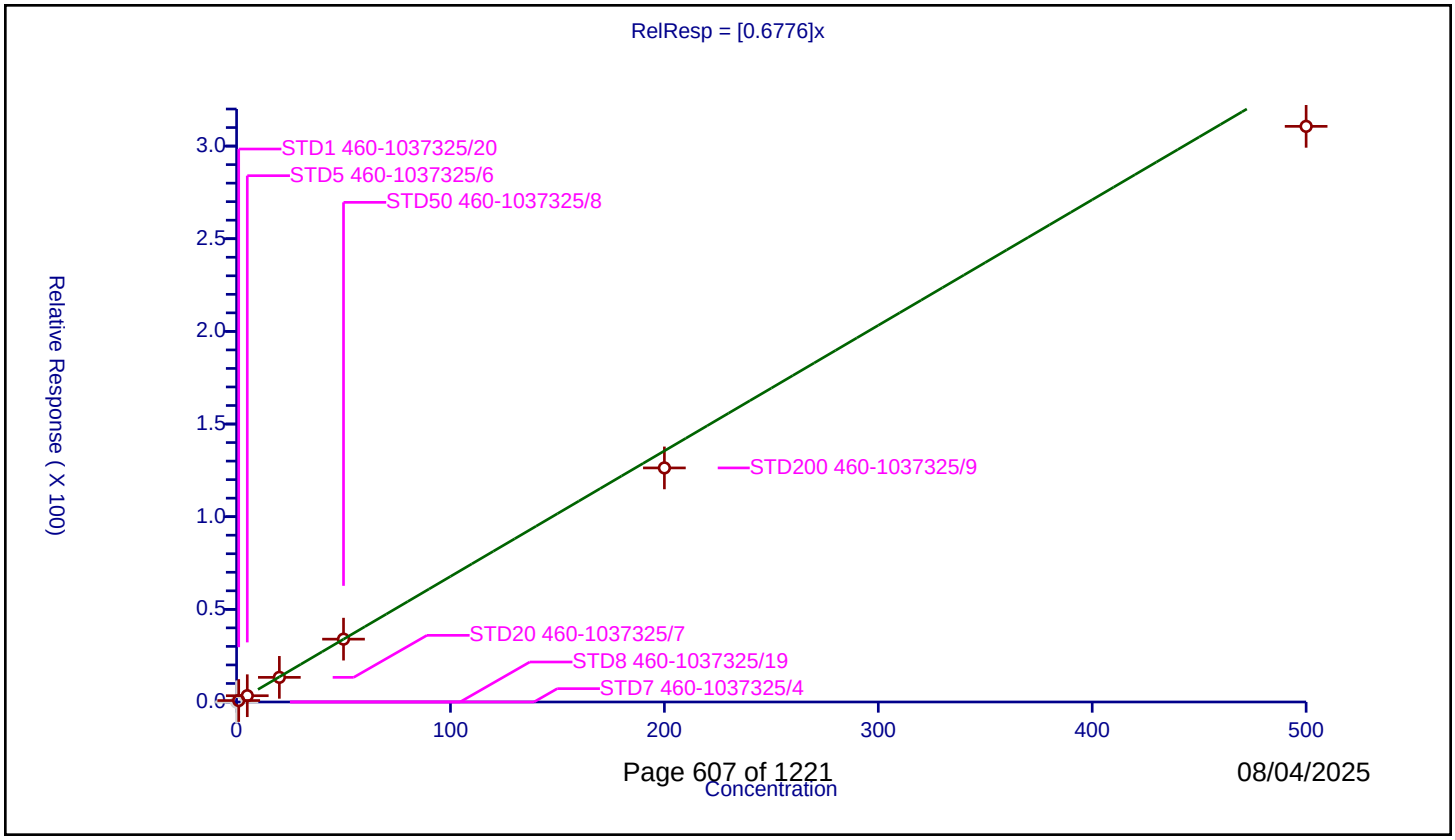
Curve Coefficients

Intercept:	0
Slope:	0.6776

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.790734	50.0	364092.0	0.790734	Y
4	STD5 460-1037325/6	5.0	3.393587	50.0	356879.0	0.678717	Y
5	STD20 460-1037325/7	20.0	13.294744	50.0	359078.0	0.664737	Y
6	STD50 460-1037325/8	50.0	33.916285	50.0	352316.0	0.678326	Y
7	STD200 460-1037325/9	200.0	126.320308	50.0	360541.0	0.631602	Y
8	STD500 460-1037325/10	500.0	310.652688	50.0	386724.0	0.621305	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

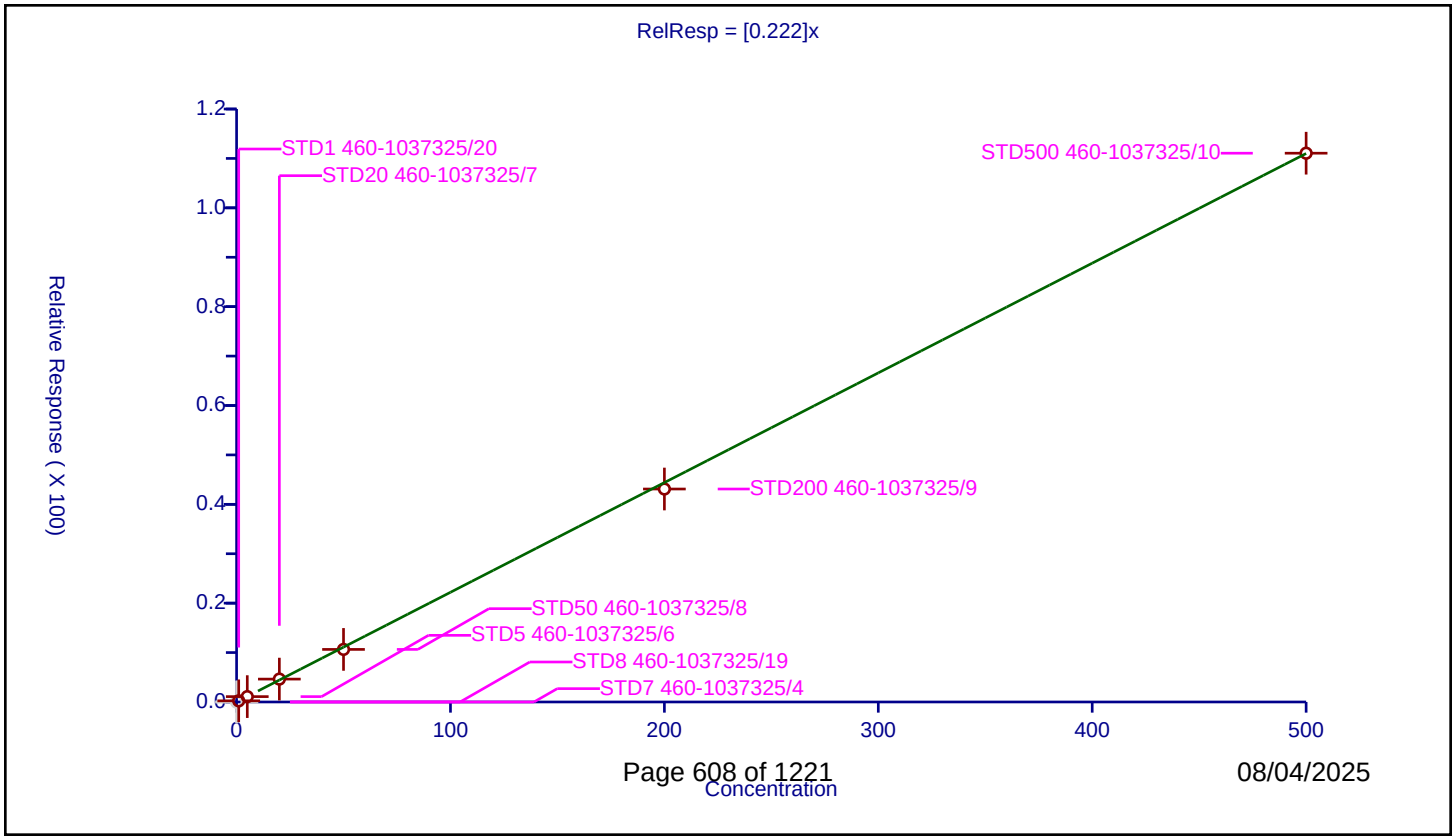
Curve Coefficients

Intercept:	0
Slope:	0.222

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.232496	50.0	364092.0	0.232496	Y
4	STD5 460-1037325/6	5.0	1.086923	50.0	356879.0	0.217385	Y
5	STD20 460-1037325/7	20.0	4.634508	50.0	359078.0	0.231725	Y
6	STD50 460-1037325/8	50.0	10.638461	50.0	352316.0	0.212769	Y
7	STD200 460-1037325/9	200.0	43.101755	50.0	360541.0	0.215509	Y
8	STD500 460-1037325/10	500.0	111.058921	50.0	386724.0	0.222118	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

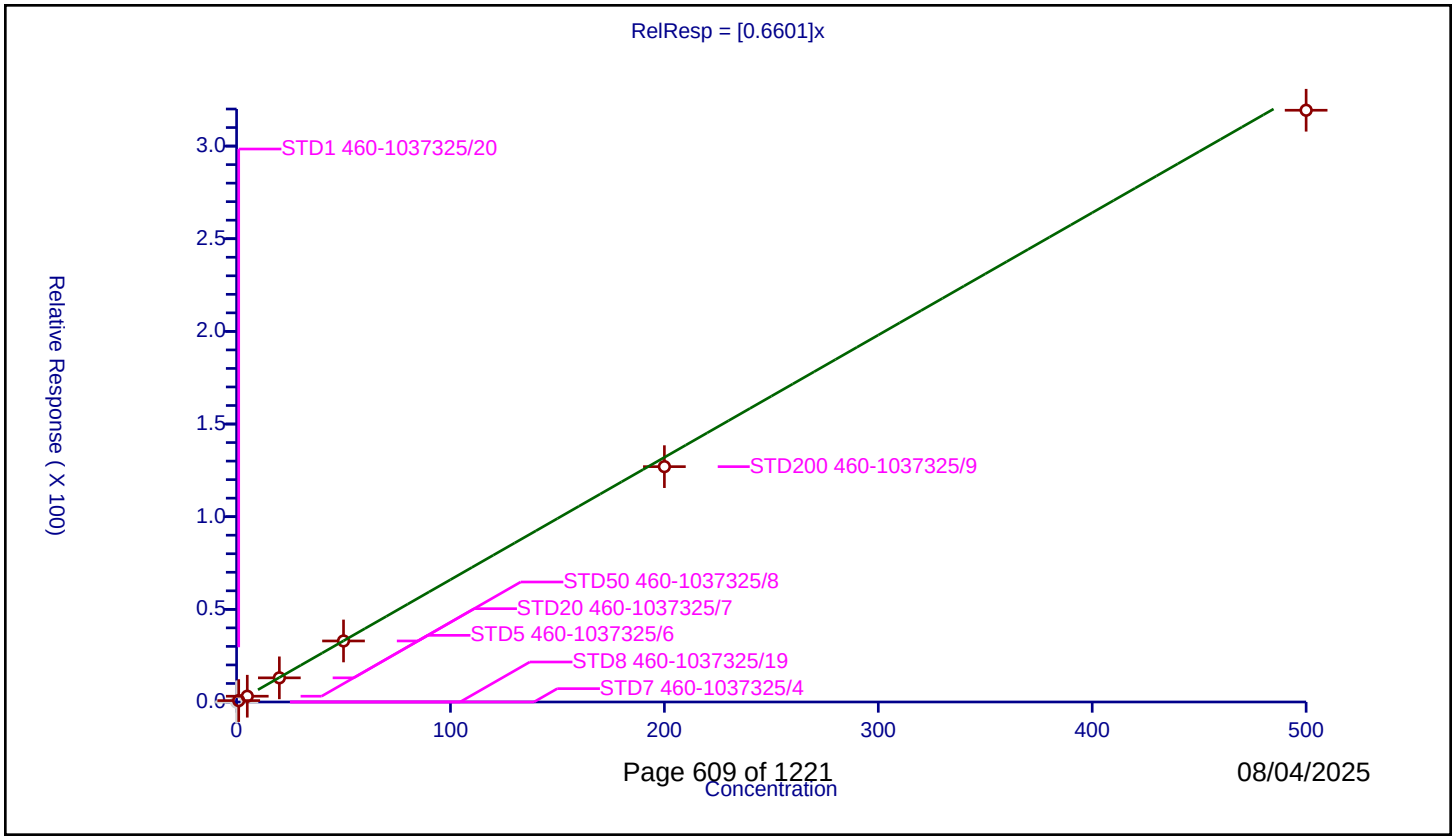
Curve Coefficients

Intercept:	0
Slope:	0.6601

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.753244	50.0	364092.0	0.753244	Y
4	STD5 460-1037325/6	5.0	3.115342	50.0	356879.0	0.623068	Y
5	STD20 460-1037325/7	20.0	13.03714	50.0	359078.0	0.651857	Y
6	STD50 460-1037325/8	50.0	32.934212	50.0	352316.0	0.658684	Y
7	STD200 460-1037325/9	200.0	127.007469	50.0	360541.0	0.635037	Y
8	STD500 460-1037325/10	500.0	319.331746	50.0	386724.0	0.638663	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

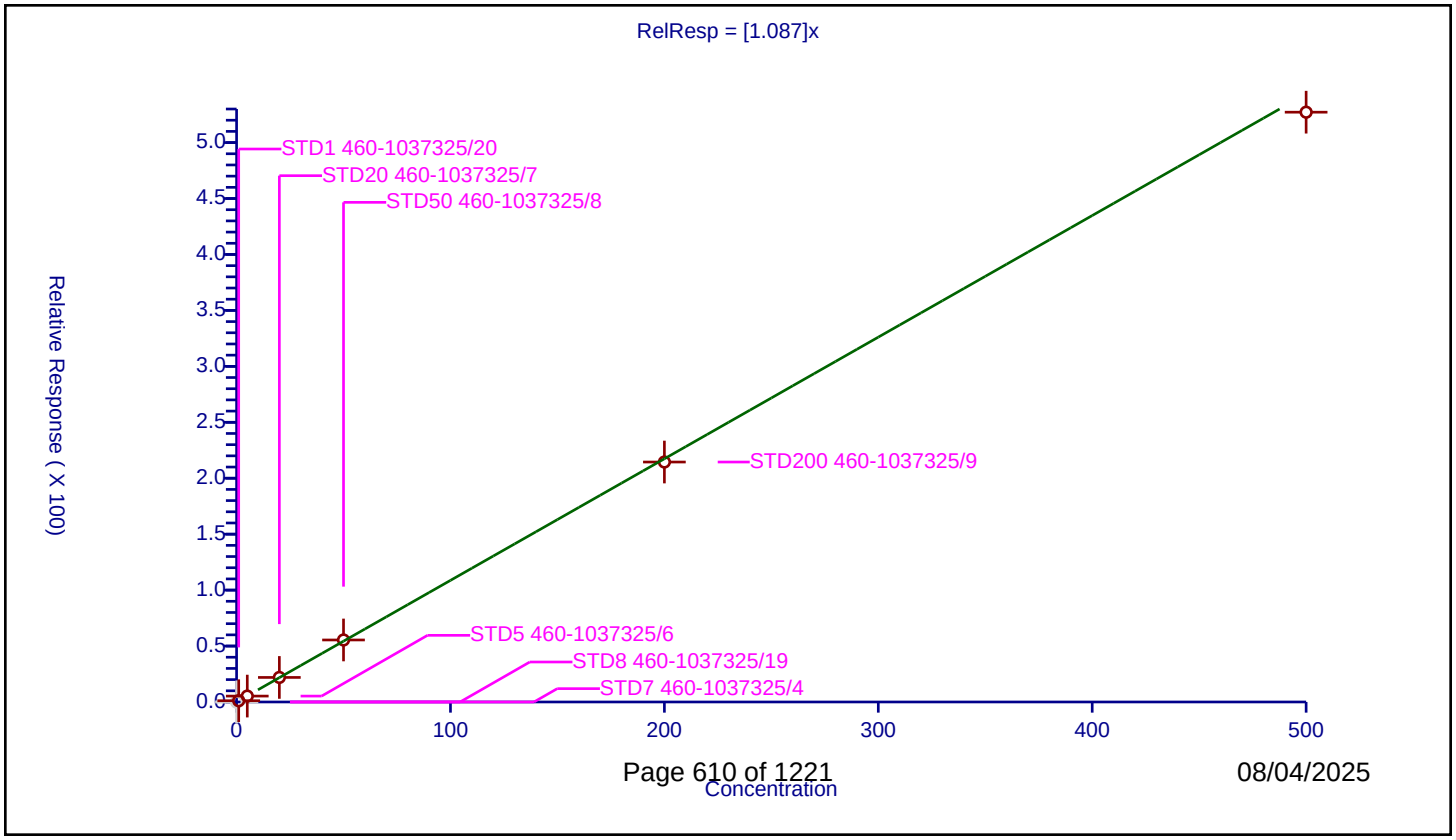
Curve Coefficients

Intercept:	0
Slope:	1.087

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	1.131719	50.0	364092.0	1.131719	Y
4	STD5 460-1037325/6	5.0	5.289048	50.0	356879.0	1.05781	Y
5	STD20 460-1037325/7	20.0	21.940637	50.0	359078.0	1.097032	Y
6	STD50 460-1037325/8	50.0	55.418857	50.0	352316.0	1.108377	Y
7	STD200 460-1037325/9	200.0	214.487673	50.0	360541.0	1.072438	Y
8	STD500 460-1037325/10	500.0	527.174678	50.0	386724.0	1.054349	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

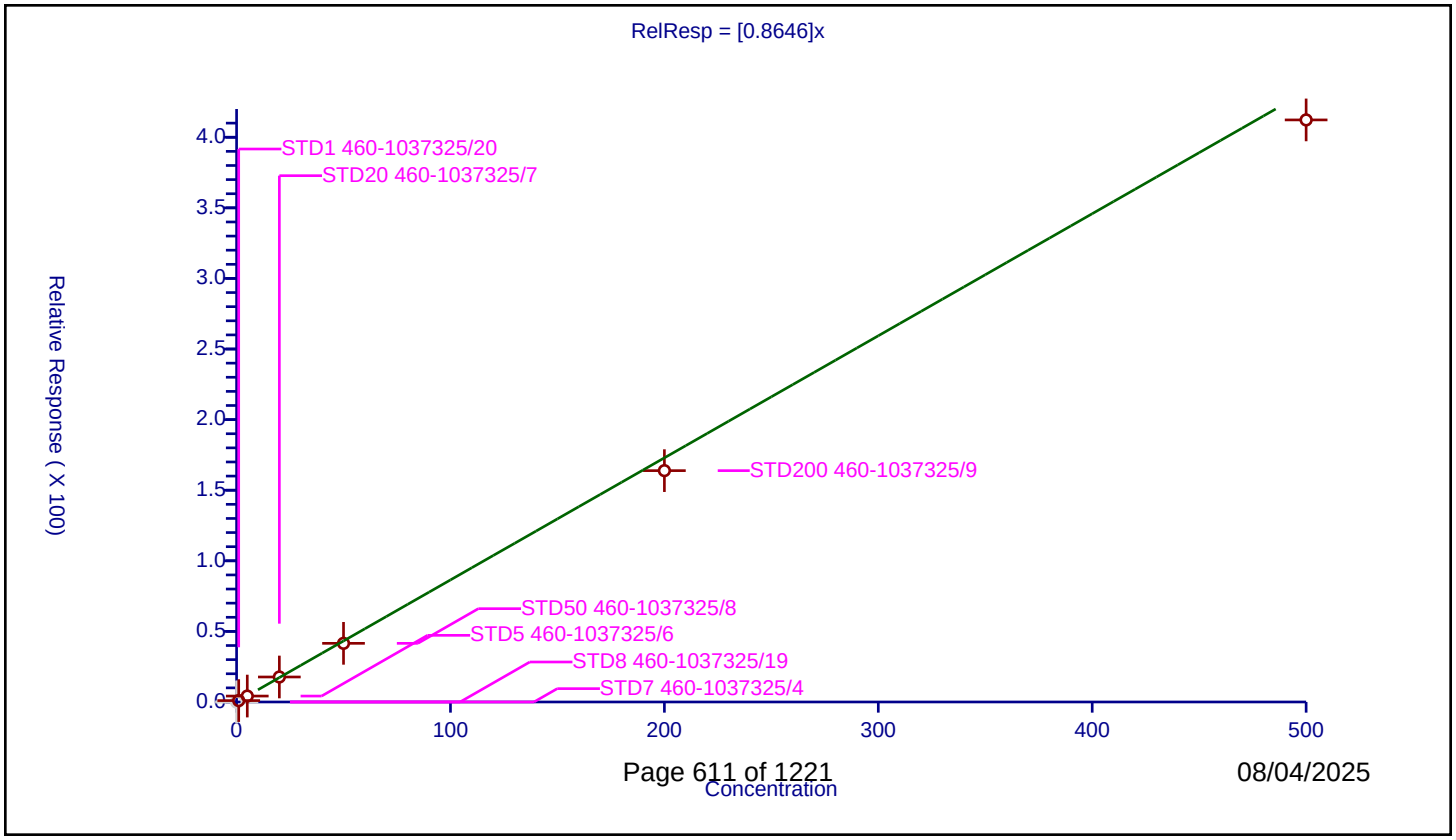
Curve Coefficients

Intercept:	0
Slope:	0.8646

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.988564	50.0	177075.0	0.988564	Y
4	STD5 460-1037325/6	5.0	4.193828	50.0	175186.0	0.838766	Y
5	STD20 460-1037325/7	20.0	17.715612	50.0	175176.0	0.885781	Y
6	STD50 460-1037325/8	50.0	41.534852	50.0	172212.0	0.830697	Y
7	STD200 460-1037325/9	200.0	163.860797	50.0	176505.0	0.819304	Y
8	STD500 460-1037325/10	500.0	412.281061	50.0	185554.0	0.824562	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

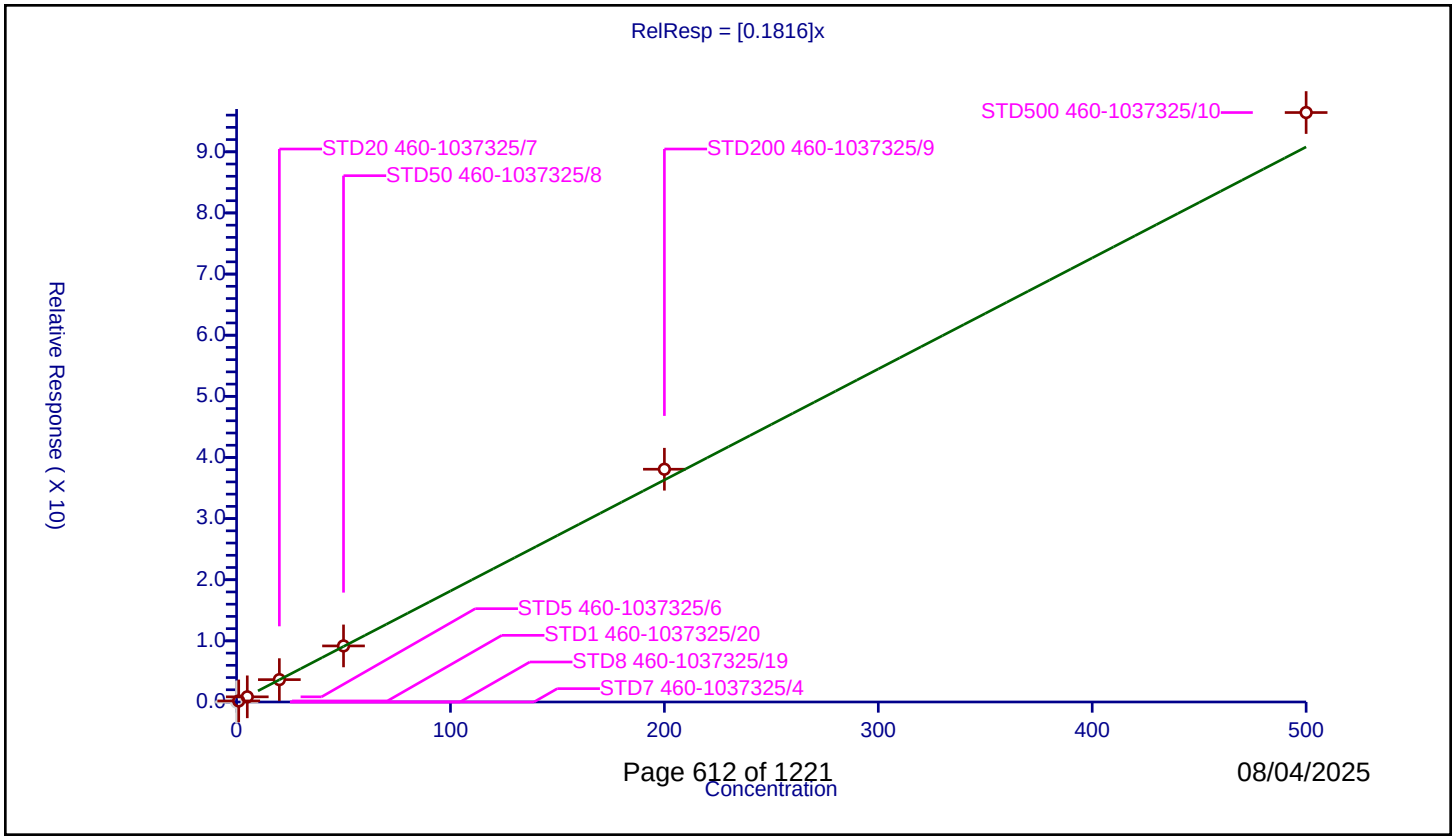
Curve Coefficients

Intercept:	0
Slope:	0.1816

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.170973	50.0	364092.0	0.170973	Y
4	STD5 460-1037325/6	5.0	0.845525	50.0	356879.0	0.169105	Y
5	STD20 460-1037325/7	20.0	3.655891	50.0	359078.0	0.182795	Y
6	STD50 460-1037325/8	50.0	9.172589	50.0	352316.0	0.183452	Y
7	STD200 460-1037325/9	200.0	38.074588	50.0	360541.0	0.190373	Y
8	STD500 460-1037325/10	500.0	96.425358	50.0	386724.0	0.192851	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

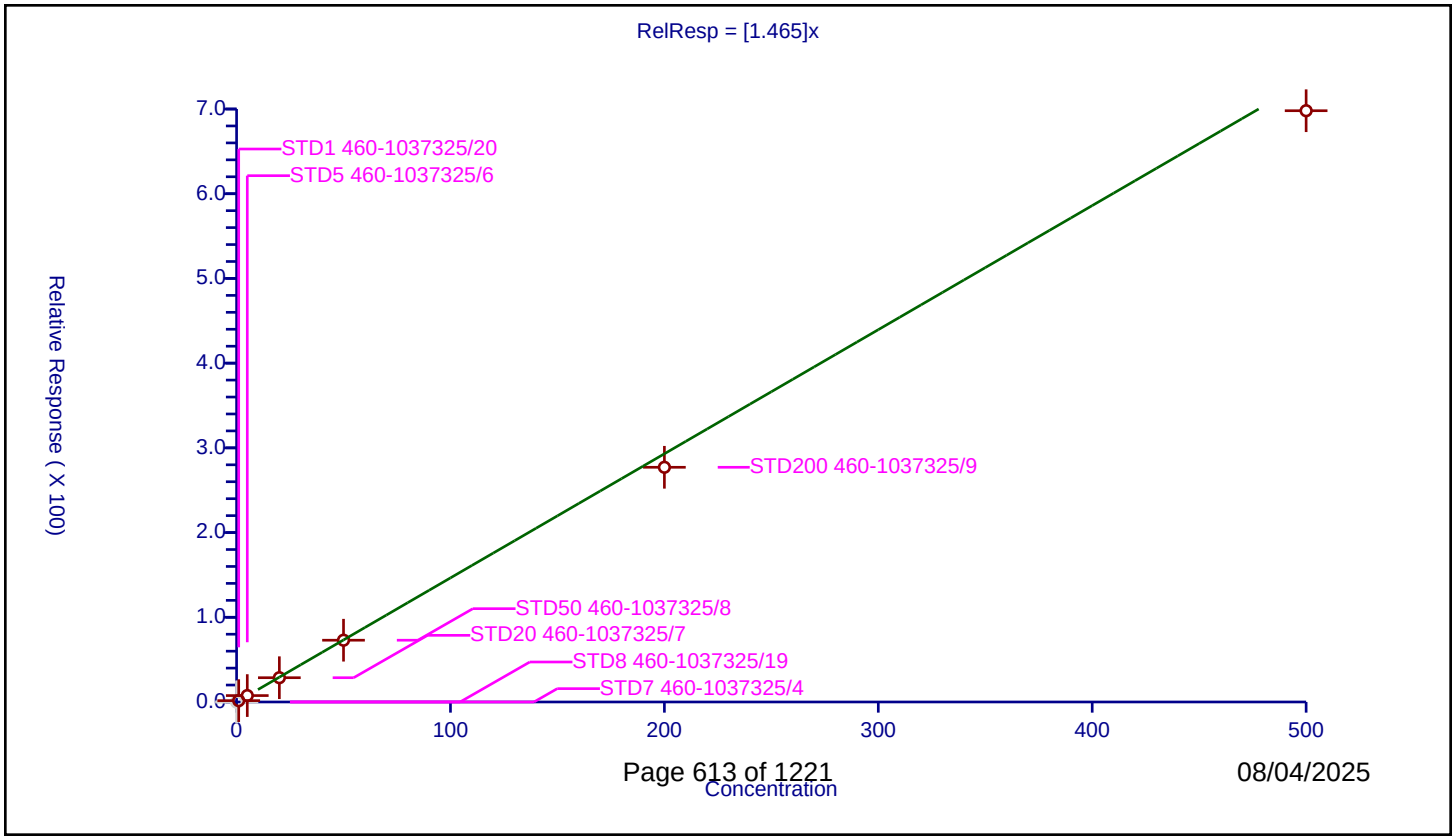
Curve Coefficients

Intercept:	0
Slope:	1.465

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	1.602068	50.0	364092.0	1.602068	Y
4	STD5 460-1037325/6	5.0	7.574556	50.0	356879.0	1.514911	Y
5	STD20 460-1037325/7	20.0	28.662853	50.0	359078.0	1.433143	Y
6	STD50 460-1037325/8	50.0	72.934525	50.0	352316.0	1.45869	Y
7	STD200 460-1037325/9	200.0	277.059058	50.0	360541.0	1.385295	Y
8	STD500 460-1037325/10	500.0	697.990298	50.0	386724.0	1.395981	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

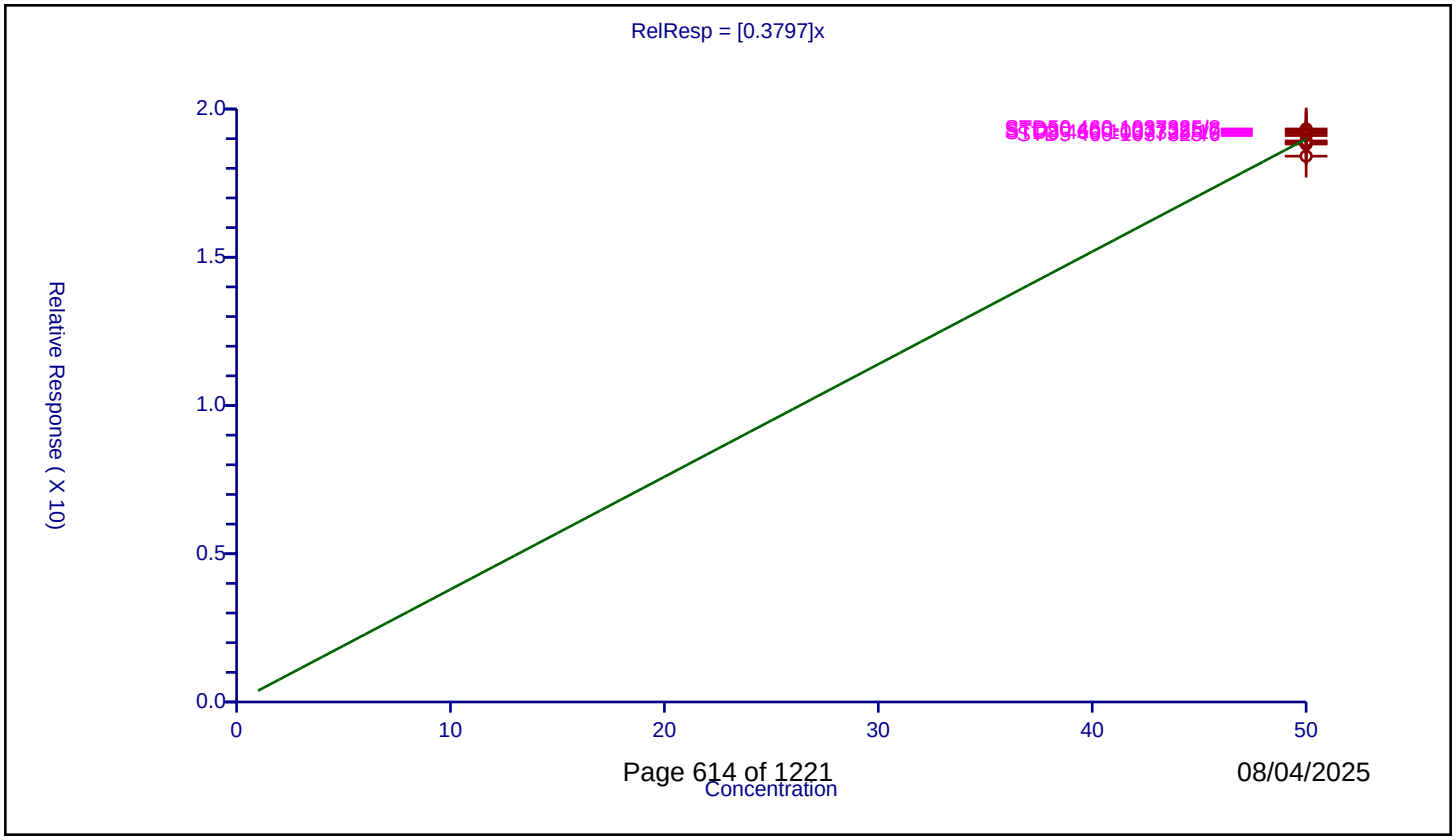
Curve Coefficients

Intercept:	0
Slope:	0.3797

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	50.0	18.410107	50.0	363993.0	0.368202	Y
2	STD5 460-1037325/6	50.0	19.105075	50.0	356879.0	0.382101	Y
3	STD20 460-1037325/7	50.0	19.258768	50.0	359078.0	0.385175	Y
4	STD50 460-1037325/8	50.0	19.328103	50.0	352316.0	0.386562	Y
5	STD200 460-1037325/9	50.0	18.865122	50.0	360541.0	0.377302	Y
6	STD500 460-1037325/10	50.0	18.819365	50.0	386724.0	0.376387	Y
7	STD8 460-1037325/19	50.0	19.181562	50.0	365489.0	0.383631	Y
8	STD1 460-1037325/20	50.0	18.923102	50.0	364092.0	0.378462	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

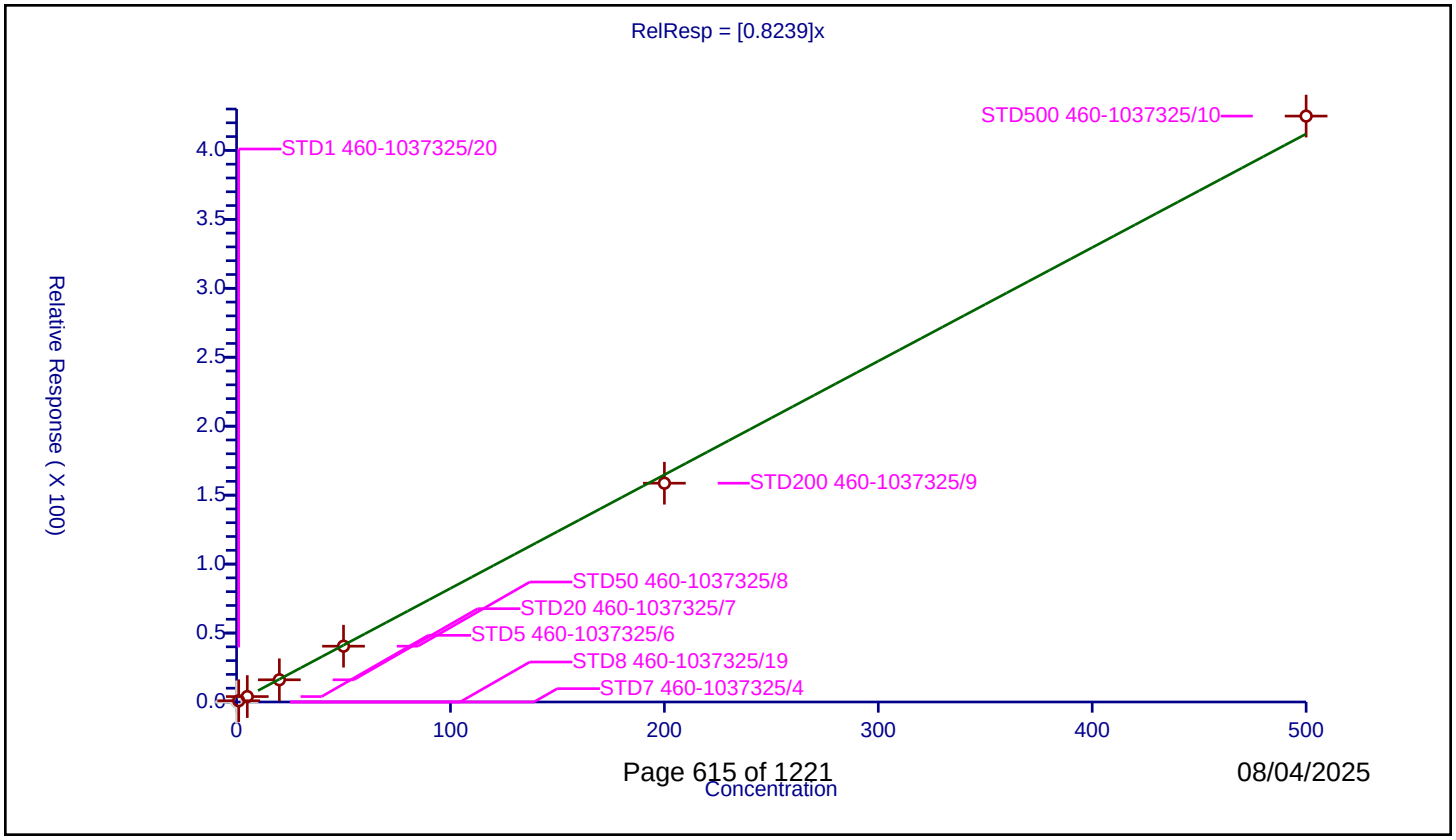
Curve Coefficients

Intercept:	0
Slope:	0.8239

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.898207	50.0	177075.0	0.898207	Y
4	STD5 460-1037325/6	5.0	3.940954	50.0	175186.0	0.788191	Y
5	STD20 460-1037325/7	20.0	16.092958	50.0	175176.0	0.804648	Y
6	STD50 460-1037325/8	50.0	40.470176	50.0	172212.0	0.809404	Y
7	STD200 460-1037325/9	200.0	158.663777	50.0	176505.0	0.793319	Y
8	STD500 460-1037325/10	500.0	424.871466	50.0	185554.0	0.849743	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

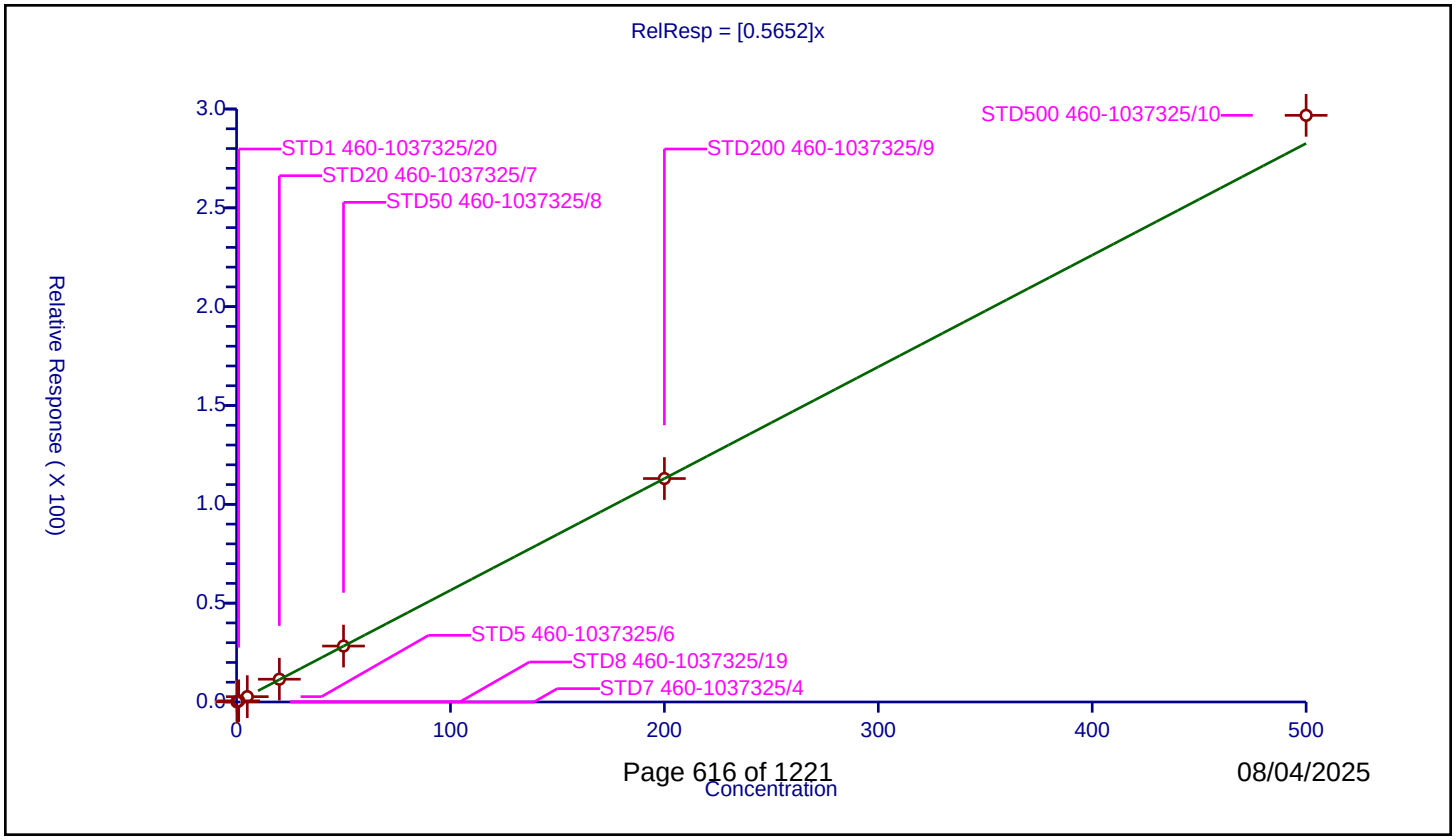
Curve Coefficients

Intercept:	0
Slope:	0.5652

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.107389	50.0	174599.0	0.536945	Y
3	STD1 460-1037325/20	1.0	0.578004	50.0	177075.0	0.578004	Y
4	STD5 460-1037325/6	5.0	2.700558	50.0	175186.0	0.540112	Y
5	STD20 460-1037325/7	20.0	11.529547	50.0	175176.0	0.576477	Y
6	STD50 460-1037325/8	50.0	28.295067	50.0	172212.0	0.565901	Y
7	STD200 460-1037325/9	200.0	113.047222	50.0	176505.0	0.565236	Y
8	STD500 460-1037325/10	500.0	296.807668	50.0	185554.0	0.593615	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

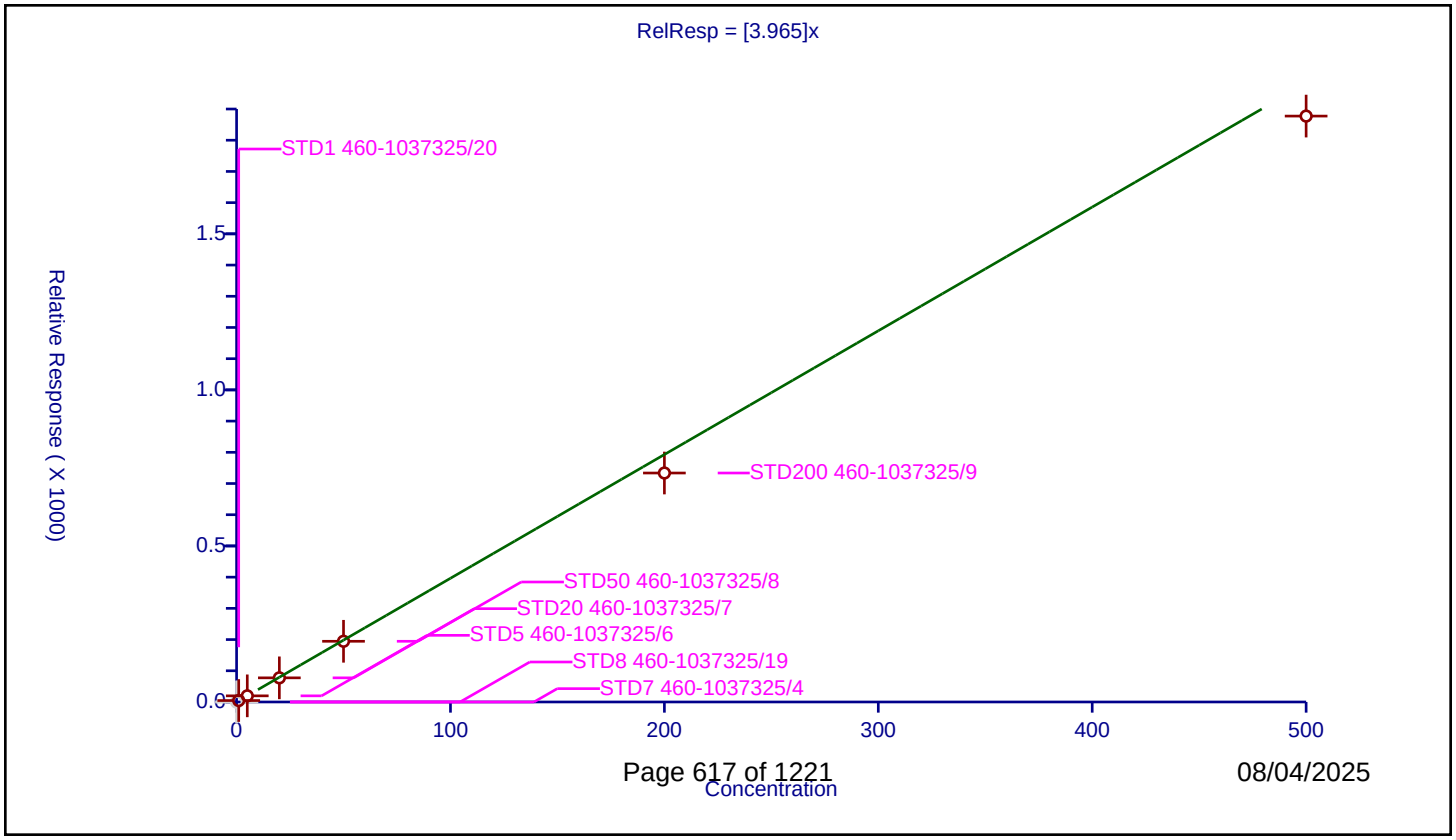
Curve Coefficients

Intercept:	0
Slope:	3.965

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	4.663843	50.0	177075.0	4.663843	Y
4	STD5 460-1037325/6	5.0	19.708481	50.0	175186.0	3.941696	Y
5	STD20 460-1037325/7	20.0	77.365621	50.0	175176.0	3.868281	Y
6	STD50 460-1037325/8	50.0	194.524191	50.0	172212.0	3.890484	Y
7	STD200 460-1037325/9	200.0	733.678083	50.0	176505.0	3.66839	Y
8	STD500 460-1037325/10	500.0	1877.352415	50.0	185554.0	3.754705	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

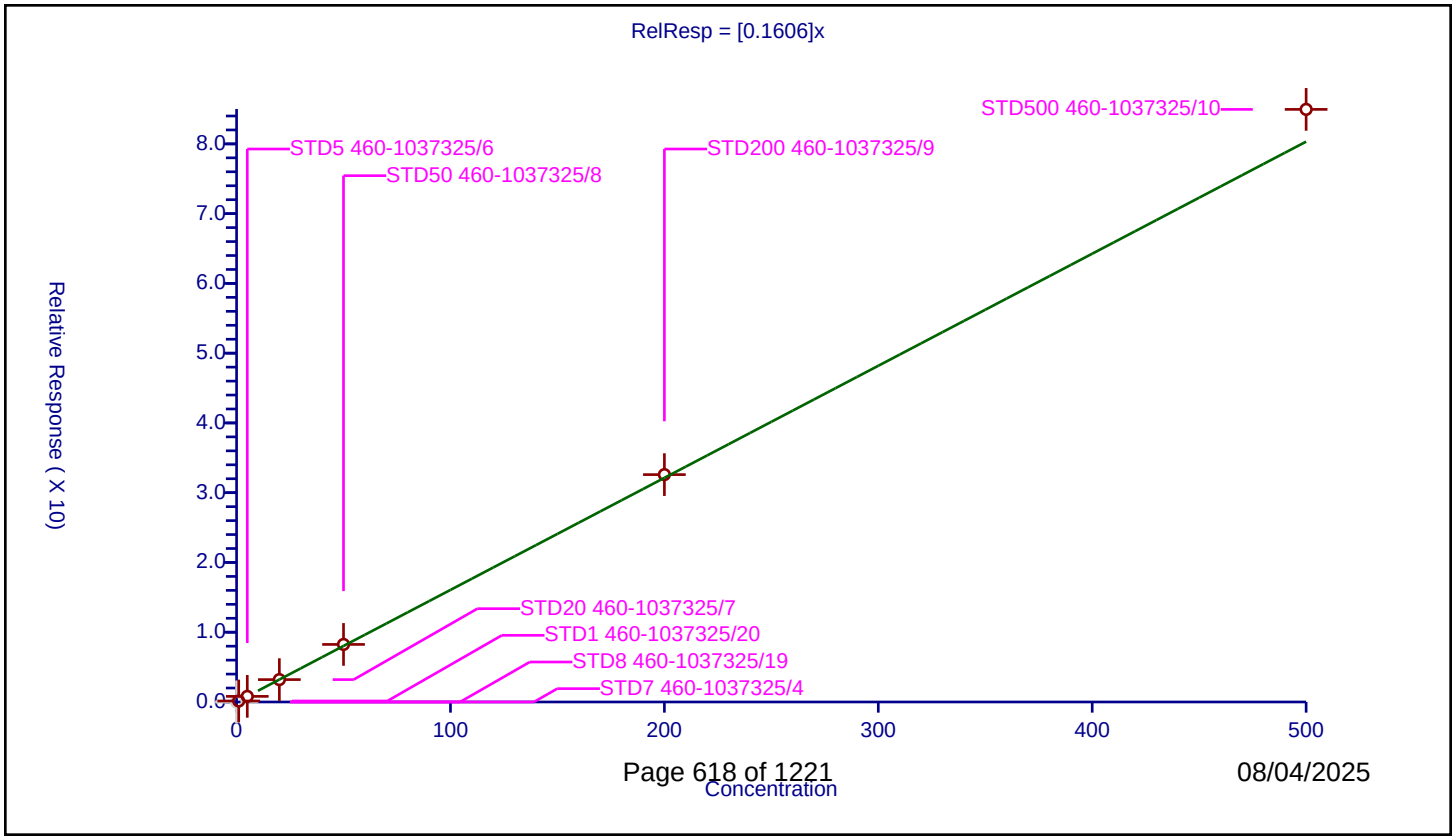
Curve Coefficients

Intercept:	0
Slope:	0.1606

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.144854	50.0	177075.0	0.144854	Y
4	STD5 460-1037325/6	5.0	0.803717	50.0	175186.0	0.160743	Y
5	STD20 460-1037325/7	20.0	3.207631	50.0	175176.0	0.160382	Y
6	STD50 460-1037325/8	50.0	8.250877	50.0	172212.0	0.165018	Y
7	STD200 460-1037325/9	200.0	32.593411	50.0	176505.0	0.162967	Y
8	STD500 460-1037325/10	500.0	84.947509	50.0	185554.0	0.169895	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

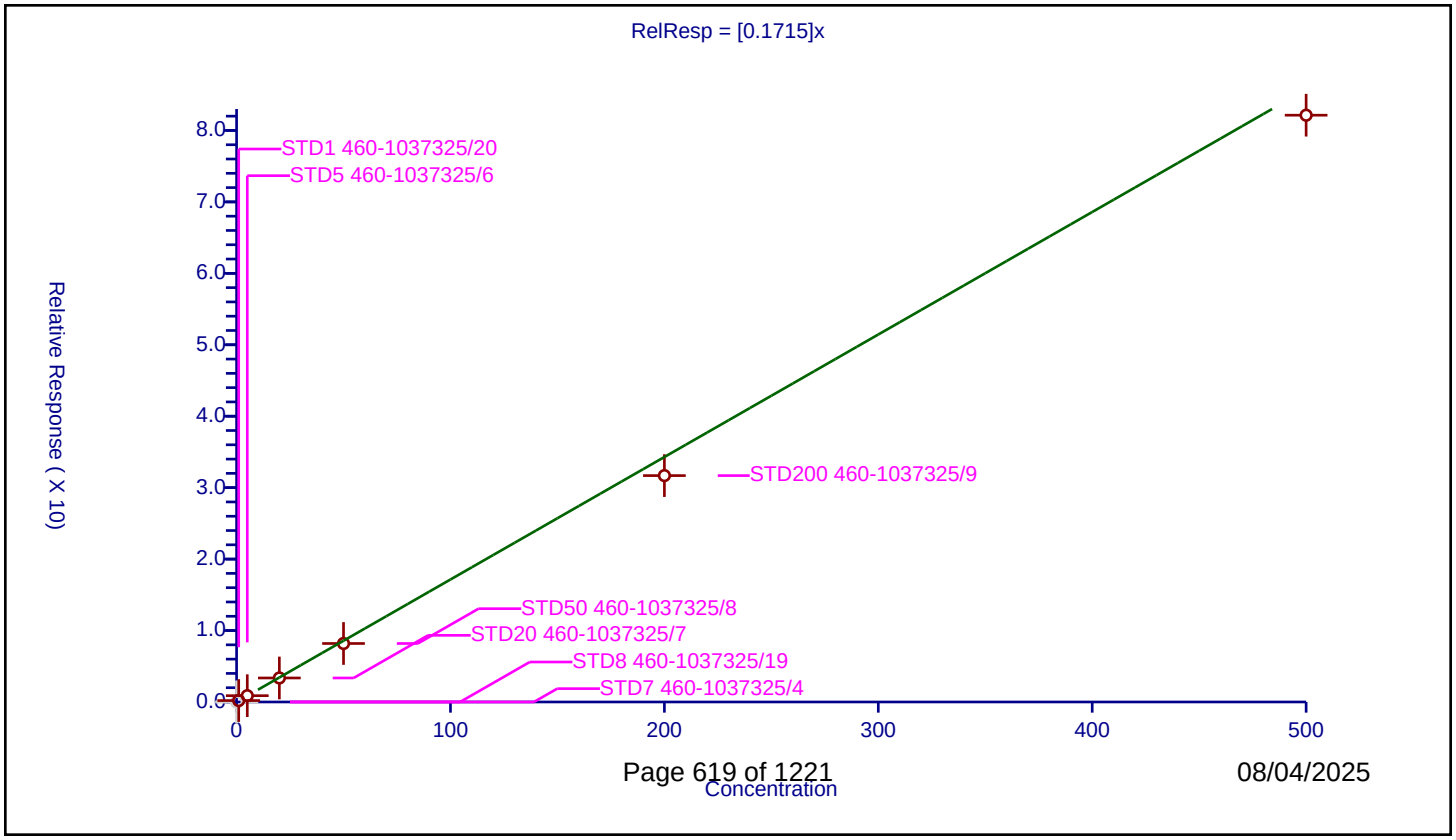
Curve Coefficients

Intercept:	0
Slope:	0.1715

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.197939	50.0	177075.0	0.197939	Y
4	STD5 460-1037325/6	5.0	0.881634	50.0	175186.0	0.176327	Y
5	STD20 460-1037325/7	20.0	3.359478	50.0	175176.0	0.167974	Y
6	STD50 460-1037325/8	50.0	8.189034	50.0	172212.0	0.163781	Y
7	STD200 460-1037325/9	200.0	31.688904	50.0	176505.0	0.158445	Y
8	STD500 460-1037325/10	500.0	82.134042	50.0	185554.0	0.164268	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

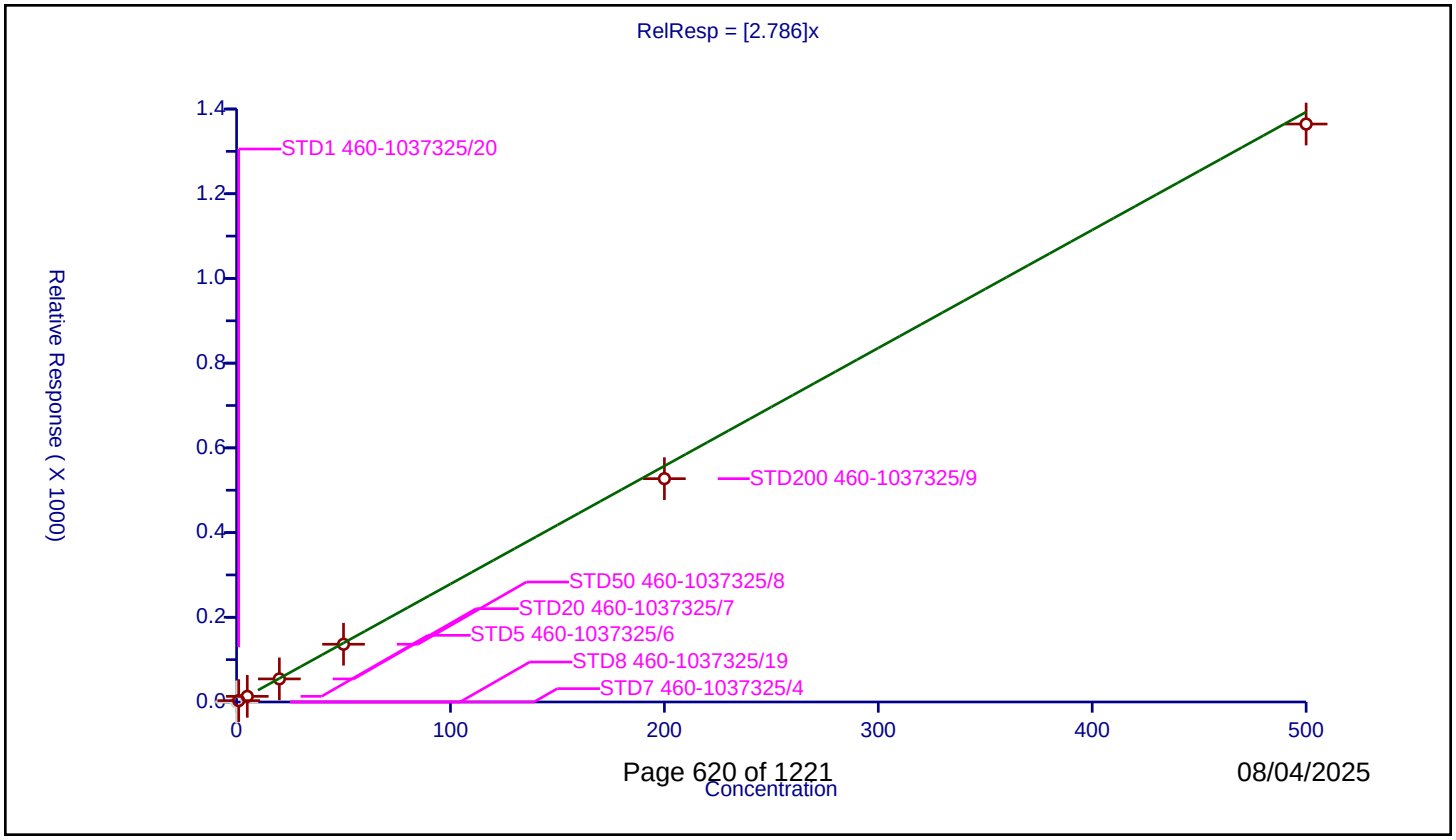
Curve Coefficients

Intercept:	0
Slope:	2.786

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	3.233658	50.0	177075.0	3.233658	Y
4	STD5 460-1037325/6	5.0	13.323268	50.0	175186.0	2.664654	Y
5	STD20 460-1037325/7	20.0	54.497191	50.0	175176.0	2.72486	Y
6	STD50 460-1037325/8	50.0	136.345609	50.0	172212.0	2.726912	Y
7	STD200 460-1037325/9	200.0	527.284213	50.0	176505.0	2.636421	Y
8	STD500 460-1037325/10	500.0	1364.567457	50.0	185554.0	2.729135	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

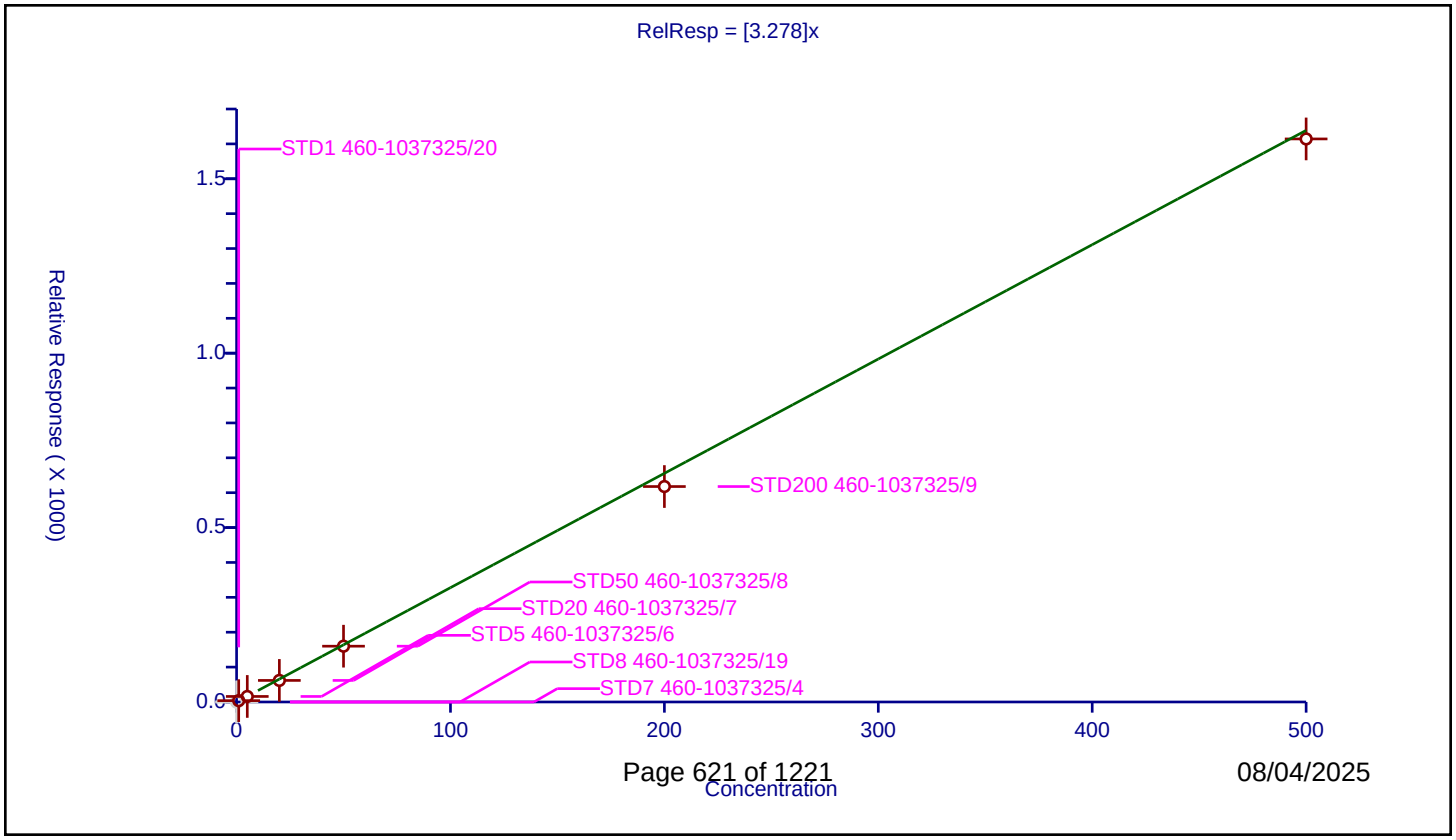
Curve Coefficients

Intercept:	0
Slope:	3.278

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	3.8831	50.0	177075.0	3.8831	Y
4	STD5 460-1037325/6	5.0	15.881691	50.0	175186.0	3.176338	Y
5	STD20 460-1037325/7	20.0	61.799276	50.0	175176.0	3.089964	Y
6	STD50 460-1037325/8	50.0	159.961559	50.0	172212.0	3.199231	Y
7	STD200 460-1037325/9	200.0	617.660689	50.0	176505.0	3.088303	Y
8	STD500 460-1037325/10	500.0	1614.21473	50.0	185554.0	3.228429	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

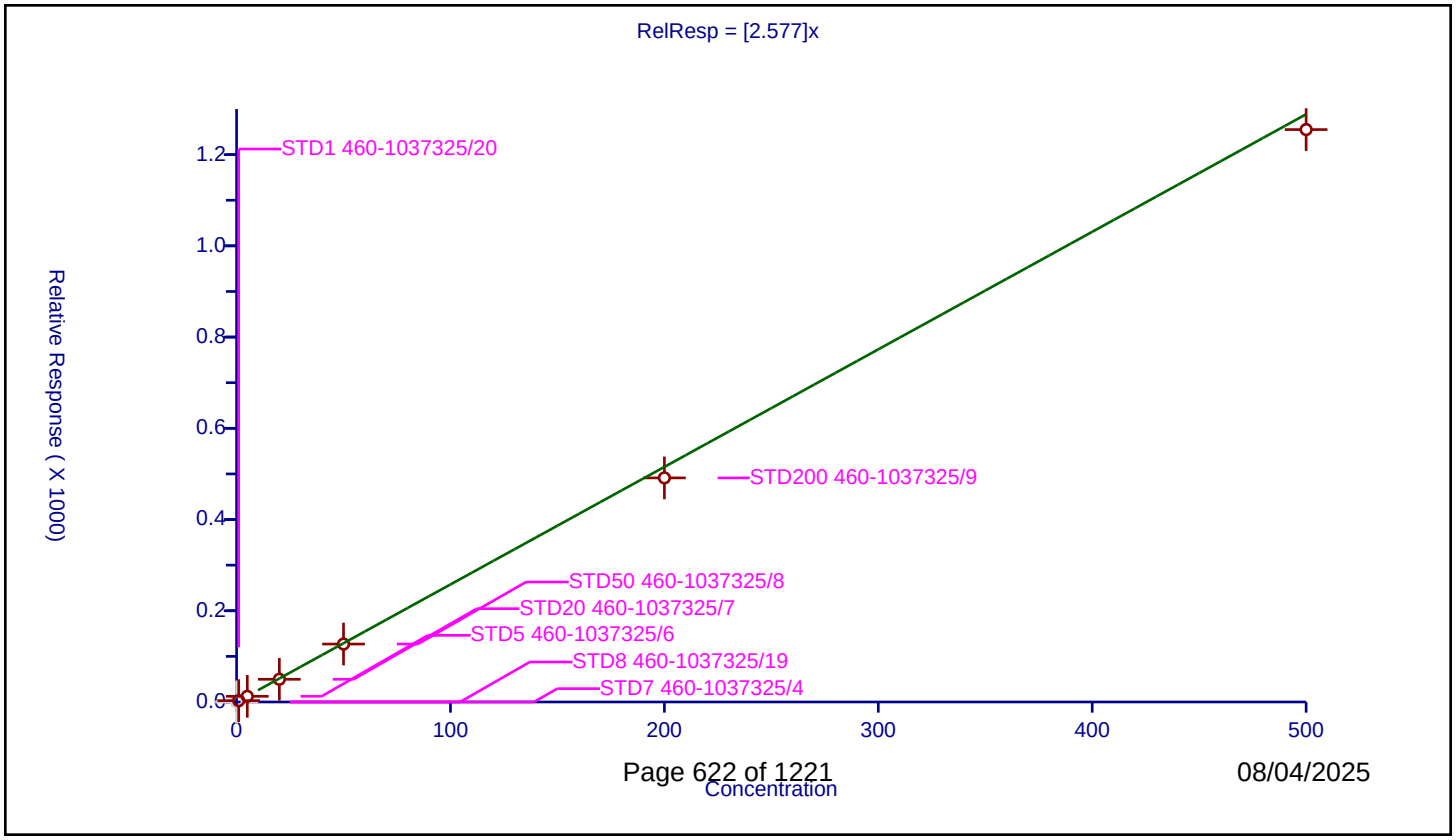
Curve Coefficients

Intercept:	0
Slope:	2.577

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.976987	50.0	177075.0	2.976987	Y
4	STD5 460-1037325/6	5.0	12.442204	50.0	175186.0	2.488441	Y
5	STD20 460-1037325/7	20.0	49.785359	50.0	175176.0	2.489268	Y
6	STD50 460-1037325/8	50.0	127.020765	50.0	172212.0	2.540415	Y
7	STD200 460-1037325/9	200.0	491.306195	50.0	176505.0	2.456531	Y
8	STD500 460-1037325/10	500.0	1254.914742	50.0	185554.0	2.509829	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

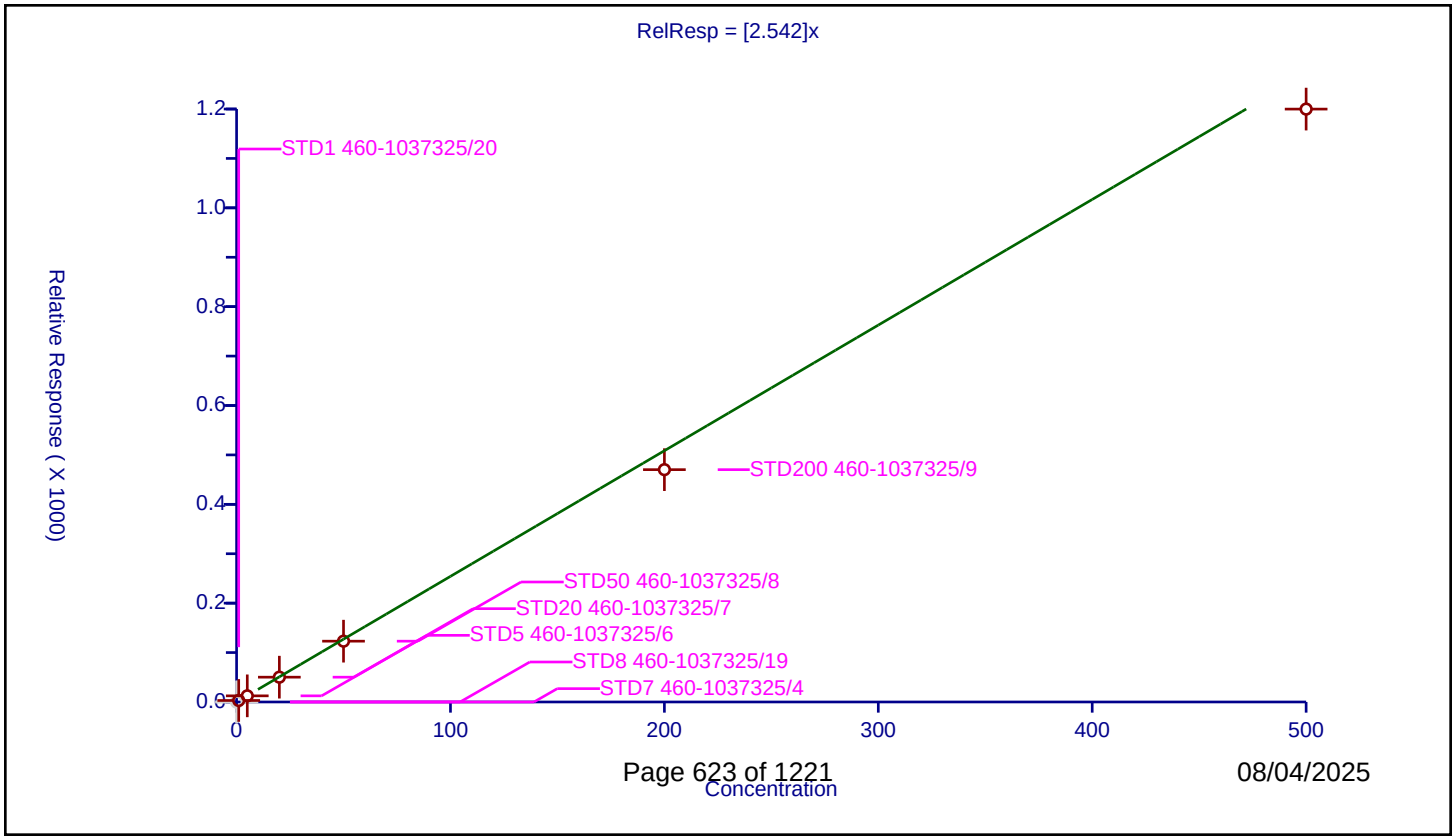
Curve Coefficients

Intercept:	0
Slope:	2.542

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	3.040802	50.0	177075.0	3.040802	Y
4	STD5 460-1037325/6	5.0	12.459329	50.0	175186.0	2.491866	Y
5	STD20 460-1037325/7	20.0	50.198372	50.0	175176.0	2.509919	Y
6	STD50 460-1037325/8	50.0	123.071563	50.0	172212.0	2.461431	Y
7	STD200 460-1037325/9	200.0	470.160619	50.0	176505.0	2.350803	Y
8	STD500 460-1037325/10	500.0	1199.850717	50.0	185554.0	2.399701	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

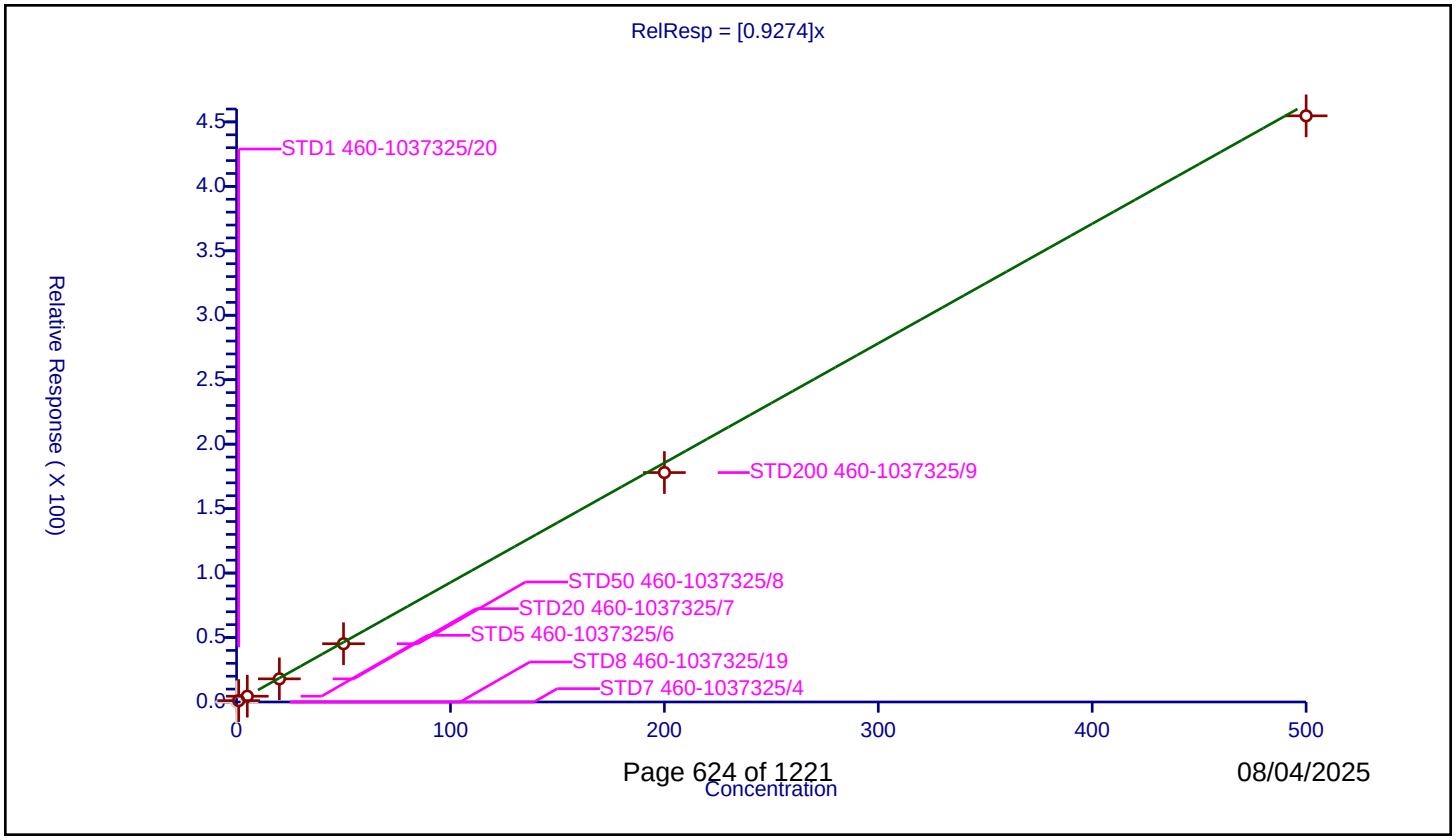
Curve Coefficients

Intercept:	0
Slope:	0.9274

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.068756	50.0	177075.0	1.068756	Y
4	STD5 460-1037325/6	5.0	4.476671	50.0	175186.0	0.895334	Y
5	STD20 460-1037325/7	20.0	17.947379	50.0	175176.0	0.897369	Y
6	STD50 460-1037325/8	50.0	45.194295	50.0	172212.0	0.903886	Y
7	STD200 460-1037325/9	200.0	177.98476	50.0	176505.0	0.889924	Y
8	STD500 460-1037325/10	500.0	454.707255	50.0	185554.0	0.909415	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

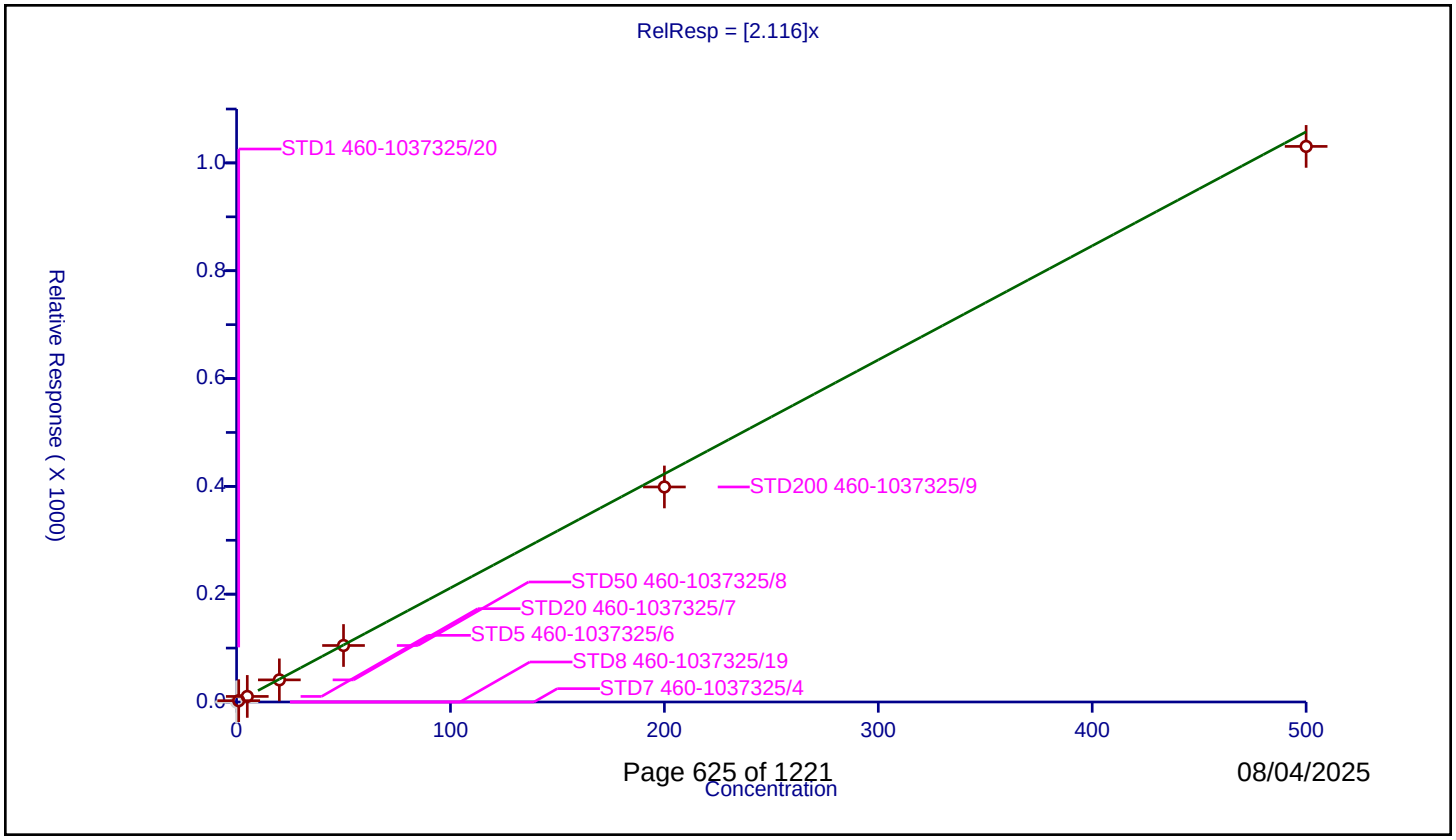
Curve Coefficients

Intercept:	0
Slope:	2.116

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.428914	50.0	177075.0	2.428914	Y
4	STD5 460-1037325/6	5.0	10.301051	50.0	175186.0	2.06021	Y
5	STD20 460-1037325/7	20.0	41.040154	50.0	175176.0	2.052008	Y
6	STD50 460-1037325/8	50.0	104.81877	50.0	172212.0	2.096375	Y
7	STD200 460-1037325/9	200.0	398.864055	50.0	176505.0	1.99432	Y
8	STD500 460-1037325/10	500.0	1030.629089	50.0	185554.0	2.061258	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

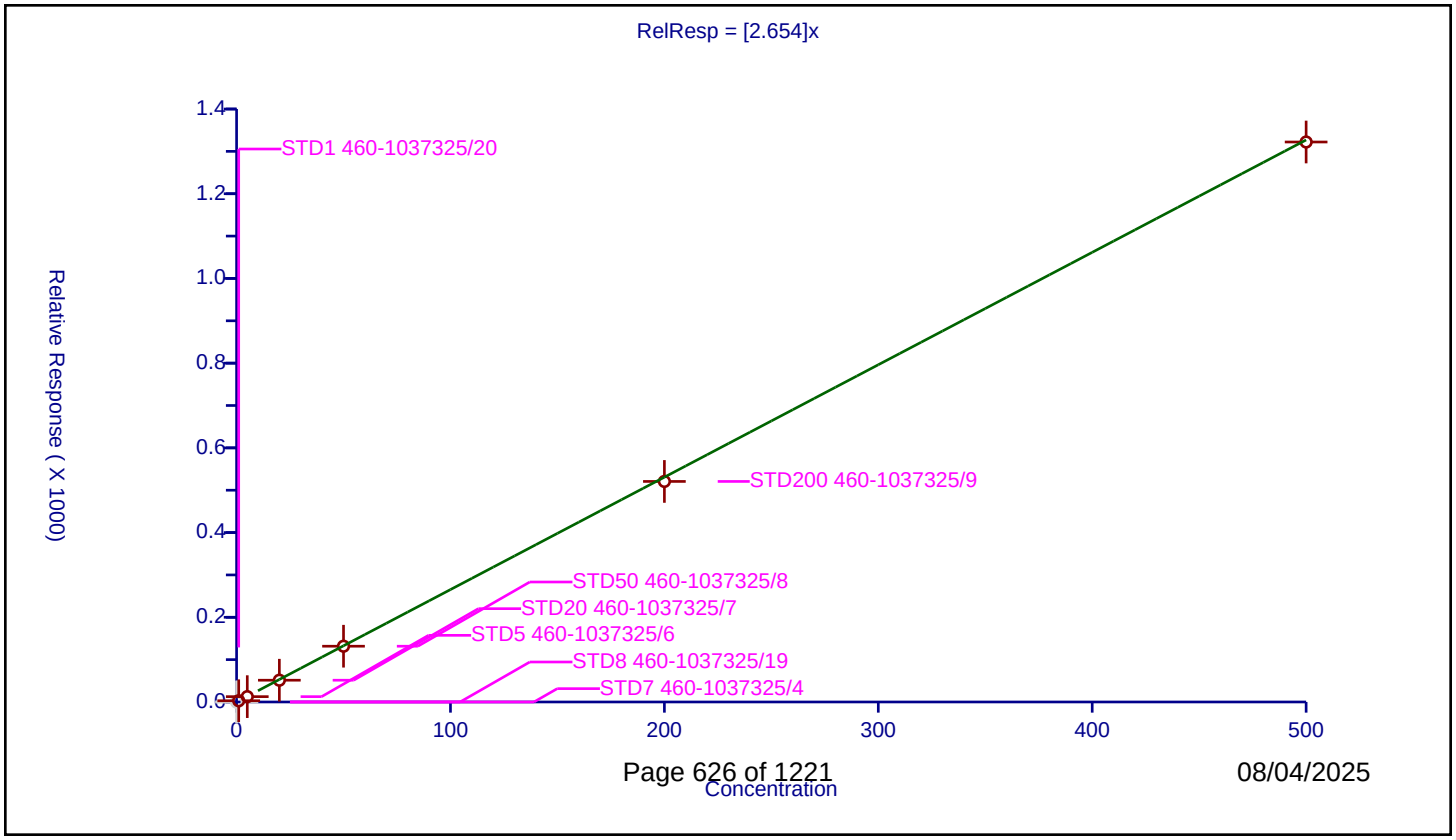
Curve Coefficients

Intercept:	0
Slope:	2.654

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.94028	50.0	177075.0	2.94028	Y
4	STD5 460-1037325/6	5.0	12.649983	50.0	175186.0	2.529997	Y
5	STD20 460-1037325/7	20.0	51.43313	50.0	175176.0	2.571657	Y
6	STD50 460-1037325/8	50.0	131.708882	50.0	172212.0	2.634178	Y
7	STD200 460-1037325/9	200.0	520.692898	50.0	176505.0	2.603464	Y
8	STD500 460-1037325/10	500.0	1322.135605	50.0	185554.0	2.644271	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

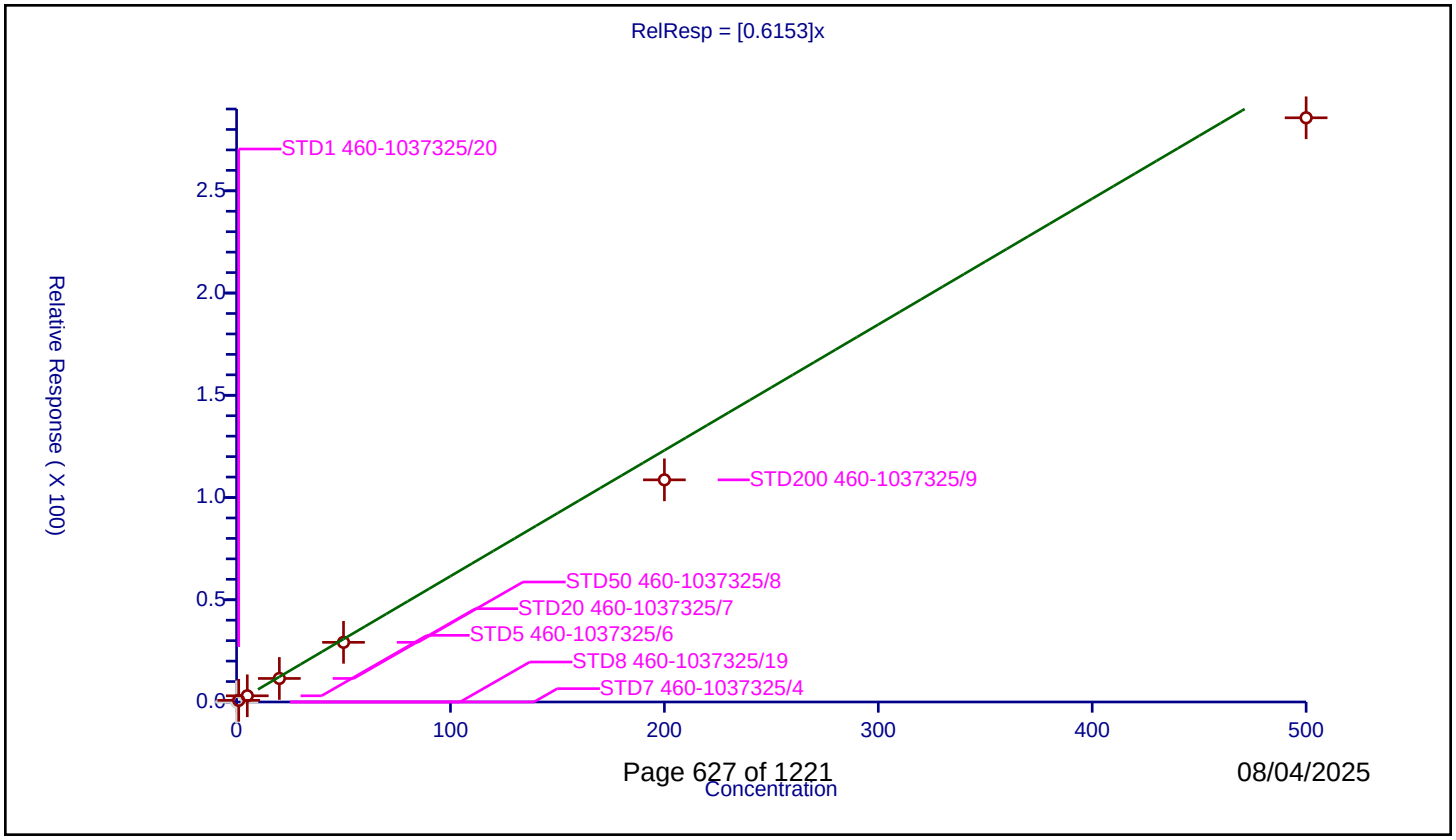
Curve Coefficients

Intercept:	0
Slope:	0.6153

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.811803	50.0	177075.0	0.811803	Y
4	STD5 460-1037325/6	5.0	3.032206	50.0	175186.0	0.606441	Y
5	STD20 460-1037325/7	20.0	11.510138	50.0	175176.0	0.575507	Y
6	STD50 460-1037325/8	50.0	29.183797	50.0	172212.0	0.583676	Y
7	STD200 460-1037325/9	200.0	108.641965	50.0	176505.0	0.54321	Y
8	STD500 460-1037325/10	500.0	285.711976	50.0	185554.0	0.571424	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

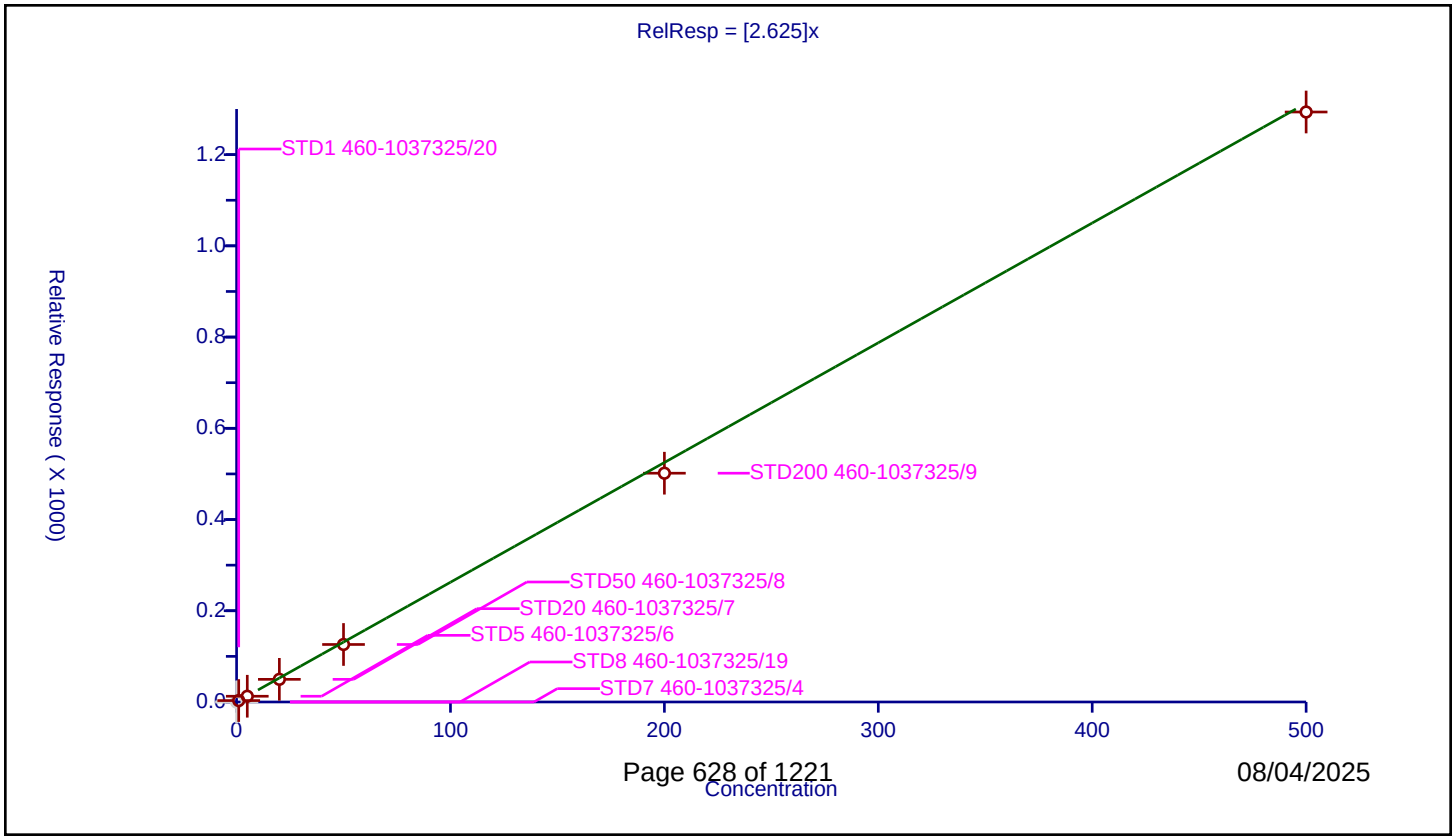
Curve Coefficients

Intercept:	0
Slope:	2.625

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	3.131159	50.0	177075.0	3.131159	Y
4	STD5 460-1037325/6	5.0	12.610026	50.0	175186.0	2.522005	Y
5	STD20 460-1037325/7	20.0	49.636366	50.0	175176.0	2.481818	Y
6	STD50 460-1037325/8	50.0	126.052191	50.0	172212.0	2.521044	Y
7	STD200 460-1037325/9	200.0	501.586924	50.0	176505.0	2.507935	Y
8	STD500 460-1037325/10	500.0	1293.460933	50.0	185554.0	2.586922	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

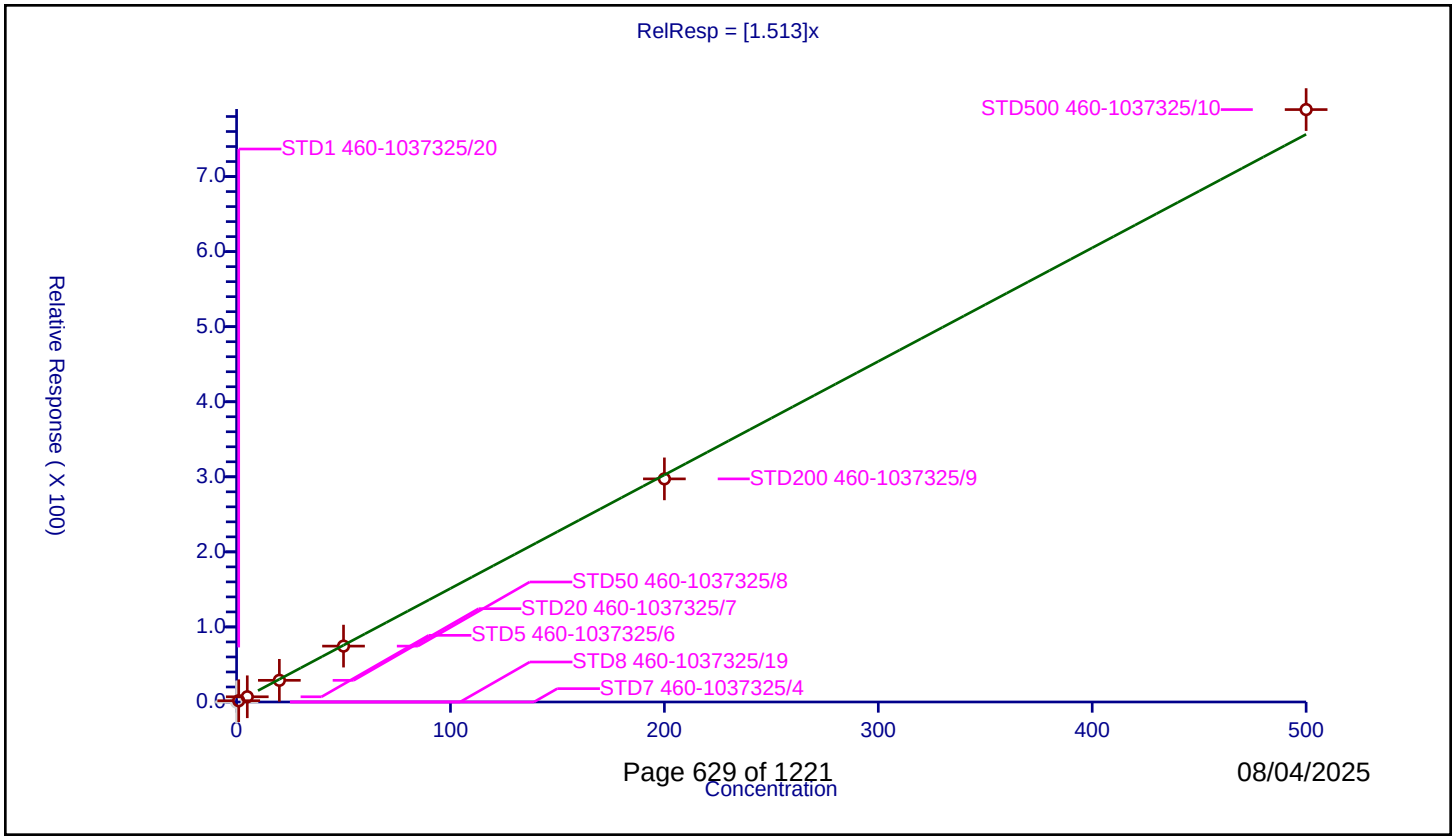
Curve Coefficients

Intercept:	0
Slope:	1.513

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.687421	50.0	177075.0	1.687421	Y
4	STD5 460-1037325/6	5.0	6.956321	50.0	175186.0	1.391264	Y
5	STD20 460-1037325/7	20.0	28.860403	50.0	175176.0	1.44302	Y
6	STD50 460-1037325/8	50.0	74.453	50.0	172212.0	1.48906	Y
7	STD200 460-1037325/9	200.0	297.237755	50.0	176505.0	1.486189	Y
8	STD500 460-1037325/10	500.0	789.264581	50.0	185554.0	1.578529	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

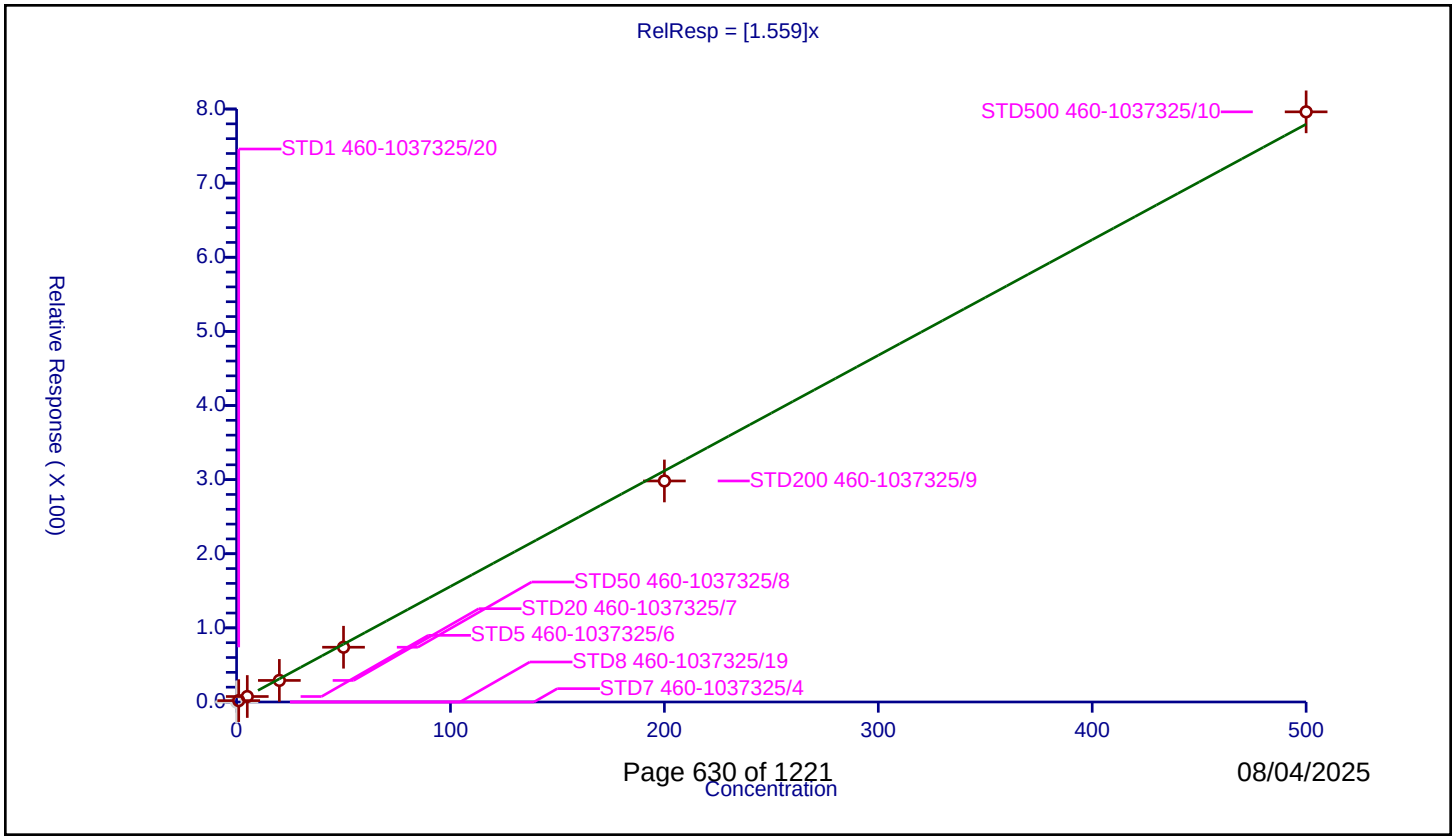
Curve Coefficients

Intercept:	0
Slope:	1.559

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.85797	50.0	177075.0	1.85797	Y
4	STD5 460-1037325/6	5.0	7.404416	50.0	175186.0	1.480883	Y
5	STD20 460-1037325/7	20.0	29.099306	50.0	175176.0	1.454965	Y
6	STD50 460-1037325/8	50.0	73.867094	50.0	172212.0	1.477342	Y
7	STD200 460-1037325/9	200.0	298.186454	50.0	176505.0	1.490932	Y
8	STD500 460-1037325/10	500.0	796.184669	50.0	185554.0	1.592369	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

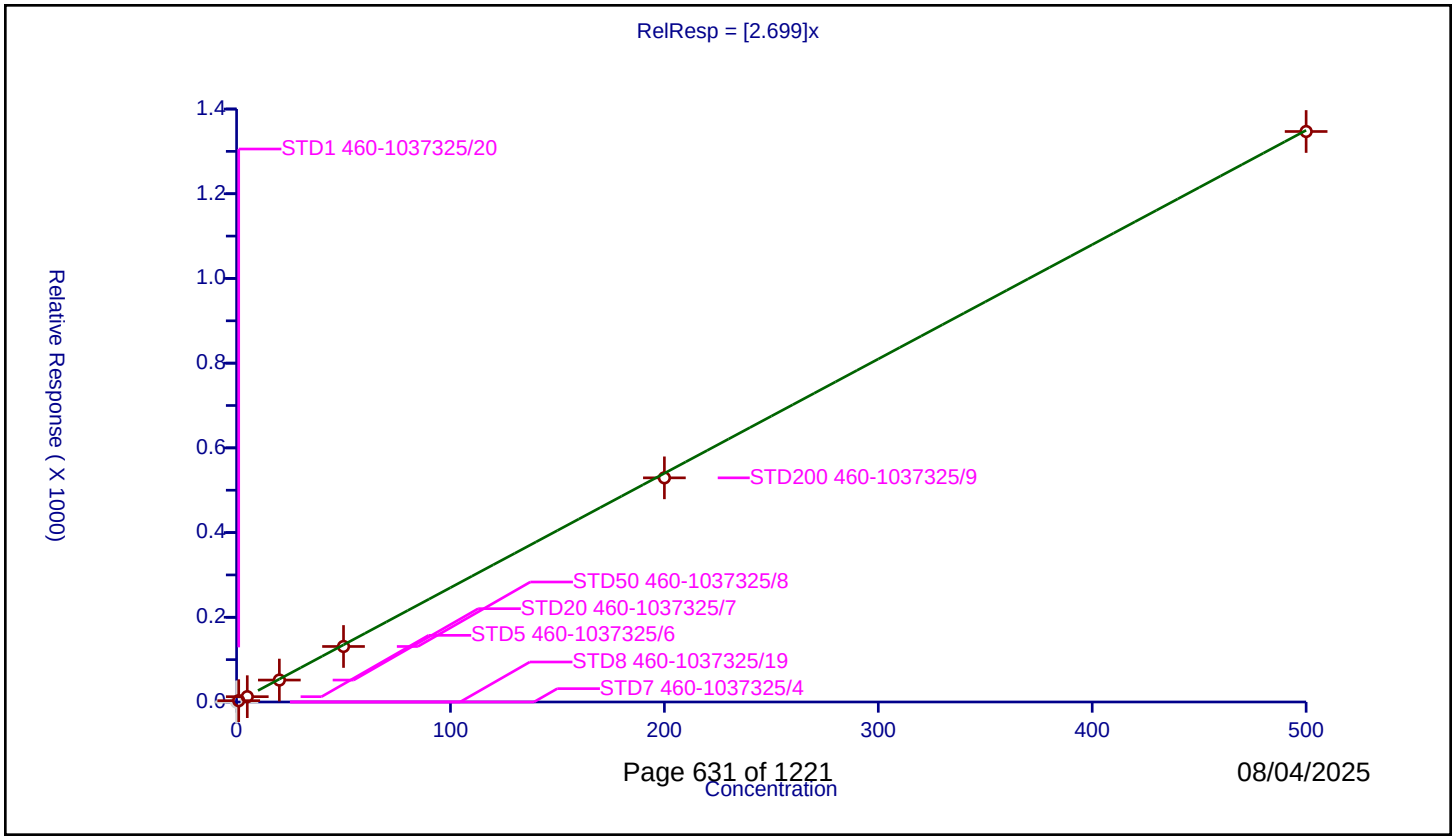
Curve Coefficients

Intercept:	0
Slope:	2.699

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	3.137089	50.0	177075.0	3.137089	Y
4	STD5 460-1037325/6	5.0	12.548377	50.0	175186.0	2.509675	Y
5	STD20 460-1037325/7	20.0	51.777355	50.0	175176.0	2.588868	Y
6	STD50 460-1037325/8	50.0	131.075941	50.0	172212.0	2.621519	Y
7	STD200 460-1037325/9	200.0	529.193507	50.0	176505.0	2.645968	Y
8	STD500 460-1037325/10	500.0	1346.897399	50.0	185554.0	2.693795	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

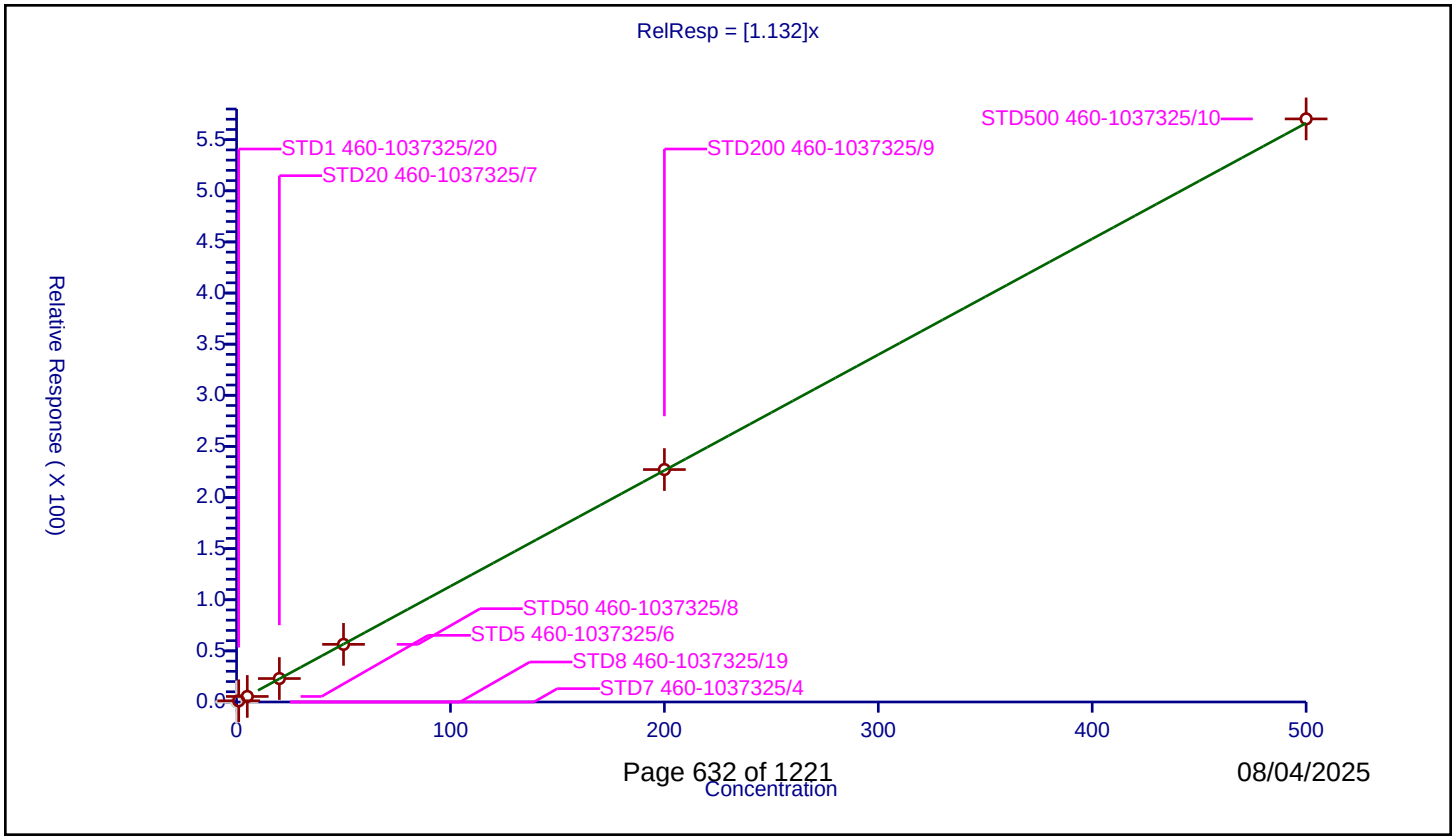
Curve Coefficients

Intercept:	0
Slope:	1.132

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.158549	50.0	177075.0	1.158549	Y
4	STD5 460-1037325/6	5.0	5.418241	50.0	175186.0	1.083648	Y
5	STD20 460-1037325/7	20.0	22.942355	50.0	175176.0	1.147118	Y
6	STD50 460-1037325/8	50.0	56.387766	50.0	172212.0	1.127755	Y
7	STD200 460-1037325/9	200.0	227.367213	50.0	176505.0	1.136836	Y
8	STD500 460-1037325/10	500.0	570.326428	50.0	185554.0	1.140653	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

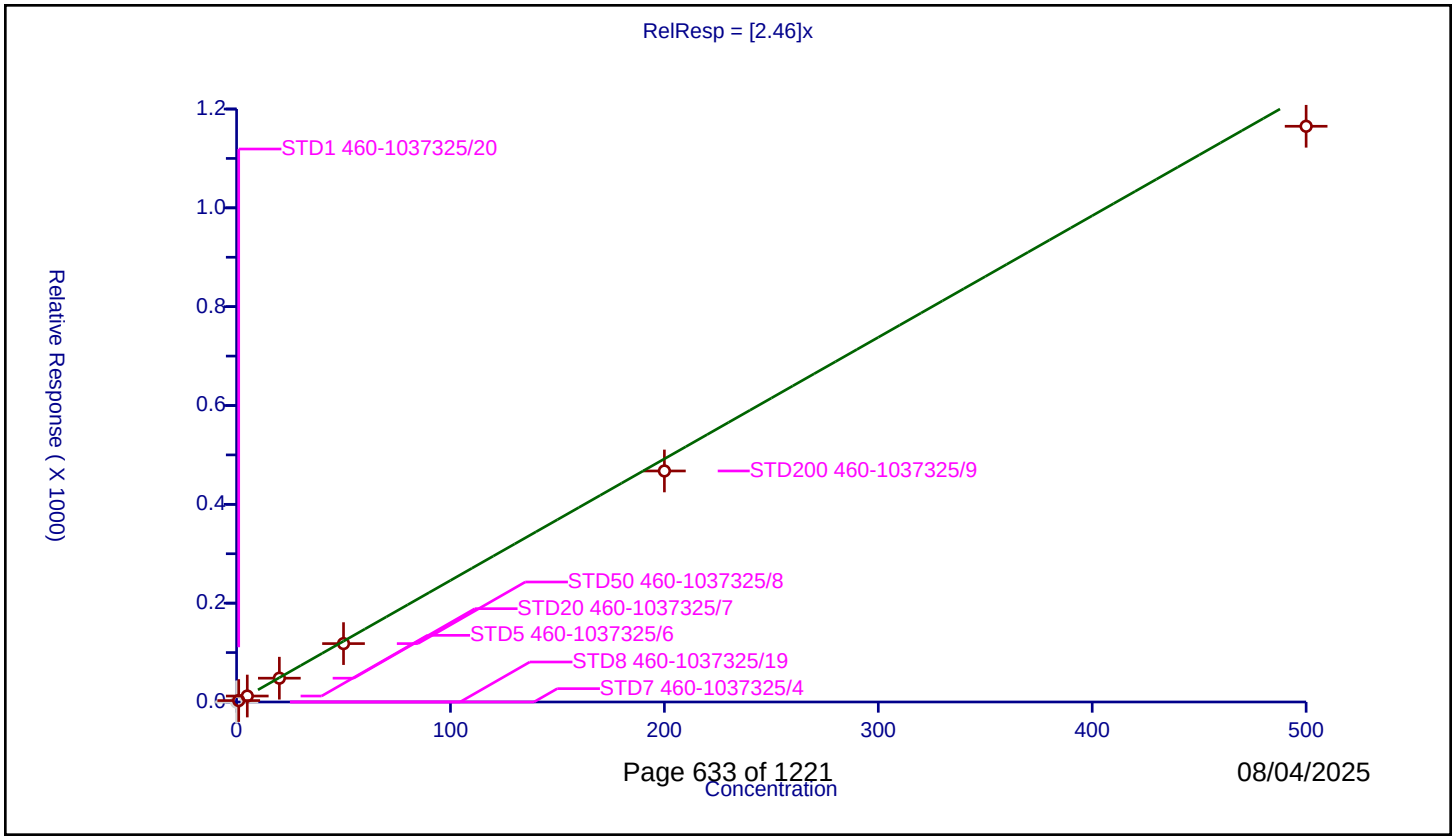
Curve Coefficients

Intercept:	0
Slope:	2.46

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.905266	50.0	177075.0	2.905266	Y
4	STD5 460-1037325/6	5.0	12.074595	50.0	175186.0	2.414919	Y
5	STD20 460-1037325/7	20.0	48.184397	50.0	175176.0	2.40922	Y
6	STD50 460-1037325/8	50.0	118.15611	50.0	172212.0	2.363122	Y
7	STD200 460-1037325/9	200.0	467.520467	50.0	176505.0	2.337602	Y
8	STD500 460-1037325/10	500.0	1165.072971	50.0	185554.0	2.330146	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

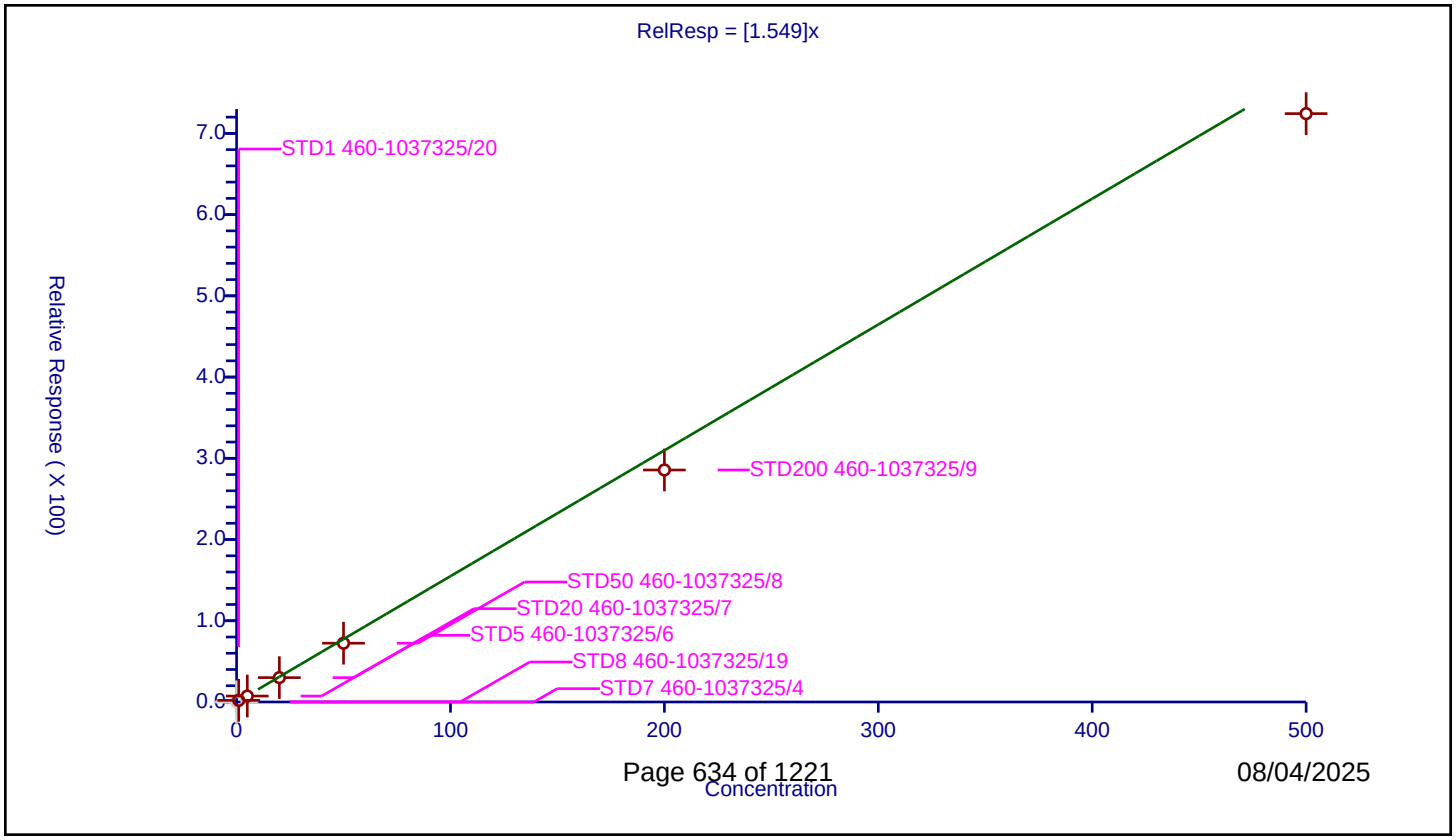
Curve Coefficients

Intercept:	0
Slope:	1.549

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.0048	50.0	177075.0	2.0048	Y
4	STD5 460-1037325/6	5.0	7.32022	50.0	175186.0	1.464044	Y
5	STD20 460-1037325/7	20.0	29.999258	50.0	175176.0	1.499963	Y
6	STD50 460-1037325/8	50.0	72.384619	50.0	172212.0	1.447692	Y
7	STD200 460-1037325/9	200.0	285.607207	50.0	176505.0	1.428036	Y
8	STD500 460-1037325/10	500.0	724.311791	50.0	185554.0	1.448624	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

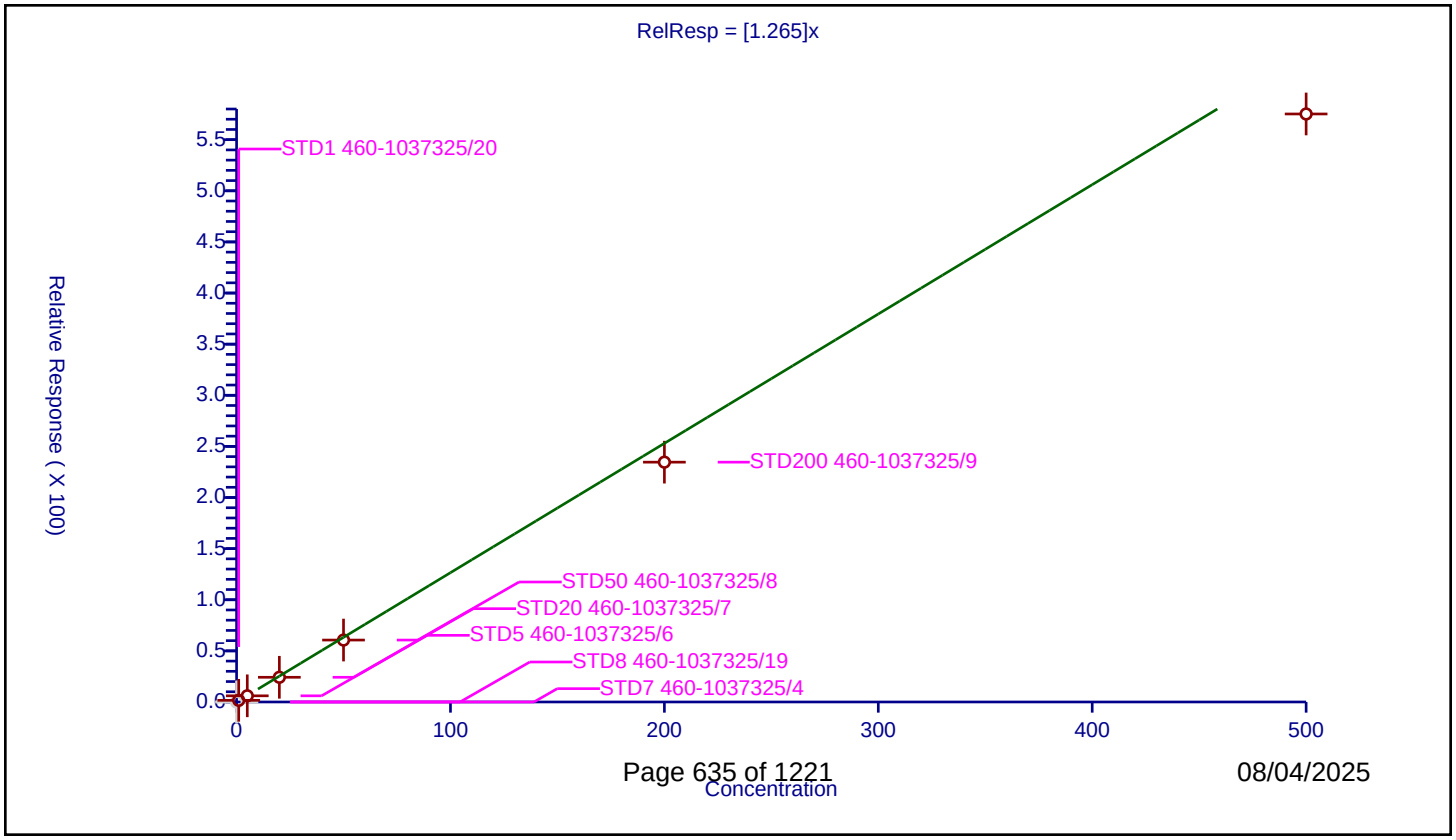
Curve Coefficients

Intercept:	0
Slope:	1.265

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.637442	50.0	177075.0	1.637442	Y
4	STD5 460-1037325/6	5.0	6.047858	50.0	175186.0	1.209572	Y
5	STD20 460-1037325/7	20.0	24.159702	50.0	175176.0	1.207985	Y
6	STD50 460-1037325/8	50.0	60.590435	50.0	172212.0	1.211809	Y
7	STD200 460-1037325/9	200.0	234.582306	50.0	176505.0	1.172912	Y
8	STD500 460-1037325/10	500.0	575.149822	50.0	185554.0	1.1503	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

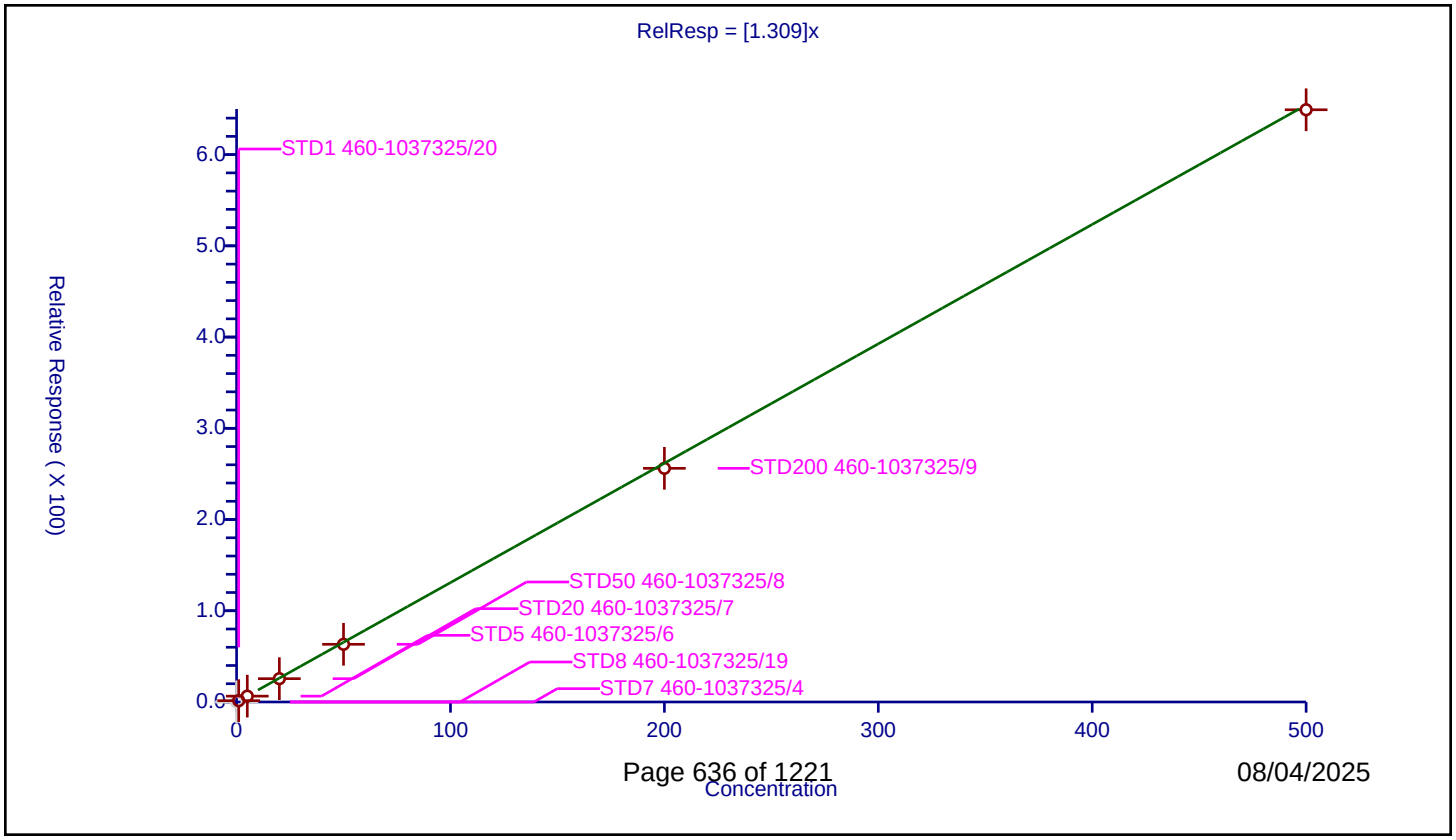
Curve Coefficients

Intercept:	0
Slope:	1.309

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.449668	50.0	177075.0	1.449668	Y
4	STD5 460-1037325/6	5.0	6.403765	50.0	175186.0	1.280753	Y
5	STD20 460-1037325/7	20.0	25.551731	50.0	175176.0	1.277587	Y
6	STD50 460-1037325/8	50.0	63.236302	50.0	172212.0	1.264726	Y
7	STD200 460-1037325/9	200.0	256.145435	50.0	176505.0	1.280727	Y
8	STD500 460-1037325/10	500.0	649.191879	50.0	185554.0	1.298384	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

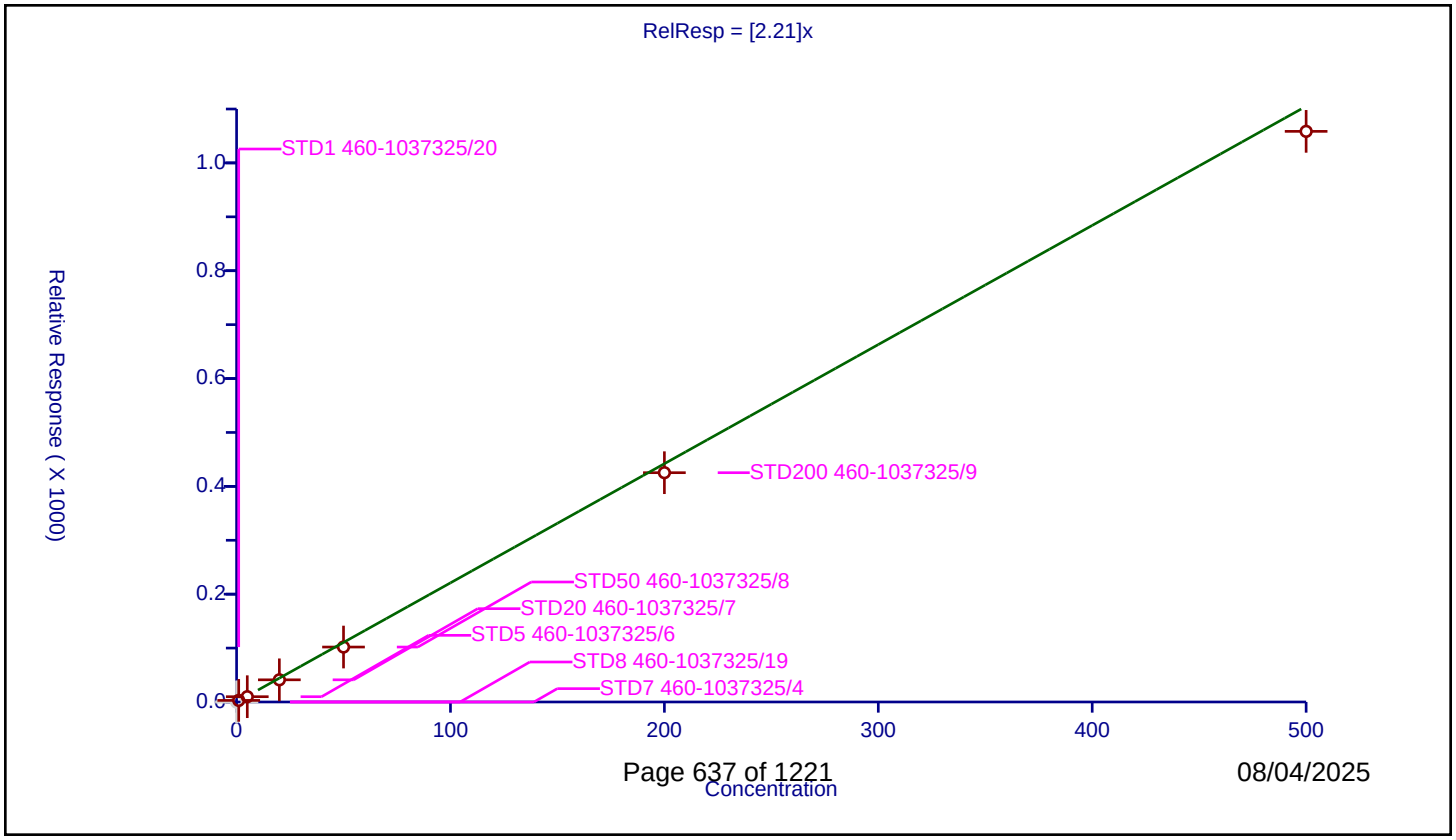
Curve Coefficients

Intercept:	0
Slope:	2.21

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.953551	50.0	177075.0	2.953551	Y
4	STD5 460-1037325/6	5.0	9.8384	50.0	175186.0	1.96768	Y
5	STD20 460-1037325/7	20.0	41.13777	50.0	175176.0	2.056889	Y
6	STD50 460-1037325/8	50.0	101.942373	50.0	172212.0	2.038847	Y
7	STD200 460-1037325/9	200.0	425.336109	50.0	176505.0	2.126681	Y
8	STD500 460-1037325/10	500.0	1058.56085	50.0	185554.0	2.117122	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

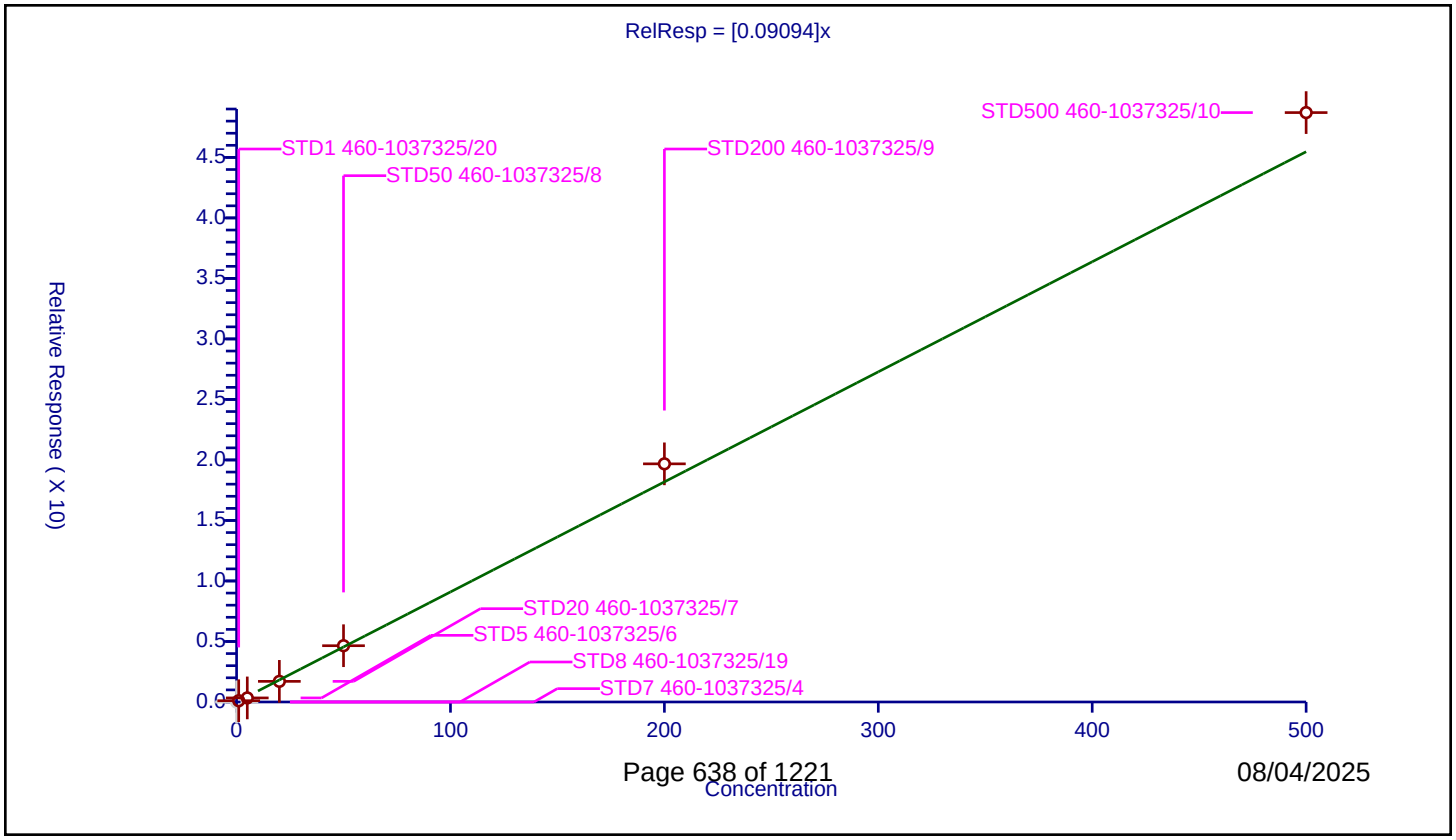
Curve Coefficients

Intercept:	0
Slope:	0.09094

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.104476	50.0	177075.0	0.104476	Y
4	STD5 460-1037325/6	5.0	0.335643	50.0	175186.0	0.067129	Y
5	STD20 460-1037325/7	20.0	1.704571	50.0	175176.0	0.085229	Y
6	STD50 460-1037325/8	50.0	4.650082	50.0	172212.0	0.093002	Y
7	STD200 460-1037325/9	200.0	19.680179	50.0	176505.0	0.098401	Y
8	STD500 460-1037325/10	500.0	48.70442	50.0	185554.0	0.097409	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

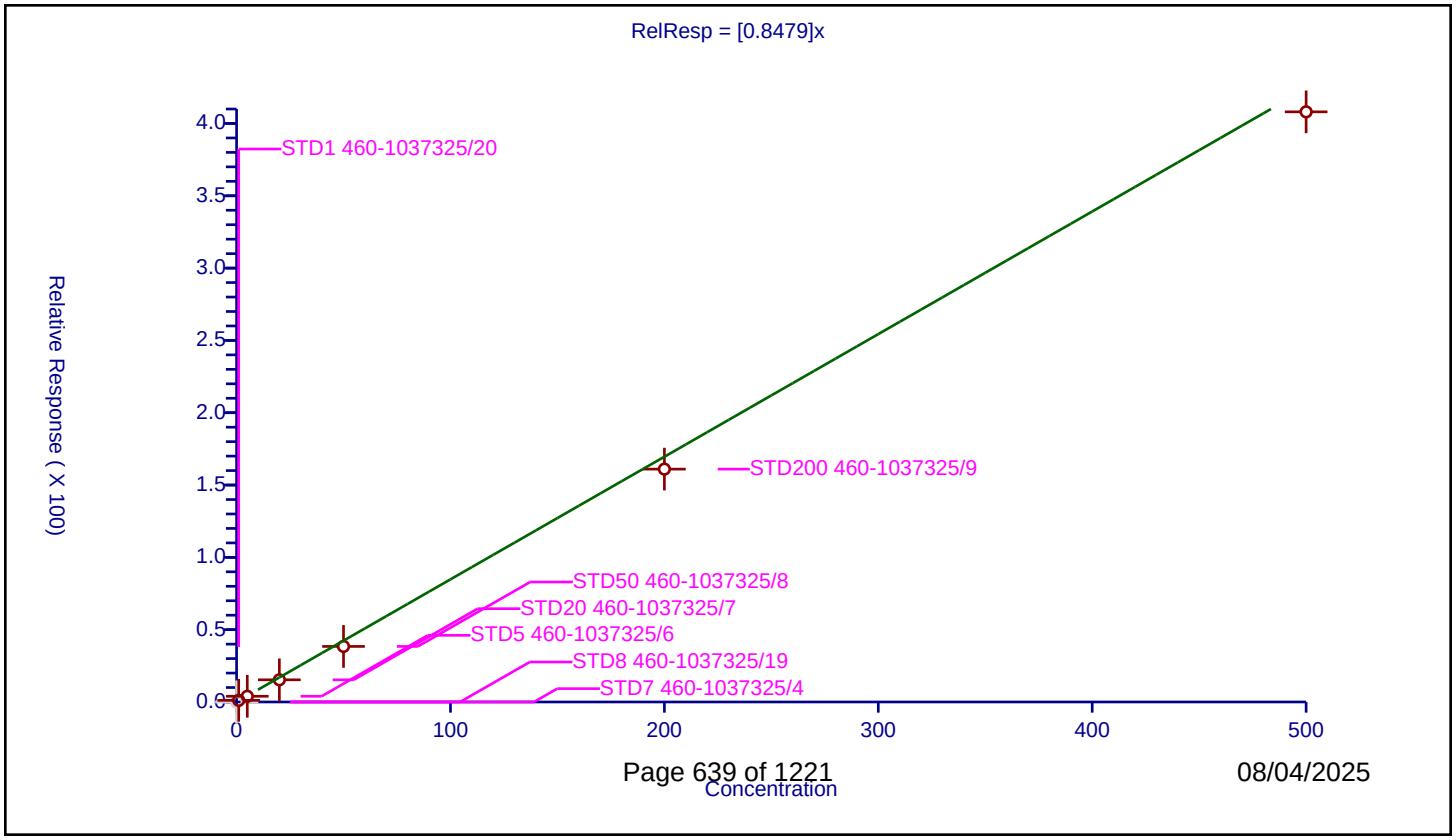
Curve Coefficients

Intercept:	0
Slope:	0.8479

Error Coefficients

Relative Standard Deviation:	17.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.138501	50.0	177075.0	1.138501	Y
4	STD5 460-1037325/6	5.0	3.96236	50.0	175186.0	0.792472	Y
5	STD20 460-1037325/7	20.0	15.33572	50.0	175176.0	0.766786	Y
6	STD50 460-1037325/8	50.0	38.41428	50.0	172212.0	0.768286	Y
7	STD200 460-1037325/9	200.0	161.017535	50.0	176505.0	0.805088	Y
8	STD500 460-1037325/10	500.0	408.044558	50.0	185554.0	0.816089	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

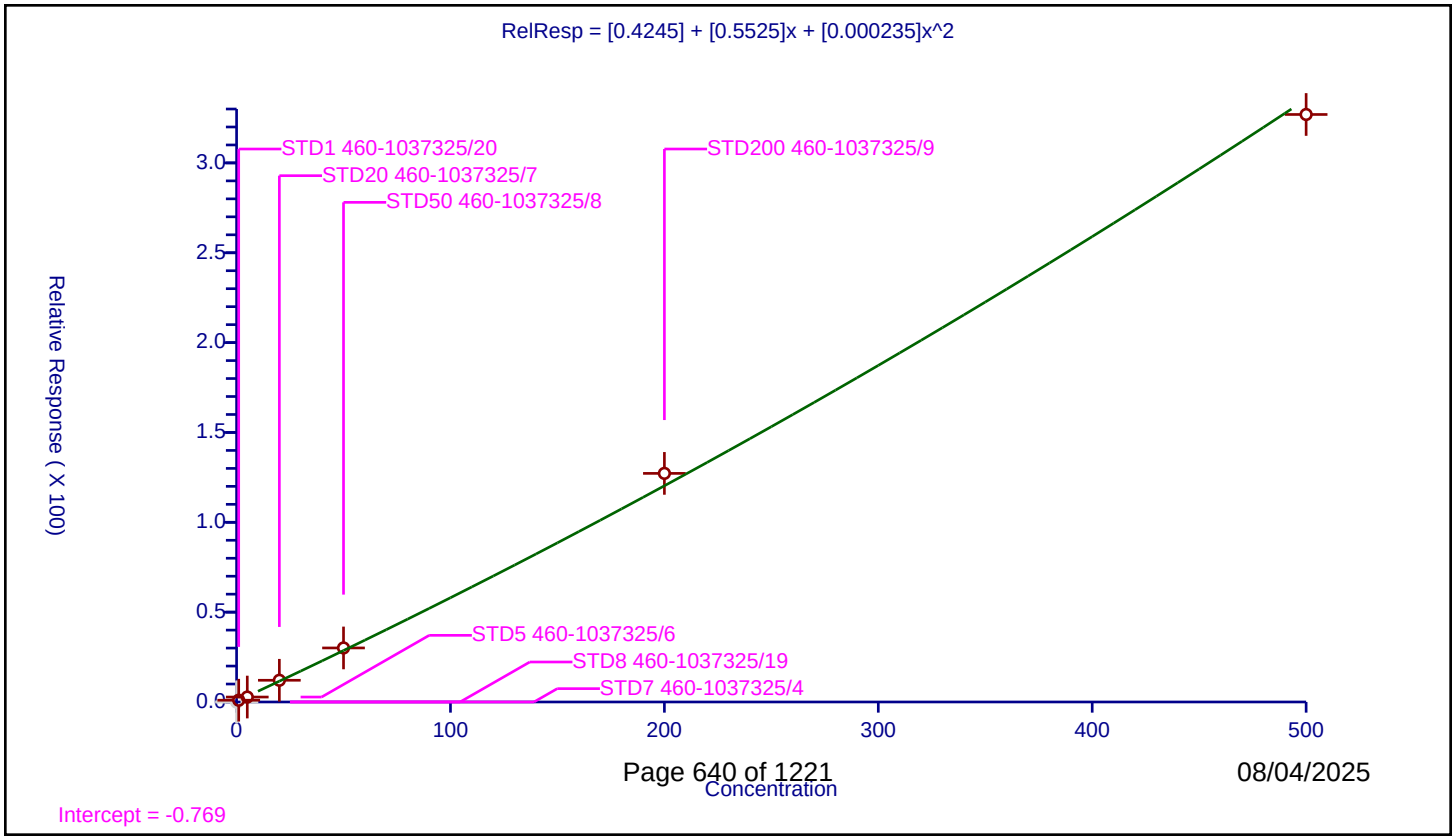
Curve Coefficients

Intercept:	0.4245
Slope:	0.5525
Second Order:	0.000235

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.9928	50.0	177075.0	0.9928	Y
4	STD5 460-1037325/6	5.0	2.751361	50.0	175186.0	0.550272	Y
5	STD20 460-1037325/7	20.0	12.090127	50.0	175176.0	0.604506	Y
6	STD50 460-1037325/8	50.0	30.077172	50.0	172212.0	0.601543	Y
7	STD200 460-1037325/9	200.0	127.222175	50.0	176505.0	0.636111	Y
8	STD500 460-1037325/10	500.0	326.951453	50.0	185554.0	0.653903	Y



Calibration / Hexachlorobutadiene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

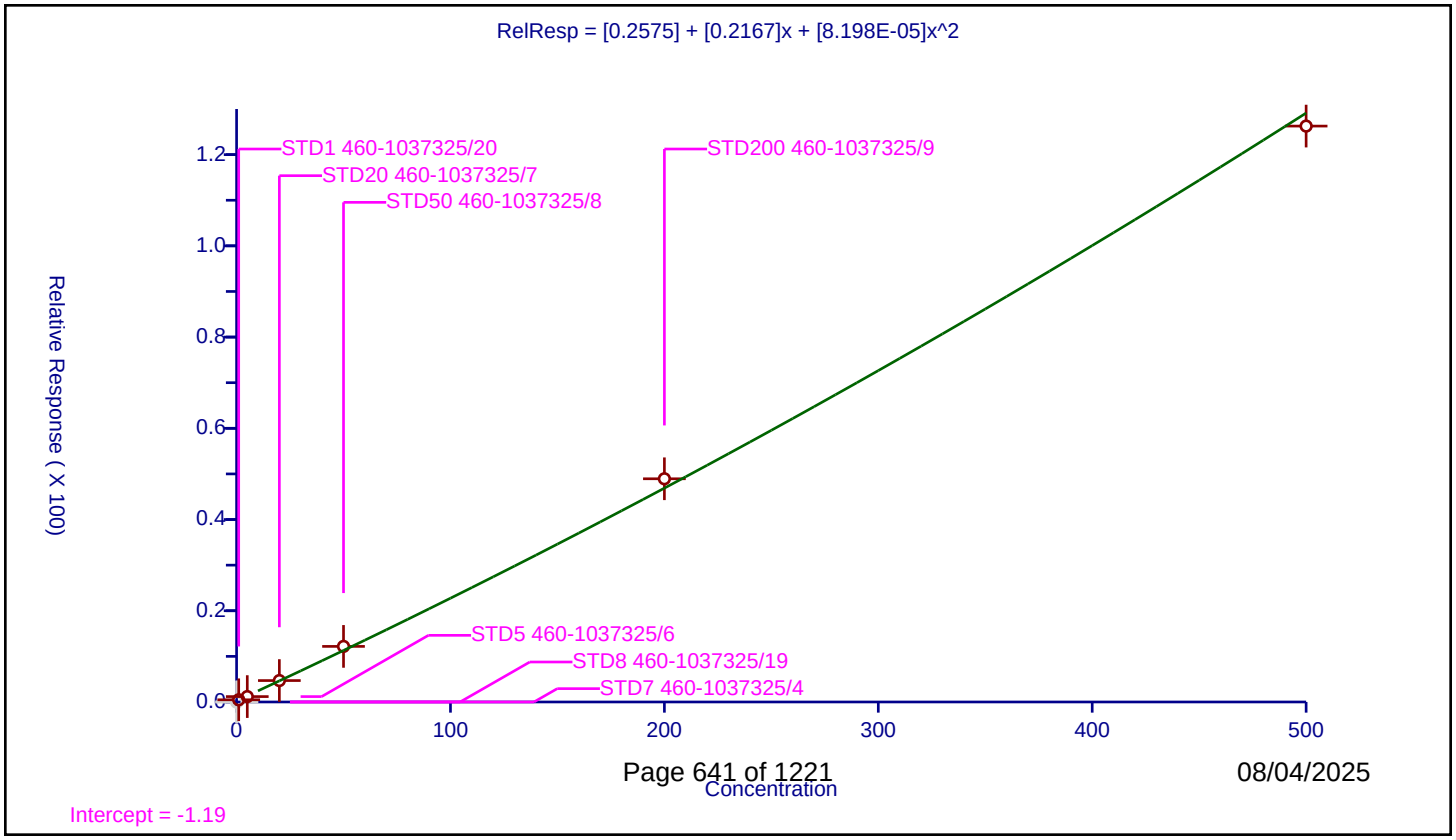
Curve Coefficients

Intercept:	0.2575
Slope:	0.2167
Second Order:	8.198E-05

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.480023	50.0	177075.0	0.480023	Y
4	STD5 460-1037325/6	5.0	1.184741	50.0	175186.0	0.236948	Y
5	STD20 460-1037325/7	20.0	4.697561	50.0	175176.0	0.234878	Y
6	STD50 460-1037325/8	50.0	12.185562	50.0	172212.0	0.243711	Y
7	STD200 460-1037325/9	200.0	48.933175	50.0	176505.0	0.244666	Y
8	STD500 460-1037325/10	500.0	126.256508	50.0	185554.0	0.252513	Y



Calibration / Naphthalene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

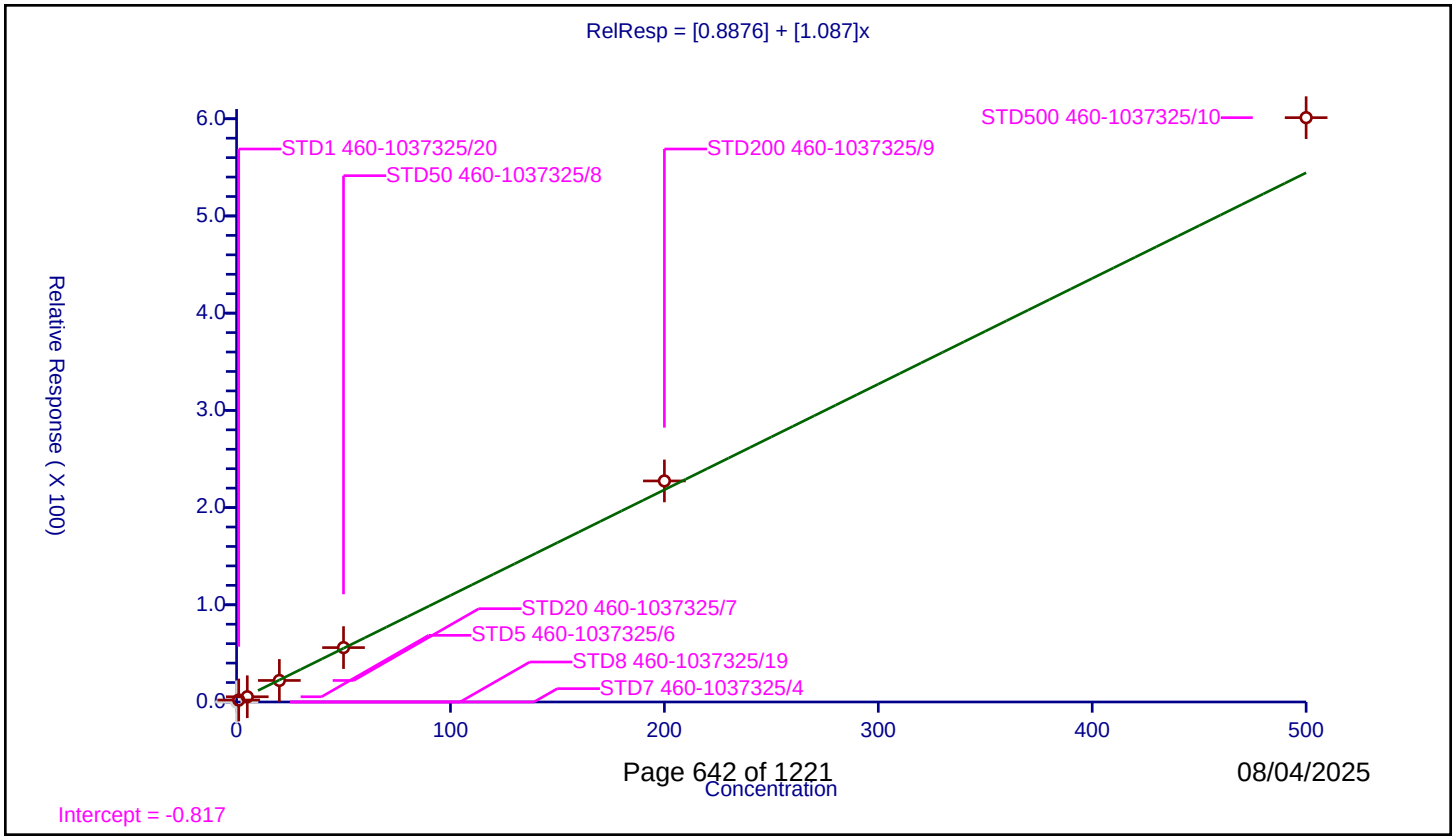
Curve Coefficients

Intercept:	0.8876
Slope:	1.087

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.012424	50.0	177075.0	2.012424	Y
4	STD5 460-1037325/6	5.0	5.391127	50.0	175186.0	1.078225	Y
5	STD20 460-1037325/7	20.0	22.144586	50.0	175176.0	1.107229	Y
6	STD50 460-1037325/8	50.0	55.941224	50.0	172212.0	1.118824	Y
7	STD200 460-1037325/9	200.0	227.392425	50.0	176505.0	1.136962	Y
8	STD500 460-1037325/10	500.0	601.113423	50.0	185554.0	1.202227	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

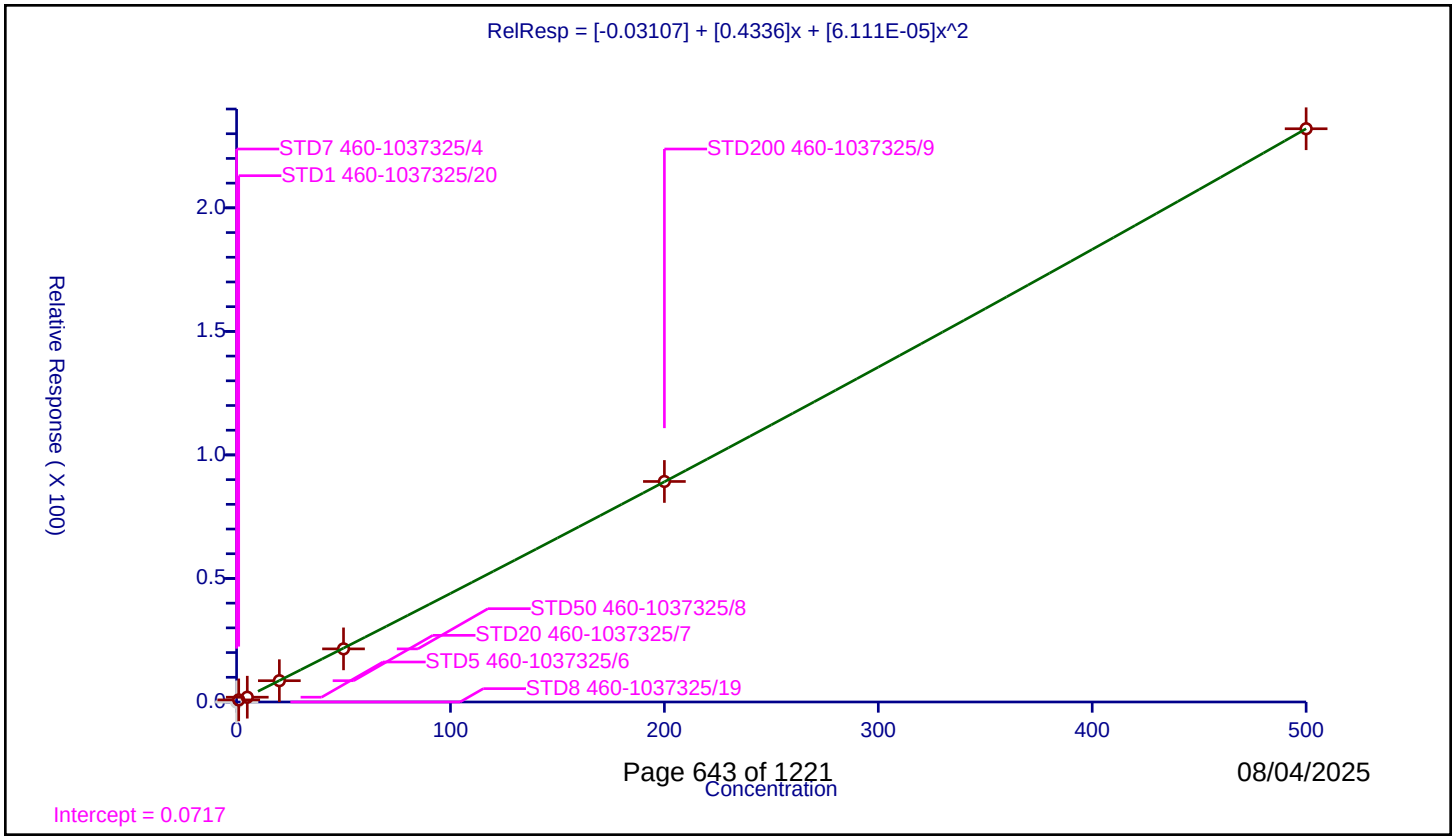
Curve Coefficients

Intercept:	-0.03107
Slope:	0.4336
Second Order:	6.111E-05

Error Coefficients

Relative Standard Deviation:	59.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.848793	50.0	177075.0	0.848793	Y
4	STD5 460-1037325/6	5.0	1.937369	50.0	175186.0	0.387474	Y
5	STD20 460-1037325/7	20.0	8.613908	50.0	175176.0	0.430695	Y
6	STD50 460-1037325/8	50.0	21.495889	50.0	172212.0	0.429918	Y
7	STD200 460-1037325/9	200.0	89.253279	50.0	176505.0	0.446266	Y
8	STD500 460-1037325/10	500.0	232.011975	50.0	185554.0	0.464024	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: ICV 460-1037325/21 Calibration Date: 05/14/2025 11:47

Instrument ID: CVOAMS1 Calib Start Date: 03/01/2025 15:41

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/01/2025 18:32

Lab File ID: A26575.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Ave	0.0161				20.0		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26575.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 14-May-2025 11:47:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0190761-021
Operator ID: Instrument ID: CVOAMS1
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:12:38 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: NN6A Date: 14-May-2025 21:12:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.510	1.510	0.000	92	6912	20.0	13.1	
4 Dichlorodifluoromethane	85	1.540	1.540	0.000	98	62308	20.0	17.3	
165 Chlorodifluoromethane	51	1.558	1.558	0.000	97	57187	20.0	18.8	
6 Chloromethane	50	1.728	1.728	0.000	99	67267	20.0	17.6	
7 Vinyl chloride	62	1.793	1.793	0.000	98	71700	20.0	21.4	
172 Butadiene	39	1.810	1.810	0.000	95	61245	20.0	20.2	
9 Bromomethane	94	2.069	2.069	0.000	99	42625	20.0	19.3	
10 Chloroethane	64	2.146	2.146	0.000	99	42376	20.0	18.8	
174 Dichlorofluoromethane	67	2.299	2.299	0.000	98	118144	20.0	19.3	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	98	88026	20.0	20.4	
13 Pentane	72	2.352	2.352	0.000	96	16752	40.0	56.5	
14 Ethanol	46	2.475	2.475	0.000	87	6999	800.0	793.9	
15 Ethyl ether	59	2.528	2.528	0.000	97	36214	20.0	18.5	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	94	47794	20.0	21.3	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.563	2.557	0.006	94	40399	20.0	18.5	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	96	71118	20.0	18.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	94	51291	20.0	22.1	
19 Acrolein	56	2.693	2.693	0.000	35	8008	39.5	31.7	
21 1,1-Dichloroethene	96	2.728	2.728	0.000	98	50396	20.0	20.3	
22 Acetone	58	2.805	2.810	-0.005	87	12206	100.0	89.0	
24 Isopropyl alcohol	45	2.869	2.863	0.006	91	17755	200.0	198.0	
23 Iodomethane	142	2.887	2.887	0.000	97	57322	20.0	18.4	
25 Carbon disulfide	76	2.922	2.922	0.000	99	168993	20.0	20.5	
27 Methyl acetate	43	3.028	3.028	0.000	61	39715	40.0	38.6	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	92	34231	20.0	19.6	
166 Cyclopentene	67	3.052	3.052	0.000	89	102406	20.0	15.0	
29 Acetonitrile	41	3.093	3.099	-0.006	98	33128	200.0	172.2	
* 30 TBA-d9 (IS)	65	3.110	3.110	0.000	0	119381	1000.0	1000.0	
31 Methylene Chloride	84	3.152	3.152	0.000	95	56233	20.0	19.4	
32 2-Methyl-2-propanol	59	3.181	3.181	0.000	96	27034	200.0	191.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.299	3.299	0.000	97	117680	20.0	19.1	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	94	54926	20.0	19.2	
35 Acrylonitrile	53	3.404	3.404	0.000	96	101060	200.0	186.8	
36 Hexane	43	3.481	3.481	0.000	95	31147	20.0	20.3	
37 Isopropyl ether	45	3.675	3.675	0.000	97	152074	20.0	18.8	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	85	102424	20.0	20.0	
39 Vinyl acetate	86	3.728	3.728	0.000	100	13709	40.0	36.2	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	91	49356	20.0	20.0	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	89	138435	20.0	18.4	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	135824	250.0	250.0	
43 2,2-Dichloropropane	97	4.222	4.222	0.000	91	19794	20.0	19.8	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	97	62692	20.0	19.4	
46 Ethyl acetate	70	4.251	4.257	-0.006	94	6806	40.0	36.1	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	97	17160	100.0	88.9	
47 Methyl acrylate	55	4.316	4.316	0.000	99	27101	20.0	18.2	
48 Propionitrile	54	4.399	4.404	-0.005	98	36927	200.0	182.4	
50 Chlorobromomethane	128	4.487	4.487	0.000	84	25908	20.0	19.7	
49 Tetrahydrofuran	42	4.499	4.493	0.006	57	23929	40.0	42.7	
51 Methacrylonitrile	67	4.510	4.510	0.000	92	131687	200.0	186.2	
52 Chloroform	83	4.534	4.534	0.000	99	100507	20.0	19.6	
53 Cyclohexane	56	4.681	4.681	0.000	91	82353	20.0	22.1	
54 1,1,1-Trichloroethane	97	4.693	4.693	0.000	76	86558	20.0	19.9	
$ 55 Dibromofluoromethane (Surr)	113	4.699	4.699	0.000	96	132887	50.0	51.0	
56 Carbon tetrachloride	117	4.822	4.822	0.000	98	71528	20.0	20.5	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	97	74346	20.0	19.5	
58 Isobutyl alcohol	43	4.951	4.946	0.005	95	27742	500.0	461.2	
59 Isooctane	57	5.016	5.022	-0.006	98	88239	20.0	19.7	
60 Benzene	78	5.063	5.069	-0.006	95	220586	20.0	19.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	131624	50.0	50.7	
62 Isopropyl acetate	61	5.098	5.104	-0.006	98	15923	20.0	18.6	
63 Tert-amyl methyl ether	87	5.110	5.110	0.000	97	37045	20.0	19.1	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	97	61018	20.0	18.0	
65 n-Heptane	71	5.204	5.210	-0.006	91	23181	20.0	19.7	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	521759	50.0	50.0	
67 n-Butanol	56	5.675	5.675	0.000	86	17847	500.0	438.2	
68 Trichloroethene	95	5.751	5.757	-0.006	98	60267	20.0	20.0	
69 Ethyl acrylate	99	5.869	5.881	-0.012	93	5514	20.0	19.0	
70 Methylcyclohexane	83	5.887	5.893	-0.006	90	66187	20.0	21.3	
71 1,2-Dichloropropane	63	6.081	6.075	0.006	90	55067	20.0	18.9	
* 73 1,4-Dioxane-d8	96	6.128	6.134	-0.006	0	14606	1000.0	1000.0	
72 Methyl methacrylate	69	6.145	6.151	-0.006	85	48108	40.0	36.3	
75 1,4-Dioxane	88	6.193	6.198	-0.005	69	6209	400.0	391.9	
74 n-Propyl acetate	43	6.204	6.204	0.000	99	40871	20.0	18.4	
76 Dibromomethane	93	6.222	6.222	0.000	96	27864	20.0	19.0	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	73855	20.0	19.3	
79 2-Nitropropane	41	6.763	6.757	0.006	97	16057	40.0	38.7	
80 Epichlorohydrin	57	6.887	6.887	0.000	1	3077	20.0	26.6	Ma
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	92	83475	20.0	17.4	
82 4-Methyl-2-pentanone (MIBK)	43	7.128	7.128	0.000	96	130952	100.0	93.7	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	489314	50.0	50.2	
84 Toluene	91	7.316	7.316	0.000	95	221372	20.0	19.1	
86 trans-1,3-Dichloropropene	75	7.722	7.722	0.000	98	73390	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.751	7.745	0.006	90	47196	20.0	18.1	
87 1,1,2-Trichloroethane	83	7.987	7.987	0.000	98	35213	20.0	21.0	
88 Tetrachloroethene	166	8.039	8.034	0.005	97	52388	20.0	19.7	
89 1,3-Dichloropropane	76	8.257	8.257	0.000	93	67069	20.0	19.2	
90 2-Hexanone	58	8.339	8.339	0.000	96	50497	100.0	94.4	
91 n-Butyl acetate	73	8.492	8.492	0.000	99	8780	20.0	20.0	
92 Chlorodibromomethane	129	8.563	8.563	0.000	98	46592	20.0	19.1	
93 Ethylene Dibromide	107	8.763	8.763	0.000	97	37703	20.0	18.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	87	361569	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	94	139206	20.0	19.1	
96 Ethylbenzene	106	9.433	9.433	0.000	98	76727	20.0	18.9	
97 1,1,1,2-Tetrachloroethane	131	9.445	9.445	0.000	95	49445	20.0	20.1	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	95858	20.0	19.6	
99 n-Butyl acrylate	73	9.933	9.933	0.000	98	28450	20.0	17.7	
100 o-Xylene	106	9.951	9.951	0.000	93	92085	20.0	19.3	
101 Styrene	104	9.975	9.975	0.000	96	155323	20.0	19.8	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	91	55922	20.0	18.8	
103 Bromoform	173	10.157	10.157	0.000	93	24218	20.0	18.4	
104 Isopropylbenzene	105	10.257	10.251	0.006	96	230745	20.0	21.8	
$ 105 4-Bromofluorobenzene	174	10.422	10.416	0.006	89	138077	50.0	50.3	
107 Bromobenzene	156	10.528	10.528	0.000	98	52780	20.0	18.6	
106 1,1,2,2-Tetrachloroethane	83	10.563	10.557	0.006	98	37612	20.0	19.3	
108 N-Propylbenzene	91	10.580	10.575	0.005	99	273950	20.0	20.1	
110 1,2,3-Trichloropropane	110	10.598	10.592	0.006	96	11255	20.0	20.4	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.604	0.006	94	10360	20.0	17.6	
112 2-Chlorotoluene	91	10.663	10.657	0.006	96	186204	20.0	19.4	
169 4-Ethyltoluene	105	10.669	10.657	0.012	88	219189	20.0	19.4	
113 1,3,5-Trimethylbenzene	105	10.716	10.704	0.012	93	177897	20.0	20.1	
115 4-Chlorotoluene	91	10.751	10.745	0.006	98	171844	20.0	19.6	
114 Butyl Methacrylate	87	10.786	10.775	0.011	88	60347	20.0	18.9	
116 tert-Butylbenzene	119	10.939	10.928	0.011	93	144303	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	10.986	10.969	0.017	98	179033	20.0	19.6	
118 sec-Butylbenzene	134	11.092	11.069	0.023	99	41148	20.0	19.4	
119 4-Isopropyltoluene	119	11.186	11.163	0.023	97	167191	20.0	18.5	
120 1,3-Dichlorobenzene	146	11.198	11.175	0.023	96	98404	20.0	18.9	
* 121 1,4-Dichlorobenzene-d4	152	11.245	11.222	0.023	94	172092	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.263	11.239	0.024	95	100774	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	11.269	11.251	0.018	98	174285	20.0	18.8	
124 Benzyl chloride	91	11.363	11.339	0.024	98	72854	20.0	18.7	
162 2,3-Dihydroindene	117	11.410	11.386	0.024	94	173208	20.0	20.5	
164 p-Diethylbenzene	119	11.439	11.416	0.023	93	99007	20.0	18.6	
127 n-Butylbenzene	92	11.457	11.433	0.024	98	85513	20.0	19.6	
128 1,2-Dichlorobenzene	146	11.522	11.498	0.024	97	85924	20.0	19.1	
163 1,2,4,5-Tetramethylbenzene	119	11.992	11.963	0.029	98	138581	20.0	18.2	
130 1,2-Dibromo-3-Chloropropane	157	12.098	12.069	0.029	95	5724	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	12.198	12.169	0.029	96	50829	20.0	17.4	
132 1,2,4-Trichlorobenzene	180	12.733	12.698	0.035	93	41385	20.0	20.8	
133 Hexachlorobutadiene	225	12.816	12.780	0.036	93	18445	20.0	23.3	
134 Naphthalene	128	12.974	12.945	0.029	99	73859	20.0	18.9	
135 1,2,3-Trichlorobenzene	180	13.204	13.174	0.030	95	29307	20.0	19.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.7	
S 137 Xylenes, Total	100				0		40.0	38.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00622	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00177	Amount Added:	4.00	Units: uL	
8260 SP_00192	Amount Added:	20.00	Units: uL	
7 Freons SS_00028	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:12:57 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26575.D

Injection Date: 14-May-2025 11:47:30 Instrument ID: CVOAMS1 Operator ID:

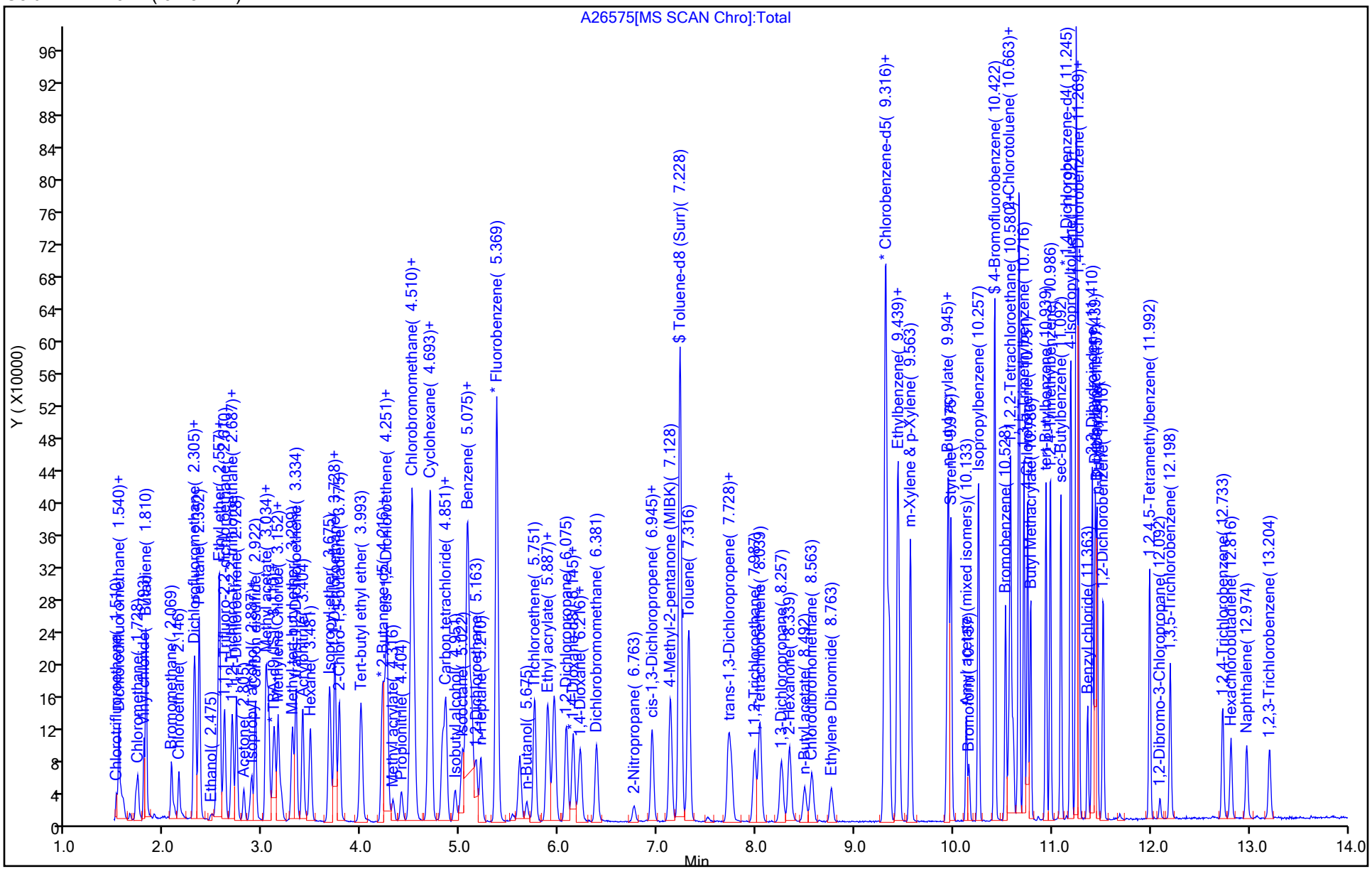
Lims ID: ICV Worklist Smp#: 21

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: ICV 460-1037325/21 Calibration Date: 05/14/2025 11:47

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A26575.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0504	0.0331		13.1	20.0	-34.3*	30.0
Dichlorodifluoromethane	Ave	0.3447	0.2985	0.1000	17.3	20.0	-13.4	30.0
Chlorodifluoromethane	Ave	0.2916	0.2740		18.8	20.0	-6.0	30.0
Chloromethane	Ave	0.3671	0.3223	0.0050	17.6	20.0	-12.2	30.0
Vinyl chloride	Ave	0.3206	0.3435	0.0050	21.4	20.0	7.2	30.0
Butadiene	Ave	0.2912	0.2935		20.2	20.0	0.8	30.0
Bromomethane	Ave	0.2111	0.2042	0.0050	19.3	20.0	-3.3	30.0
Chloroethane	Ave	0.2159	0.2030	0.0050	18.8	20.0	-6.0	30.0
Dichlorofluoromethane	Ave	0.5861	0.5661		19.3	20.0	-3.4	30.0
Trichlorofluoromethane	Ave	0.4143	0.4218	0.1000	20.4	20.0	1.8	30.0
Pentane	QuaF		3.508		56.5	40.0	41.3*	30.0
Ethanol	Lin2		0.0733		794	800	-0.8	30.0
Ethyl ether	Lin2		0.1735		18.5	20.0	-7.5	30.0
2-Methyl-1,3-butadiene	Ave	0.2154	0.2290		21.3	20.0	6.3	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2092	0.1936		18.5	20.0	-7.5	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3598	0.3408		18.9	20.0	-5.3	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2229	0.2458	0.1000	22.1	20.0	10.3	30.0
Acrolein	Lin2		1.698		31.7	39.5	-19.8	30.0
1,1-Dichloroethene	Ave	0.2381	0.2415	0.1000	20.3	20.0	1.4	30.0
Acetone	Ave	0.2526	0.2247	0.0010	89.0	100	-11.0	30.0
Isopropyl alcohol	Ave	0.7510	0.7436		198	200	-1.0	30.0
Iodomethane	Ave	0.2991	0.2747		18.4	20.0	-8.2	30.0
Carbon disulfide	Ave	0.7910	0.8097	0.1000	20.5	20.0	2.4	30.0
3-Chloro-1-propene	Ave	0.1671	0.1640		19.6	20.0	-1.9	30.0
Methyl acetate	Ave	8.613	8.317	0.0500	38.6	40.0	-3.4	30.0
Cyclopentene	Ave	0.6524	0.4907		15.0	20.0	-24.8	30.0
Acetonitrile	Ave	1.612	1.387		172	200	-13.9	30.0
Methylene Chloride	Ave	0.2771	0.2694	0.1000	19.4	20.0	-2.8	30.0
2-Methyl-2-propanol	Ave	1.182	1.132		192	200	-4.2	30.0
Methyl tert-butyl ether	Ave	0.5907	0.5639	0.1000	19.1	20.0	-4.5	30.0
trans-1,2-Dichloroethene	Ave	0.2738	0.2632	0.1000	19.2	20.0	-3.9	30.0
Acrylonitrile	Ave	0.0518	0.0484		187	200	-6.6	30.0
Hexane	Ave	0.1473	0.1492		20.3	20.0	1.3	30.0
Isopropyl ether	Ave	0.7762	0.7287		18.8	20.0	-6.1	30.0
1,1-Dichloroethane	Ave	0.4915	0.4908	0.2000	20.0	20.0	-0.2	30.0
Vinyl acetate	Ave	3.175	2.871		36.2	40.0	-9.6	30.0
2-Chloro-1,3-butadiene	Ave	0.2370	0.2365		20.0	20.0	-0.2	30.0
Tert-butyl ethyl ether	Ave	0.7213	0.6633		18.4	20.0	-8.0	30.0
2,2-Dichloropropane	Ave	0.0959	0.0948		19.8	20.0	-1.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: ICV 460-1037325/21 Calibration Date: 05/14/2025 11:47

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A26575.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3092	0.3004	0.1000	19.4	20.0	-2.9	30.0
Ethyl acetate	Qua		0.3132		36.1	40.0	-9.8	30.0
2-Butanone (MEK)	Ave	0.3554	0.3158	0.0100	88.9	100	-11.1	30.0
Methyl acrylate	Ave	0.1427	0.1299		18.2	20.0	-9.0	30.0
Propionitrile	Ave	1.696	1.547		182	200	-8.8	30.0
Chlorobromomethane	Ave	0.1260	0.1241		19.7	20.0	-1.5	30.0
Tetrahydrofuran	Lin2		1.101		42.7	40.0	6.8	30.0
Methacrylonitrile	Ave	0.0678	0.0631		186	200	-6.9	30.0
Chloroform	Ave	0.4923	0.4816	0.2000	19.6	20.0	-2.2	30.0
Cyclohexane	Ave	0.3571	0.3946	0.1000	22.1	20.0	10.5	30.0
1,1,1-Trichloroethane	Ave	0.4161	0.4147	0.1000	19.9	20.0	-0.3	30.0
Carbon tetrachloride	Ave	0.3338	0.3427	0.1000	20.5	20.0	2.7	30.0
1,1-Dichloropropene	Ave	0.3652	0.3562		19.5	20.0	-2.5	30.0
Isobutyl alcohol	Ave	0.5039	0.4648		461	500	-7.8	30.0
Isooctane	Ave	0.4284	0.4228		19.7	20.0	-1.3	30.0
Benzene	Ave	1.591	1.525	0.5000	19.2	20.0	-4.1	30.0
Isopropyl acetate	Lin2		0.0763		18.6	20.0	-6.8	30.0
Tert-amyl methyl ether	Ave	0.1857	0.1775		19.1	20.0	-4.4	30.0
1,2-Dichloroethane	Ave	0.3248	0.2924	0.1000	18.0	20.0	-10.0	30.0
n-Heptane	Ave	0.1125	0.1111		19.7	20.0	-1.3	30.0
n-Butanol	Ave	0.3412	0.2990		438	500	-12.4	30.0
Trichloroethene	Ave	0.2893	0.2888	0.2000	20.0	20.0	-0.2	30.0
Ethyl acrylate	Ave	0.0278	0.0264		19.0	20.0	-4.9	30.0
Methylcyclohexane	Ave	0.2981	0.3171	0.1000	21.3	20.0	6.4	30.0
1,2-Dichloropropane	Ave	0.2790	0.2639	0.1000	18.9	20.0	-5.4	30.0
Methyl methacrylate	Ave	0.1268	0.1153		36.3	40.0	-9.1	30.0
1,4-Dioxane	Ave	1.085	1.063		392	400	-2.0	30.0
n-Propyl acetate	Ave	0.2130	0.1958		18.4	20.0	-8.0	30.0
Dibromomethane	Ave	0.1402	0.1335		19.0	20.0	-4.8	30.0
Dichlorobromomethane	Ave	0.3673	0.3539	0.2000	19.3	20.0	-3.6	30.0
2-Nitropropane	Lin2		0.0385		38.7	40.0	-3.2	30.0
Epichlorohydrin	Ave	0.2131	0.2832		26.6	20.0	32.9*	30.0
cis-1,3-Dichloropropene	Ave	0.6632	0.5772	0.2000	17.4	20.0	-13.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.572	2.410	0.0500	93.7	100	-6.3	30.0
Toluene	Ave	1.599	1.531	0.4000	19.1	20.0	-4.3	30.0
trans-1,3-Dichloropropene	Ave	0.5345	0.5074	0.1000	19.0	20.0	-5.1	30.0
Ethyl methacrylate	Ave	0.2498	0.2261		18.1	20.0	-9.5	30.0
1,1,2-Trichloroethane	Ave	0.2321	0.2435	0.1000	21.0	20.0	4.9	30.0
Tetrachloroethene	Ave	0.3686	0.3622	0.2000	19.7	20.0	-1.7	30.0
1,3-Dichloropropane	Ave	0.4833	0.4637		19.2	20.0	-4.0	30.0
2-Hexanone	Ave	0.9849	0.9295	0.0500	94.4	100	-5.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: ICV 460-1037325/21 Calibration Date: 05/14/2025 11:47

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A26575.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.0608	0.0607		20.0	20.0	-0.2	30.0
Chlorodibromomethane	Lin2		0.3222	0.1000	19.1	20.0	-4.7	30.0
Ethylene Dibromide	Ave	0.2765	0.2607	0.1000	18.9	20.0	-5.7	30.0
Chlorobenzene	Ave	1.010	0.9625	0.5000	19.1	20.0	-4.7	30.0
Ethylbenzene	Ave	0.5607	0.5305	0.1000	18.9	20.0	-5.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3399	0.3419		20.1	20.0	0.6	30.0
m-Xylene & p-Xylene	Ave	0.6776	0.6628	0.1000	19.6	20.0	-2.2	30.0
n-Butyl acrylate	Ave	0.2220	0.1967		17.7	20.0	-11.4	30.0
o-Xylene	Ave	0.6601	0.6367	0.3000	19.3	20.0	-3.5	30.0
Styrene	Ave	1.087	1.074	0.3000	19.8	20.0	-1.2	30.0
Amyl acetate (mixed isomers)	Ave	0.8646	0.8124		18.8	20.0	-6.0	30.0
Bromoform	Ave	0.1816	0.1675	0.1000	18.4	20.0	-7.8	30.0
Isopropylbenzene	Ave	1.465	1.595	0.1000	21.8	20.0	8.9	30.0
Bromobenzene	Ave	0.8239	0.7667		18.6	20.0	-6.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5652	0.5464	0.3000	19.3	20.0	-3.3	30.0
N-Propylbenzene	Ave	3.965	3.980		20.1	20.0	0.4	30.0
1,2,3-Trichloropropane	Ave	0.1606	0.1635		20.4	20.0	1.8	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1715	0.1505		17.6	20.0	-12.2	30.0
2-Chlorotoluene	Ave	2.786	2.705		19.4	20.0	-2.9	30.0
4-Ethyltoluene	Ave	3.278	3.184		19.4	20.0	-2.8	30.0
1,3,5-Trimethylbenzene	Ave	2.577	2.584		20.1	20.0	0.3	30.0
4-Chlorotoluene	Ave	2.542	2.496		19.6	20.0	-1.8	30.0
Butyl Methacrylate	Ave	0.9274	0.8767		18.9	20.0	-5.5	30.0
tert-Butylbenzene	Ave	2.116	2.096		19.8	20.0	-0.9	30.0
1,2,4-Trimethylbenzene	Ave	2.654	2.601		19.6	20.0	-2.0	30.0
sec-Butylbenzene	Ave	0.6153	0.5978		19.4	20.0	-2.9	30.0
4-Isopropyltoluene	Ave	2.625	2.429		18.5	20.0	-7.5	30.0
1,3-Dichlorobenzene	Ave	1.513	1.430	0.6000	18.9	20.0	-5.5	30.0
1,4-Dichlorobenzene	Ave	1.559	1.464	0.5000	18.8	20.0	-6.1	30.0
1,2,3-Trimethylbenzene	Ave	2.699	2.532		18.8	20.0	-6.2	30.0
Benzyl chloride	Ave	1.132	1.058		18.7	20.0	-6.5	30.0
Indan	Ave	2.460	2.516		20.5	20.0	2.3	30.0
p-Diethylbenzene	Ave	1.549	1.438		18.6	20.0	-7.1	30.0
n-Butylbenzene	Ave	1.265	1.242		19.6	20.0	-1.8	30.0
1,2-Dichlorobenzene	Ave	1.309	1.248	0.4000	19.1	20.0	-4.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.210	2.013		18.2	20.0	-8.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.0909	0.0832	0.0500	18.3	20.0	-8.6	30.0
1,3,5-Trichlorobenzene	Ave	0.8479	0.7384		17.4	20.0	-12.9	30.0
1,2,4-Trichlorobenzene	Qua2		0.6012	0.2000	20.8	20.0	4.1	30.0
Hexachlorobutadiene	Qua2		0.2680		23.3	20.0	16.7	30.0
Naphthalene	Lin2		1.073		18.9	20.0	-5.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: ICV 460-1037325/21 Calibration Date: 05/14/2025 11:47

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A26575.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Qua		0.4257		19.7	20.0	-1.7	30.0
Dibromofluoromethane (Surr)	Ave	0.2497	0.2547		51.0	50.0	2.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2488	0.2523		50.7	50.0	1.4	30.0
Toluene-d8 (Surr)	Ave	1.348	1.353		50.2	50.0	0.4	30.0
4-Bromofluorobenzene	Ave	0.3797	0.3819		50.3	50.0	0.6	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26575.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 14-May-2025 11:47:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0190761-021
Operator ID: Instrument ID: CVOAMS1
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:12:38 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: NN6A Date: 14-May-2025 21:12:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.510	1.510	0.000	92	6912	20.0	13.1	
4 Dichlorodifluoromethane	85	1.540	1.540	0.000	98	62308	20.0	17.3	
165 Chlorodifluoromethane	51	1.558	1.558	0.000	97	57187	20.0	18.8	
6 Chloromethane	50	1.728	1.728	0.000	99	67267	20.0	17.6	
7 Vinyl chloride	62	1.793	1.793	0.000	98	71700	20.0	21.4	
172 Butadiene	39	1.810	1.810	0.000	95	61245	20.0	20.2	
9 Bromomethane	94	2.069	2.069	0.000	99	42625	20.0	19.3	
10 Chloroethane	64	2.146	2.146	0.000	99	42376	20.0	18.8	
174 Dichlorofluoromethane	67	2.299	2.299	0.000	98	118144	20.0	19.3	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	98	88026	20.0	20.4	
13 Pentane	72	2.352	2.352	0.000	96	16752	40.0	56.5	
14 Ethanol	46	2.475	2.475	0.000	87	6999	800.0	793.9	
15 Ethyl ether	59	2.528	2.528	0.000	97	36214	20.0	18.5	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	94	47794	20.0	21.3	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.563	2.557	0.006	94	40399	20.0	18.5	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	96	71118	20.0	18.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	94	51291	20.0	22.1	
19 Acrolein	56	2.693	2.693	0.000	35	8008	39.5	31.7	
21 1,1-Dichloroethene	96	2.728	2.728	0.000	98	50396	20.0	20.3	
22 Acetone	58	2.805	2.810	-0.005	87	12206	100.0	89.0	
24 Isopropyl alcohol	45	2.869	2.863	0.006	91	17755	200.0	198.0	
23 Iodomethane	142	2.887	2.887	0.000	97	57322	20.0	18.4	
25 Carbon disulfide	76	2.922	2.922	0.000	99	168993	20.0	20.5	
27 Methyl acetate	43	3.028	3.028	0.000	61	39715	40.0	38.6	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	92	34231	20.0	19.6	
166 Cyclopentene	67	3.052	3.052	0.000	89	102406	20.0	15.0	
29 Acetonitrile	41	3.093	3.099	-0.006	98	33128	200.0	172.2	
* 30 TBA-d9 (IS)	65	3.110	3.110	0.000	0	119381	1000.0	1000.0	
31 Methylene Chloride	84	3.152	3.152	0.000	95	56233	20.0	19.4	
32 2-Methyl-2-propanol	59	3.181	3.181	0.000	96	27034	200.0	191.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.299	3.299	0.000	97	117680	20.0	19.1	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	94	54926	20.0	19.2	
35 Acrylonitrile	53	3.404	3.404	0.000	96	101060	200.0	186.8	
36 Hexane	43	3.481	3.481	0.000	95	31147	20.0	20.3	
37 Isopropyl ether	45	3.675	3.675	0.000	97	152074	20.0	18.8	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	85	102424	20.0	20.0	
39 Vinyl acetate	86	3.728	3.728	0.000	100	13709	40.0	36.2	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	91	49356	20.0	20.0	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	89	138435	20.0	18.4	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	135824	250.0	250.0	
43 2,2-Dichloropropane	97	4.222	4.222	0.000	91	19794	20.0	19.8	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	97	62692	20.0	19.4	
46 Ethyl acetate	70	4.251	4.257	-0.006	94	6806	40.0	36.1	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	97	17160	100.0	88.9	
47 Methyl acrylate	55	4.316	4.316	0.000	99	27101	20.0	18.2	
48 Propionitrile	54	4.399	4.404	-0.005	98	36927	200.0	182.4	
50 Chlorobromomethane	128	4.487	4.487	0.000	84	25908	20.0	19.7	
49 Tetrahydrofuran	42	4.499	4.493	0.006	57	23929	40.0	42.7	
51 Methacrylonitrile	67	4.510	4.510	0.000	92	131687	200.0	186.2	
52 Chloroform	83	4.534	4.534	0.000	99	100507	20.0	19.6	
53 Cyclohexane	56	4.681	4.681	0.000	91	82353	20.0	22.1	
54 1,1,1-Trichloroethane	97	4.693	4.693	0.000	76	86558	20.0	19.9	
$ 55 Dibromofluoromethane (Surr)	113	4.699	4.699	0.000	96	132887	50.0	51.0	
56 Carbon tetrachloride	117	4.822	4.822	0.000	98	71528	20.0	20.5	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	97	74346	20.0	19.5	
58 Isobutyl alcohol	43	4.951	4.946	0.005	95	27742	500.0	461.2	
59 Isooctane	57	5.016	5.022	-0.006	98	88239	20.0	19.7	
60 Benzene	78	5.063	5.069	-0.006	95	220586	20.0	19.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	131624	50.0	50.7	
62 Isopropyl acetate	61	5.098	5.104	-0.006	98	15923	20.0	18.6	
63 Tert-amyl methyl ether	87	5.110	5.110	0.000	97	37045	20.0	19.1	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	97	61018	20.0	18.0	
65 n-Heptane	71	5.204	5.210	-0.006	91	23181	20.0	19.7	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	521759	50.0	50.0	
67 n-Butanol	56	5.675	5.675	0.000	86	17847	500.0	438.2	
68 Trichloroethene	95	5.751	5.757	-0.006	98	60267	20.0	20.0	
69 Ethyl acrylate	99	5.869	5.881	-0.012	93	5514	20.0	19.0	
70 Methylcyclohexane	83	5.887	5.893	-0.006	90	66187	20.0	21.3	
71 1,2-Dichloropropane	63	6.081	6.075	0.006	90	55067	20.0	18.9	
* 73 1,4-Dioxane-d8	96	6.128	6.134	-0.006	0	14606	1000.0	1000.0	
72 Methyl methacrylate	69	6.145	6.151	-0.006	85	48108	40.0	36.3	
75 1,4-Dioxane	88	6.193	6.198	-0.005	69	6209	400.0	391.9	
74 n-Propyl acetate	43	6.204	6.204	0.000	99	40871	20.0	18.4	
76 Dibromomethane	93	6.222	6.222	0.000	96	27864	20.0	19.0	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	73855	20.0	19.3	
79 2-Nitropropane	41	6.763	6.757	0.006	97	16057	40.0	38.7	
80 Epichlorohydrin	57	6.887	6.887	0.000	1	3077	20.0	26.6	Ma
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	92	83475	20.0	17.4	
82 4-Methyl-2-pentanone (MIBK)	43	7.128	7.128	0.000	96	130952	100.0	93.7	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	489314	50.0	50.2	
84 Toluene	91	7.316	7.316	0.000	95	221372	20.0	19.1	
86 trans-1,3-Dichloropropene	75	7.722	7.722	0.000	98	73390	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.751	7.745	0.006	90	47196	20.0	18.1	
87 1,1,2-Trichloroethane	83	7.987	7.987	0.000	98	35213	20.0	21.0	
88 Tetrachloroethene	166	8.039	8.034	0.005	97	52388	20.0	19.7	
89 1,3-Dichloropropane	76	8.257	8.257	0.000	93	67069	20.0	19.2	
90 2-Hexanone	58	8.339	8.339	0.000	96	50497	100.0	94.4	
91 n-Butyl acetate	73	8.492	8.492	0.000	99	8780	20.0	20.0	
92 Chlorodibromomethane	129	8.563	8.563	0.000	98	46592	20.0	19.1	
93 Ethylene Dibromide	107	8.763	8.763	0.000	97	37703	20.0	18.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	87	361569	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	94	139206	20.0	19.1	
96 Ethylbenzene	106	9.433	9.433	0.000	98	76727	20.0	18.9	
97 1,1,1,2-Tetrachloroethane	131	9.445	9.445	0.000	95	49445	20.0	20.1	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	95858	20.0	19.6	
99 n-Butyl acrylate	73	9.933	9.933	0.000	98	28450	20.0	17.7	
100 o-Xylene	106	9.951	9.951	0.000	93	92085	20.0	19.3	
101 Styrene	104	9.975	9.975	0.000	96	155323	20.0	19.8	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	91	55922	20.0	18.8	
103 Bromoform	173	10.157	10.157	0.000	93	24218	20.0	18.4	
104 Isopropylbenzene	105	10.257	10.251	0.006	96	230745	20.0	21.8	
$ 105 4-Bromofluorobenzene	174	10.422	10.416	0.006	89	138077	50.0	50.3	
107 Bromobenzene	156	10.528	10.528	0.000	98	52780	20.0	18.6	
106 1,1,2,2-Tetrachloroethane	83	10.563	10.557	0.006	98	37612	20.0	19.3	
108 N-Propylbenzene	91	10.580	10.575	0.005	99	273950	20.0	20.1	
110 1,2,3-Trichloropropane	110	10.598	10.592	0.006	96	11255	20.0	20.4	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.604	0.006	94	10360	20.0	17.6	
112 2-Chlorotoluene	91	10.663	10.657	0.006	96	186204	20.0	19.4	
169 4-Ethyltoluene	105	10.669	10.657	0.012	88	219189	20.0	19.4	
113 1,3,5-Trimethylbenzene	105	10.716	10.704	0.012	93	177897	20.0	20.1	
115 4-Chlorotoluene	91	10.751	10.745	0.006	98	171844	20.0	19.6	
114 Butyl Methacrylate	87	10.786	10.775	0.011	88	60347	20.0	18.9	
116 tert-Butylbenzene	119	10.939	10.928	0.011	93	144303	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	10.986	10.969	0.017	98	179033	20.0	19.6	
118 sec-Butylbenzene	134	11.092	11.069	0.023	99	41148	20.0	19.4	
119 4-Isopropyltoluene	119	11.186	11.163	0.023	97	167191	20.0	18.5	
120 1,3-Dichlorobenzene	146	11.198	11.175	0.023	96	98404	20.0	18.9	
* 121 1,4-Dichlorobenzene-d4	152	11.245	11.222	0.023	94	172092	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.263	11.239	0.024	95	100774	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	11.269	11.251	0.018	98	174285	20.0	18.8	
124 Benzyl chloride	91	11.363	11.339	0.024	98	72854	20.0	18.7	
162 2,3-Dihydroindene	117	11.410	11.386	0.024	94	173208	20.0	20.5	
164 p-Diethylbenzene	119	11.439	11.416	0.023	93	99007	20.0	18.6	
127 n-Butylbenzene	92	11.457	11.433	0.024	98	85513	20.0	19.6	
128 1,2-Dichlorobenzene	146	11.522	11.498	0.024	97	85924	20.0	19.1	
163 1,2,4,5-Tetramethylbenzene	119	11.992	11.963	0.029	98	138581	20.0	18.2	
130 1,2-Dibromo-3-Chloropropane	157	12.098	12.069	0.029	95	5724	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	12.198	12.169	0.029	96	50829	20.0	17.4	
132 1,2,4-Trichlorobenzene	180	12.733	12.698	0.035	93	41385	20.0	20.8	
133 Hexachlorobutadiene	225	12.816	12.780	0.036	93	18445	20.0	23.3	
134 Naphthalene	128	12.974	12.945	0.029	99	73859	20.0	18.9	
135 1,2,3-Trichlorobenzene	180	13.204	13.174	0.030	95	29307	20.0	19.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.7	
S 137 Xylenes, Total	100				0		40.0	38.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00622	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00177	Amount Added:	4.00	Units: uL	
8260 SP_00192	Amount Added:	20.00	Units: uL	
7 Freons SS_00028	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:12:57 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26575.D

Injection Date: 14-May-2025 11:47:30 Instrument ID: CVOAMS1 Operator ID:

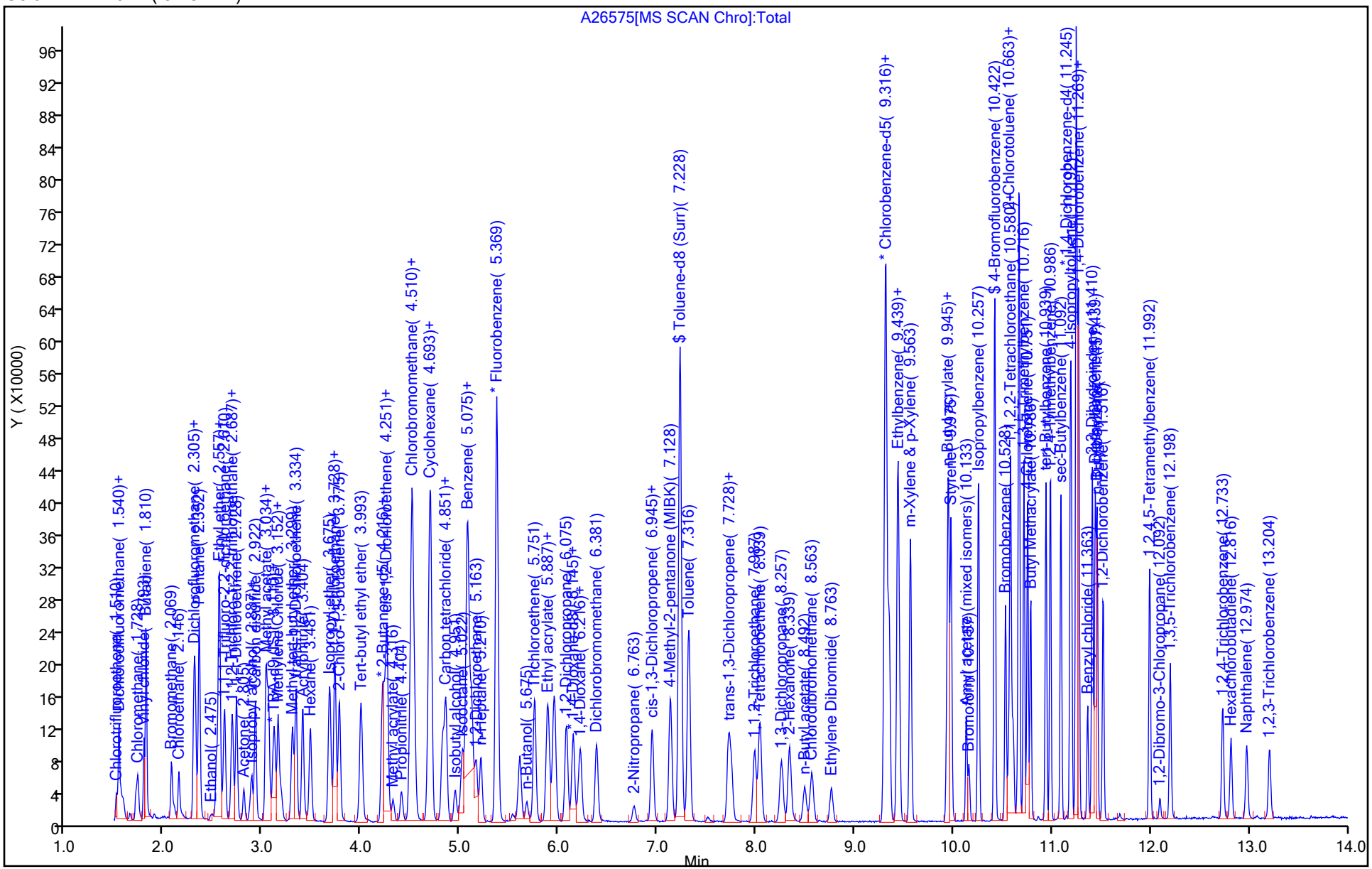
Lims ID: ICV Worklist Smp#: 21

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

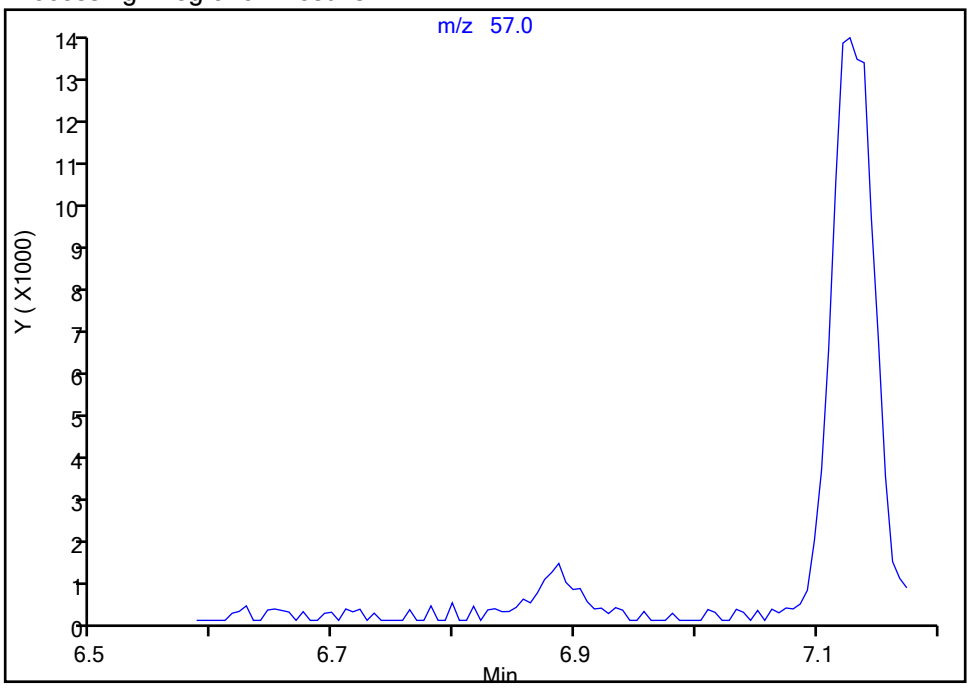
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26575.D
Injection Date: 14-May-2025 11:47:30 Instrument ID: CVOAMS1
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

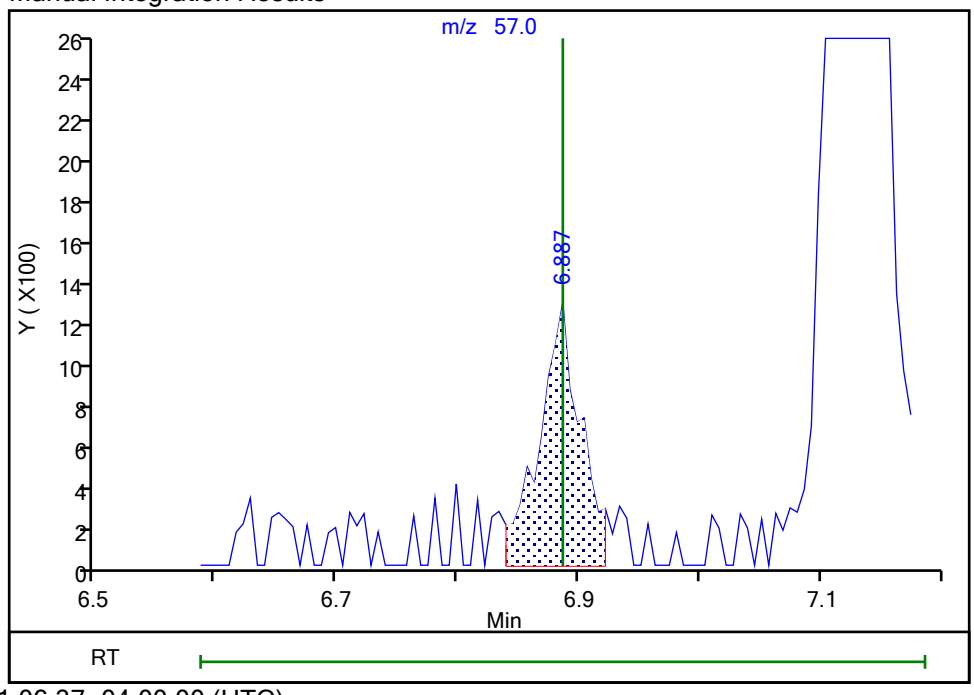
Not Detected
Expected RT: 6.89

Processing Integration Results



Manual Integration Results

RT: 6.89
Area: 3077
Amount: 26.578670
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 21:06:37 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: CCVIS 460-1053164/3 Calibration Date: 08/01/2025 07:32

Instrument ID: CVOAMS1 Calib Start Date: 03/01/2025 15:41

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/01/2025 18:32

Lab File ID: A30081.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Ave	0.0161				20.0		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30081.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Aug-2025 07:32:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0194382-003
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 12:03:20 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: KG2Q Date: 01-Aug-2025 12:03:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.522	1.522	0.000	92	10216	20.0	20.0	
4 Dichlorodifluoromethane	85	1.552	1.552	0.000	98	60728	20.0	17.4	
165 Chlorodifluoromethane	51	1.569	1.569	0.000	95	71386	20.0	24.2	
6 Chloromethane	50	1.746	1.746	0.000	99	83436	20.0	22.5	
7 Vinyl chloride	62	1.805	1.805	0.000	98	71213	20.0	22.0	
172 Butadiene	39	1.828	1.828	0.000	95	57001	20.0	19.4	
9 Bromomethane	94	2.081	2.081	0.000	99	41257	20.0	19.3	
10 Chloroethane	64	2.158	2.158	0.000	99	53817	20.0	24.6	
174 Dichlorofluoromethane	67	2.310	2.310	0.000	99	110531	20.0	18.6	
12 Trichlorofluoromethane	101	2.322	2.322	0.000	99	72423	20.0	17.3	
13 Pentane	72	2.363	2.363	0.000	96	18054	40.0	50.5	
14 Ethanol	46	2.493	2.493	0.000	99	8672	800.0	814.9	
15 Ethyl ether	59	2.540	2.540	0.000	95	44854	20.0	23.9	
16 2-Methyl-1,3-butadiene	53	2.563	2.563	0.000	93	40402	20.0	18.5	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.569	2.569	0.000	94	45096	20.0	21.3	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.616	2.616	0.000	96	77401	20.0	21.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.699	2.699	0.000	96	49768	20.0	22.1	
19 Acrolein	56	2.710	2.710	0.000	38	10314	40.0	33.9	
21 1,1-Dichloroethene	96	2.740	2.740	0.000	98	48274	20.0	20.0	
22 Acetone	58	2.816	2.816	0.000	88	17857	100.0	97.7	
24 Isopropyl alcohol	45	2.881	2.881	0.000	98	21309	200.0	196.6	
23 Iodomethane	142	2.893	2.893	0.000	97	62463	20.0	20.6	
25 Carbon disulfide	76	2.934	2.934	0.000	98	200096	20.0	25.0	
161 3-Chloro-1-propene	76	3.040	3.040	0.000	92	31688	20.0	18.7	
27 Methyl acetate	43	3.046	3.046	0.000	92	55746	40.0	44.8	
166 Cyclopentene	67	3.063	3.063	0.000	93	136988	20.0	20.8	
29 Acetonitrile	41	3.110	3.110	0.000	55	56768	200.0	244.1	
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	144327	1000.0	1000.0	
31 Methylene Chloride	84	3.163	3.163	0.000	89	65295	20.0	23.3	
32 2-Methyl-2-propanol	59	3.193	3.193	0.000	97	33963	200.0	199.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.310	3.310	0.000	98	126898	20.0	21.2	
34 trans-1,2-Dichloroethene	96	3.346	3.346	0.000	91	61247	20.0	22.1	
35 Acrylonitrile	53	3.416	3.416	0.000	95	154625	200.0	294.8	
36 Hexane	43	3.487	3.487	0.000	92	35365	20.0	23.7	
37 Isopropyl ether	45	3.681	3.681	0.000	97	155538	20.0	19.8	
38 1,1-Dichloroethane	63	3.734	3.734	0.000	72	103824	20.0	20.9	
39 Vinyl acetate	86	3.740	3.740	0.000	99	21187	40.0	46.2	
40 2-Chloro-1,3-butadiene	88	3.781	3.781	0.000	89	45395	20.0	18.9	
41 Tert-butyl ethyl ether	59	3.999	3.999	0.000	90	140497	20.0	19.3	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	180868	250.0	250.0	
43 2,2-Dichloropropane	97	4.234	4.234	0.000	91	20057	20.0	20.7	
44 cis-1,2-Dichloroethene	96	4.263	4.263	0.000	96	65553	20.0	21.0	
46 Ethyl acetate	70	4.269	4.269	0.000	95	9089	40.0	36.2	
45 2-Butanone (MEK)	72	4.275	4.275	0.000	97	24579	100.0	95.6	
47 Methyl acrylate	55	4.328	4.328	0.000	99	33208	20.0	23.0	
48 Propionitrile	54	4.416	4.416	0.000	99	56963	200.0	232.7	
50 Chlorobromomethane	128	4.499	4.499	0.000	88	30379	20.0	23.8	
49 Tetrahydrofuran	42	4.504	4.504	0.000	55	29834	40.0	39.9	
51 Methacrylonitrile	67	4.516	4.516	0.000	90	196386	200.0	286.5	
52 Chloroform	83	4.540	4.540	0.000	99	103012	20.0	20.7	
53 Cyclohexane	56	4.687	4.687	0.000	89	78920	20.0	21.9	
54 1,1,1-Trichloroethane	97	4.699	4.699	0.000	97	80493	20.0	19.1	
$ 55 Dibromofluoromethane (Surr)	113	4.704	4.704	0.000	97	123827	50.0	49.0	
56 Carbon tetrachloride	117	4.828	4.828	0.000	97	62646	20.0	18.6	
57 1,1-Dichloropropene	75	4.857	4.857	0.000	98	70331	20.0	19.0	
58 Isobutyl alcohol	43	4.963	4.963	0.000	94	34675	500.0	476.8	
59 Isooctane	57	5.022	5.022	0.000	98	105412	20.0	24.3	
60 Benzene	78	5.069	5.069	0.000	95	257740	20.0	21.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	122161	50.0	48.5	
62 Isopropyl acetate	61	5.104	5.104	0.000	98	20701	20.0	26.1	
63 Tert-amyl methyl ether	87	5.116	5.116	0.000	96	45807	20.0	24.4	
64 1,2-Dichloroethane	62	5.169	5.169	0.000	96	65537	20.0	19.9	
65 n-Heptane	71	5.210	5.210	0.000	88	27021	20.0	23.7	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	505757	50.0	50.0	
67 n-Butanol	56	5.687	5.687	0.000	88	16391	500.0	332.9	
68 Trichloroethene	95	5.757	5.757	0.000	99	56556	20.0	19.3	
69 Ethyl acrylate	99	5.893	5.893	0.000	98	5517	20.0	19.6	
70 Methylcyclohexane	83	5.893	5.893	0.000	87	65983	20.0	21.9	
71 1,2-Dichloropropane	63	6.081	6.081	0.000	92	58857	20.0	20.9	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	19724	1000.0	1000.0	
72 Methyl methacrylate	69	6.151	6.151	0.000	86	60593	40.0	47.2	
74 n-Propyl acetate	43	6.210	6.210	0.000	97	50408	20.0	23.4	
75 1,4-Dioxane	88	6.222	6.222	0.000	31	10078	400.0	471.0	
76 Dibromomethane	93	6.228	6.228	0.000	97	34405	20.0	24.3	
77 Dichlorobromomethane	83	6.387	6.387	0.000	99	72732	20.0	19.6	
79 2-Nitropropane	41	6.769	6.769	0.000	97	18364	40.0	45.9	
80 Epichlorohydrin	57	6.893	6.893	0.000	99	59469	400.0	385.8	
81 cis-1,3-Dichloropropene	75	6.951	6.951	0.000	89	92879	20.0	18.3	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.134	0.000	96	161699	100.0	86.9	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	471271	50.0	45.6	
84 Toluene	91	7.322	7.322	0.000	93	235370	20.0	19.2	
86 trans-1,3-Dichloropropene	75	7.728	7.728	0.000	98	71384	20.0	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.757	7.757	0.000	88	47168	20.0	18.7	
87 1,1,2-Trichloroethane	83	7.992	7.992	0.000	98	44483	20.0	25.0	
88 Tetrachloroethene	166	8.040	8.040	0.000	96	55561	20.0	19.7	
89 1,3-Dichloropropane	76	8.263	8.263	0.000	91	80689	20.0	21.8	
90 2-Hexanone	58	8.345	8.345	0.000	96	55753	100.0	78.2	
91 n-Butyl acetate	73	8.510	8.510	0.000	98	8098	20.0	17.4	
92 Chlorodibromomethane	129	8.569	8.569	0.000	98	56946	20.0	22.0	
93 Ethylene Dibromide	107	8.769	8.769	0.000	98	46531	20.0	21.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	383527	50.0	50.0	
95 Chlorobenzene	112	9.351	9.351	0.000	96	155288	20.0	20.1	
96 Ethylbenzene	106	9.434	9.434	0.000	98	74184	20.0	17.2	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.451	0.000	97	54329	20.0	20.8	
98 m-Xylene & p-Xylene	106	9.569	9.569	0.000	0	89776	20.0	17.3	
99 n-Butyl acrylate	73	9.939	9.939	0.000	97	26326	20.0	15.5	
100 o-Xylene	106	9.951	9.951	0.000	94	89406	20.0	17.7	
101 Styrene	104	9.975	9.975	0.000	97	152272	20.0	18.3	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	92	54349	20.0	15.5	
103 Bromoform	173	10.163	10.163	0.000	95	34653	20.0	24.9	
104 Isopropylbenzene	105	10.257	10.257	0.000	95	197168	20.0	17.5	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	155160	50.0	53.3	
107 Bromobenzene	156	10.528	10.528	0.000	99	62206	20.0	18.7	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	66352	20.0	29.0	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	262070	20.0	16.3	
110 1,2,3-Trichloropropane	110	10.598	10.598	0.000	98	17160	20.0	26.4	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.610	0.000	90	11859	20.0	17.1	
112 2-Chlorotoluene	91	10.663	10.663	0.000	96	197417	20.0	17.5	
169 4-Ethyltoluene	105	10.663	10.663	0.000	89	214513	20.0	16.2	
113 1,3,5-Trimethylbenzene	105	10.710	10.710	0.000	94	179774	20.0	17.3	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	182090	20.0	17.7	
114 Butyl Methacrylate	87	10.775	10.775	0.000	89	60332	20.0	16.1	
116 tert-Butylbenzene	119	10.928	10.928	0.000	95	135750	20.0	15.9	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	97	186208	20.0	17.4	
118 sec-Butylbenzene	134	11.075	11.075	0.000	99	38925	20.0	15.6	
119 4-Isopropyltoluene	119	11.169	11.169	0.000	98	164457	20.0	15.5	
120 1,3-Dichlorobenzene	146	11.180	11.180	0.000	97	118941	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	11.228	11.228	0.000	95	202195	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.245	11.245	0.000	96	125308	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	98	202252	20.0	18.5	
124 Benzyl chloride	91	11.339	11.339	0.000	99	108528	20.0	23.7	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	94	181131	20.0	18.2	
164 p-Diethylbenzene	119	11.416	11.416	0.000	93	105163	20.0	16.8	
127 n-Butylbenzene	92	11.433	11.433	0.000	98	90096	20.0	17.6	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	97	110903	20.0	21.0	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	97	134819	20.0	15.1	
130 1,2-Dibromo-3-Chloropropane	157	12.069	12.069	0.000	96	10266	20.0	27.9	
131 1,3,5-Trichlorobenzene	180	12.175	12.175	0.000	97	62260	20.0	18.2	
132 1,2,4-Trichlorobenzene	180	12.704	12.704	0.000	95	48628	20.0	20.8	
133 Hexachlorobutadiene	225	12.780	12.780	0.000	90	16280	20.0	17.3	
134 Naphthalene	128	12.945	12.945	0.000	100	106268	20.0	23.4	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	97	37361	20.0	21.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.1	
S 137 Xylenes, Total	100				0		40.0	34.9	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00208	Amount Added:	20.00	Units: uL	
524FREONS_00037	Amount Added:	20.00	Units: uL	
ACROLEIN W_00186	Amount Added:	4.00	Units: uL	
GASES Li_00654	Amount Added:	20.00	Units: uL	
8260ISNEW_00213	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00255	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Aug-2025 12:03:21 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30081.D

Injection Date: 01-Aug-2025 07:32:30 Instrument ID: CVOAMS1 Operator ID:

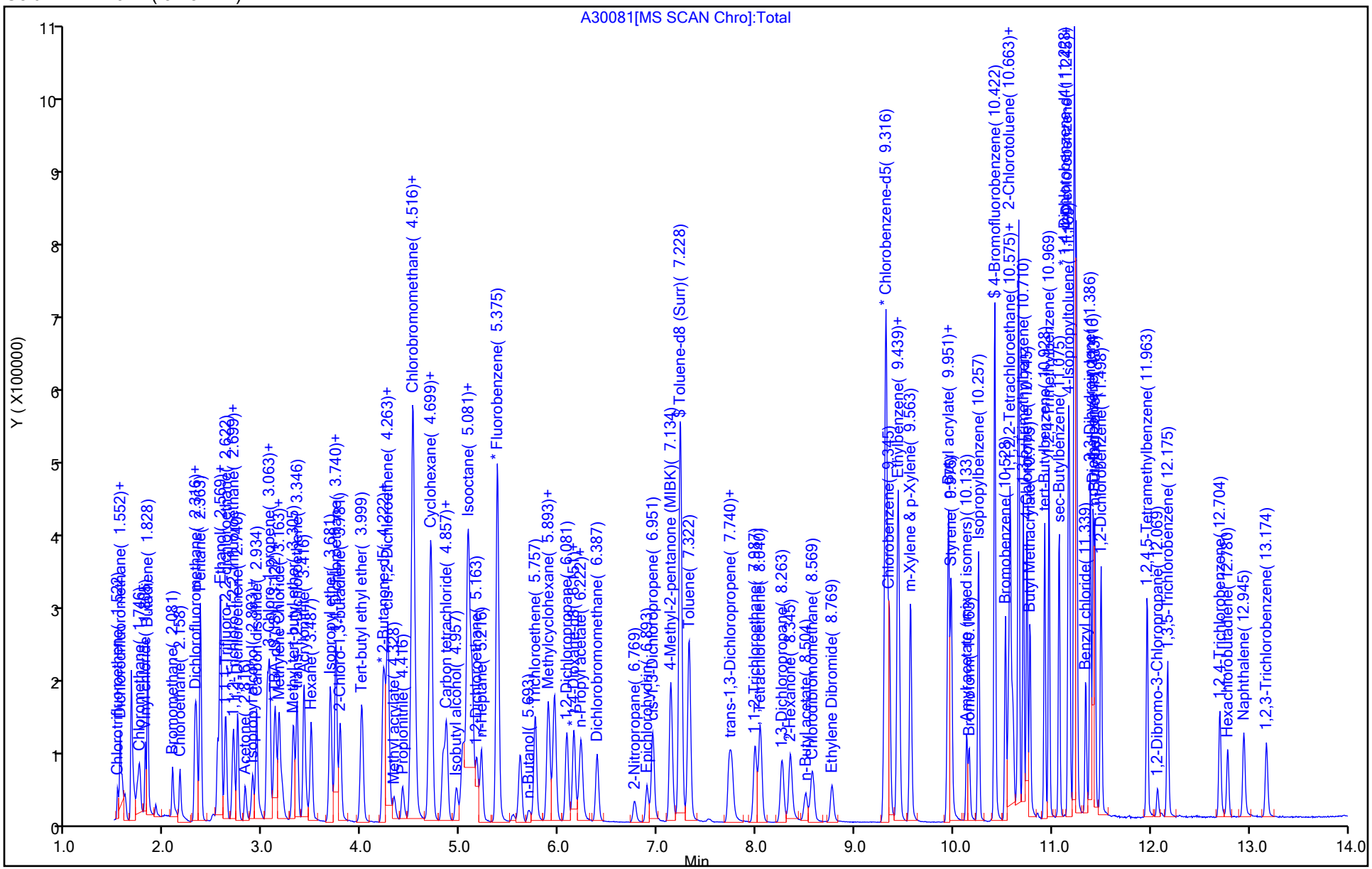
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: CCVIS 460-1053164/3 Calibration Date: 08/01/2025 07:32

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A30081.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0504	0.0505		20.0	20.0	0.2	20.0
Dichlorodifluoromethane	Ave	0.3447	0.3002	0.1000	17.4	20.0	-12.9	20.0
Chlorodifluoromethane	Ave	0.2916	0.3529		24.2	20.0	21.0*	20.0
Chloromethane	Ave	0.3671	0.4124	0.0050	22.5	20.0	12.4	20.0
Vinyl chloride	Ave	0.3206	0.3520	0.0050	22.0	20.0	9.8	20.0
Butadiene	Ave	0.2912	0.2818		19.4	20.0	-3.2	20.0
Bromomethane	Ave	0.2111	0.2039	0.0050	19.3	20.0	-3.4	50.0
Chloroethane	Ave	0.2159	0.2660	0.0050	24.6	20.0	23.2	50.0
Dichlorofluoromethane	Ave	0.5861	0.5464		18.6	20.0	-6.8	20.0
Trichlorofluoromethane	Ave	0.4143	0.3580	0.1000	17.3	20.0	-13.6	20.0
Pentane	QuaF		3.127		50.5	40.0	26.2*	20.0
Ethanol	Lin2		0.0751		815	800	1.9	50.0
Ethyl ether	Lin2		0.2217		23.9	20.0	19.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2154	0.1997		18.5	20.0	-7.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2092	0.2229		21.3	20.0	6.5	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3598	0.3826		21.3	20.0	6.3	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2229	0.2460	0.1000	22.1	20.0	10.4	20.0
Acrolein	Lin2		1.787		33.9	40.0	-15.2	50.0
1,1-Dichloroethene	Ave	0.2381	0.2386	0.1000	20.0	20.0	0.2	20.0
Acetone	Ave	0.2526	0.2468	0.0010	97.7	100	-2.3	50.0
Isopropyl alcohol	Ave	0.7510	0.7382		197	200	-1.7	50.0
Iodomethane	Ave	0.2991	0.3088		20.6	20.0	3.2	20.0
Carbon disulfide	Ave	0.7910	0.9891	0.1000	25.0	20.0	25.1	50.0
3-Chloro-1-propene	Ave	0.1671	0.1566		18.7	20.0	-6.3	20.0
Methyl acetate	Ave	8.613	9.656	0.0500	44.8	40.0	12.1	20.0
Cyclopentene	Ave	0.6524	0.6771		20.8	20.0	3.8	20.0
Acetonitrile	Ave	1.612	1.967		244	200	22.0*	20.0
Methylene Chloride	Ave	0.2771	0.3228	0.1000	23.3	20.0	16.5	20.0
2-Methyl-2-propanol	Ave	1.182	1.177		199	200	-0.5	50.0
Methyl tert-butyl ether	Ave	0.5907	0.6273	0.1000	21.2	20.0	6.2	20.0
trans-1,2-Dichloroethene	Ave	0.2738	0.3027	0.1000	22.1	20.0	10.6	20.0
Acrylonitrile	Ave	0.0518	0.0764		295	200	47.4*	20.0
Hexane	Ave	0.1473	0.1748		23.7	20.0	18.7	20.0
Isopropyl ether	Ave	0.7762	0.7688		19.8	20.0	-0.9	20.0
1,1-Dichloroethane	Ave	0.4915	0.5132	0.2000	20.9	20.0	4.4	20.0
Vinyl acetate	Ave	3.175	3.670		46.2	40.0	15.6	20.0
2-Chloro-1,3-butadiene	Ave	0.2370	0.2244		18.9	20.0	-5.3	20.0
Tert-butyl ethyl ether	Ave	0.7213	0.6945		19.3	20.0	-3.7	20.0
2,2-Dichloropropane	Ave	0.0959	0.0991		20.7	20.0	3.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: CCVIS 460-1053164/3 Calibration Date: 08/01/2025 07:32

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A30081.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3092	0.3240	0.1000	21.0	20.0	4.8	20.0
Ethyl acetate	Qua		0.3141		36.2	40.0	-9.5	20.0
2-Butanone (MEK)	Ave	0.3554	0.3397	0.0100	95.6	100	-4.4	50.0
Methyl acrylate	Ave	0.1427	0.1641		23.0	20.0	15.0	20.0
Propionitrile	Ave	1.696	1.973		233	200	16.3	20.0
Chlorobromomethane	Ave	0.1260	0.1502		23.8	20.0	19.2	20.0
Tetrahydrofuran	Lin2		1.031		39.9	40.0	-0.4	20.0
Methacrylonitrile	Ave	0.0678	0.0971		287	200	43.3*	20.0
Chloroform	Ave	0.4923	0.5092	0.2000	20.7	20.0	3.4	20.0
Cyclohexane	Ave	0.3571	0.3901	0.1000	21.9	20.0	9.3	50.0
1,1,1-Trichloroethane	Ave	0.4161	0.3979	0.1000	19.1	20.0	-4.4	20.0
Carbon tetrachloride	Ave	0.3338	0.3097	0.1000	18.6	20.0	-7.2	20.0
1,1-Dichloropropene	Ave	0.3652	0.3477		19.0	20.0	-4.8	20.0
Isobutyl alcohol	Ave	0.5039	0.4805		477	500	-4.6	50.0
Isooctane	Ave	0.4284	0.5211		24.3	20.0	21.6*	20.0
Benzene	Ave	1.591	1.680	0.5000	21.1	20.0	5.6	20.0
Isopropyl acetate	Lin2		0.1023		26.1	20.0	30.7*	20.0
Tert-amyl methyl ether	Ave	0.1857	0.2264		24.4	20.0	21.9*	20.0
1,2-Dichloroethane	Ave	0.3248	0.3240	0.1000	19.9	20.0	-0.3	20.0
n-Heptane	Ave	0.1125	0.1336		23.7	20.0	18.7	20.0
n-Butanol	Ave	0.3412	0.2271		333	500	-33.4	50.0
Trichloroethene	Ave	0.2893	0.2796	0.2000	19.3	20.0	-3.4	20.0
Ethyl acrylate	Ave	0.0278	0.0273		19.6	20.0	-1.9	20.0
Methylcyclohexane	Ave	0.2981	0.3262	0.1000	21.9	20.0	9.4	50.0
1,2-Dichloropropane	Ave	0.2790	0.2909	0.1000	20.9	20.0	4.3	20.0
Methyl methacrylate	Ave	0.1268	0.1498		47.2	40.0	18.1	20.0
n-Propyl acetate	Ave	0.2130	0.2492		23.4	20.0	17.0	20.0
1,4-Dioxane	Ave	1.085	1.277		471	400	17.7	50.0
Dibromomethane	Ave	0.1402	0.1701		24.3	20.0	21.3*	20.0
Dichlorobromomethane	Ave	0.3673	0.3595	0.2000	19.6	20.0	-2.1	20.0
2-Nitropropane	Lin2		0.0454		45.9	40.0	14.8	20.0
Epichlorohydrin	Ave	0.2131	0.2055		386	400	-3.6	20.0
cis-1,3-Dichloropropene	Ave	0.6632	0.6054	0.2000	18.3	20.0	-8.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.572	2.235	0.0500	86.9	100	-13.1	50.0
Toluene	Ave	1.599	1.534	0.4000	19.2	20.0	-4.1	20.0
trans-1,3-Dichloropropene	Ave	0.5345	0.4653	0.1000	17.4	20.0	-12.9	50.0
Ethyl methacrylate	Ave	0.2498	0.2332		18.7	20.0	-6.7	20.0
1,1,2-Trichloroethane	Ave	0.2321	0.2900	0.1000	25.0	20.0	24.9*	20.0
Tetrachloroethene	Ave	0.3686	0.3622	0.2000	19.7	20.0	-1.7	20.0
1,3-Dichloropropane	Ave	0.4833	0.5260		21.8	20.0	8.8	20.0
2-Hexanone	Ave	0.9849	0.7706	0.0500	78.2	100	-21.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: CCVIS 460-1053164/3 Calibration Date: 08/01/2025 07:32

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A30081.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.0608	0.0528		17.4	20.0	-13.2	20.0
Chlorodibromomethane	Lin2		0.3712	0.1000	22.0	20.0	9.8	50.0
Ethylene Dibromide	Ave	0.2765	0.3033	0.1000	21.9	20.0	9.7	20.0
Chlorobenzene	Ave	1.010	1.012	0.5000	20.1	20.0	0.3	20.0
Ethylbenzene	Ave	0.5607	0.4836	0.1000	17.2	20.0	-13.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3399	0.3541		20.8	20.0	4.2	20.0
m-Xylene & p-Xylene	Ave	0.6776	0.5852	0.1000	17.3	20.0	-13.6	20.0
n-Butyl acrylate	Ave	0.2220	0.1716		15.5	20.0	-22.7*	20.0
o-Xylene	Ave	0.6601	0.5828	0.3000	17.7	20.0	-11.7	20.0
Styrene	Ave	1.087	0.9926	0.3000	18.3	20.0	-8.7	20.0
Amyl acetate (mixed isomers)	Ave	0.8646	0.6720		15.5	20.0	-22.3*	20.0
Bromoform	Ave	0.1816	0.2259	0.1000	24.9	20.0	24.4*	20.0
Isopropylbenzene	Ave	1.465	1.285	0.1000	17.5	20.0	-12.3	20.0
Bromobenzene	Ave	0.8239	0.7691		18.7	20.0	-6.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5652	0.8204	0.3000	29.0	20.0	45.2*	20.0
N-Propylbenzene	Ave	3.965	3.240		16.3	20.0	-18.3	20.0
1,2,3-Trichloropropane	Ave	0.1606	0.2122		26.4	20.0	32.1*	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1715	0.1466		17.1	20.0	-14.5	20.0
2-Chlorotoluene	Ave	2.786	2.441		17.5	20.0	-12.4	20.0
4-Ethyltoluene	Ave	3.278	2.652		16.2	20.0	-19.1	20.0
1,3,5-Trimethylbenzene	Ave	2.577	2.223		17.3	20.0	-13.7	20.0
4-Chlorotoluene	Ave	2.542	2.251		17.7	20.0	-11.4	20.0
Butyl Methacrylate	Ave	0.9274	0.7460		16.1	20.0	-19.6	20.0
tert-Butylbenzene	Ave	2.116	1.678		15.9	20.0	-20.7*	20.0
1,2,4-Trimethylbenzene	Ave	2.654	2.302		17.4	20.0	-13.2	20.0
sec-Butylbenzene	Ave	0.6153	0.4813		15.6	20.0	-21.8*	20.0
4-Isopropyltoluene	Ave	2.625	2.033		15.5	20.0	-22.5*	20.0
1,3-Dichlorobenzene	Ave	1.513	1.471	0.6000	19.4	20.0	-2.8	20.0
1,4-Dichlorobenzene	Ave	1.559	1.549	0.5000	19.9	20.0	-0.6	20.0
1,2,3-Trimethylbenzene	Ave	2.699	2.501		18.5	20.0	-7.4	20.0
Benzyl chloride	Ave	1.132	1.342		23.7	20.0	18.5	50.0
Indan	Ave	2.460	2.240		18.2	20.0	-9.0	20.0
p-Diethylbenzene	Ave	1.549	1.300		16.8	20.0	-16.1	20.0
n-Butylbenzene	Ave	1.265	1.114		17.6	20.0	-11.9	20.0
1,2-Dichlorobenzene	Ave	1.309	1.371	0.4000	21.0	20.0	4.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.210	1.667		15.1	20.0	-24.6*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0909	0.1269	0.0500	27.9	20.0	39.6	50.0
1,3,5-Trichlorobenzene	Ave	0.8479	0.7698		18.2	20.0	-9.2	20.0
1,2,4-Trichlorobenzene	Qua2		0.6013	0.2000	20.8	20.0	4.1	20.0
Hexachlorobutadiene	Qua2		0.2013		17.3	20.0	-13.6	20.0
Naphthalene	Lin2		1.314		23.4	20.0	16.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: CCVIS 460-1053164/3 Calibration Date: 08/01/2025 07:32

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A30081.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Qua		0.4619		21.3	20.0	6.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2497	0.2448		49.0	50.0	-2.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2488	0.2415		48.5	50.0	-2.9	20.0
Toluene-d8 (Surr)	Ave	1.348	1.229		45.6	50.0	-8.8	20.0
4-Bromofluorobenzene	Ave	0.3797	0.4046		53.3	50.0	6.5	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30081.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Aug-2025 07:32:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0194382-003
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 12:03:20 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: KG2Q Date: 01-Aug-2025 12:03:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.522	1.522	0.000	92	10216	20.0	20.0	
4 Dichlorodifluoromethane	85	1.552	1.552	0.000	98	60728	20.0	17.4	
165 Chlorodifluoromethane	51	1.569	1.569	0.000	95	71386	20.0	24.2	
6 Chloromethane	50	1.746	1.746	0.000	99	83436	20.0	22.5	
7 Vinyl chloride	62	1.805	1.805	0.000	98	71213	20.0	22.0	
172 Butadiene	39	1.828	1.828	0.000	95	57001	20.0	19.4	
9 Bromomethane	94	2.081	2.081	0.000	99	41257	20.0	19.3	
10 Chloroethane	64	2.158	2.158	0.000	99	53817	20.0	24.6	
174 Dichlorofluoromethane	67	2.310	2.310	0.000	99	110531	20.0	18.6	
12 Trichlorofluoromethane	101	2.322	2.322	0.000	99	72423	20.0	17.3	
13 Pentane	72	2.363	2.363	0.000	96	18054	40.0	50.5	
14 Ethanol	46	2.493	2.493	0.000	99	8672	800.0	814.9	
15 Ethyl ether	59	2.540	2.540	0.000	95	44854	20.0	23.9	
16 2-Methyl-1,3-butadiene	53	2.563	2.563	0.000	93	40402	20.0	18.5	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.569	2.569	0.000	94	45096	20.0	21.3	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.616	2.616	0.000	96	77401	20.0	21.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.699	2.699	0.000	96	49768	20.0	22.1	
19 Acrolein	56	2.710	2.710	0.000	38	10314	40.0	33.9	
21 1,1-Dichloroethene	96	2.740	2.740	0.000	98	48274	20.0	20.0	
22 Acetone	58	2.816	2.816	0.000	88	17857	100.0	97.7	
24 Isopropyl alcohol	45	2.881	2.881	0.000	98	21309	200.0	196.6	
23 Iodomethane	142	2.893	2.893	0.000	97	62463	20.0	20.6	
25 Carbon disulfide	76	2.934	2.934	0.000	98	200096	20.0	25.0	
161 3-Chloro-1-propene	76	3.040	3.040	0.000	92	31688	20.0	18.7	
27 Methyl acetate	43	3.046	3.046	0.000	92	55746	40.0	44.8	
166 Cyclopentene	67	3.063	3.063	0.000	93	136988	20.0	20.8	
29 Acetonitrile	41	3.110	3.110	0.000	55	56768	200.0	244.1	
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	144327	1000.0	1000.0	
31 Methylene Chloride	84	3.163	3.163	0.000	89	65295	20.0	23.3	
32 2-Methyl-2-propanol	59	3.193	3.193	0.000	97	33963	200.0	199.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.310	3.310	0.000	98	126898	20.0	21.2	
34 trans-1,2-Dichloroethene	96	3.346	3.346	0.000	91	61247	20.0	22.1	
35 Acrylonitrile	53	3.416	3.416	0.000	95	154625	200.0	294.8	
36 Hexane	43	3.487	3.487	0.000	92	35365	20.0	23.7	
37 Isopropyl ether	45	3.681	3.681	0.000	97	155538	20.0	19.8	
38 1,1-Dichloroethane	63	3.734	3.734	0.000	72	103824	20.0	20.9	
39 Vinyl acetate	86	3.740	3.740	0.000	99	21187	40.0	46.2	
40 2-Chloro-1,3-butadiene	88	3.781	3.781	0.000	89	45395	20.0	18.9	
41 Tert-butyl ethyl ether	59	3.999	3.999	0.000	90	140497	20.0	19.3	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	180868	250.0	250.0	
43 2,2-Dichloropropane	97	4.234	4.234	0.000	91	20057	20.0	20.7	
44 cis-1,2-Dichloroethene	96	4.263	4.263	0.000	96	65553	20.0	21.0	
46 Ethyl acetate	70	4.269	4.269	0.000	95	9089	40.0	36.2	
45 2-Butanone (MEK)	72	4.275	4.275	0.000	97	24579	100.0	95.6	
47 Methyl acrylate	55	4.328	4.328	0.000	99	33208	20.0	23.0	
48 Propionitrile	54	4.416	4.416	0.000	99	56963	200.0	232.7	
50 Chlorobromomethane	128	4.499	4.499	0.000	88	30379	20.0	23.8	
49 Tetrahydrofuran	42	4.504	4.504	0.000	55	29834	40.0	39.9	
51 Methacrylonitrile	67	4.516	4.516	0.000	90	196386	200.0	286.5	
52 Chloroform	83	4.540	4.540	0.000	99	103012	20.0	20.7	
53 Cyclohexane	56	4.687	4.687	0.000	89	78920	20.0	21.9	
54 1,1,1-Trichloroethane	97	4.699	4.699	0.000	97	80493	20.0	19.1	
$ 55 Dibromofluoromethane (Surr)	113	4.704	4.704	0.000	97	123827	50.0	49.0	
56 Carbon tetrachloride	117	4.828	4.828	0.000	97	62646	20.0	18.6	
57 1,1-Dichloropropene	75	4.857	4.857	0.000	98	70331	20.0	19.0	
58 Isobutyl alcohol	43	4.963	4.963	0.000	94	34675	500.0	476.8	
59 Isooctane	57	5.022	5.022	0.000	98	105412	20.0	24.3	
60 Benzene	78	5.069	5.069	0.000	95	257740	20.0	21.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	122161	50.0	48.5	
62 Isopropyl acetate	61	5.104	5.104	0.000	98	20701	20.0	26.1	
63 Tert-amyl methyl ether	87	5.116	5.116	0.000	96	45807	20.0	24.4	
64 1,2-Dichloroethane	62	5.169	5.169	0.000	96	65537	20.0	19.9	
65 n-Heptane	71	5.210	5.210	0.000	88	27021	20.0	23.7	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	505757	50.0	50.0	
67 n-Butanol	56	5.687	5.687	0.000	88	16391	500.0	332.9	
68 Trichloroethene	95	5.757	5.757	0.000	99	56556	20.0	19.3	
69 Ethyl acrylate	99	5.893	5.893	0.000	98	5517	20.0	19.6	
70 Methylcyclohexane	83	5.893	5.893	0.000	87	65983	20.0	21.9	
71 1,2-Dichloropropane	63	6.081	6.081	0.000	92	58857	20.0	20.9	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	19724	1000.0	1000.0	
72 Methyl methacrylate	69	6.151	6.151	0.000	86	60593	40.0	47.2	
74 n-Propyl acetate	43	6.210	6.210	0.000	97	50408	20.0	23.4	
75 1,4-Dioxane	88	6.222	6.222	0.000	31	10078	400.0	471.0	
76 Dibromomethane	93	6.228	6.228	0.000	97	34405	20.0	24.3	
77 Dichlorobromomethane	83	6.387	6.387	0.000	99	72732	20.0	19.6	
79 2-Nitropropane	41	6.769	6.769	0.000	97	18364	40.0	45.9	
80 Epichlorohydrin	57	6.893	6.893	0.000	99	59469	400.0	385.8	
81 cis-1,3-Dichloropropene	75	6.951	6.951	0.000	89	92879	20.0	18.3	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.134	0.000	96	161699	100.0	86.9	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	471271	50.0	45.6	
84 Toluene	91	7.322	7.322	0.000	93	235370	20.0	19.2	
86 trans-1,3-Dichloropropene	75	7.728	7.728	0.000	98	71384	20.0	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.757	7.757	0.000	88	47168	20.0	18.7	
87 1,1,2-Trichloroethane	83	7.992	7.992	0.000	98	44483	20.0	25.0	
88 Tetrachloroethene	166	8.040	8.040	0.000	96	55561	20.0	19.7	
89 1,3-Dichloropropane	76	8.263	8.263	0.000	91	80689	20.0	21.8	
90 2-Hexanone	58	8.345	8.345	0.000	96	55753	100.0	78.2	
91 n-Butyl acetate	73	8.510	8.510	0.000	98	8098	20.0	17.4	
92 Chlorodibromomethane	129	8.569	8.569	0.000	98	56946	20.0	22.0	
93 Ethylene Dibromide	107	8.769	8.769	0.000	98	46531	20.0	21.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	383527	50.0	50.0	
95 Chlorobenzene	112	9.351	9.351	0.000	96	155288	20.0	20.1	
96 Ethylbenzene	106	9.434	9.434	0.000	98	74184	20.0	17.2	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.451	0.000	97	54329	20.0	20.8	
98 m-Xylene & p-Xylene	106	9.569	9.569	0.000	0	89776	20.0	17.3	
99 n-Butyl acrylate	73	9.939	9.939	0.000	97	26326	20.0	15.5	
100 o-Xylene	106	9.951	9.951	0.000	94	89406	20.0	17.7	
101 Styrene	104	9.975	9.975	0.000	97	152272	20.0	18.3	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	92	54349	20.0	15.5	
103 Bromoform	173	10.163	10.163	0.000	95	34653	20.0	24.9	
104 Isopropylbenzene	105	10.257	10.257	0.000	95	197168	20.0	17.5	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	155160	50.0	53.3	
107 Bromobenzene	156	10.528	10.528	0.000	99	62206	20.0	18.7	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	66352	20.0	29.0	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	262070	20.0	16.3	
110 1,2,3-Trichloropropane	110	10.598	10.598	0.000	98	17160	20.0	26.4	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.610	0.000	90	11859	20.0	17.1	
112 2-Chlorotoluene	91	10.663	10.663	0.000	96	197417	20.0	17.5	
169 4-Ethyltoluene	105	10.663	10.663	0.000	89	214513	20.0	16.2	
113 1,3,5-Trimethylbenzene	105	10.710	10.710	0.000	94	179774	20.0	17.3	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	182090	20.0	17.7	
114 Butyl Methacrylate	87	10.775	10.775	0.000	89	60332	20.0	16.1	
116 tert-Butylbenzene	119	10.928	10.928	0.000	95	135750	20.0	15.9	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	97	186208	20.0	17.4	
118 sec-Butylbenzene	134	11.075	11.075	0.000	99	38925	20.0	15.6	
119 4-Isopropyltoluene	119	11.169	11.169	0.000	98	164457	20.0	15.5	
120 1,3-Dichlorobenzene	146	11.180	11.180	0.000	97	118941	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	11.228	11.228	0.000	95	202195	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.245	11.245	0.000	96	125308	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	98	202252	20.0	18.5	
124 Benzyl chloride	91	11.339	11.339	0.000	99	108528	20.0	23.7	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	94	181131	20.0	18.2	
164 p-Diethylbenzene	119	11.416	11.416	0.000	93	105163	20.0	16.8	
127 n-Butylbenzene	92	11.433	11.433	0.000	98	90096	20.0	17.6	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	97	110903	20.0	21.0	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	97	134819	20.0	15.1	
130 1,2-Dibromo-3-Chloropropane	157	12.069	12.069	0.000	96	10266	20.0	27.9	
131 1,3,5-Trichlorobenzene	180	12.175	12.175	0.000	97	62260	20.0	18.2	
132 1,2,4-Trichlorobenzene	180	12.704	12.704	0.000	95	48628	20.0	20.8	
133 Hexachlorobutadiene	225	12.780	12.780	0.000	90	16280	20.0	17.3	
134 Naphthalene	128	12.945	12.945	0.000	100	106268	20.0	23.4	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	97	37361	20.0	21.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.1	
S 137 Xylenes, Total	100				0		40.0	34.9	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00208	Amount Added:	20.00	Units: uL	
524FREONS_00037	Amount Added:	20.00	Units: uL	
ACROLEIN W_00186	Amount Added:	4.00	Units: uL	
GASES Li_00654	Amount Added:	20.00	Units: uL	
8260ISNEW_00213	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00255	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Aug-2025 12:03:21 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30081.D

Injection Date: 01-Aug-2025 07:32:30 Instrument ID: CVOAMS1 Operator ID:

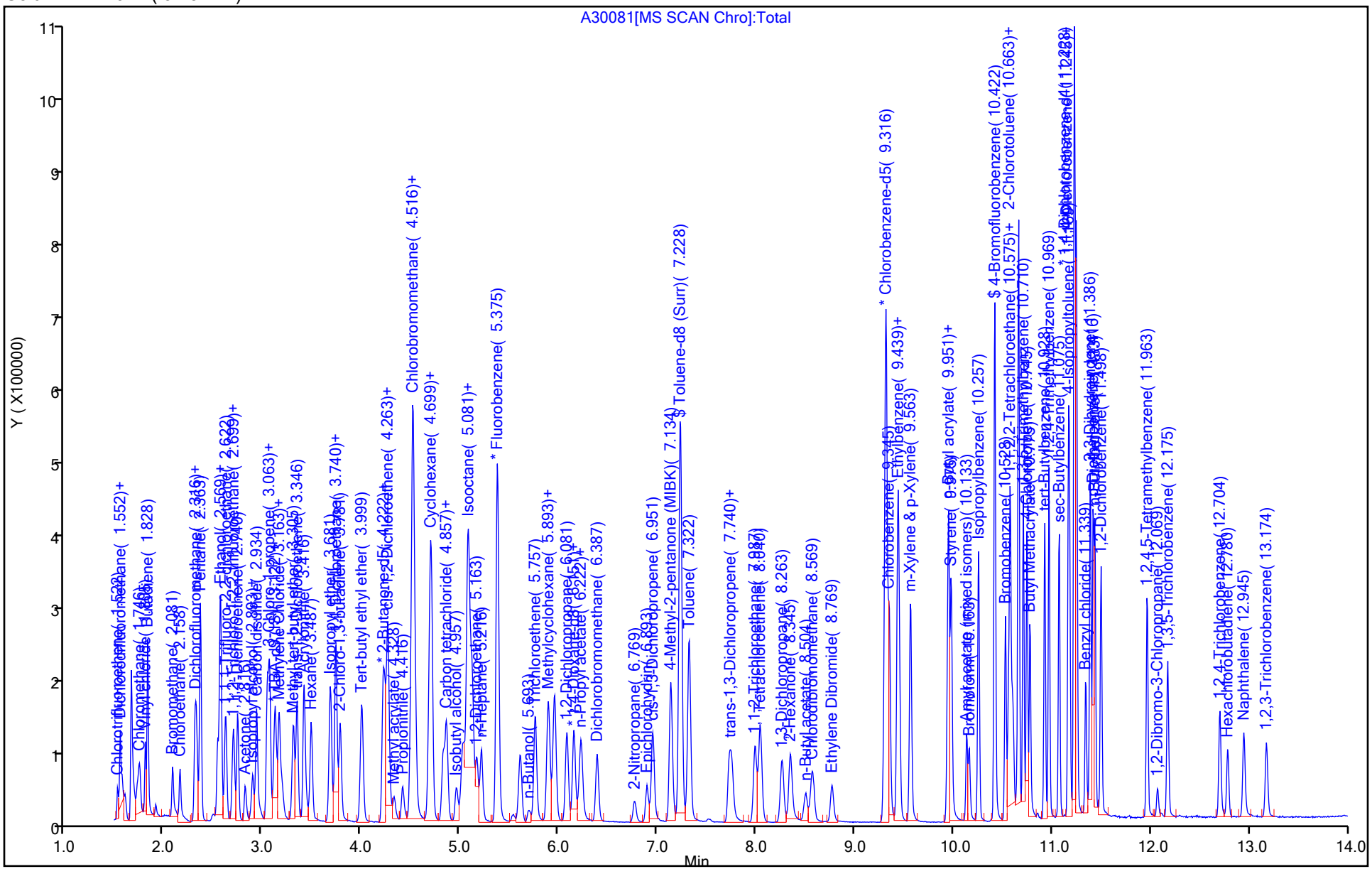
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26555.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	14-May-2025 02:43:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0190761-001				
Operator ID:		Instrument ID:	CVOAMS1		
Method:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	14-May-2025 21:12:01	Calib Date:	14-May-2025 10:45:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1723				
First Level Reviewer: HVW2		Date:	14-May-2025 03:08:48		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

QC Flag Legend

Processing Flags
8 - Failed MS Tune Ratio Test
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

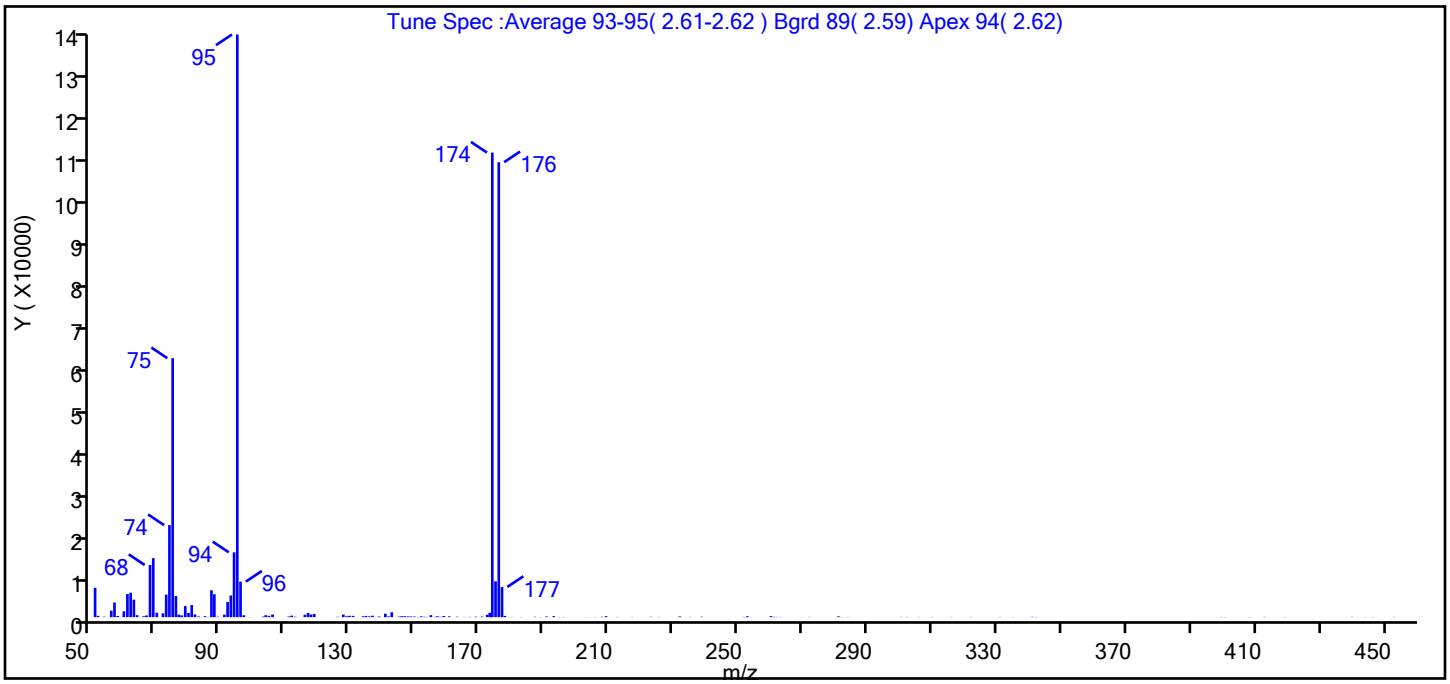
BFB_00039 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26555.D
Injection Date: 14-May-2025 02:43:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (125.4)
96	5 to 9% of m/z 95	6.1
173	<2% of m/z 174	0.8 (0.9)
174	50 to 200% of m/z 95	79.7
175	5 to 9% of m/z 174	6.2 (7.7)
176	95 to 105% of m/z 174	78.1 (97.9)
177	5 to 10% of m/z 176	5.2 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26555.D\8260624W_1.rslt\spectra.d
Injection Date: 14-May-2025 02:43:30
Spectrum: Tune Spec :Average 93-95(2.61-2.62) Bgrd 89(2.59) Apex 94(2.62)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 146

m/z	Y	m/z	Y	m/z	Y	m/z	Y
51.00	6653	93.00	4907	152.00	187	226.00	47
52.00	299	94.00	14701	153.00	86	232.00	159
54.00	106	95.00	132160	154.00	51	235.00	52
56.00	1462	96.00	8056	155.00	449	239.00	89
57.00	3327	97.00	432	156.00	68	252.00	51
58.00	264	99.00	39	157.00	190	252.00	38
59.00	26	103.00	120	158.00	77	253.00	206
60.00	1324	104.00	440	159.00	255	260.00	221
61.00	5239	105.00	300	161.00	183	261.00	77
62.00	5536	106.00	595	163.00	99	262.00	50
63.00	3961	111.00	145	165.00	42	263.00	43
64.00	441	112.00	335	167.00	63	270.00	11
66.00	190	113.00	91	169.00	104	272.00	50
67.00	385	116.00	538	170.00	42	281.00	185
68.00	11823	117.00	965	171.00	114	282.00	49
69.00	13376	118.00	590	172.00	533	284.00	40
70.00	1009	119.00	733	173.00	992	300.00	51
72.00	878	126.00	81	174.00	105368	302.00	41
73.00	5114	128.00	591	175.00	8130	306.00	46
74.00	20872	129.00	199	176.00	103192	310.00	51
75.00	58736	130.00	298	177.00	6848	316.00	46
76.00	4803	131.00	291	178.00	281	322.00	52
77.00	574	134.00	182	180.00	40	331.00	50
78.00	404	135.00	278	183.00	41	335.00	36
79.00	2512	136.00	172	187.00	81	341.00	75
80.00	945	137.00	317	189.00	37	342.00	42
81.00	2748	139.00	142	191.00	154	400.00	42
82.00	616	141.00	784	193.00	232	401.00	35
83.00	153	142.00	168	195.00	40	408.00	37
84.00	17	143.00	1112	196.00	43	413.00	56
85.00	219	145.00	121	203.00	35	419.00	38
86.00	46	146.00	216	206.00	37	440.00	60
87.00	6095	147.00	205	208.00	84	444.00	37

Report Date: 14-May-2025 21:12:02 Chrom Revision: 2.3 18-Apr-2025 15:35:42
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26555.D\8260624W_1.rslt\spectra.d
Injection Date: 14-May-2025 02:43:30
Spectrum: Tune Spec :Average 93-95(2.61-2.62) Bgrd 89(2.59) Apex 94(2.62)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 146

m/z	Y	m/z	Y	m/z	Y	m/z	Y
88.00	5182	148.00	162	209.00	222	446.00	39
89.00	103	149.00	158	213.00	44	453.00	47
91.00	559	150.00	138	217.00	47		
92.00	3435	151.00	49	223.00	80		

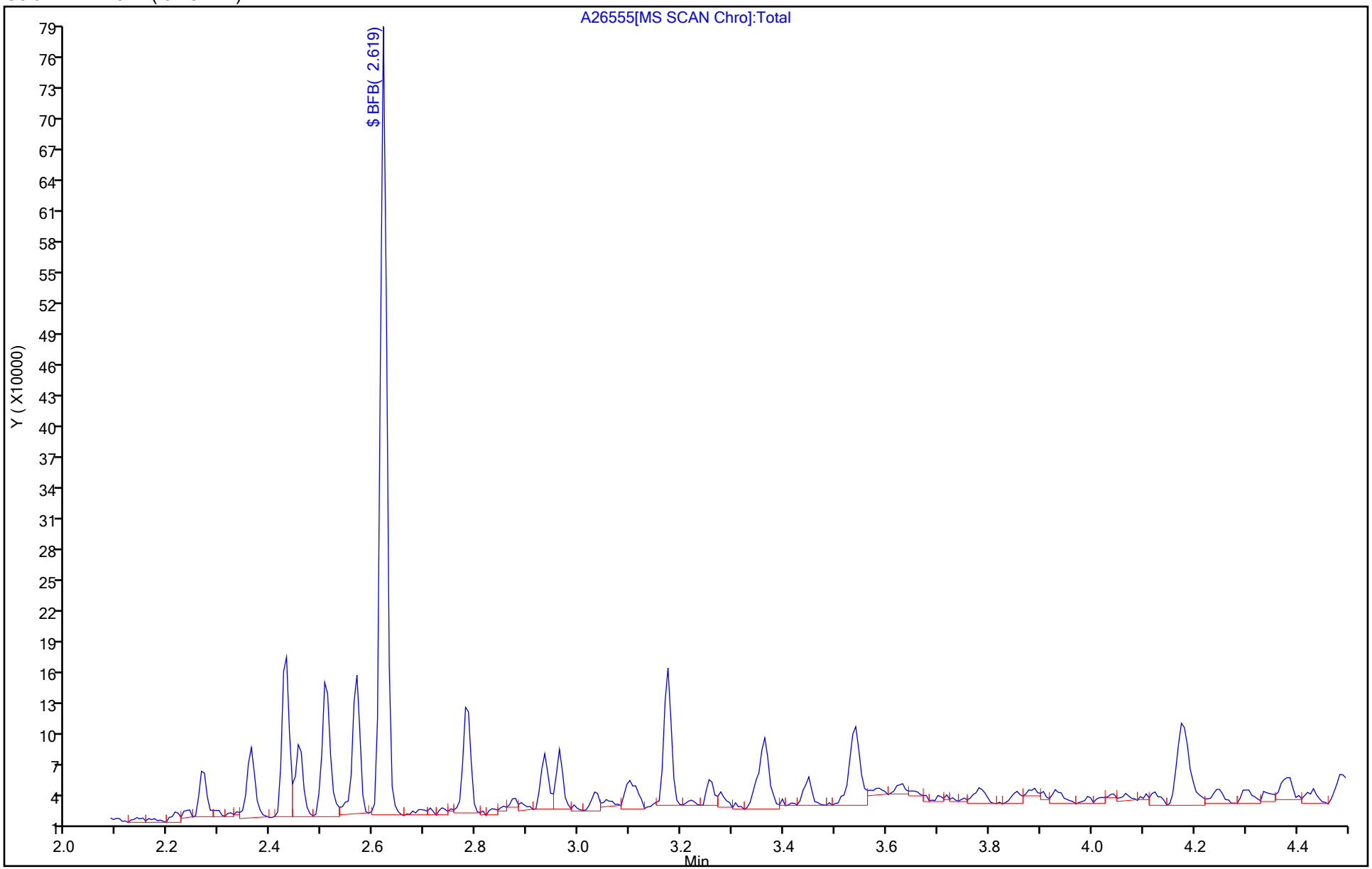
Report Date: 14-May-2025 21:12:02 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26555.D

Injection Date:	14-May-2025 02:43:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1053164/9

Matrix: Water | Lab File ID: A30087.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 09:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30087.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 01-Aug-2025 09:59:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0194382-009
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 10:18:39 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: KG2Q Date: 01-Aug-2025 10:18:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	120044	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	155064	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	122997	50.0	50.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	110322	50.0	45.9	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	483541	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.157	6.151	0.006	0	17412	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	99	429803	50.0	47.1	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	338651	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	133818	50.0	52.0	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	95	172946	50.0	50.0	

Reagents:

8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 01-Aug-2025 10:18:40 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30087.D

Injection Date: 01-Aug-2025 09:59:30 Instrument ID: CVOAMS1 Operator ID:

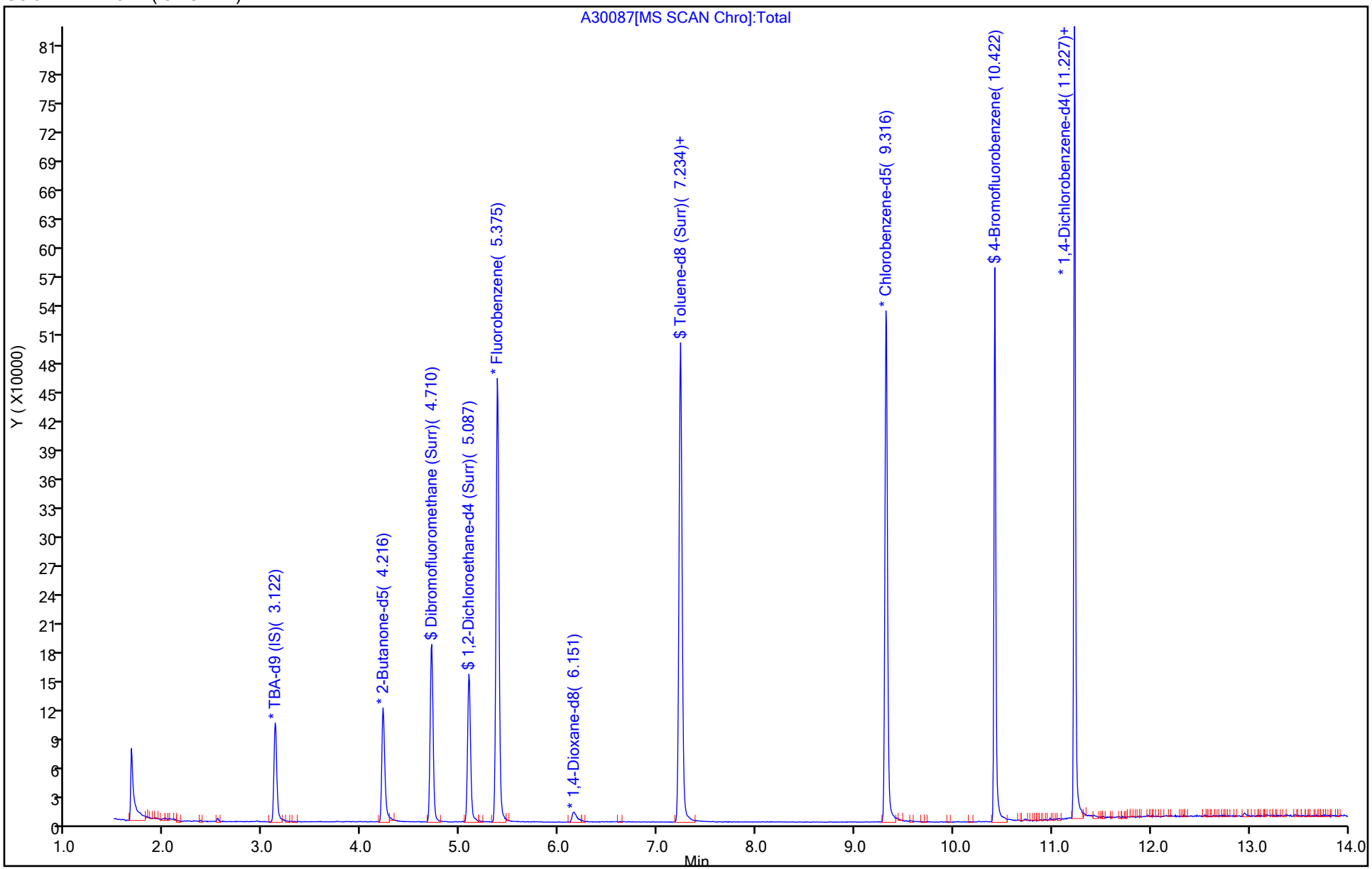
Lims ID: MB Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30087.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 01-Aug-2025 09:59:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0194382-009
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 10:18:39 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: KG2Q Date: 01-Aug-2025 10:18:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.9	101.86
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	45.9	91.72
$ 83 Toluene-d8 (Surr)	50.0	47.1	94.17
$ 105 4-Bromofluorobenzene	50.0	52.0	104.06

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1053164/5

Matrix: Water | Lab File ID: A30083.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 08:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	18.7		0.45	0.070
100-41-4	Ethylbenzene	17.3		1.0	0.30
108-88-3	Toluene	18.4		1.0	0.38
1330-20-7	Xylenes, Total	34.0		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-128
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	91		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30083.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 01-Aug-2025 08:21:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0194382-005
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 17:19:02 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: KG2Q Date: 01-Aug-2025 08:47:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.522	1.522	0.000	90	13126	20.0	23.4	
4 Dichlorodifluoromethane	85	1.552	1.552	0.000	99	68383	20.0	17.9	
165 Chlorodifluoromethane	51	1.569	1.569	0.000	93	69392	20.0	21.4	
6 Chloromethane	50	1.746	1.746	0.000	98	87639	20.0	21.5	
7 Vinyl chloride	62	1.805	1.805	0.000	98	74305	20.0	20.9	
172 Butadiene	39	1.828	1.828	0.000	95	61342	20.0	19.0	
9 Bromomethane	94	2.081	2.081	0.000	99	41591	20.0	17.7	
10 Chloroethane	64	2.157	2.158	-0.001	99	52112	20.0	21.7	
174 Dichlorofluoromethane	67	2.310	2.310	0.000	99	116464	20.0	17.9	
12 Trichlorofluoromethane	101	2.328	2.322	0.006	99	77255	20.0	16.8	
13 Pentane	72	2.363	2.363	0.000	96	18013	40.0	46.8	
14 Ethanol	46	2.499	2.493	0.006	99	8954	800.0	778.7	
15 Ethyl ether	59	2.540	2.540	0.000	95	42429	20.0	20.5	
16 2-Methyl-1,3-butadiene	53	2.563	2.563	0.000	91	42396	20.0	17.7	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.569	2.569	0.000	87	45373	20.0	19.5	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.616	2.616	0.000	97	78735	20.0	19.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.693	2.699	-0.006	95	49137	20.0	19.8	
19 Acrolein	56	2.710	2.710	0.000	94	11268	40.0	34.4	
21 1,1-Dichloroethene	96	2.740	2.740	0.000	96	49703	20.0	18.8	
22 Acetone	58	2.816	2.816	0.000	88	19468	100.0	103.1	
24 Isopropyl alcohol	45	2.881	2.881	0.000	100	21897	200.0	187.5	
23 Iodomethane	142	2.899	2.893	0.006	97	65409	20.0	19.7	
25 Carbon disulfide	76	2.934	2.934	0.000	98	198223	20.0	22.6	
161 3-Chloro-1-propene	76	3.040	3.040	0.000	93	32860	20.0	17.7	
27 Methyl acetate	43	3.046	3.046	0.000	96	55424	40.0	41.4	
166 Cyclopentene	67	3.063	3.063	0.000	92	135287	20.0	18.7	
29 Acetonitrile	41	3.110	3.110	0.000	99	54770	200.0	218.5	
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	155523	1000.0	1000.0	
31 Methylene Chloride	84	3.163	3.163	0.000	89	63614	20.0	20.7	
32 2-Methyl-2-propanol	59	3.193	3.193	0.000	98	34822	200.0	189.4	
33 Methyl tert-butyl ether	73	3.310	3.310	0.000	97	128404	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.346	3.346	0.000	92	59027	20.0	19.4	
35 Acrylonitrile	53	3.416	3.416	0.000	95	155233	200.0	269.5	
36 Hexane	43	3.487	3.487	0.000	92	35395	20.0	21.6	
37 Isopropyl ether	45	3.681	3.681	0.000	97	154165	20.0	17.9	
38 1,1-Dichloroethane	63	3.734	3.734	0.000	77	100142	20.0	18.3	
39 Vinyl acetate	86	3.740	3.740	0.000	99	17716	40.0	35.9	
40 2-Chloro-1,3-butadiene	88	3.781	3.781	0.000	89	45643	20.0	17.3	
41 Tert-butyl ethyl ether	59	3.999	3.999	0.000	90	141453	20.0	17.7	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	186864	250.0	250.0	
43 2,2-Dichloropropane	97	4.240	4.234	0.006	95	19607	20.0	18.4	
44 cis-1,2-Dichloroethene	96	4.263	4.263	0.000	98	62818	20.0	18.3	
46 Ethyl acetate	70	4.263	4.269	-0.006	95	9073	40.0	35.0	
45 2-Butanone (MEK)	72	4.269	4.275	-0.006	97	24216	100.0	91.2	
47 Methyl acrylate	55	4.328	4.328	0.000	100	34530	20.0	21.8	
48 Propionitrile	54	4.416	4.416	0.000	99	55893	200.0	211.9	
50 Chlorobromomethane	128	4.499	4.499	-0.001	89	30876	20.0	22.1	
49 Tetrahydrofuran	42	4.510	4.504	0.006	56	31105	40.0	40.2	
51 Methacrylonitrile	67	4.522	4.516	0.006	90	193845	200.0	257.5	
52 Chloroform	83	4.540	4.540	0.000	99	100232	20.0	18.3	
53 Cyclohexane	56	4.687	4.687	0.000	89	77824	20.0	19.6	
54 1,1,1-Trichloroethane	97	4.704	4.699	0.005	97	77734	20.0	16.8	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	124240	50.0	44.8	
56 Carbon tetrachloride	117	4.828	4.828	0.000	97	60215	20.0	16.2	
57 1,1-Dichloropropene	75	4.857	4.857	0.000	98	70332	20.0	17.3	
58 Isobutyl alcohol	43	4.963	4.963	0.000	96	32611	500.0	416.1	
59 Isooctane	57	5.022	5.022	0.000	98	94762	20.0	19.9	
60 Benzene	78	5.075	5.069	0.006	95	232075	20.0	18.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	116275	50.0	42.1	
62 Isopropyl acetate	61	5.104	5.104	0.000	98	19613	20.0	22.1	
63 Tert-amyl methyl ether	87	5.122	5.116	0.006	95	43035	20.0	20.9	
64 1,2-Dichloroethane	62	5.169	5.169	0.000	96	65668	20.0	18.2	
65 n-Heptane	71	5.216	5.210	0.006	88	27994	20.0	22.4	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	555532	50.0	50.0	
67 n-Butanol	56	5.693	5.687	0.006	90	17248	500.0	325.1	
68 Trichloroethene	95	5.763	5.757	0.006	97	60250	20.0	18.7	
69 Ethyl acrylate	99	5.887	5.893	-0.006	96	6523	20.0	21.1	
70 Methylcyclohexane	83	5.893	5.893	0.000	87	69976	20.0	21.1	
71 1,2-Dichloropropane	63	6.081	6.081	0.000	93	58431	20.0	18.9	
* 73 1,4-Dioxane-d8	96	6.157	6.151	0.006	0	20940	1000.0	1000.0	
72 Methyl methacrylate	69	6.157	6.151	0.006	86	57980	40.0	41.1	
74 n-Propyl acetate	43	6.216	6.210	0.006	98	53653	20.0	22.7	
75 1,4-Dioxane	88	6.216	6.222	-0.006	30	10735	400.0	472.6	
76 Dibromomethane	93	6.228	6.228	0.000	98	34030	20.0	21.8	
77 Dichlorobromomethane	83	6.387	6.387	0.000	99	71883	20.0	17.6	
79 2-Nitropropane	41	6.769	6.769	0.000	95	17451	40.0	39.5	
80 Epichlorohydrin	57	6.892	6.893	-0.001	98	55490	400.0	348.4	
81 cis-1,3-Dichloropropene	75	6.951	6.951	0.000	90	85534	20.0	16.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.134	0.000	96	169420	100.0	88.1	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	100	477548	50.0	45.3	
84 Toluene	91	7.322	7.322	0.000	93	229752	20.0	18.4	
86 trans-1,3-Dichloropropene	75	7.728	7.728	0.000	98	69247	20.0	16.6	
85 Ethyl methacrylate	69	7.757	7.757	0.000	88	46836	20.0	16.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	7.987	7.992	-0.006	97	43985	20.0	24.2	
88 Tetrachloroethene	166	8.039	8.040	-0.001	97	54807	20.0	19.0	
89 1,3-Dichloropropane	76	8.263	8.263	0.000	92	79337	20.0	21.0	
90 2-Hexanone	58	8.345	8.345	0.000	96	55321	100.0	75.1	
91 n-Butyl acetate	73	8.498	8.510	-0.012	98	8958	20.0	18.8	
92 Chlorodibromomethane	129	8.569	8.569	0.000	98	55322	20.0	20.9	
93 Ethylene Dibromide	107	8.769	8.769	0.000	97	46808	20.0	21.7	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	84	390863	50.0	50.0	
95 Chlorobenzene	112	9.351	9.351	0.000	96	154690	20.0	19.6	
96 Ethylbenzene	106	9.433	9.434	-0.001	98	76002	20.0	17.3	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.451	0.000	96	54758	20.0	20.6	
98 m-Xylene & p-Xylene	106	9.569	9.569	0.000	0	88886	20.0	16.8	
99 n-Butyl acrylate	73	9.939	9.939	0.000	98	27335	20.0	15.8	
100 o-Xylene	106	9.951	9.951	0.000	94	88605	20.0	17.2	
101 Styrene	104	9.981	9.975	0.005	97	152907	20.0	18.0	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	92	58687	20.0	16.5	
103 Bromoform	173	10.163	10.163	0.000	97	33933	20.0	23.9	
104 Isopropylbenzene	105	10.257	10.257	0.000	95	194826	20.0	17.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	160586	50.0	54.1	
107 Bromobenzene	156	10.528	10.528	0.000	98	61278	20.0	18.1	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	64008	20.0	27.6	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	259116	20.0	15.9	
110 1,2,3-Trichloropropane	110	10.598	10.598	0.000	96	17137	20.0	26.0	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.610	0.000	91	11730	20.0	16.6	
112 2-Chlorotoluene	91	10.663	10.663	0.000	96	193426	20.0	16.9	
169 4-Ethyltoluene	105	10.663	10.663	0.000	89	215640	20.0	16.0	
113 1,3,5-Trimethylbenzene	105	10.710	10.710	0.000	94	178246	20.0	16.8	
115 4-Chlorotoluene	91	10.745	10.745	0.000	97	179720	20.0	17.2	
114 Butyl Methacrylate	87	10.775	10.775	0.000	88	60373	20.0	15.8	
116 tert-Butylbenzene	119	10.927	10.928	-0.001	95	138449	20.0	15.9	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	97	184418	20.0	16.9	
118 sec-Butylbenzene	134	11.075	11.075	0.000	99	38340	20.0	15.2	
119 4-Isopropyltoluene	119	11.169	11.169	0.000	98	168451	20.0	15.6	
120 1,3-Dichlorobenzene	146	11.180	11.180	0.000	96	117199	20.0	18.9	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	95	205467	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.245	11.245	0.000	96	123346	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	98	203038	20.0	18.3	
124 Benzyl chloride	91	11.345	11.339	0.006	99	100259	20.0	21.5	
162 2,3-Dihydroindene	117	11.392	11.386	0.006	94	179502	20.0	17.8	
164 p-Diethylbenzene	119	11.416	11.416	0.000	92	106553	20.0	16.7	
127 n-Butylbenzene	92	11.439	11.433	0.006	97	87901	20.0	16.9	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	97	109253	20.0	20.3	
163 1,2,4,5-Tetramethylbenzene	119	11.969	11.963	0.006	97	135548	20.0	14.9	
130 1,2-Dibromo-3-Chloropropane	157	12.074	12.069	0.005	94	10829	20.0	29.0	
131 1,3,5-Trichlorobenzene	180	12.174	12.175	-0.001	97	60978	20.0	17.5	
132 1,2,4-Trichlorobenzene	180	12.704	12.704	0.000	94	48576	20.0	20.5	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	91	16728	20.0	17.5	
134 Naphthalene	128	12.945	12.945	0.000	100	113612	20.0	24.6	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	95	37248	20.0	20.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.7	
S 137 Xylenes, Total	100				0		40.0	34.0	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00208	Amount Added:	20.00	Units: uL	
524FREONS_00037	Amount Added:	20.00	Units: uL	
ACROLEIN W_00186	Amount Added:	4.00	Units: uL	
GASES Li_00654	Amount Added:	20.00	Units: uL	
8260ISNEW_00213	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00255	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Aug-2025 19:41:38 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30083.D

Injection Date: 01-Aug-2025 08:21:30 Instrument ID: CVOAMS1 Operator ID:

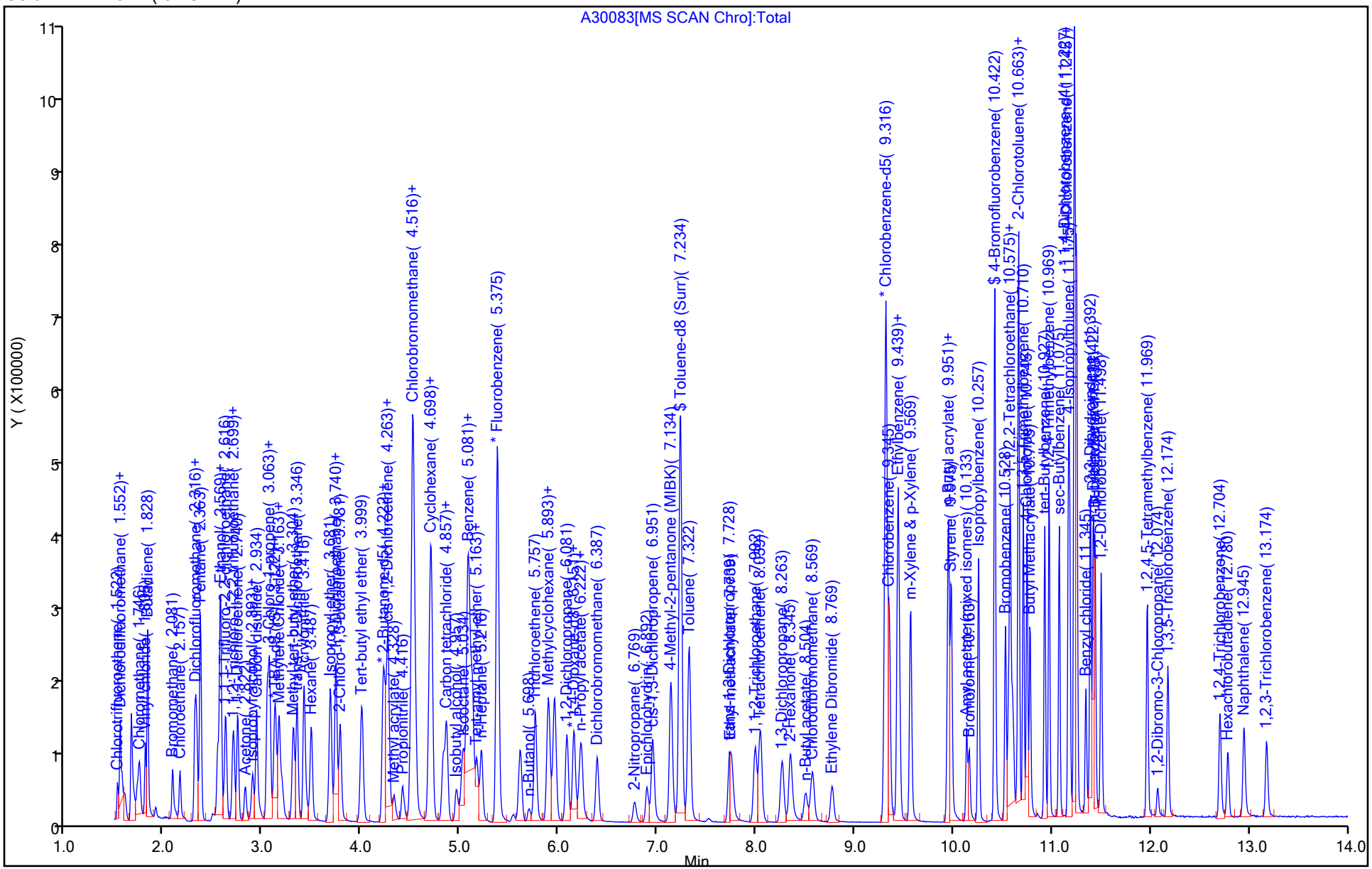
Lims ID: LCS Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30083.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 01-Aug-2025 08:21:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0194382-005
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 17:19:02 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: KG2Q Date: 01-Aug-2025 08:47:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	44.8	89.56
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.1	84.14
$ 83 Toluene-d8 (Surr)	50.0	45.3	90.66
$ 105 4-Bromofluorobenzene	50.0	54.1	108.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-12S MS | Lab Sample ID: 460-331678-6 MS

Matrix: Water | Lab File ID: A30108.D

Analysis Method: 8260D | Date Collected: 07/28/2025 12:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 18:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	19.6		0.45	0.070
100-41-4	Ethylbenzene	16.8		1.0	0.30
108-88-3	Toluene	18.6		1.0	0.38
1330-20-7	Xylenes, Total	33.4		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-128
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-132
2037-26-5	Toluene-d8 (Surr)	89		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30108.D
Lims ID: 460-331678-A-6 MS
Client ID: MW-12S
Sample Type: MS
Inject. Date: 01-Aug-2025 18:33:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-6 MS
Misc. Info.: 460-0194382-030
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 17:19:02 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.522	1.522	0.000	90	10066	20.0	19.9	
4 Dichlorodifluoromethane	85	1.552	1.552	0.000	99	57834	20.0	16.7	
165 Chlorodifluoromethane	51	1.569	1.569	0.000	94	54389	20.0	18.6	
6 Chloromethane	50	1.746	1.746	0.000	99	79095	20.0	21.5	
7 Vinyl chloride	62	1.805	1.805	0.000	97	66193	20.0	20.6	
172 Butadiene	39	1.828	1.828	0.000	93	48436	20.0	16.6	
9 Bromomethane	94	2.081	2.081	0.000	99	31457	20.0	14.9	
10 Chloroethane	64	2.157	2.158	-0.001	98	45001	20.0	20.8	
174 Dichlorofluoromethane	67	2.310	2.310	0.000	99	118678	20.0	20.2	
12 Trichlorofluoromethane	101	2.322	2.322	0.000	98	81043	20.0	19.5	
13 Pentane	72	2.363	2.363	0.000	95	17238	40.0	43.6	
14 Ethanol	46	2.493	2.493	0.000	97	8806	800.0	742.5	
15 Ethyl ether	59	2.540	2.540	0.000	96	44789	20.0	24.1	
16 2-Methyl-1,3-butadiene	53	2.563	2.563	0.000	92	40595	20.0	18.8	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.569	2.569	0.000	93	50843	20.0	24.2	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.622	2.616	0.006	97	85242	20.0	23.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.699	2.699	0.000	98	52321	20.0	23.4	
19 Acrolein	56	2.710	2.710	0.000	93	11102	40.0	32.9	
21 1,1-Dichloroethene	96	2.740	2.740	0.000	95	52535	20.0	22.0	
22 Acetone	58	2.822	2.816	0.006	89	18832	100.0	99.5	
24 Isopropyl alcohol	45	2.881	2.881	0.000	99	22622	200.0	188.3	
23 Iodomethane	142	2.899	2.893	0.006	97	58008	20.0	19.3	
25 Carbon disulfide	76	2.934	2.934	0.000	98	209485	20.0	26.4	
161 3-Chloro-1-propene	76	3.040	3.040	0.000	95	30609	20.0	18.3	
27 Methyl acetate	43	3.040	3.046	-0.006	98	55290	40.0	40.1	
166 Cyclopentene	67	3.063	3.063	0.000	94	133491	20.0	20.4	
29 Acetonitrile	41	3.110	3.110	0.000	100	57431	200.0	222.8	
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	159952	1000.0	1000.0	
31 Methylene Chloride	84	3.163	3.163	0.000	86	70302	20.0	25.3	
32 2-Methyl-2-propanol	59	3.193	3.193	0.000	98	33269	200.0	176.0	
33 Methyl tert-butyl ether	73	3.304	3.310	-0.006	98	130531	20.0	22.0	
34 trans-1,2-Dichloroethene	96	3.346	3.346	0.000	91	62739	20.0	22.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	3.416	3.416	0.000	96	166918	200.0	321.0	
36 Hexane	43	3.487	3.487	0.000	93	31143	20.0	21.1	
37 Isopropyl ether	45	3.681	3.681	0.000	96	152349	20.0	19.6	
38 1,1-Dichloroethane	63	3.740	3.734	0.006	78	104767	20.0	21.3	
39 Vinyl acetate	86	3.740	3.740	0.000	99	18588	40.0	36.6	
40 2-Chloro-1,3-butadiene	88	3.781	3.781	0.000	89	47325	20.0	19.9	
41 Tert-butyl ethyl ether	59	3.999	3.999	0.000	90	139502	20.0	19.3	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	187319	250.0	250.0	
43 2,2-Dichloropropane	97	4.234	4.234	0.000	90	16843	20.0	17.5	
44 cis-1,2-Dichloroethene	96	4.263	4.263	0.000	98	63750	20.0	20.6	
46 Ethyl acetate	70	4.263	4.269	-0.006	93	8870	40.0	34.1	
45 2-Butanone (MEK)	72	4.275	4.275	0.000	97	24499	100.0	92.0	
47 Methyl acrylate	55	4.328	4.328	0.000	100	32933	20.0	23.0	
48 Propionitrile	54	4.416	4.416	0.000	99	54749	200.0	201.8	
50 Chlorobromomethane	128	4.499	4.499	-0.001	87	30194	20.0	23.9	
49 Tetrahydrofuran	42	4.504	4.504	0.000	56	29599	40.0	38.1	
51 Methacrylonitrile	67	4.522	4.516	0.006	90	189947	200.0	279.5	
52 Chloroform	83	4.540	4.540	0.000	99	97834	20.0	19.8	
53 Cyclohexane	56	4.687	4.687	0.000	91	71320	20.0	19.9	
54 1,1,1-Trichloroethane	97	4.699	4.699	-0.001	96	77089	20.0	18.5	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	114510	50.0	45.7	
56 Carbon tetrachloride	117	4.822	4.828	-0.006	98	58953	20.0	17.6	
57 1,1-Dichloropropene	75	4.863	4.857	0.006	97	65887	20.0	18.0	
58 Isobutyl alcohol	43	4.957	4.963	-0.006	96	28711	500.0	356.2	
59 Isooctane	57	5.028	5.022	0.006	99	75452	20.0	17.6	
60 Benzene	78	5.075	5.069	0.006	95	228080	20.0	19.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	107687	50.0	43.2	
62 Isopropyl acetate	61	5.104	5.104	0.000	97	17978	20.0	22.5	
63 Tert-amyl methyl ether	87	5.122	5.116	0.006	94	40276	20.0	21.6	
64 1,2-Dichloroethane	62	5.169	5.169	0.000	96	62811	20.0	19.3	
65 n-Heptane	71	5.216	5.210	0.006	88	20256	20.0	17.9	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	501498	50.0	50.0	
67 n-Butanol	56	5.693	5.687	0.006	87	12031	500.0	220.5	
68 Trichloroethene	95	5.757	5.757	0.000	99	51803	20.0	17.9	
69 Ethyl acrylate	99	5.887	5.893	-0.006	94	5173	20.0	18.6	
70 Methylcyclohexane	83	5.898	5.893	0.005	87	56509	20.0	18.9	
71 1,2-Dichloropropane	63	6.081	6.081	0.000	91	55217	20.0	19.7	
* 73 1,4-Dioxane-d8	96	6.145	6.151	-0.006	0	19198	1000.0	1000.0	
72 Methyl methacrylate	69	6.151	6.151	0.000	86	54762	40.0	43.0	
74 n-Propyl acetate	43	6.210	6.210	0.000	97	44715	20.0	20.9	
75 1,4-Dioxane	88	6.216	6.222	-0.006	31	6685	400.0	321.0	
76 Dibromomethane	93	6.228	6.228	0.000	98	32568	20.0	23.2	
77 Dichlorobromomethane	83	6.387	6.387	0.000	98	75005	20.0	20.4	
79 2-Nitropropane	41	6.769	6.769	0.000	99	17740	40.0	44.7	
80 Epichlorohydrin	57	6.898	6.893	0.005	97	22757	400.0	142.5	
81 cis-1,3-Dichloropropene	75	6.957	6.951	0.006	91	72690	20.0	15.0	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.134	0.000	96	157071	100.0	81.5	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	100	437030	50.0	44.4	
84 Toluene	91	7.322	7.322	0.000	93	217688	20.0	18.6	
86 trans-1,3-Dichloropropene	75	7.728	7.728	0.000	98	62498	20.0	16.0	
85 Ethyl methacrylate	69	7.757	7.757	0.000	84	42512	20.0	17.0	
87 1,1,2-Trichloroethane	83	7.992	7.992	0.000	97	42475	20.0	25.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 Tetrachloroethene	166	8.039	8.040	-0.001	96	50849	20.0	18.9	
89 1,3-Dichloropropane	76	8.263	8.263	0.000	92	75419	20.0	21.4	
90 2-Hexanone	58	8.351	8.345	0.006	96	49553	100.0	67.2	
91 n-Butyl acetate	73	8.504	8.510	-0.006	98	6719	20.0	15.1	
92 Chlorodibromomethane	129	8.569	8.569	0.000	98	54987	20.0	22.3	
93 Ethylene Dibromide	107	8.769	8.769	0.000	96	45464	20.0	22.5	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	365295	50.0	50.0	
95 Chlorobenzene	112	9.351	9.351	0.000	96	147607	20.0	20.0	
96 Ethylbenzene	106	9.439	9.434	0.005	98	69029	20.0	16.8	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.451	0.000	96	53689	20.0	21.6	
98 m-Xylene & p-Xylene	106	9.563	9.569	-0.006	0	80045	20.0	16.2	
99 n-Butyl acrylate	73	9.939	9.939	0.000	96	20380	20.0	12.6	
100 o-Xylene	106	9.951	9.951	0.000	95	82967	20.0	17.2	
101 Styrene	104	9.981	9.975	0.005	96	143214	20.0	18.0	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	92	45080	20.0	13.4	
103 Bromoform	173	10.163	10.163	0.000	96	33522	20.0	25.3	
104 Isopropylbenzene	105	10.257	10.257	0.000	96	282341	20.0	26.4	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	149891	50.0	54.0	
107 Bromobenzene	156	10.528	10.528	0.000	97	58610	20.0	18.3	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	62828	20.0	28.5	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	237322	20.0	15.4	
110 1,2,3-Trichloropropane	110	10.598	10.598	0.000	98	16798	20.0	26.8	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.610	0.000	89	11159	20.0	16.7	
112 2-Chlorotoluene	91	10.663	10.663	0.000	96	180120	20.0	16.6	
169 4-Ethyltoluene	105	10.663	10.663	0.000	89	191615	20.0	15.0	
113 1,3,5-Trimethylbenzene	105	10.710	10.710	0.000	93	162793	20.0	16.2	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	165393	20.0	16.7	
114 Butyl Methacrylate	87	10.780	10.775	0.005	89	54485	20.0	15.1	
116 tert-Butylbenzene	119	10.928	10.928	0.000	95	130503	20.0	15.8	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	97	185464	20.0	17.9	
118 sec-Butylbenzene	134	11.075	11.075	0.000	99	33784	20.0	14.1	
119 4-Isopropyltoluene	119	11.169	11.169	0.000	98	144778	20.0	14.2	
120 1,3-Dichlorobenzene	146	11.180	11.180	0.000	97	110525	20.0	18.8	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	95	194739	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.245	11.245	0.000	96	116335	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	98	186690	20.0	17.8	
124 Benzyl chloride	91	11.345	11.339	0.006	99	68144	20.0	15.5	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	94	172962	20.0	18.1	
164 p-Diethylbenzene	119	11.416	11.416	0.000	94	92752	20.0	15.4	
127 n-Butylbenzene	92	11.433	11.433	0.000	97	78362	20.0	15.9	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	97	106107	20.0	20.8	
163 1,2,4,5-Tetramethylbenzene	119	11.969	11.963	0.006	97	112544	20.0	13.1	
130 1,2-Dibromo-3-Chloropropane	157	12.069	12.069	0.000	96	9322	20.0	26.3	
131 1,3,5-Trichlorobenzene	180	12.174	12.175	-0.001	97	53231	20.0	16.1	
132 1,2,4-Trichlorobenzene	180	12.704	12.704	0.000	94	40047	20.0	17.7	
133 Hexachlorobutadiene	225	12.780	12.780	0.000	92	13237	20.0	14.4	
134 Naphthalene	128	12.945	12.945	0.000	100	81756	20.0	18.5	
135 1,2,3-Trichlorobenzene	180	13.180	13.174	0.006	96	30462	20.0	18.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.4	
S 137 Xylenes, Total	100				0		40.0	33.4	

Reagents:

GASES Li_00654	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00208	Amount Added:	20.00	Units: uL	
524FREONS_00037	Amount Added:	20.00	Units: uL	
ACROLEIN W_00186	Amount Added:	4.00	Units: uL	
8260ISNEW_00213	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00255	Amount Added:	1.00	Units: uL	Run Reagent

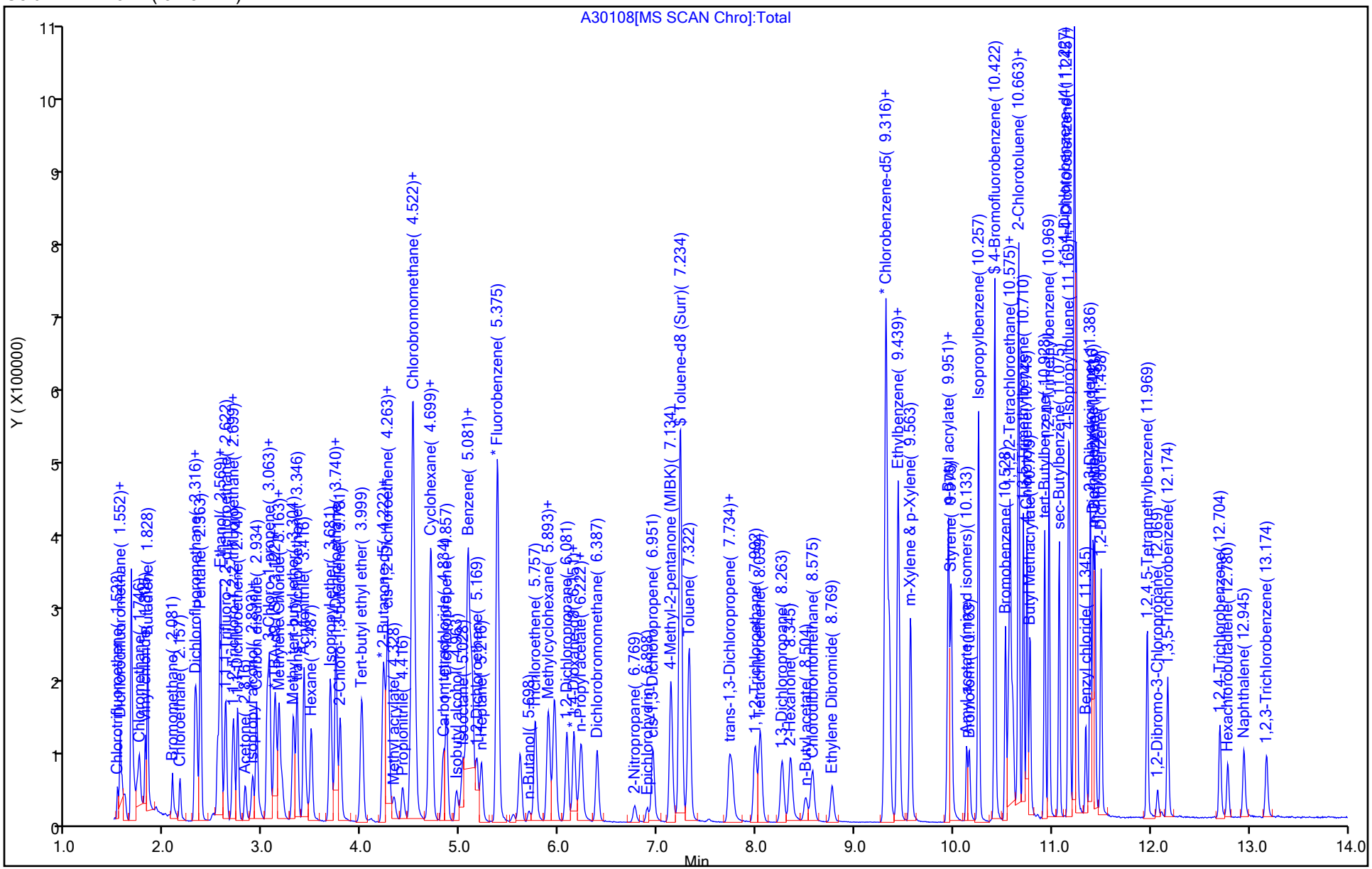
Report Date: 01-Aug-2025 19:34:47 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30108.D

Injection Date:	01-Aug-2025 18:33:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331678-A-6 MS			Worklist Smp#:	30
Client ID:	MW-12S				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30108.D
Lims ID: 460-331678-A-6 MS
Client ID: MW-12S
Sample Type: MS
Inject. Date: 01-Aug-2025 18:33:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-6 MS
Misc. Info.: 460-0194382-030
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 17:19:02 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	45.7	91.44
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	43.2	86.32
$ 83 Toluene-d8 (Surr)	50.0	44.4	88.77
$ 105 4-Bromofluorobenzene	50.0	54.0	108.06

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-12S MSD | Lab Sample ID: 460-331678-6 MSD

Matrix: Water | Lab File ID: A30109.D

Analysis Method: 8260D | Date Collected: 07/28/2025 12:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 18:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	15.0		0.45	0.070
100-41-4	Ethylbenzene	16.5		1.0	0.30
108-88-3	Toluene	15.8		1.0	0.38
1330-20-7	Xylenes, Total	32.0		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	76		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-132
2037-26-5	Toluene-d8 (Surr)	70	*	80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30109.D
Lims ID: 460-331678-A-6 MSD
Client ID: MW-12S
Sample Type: MSD
Inject. Date: 01-Aug-2025 18:57:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-6 MSD
Misc. Info.: 460-0194382-031
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 17:19:02 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.522	1.522	0.000	93	9671	20.0	19.9	
4 Dichlorodifluoromethane	85	1.551	1.552	-0.001	99	59176	20.0	17.8	
165 Chlorodifluoromethane	51	1.569	1.569	0.000	93	63669	20.0	22.6	
6 Chloromethane	50	1.746	1.746	0.000	99	83887	20.0	23.7	
7 Vinyl chloride	62	1.804	1.805	-0.001	98	70111	20.0	22.7	
172 Butadiene	39	1.828	1.828	0.000	95	57319	20.0	20.4	
9 Bromomethane	94	2.081	2.081	0.000	99	34921	20.0	17.1	
10 Chloroethane	64	2.157	2.158	-0.001	98	37497	20.0	18.0	
174 Dichlorofluoromethane	67	2.310	2.310	0.000	99	123695	20.0	21.9	
12 Trichlorofluoromethane	101	2.322	2.322	0.000	98	83248	20.0	20.8	
13 Pentane	72	2.363	2.363	0.000	96	18850	40.0	51.1	
14 Ethanol	46	2.493	2.493	0.000	99	10360	800.0	952.1	
15 Ethyl ether	59	2.540	2.540	0.000	94	45884	20.0	25.7	
16 2-Methyl-1,3-butadiene	53	2.563	2.563	0.000	94	42228	20.0	20.3	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.569	2.569	0.000	93	49853	20.0	24.7	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.622	2.616	0.006	96	88436	20.0	25.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.698	2.699	-0.001	97	52974	20.0	24.6	
19 Acrolein	56	2.710	2.710	0.000	94	11803	40.0	37.9	
21 1,1-Dichloroethene	96	2.740	2.740	0.000	96	52428	20.0	22.8	
22 Acetone	58	2.816	2.816	0.000	88	19595	100.0	109.1	
24 Isopropyl alcohol	45	2.881	2.881	0.000	99	23561	200.0	210.9	
23 Iodomethane	142	2.893	2.893	0.000	98	60076	20.0	20.8	
25 Carbon disulfide	76	2.934	2.934	0.000	98	203350	20.0	26.6	
161 3-Chloro-1-propene	76	3.040	3.040	0.000	94	27622	20.0	17.1	
27 Methyl acetate	43	3.040	3.046	-0.006	91	50683	40.0	39.5	
166 Cyclopentene	67	3.063	3.063	0.000	91	126369	20.0	20.1	
29 Acetonitrile	41	3.110	3.110	0.000	99	55152	200.0	230.0	
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	148781	1000.0	1000.0	
31 Methylene Chloride	84	3.163	3.163	0.000	89	63791	20.0	23.9	
32 2-Methyl-2-propanol	59	3.193	3.193	-0.001	98	32810	200.0	186.6	
33 Methyl tert-butyl ether	73	3.304	3.310	-0.006	98	120700	20.0	21.2	
34 trans-1,2-Dichloroethene	96	3.345	3.346	-0.001	93	58633	20.0	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	3.416	3.416	0.000	95	153126	200.0	306.0	
36 Hexane	43	3.487	3.487	0.000	91	31279	20.0	22.0	
37 Isopropyl ether	45	3.681	3.681	0.000	96	148287	20.0	19.8	
38 1,1-Dichloroethane	63	3.734	3.734	0.000	99	99818	20.0	21.0	
39 Vinyl acetate	86	3.740	3.740	0.000	99	18362	40.0	38.9	
40 2-Chloro-1,3-butadiene	88	3.781	3.781	0.000	88	47576	20.0	20.8	
41 Tert-butyl ethyl ether	59	3.998	3.999	-0.001	90	137676	20.0	19.8	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	177835	250.0	250.0	
43 2,2-Dichloropropane	97	4.234	4.234	0.000	90	16132	20.0	17.4	
44 cis-1,2-Dichloroethene	96	4.263	4.263	0.000	97	61477	20.0	20.6	
46 Ethyl acetate	70	4.263	4.269	-0.006	93	8405	40.0	34.0	
45 2-Butanone (MEK)	72	4.269	4.275	-0.006	97	24014	100.0	95.0	
47 Methyl acrylate	55	4.334	4.328	0.006	100	33559	20.0	24.4	
48 Propionitrile	54	4.416	4.416	0.000	99	54490	200.0	215.9	
50 Chlorobromomethane	128	4.498	4.499	-0.001	87	30266	20.0	24.9	
49 Tetrahydrofuran	42	4.504	4.504	0.000	55	30787	40.0	42.0	
51 Methacrylonitrile	67	4.522	4.516	0.006	90	195254	200.0	298.6	
52 Chloroform	83	4.539	4.540	-0.001	99	108494	20.0	22.8	
53 Cyclohexane	56	4.687	4.687	0.000	89	82617	20.0	24.0	
54 1,1,1-Trichloroethane	97	4.698	4.699	-0.001	97	85586	20.0	21.3	
$ 55 Dibromofluoromethane (Surr)	113	4.704	4.704	0.000	97	132158	50.0	54.8	
56 Carbon tetrachloride	117	4.828	4.828	0.000	96	63827	20.0	19.8	
57 1,1-Dichloropropene	75	4.863	4.857	0.006	97	65035	20.0	18.5	
58 Isobutyl alcohol	43	4.963	4.963	0.000	97	25328	500.0	337.9	
59 Isooctane	57	5.022	5.022	0.000	97	68194	20.0	16.5	
60 Benzene	78	5.075	5.069	0.006	95	203172	20.0	15.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	-0.001	0	90845	50.0	37.8	
62 Isopropyl acetate	61	5.104	5.104	0.000	98	14602	20.0	18.5	
63 Tert-amyl methyl ether	87	5.116	5.116	0.000	97	35298	20.0	19.7	
64 1,2-Dichloroethane	62	5.169	5.169	0.000	96	52428	20.0	16.7	
65 n-Heptane	71	5.216	5.210	0.006	85	21110	20.0	19.4	
* 66 Fluorobenzene	96	5.375	5.375	0.000	100	482511	50.0	50.0	
67 n-Butanol	56	5.698	5.687	0.011	92	16389	500.0	322.9	
68 Trichloroethene	95	5.763	5.757	0.006	97	56607	20.0	20.3	
69 Ethyl acrylate	99	5.886	5.893	-0.007	98	6824	20.0	25.4	
70 Methylcyclohexane	83	5.892	5.893	-0.001	84	67450	20.0	23.4	
71 1,2-Dichloropropane	63	6.081	6.081	0.000	94	61559	20.0	22.9	
* 73 1,4-Dioxane-d8	96	6.145	6.151	-0.006	0	21074	1000.0	1000.0	
72 Methyl methacrylate	69	6.151	6.151	0.000	83	60034	40.0	49.0	
74 n-Propyl acetate	43	6.210	6.210	0.000	97	42752	20.0	20.8	
75 1,4-Dioxane	88	6.210	6.222	-0.012	31	9142	400.0	399.9	
76 Dibromomethane	93	6.222	6.228	-0.006	96	32483	20.0	24.0	
77 Dichlorobromomethane	83	6.386	6.387	-0.001	98	64650	20.0	18.2	
79 2-Nitropropane	41	6.769	6.769	0.000	99	17630	40.0	46.2	
80 Epichlorohydrin	57	6.892	6.893	-0.001	98	20329	400.0	134.1	
81 cis-1,3-Dichloropropene	75	6.951	6.951	0.000	88	66651	20.0	11.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.139	7.134	0.005	94	145988	100.0	79.8	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	99	402080	50.0	35.0	
84 Toluene	91	7.322	7.322	0.000	94	215207	20.0	15.8	
86 trans-1,3-Dichloropropene	75	7.728	7.728	0.000	98	62288	20.0	13.7	
85 Ethyl methacrylate	69	7.751	7.757	-0.006	81	42735	20.0	17.7	
87 1,1,2-Trichloroethane	83	7.986	7.992	-0.006	97	45732	20.0	23.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 Tetrachloroethene	166	8.045	8.040	0.005	96	61736	20.0	19.7	
89 1,3-Dichloropropane	76	8.263	8.263	0.000	89	77501	20.0	18.8	
90 2-Hexanone	58	8.351	8.345	0.006	95	54728	100.0	78.1	
91 n-Butyl acetate	73	8.498	8.510	-0.012	98	8012	20.0	15.5	
92 Chlorodibromomethane	129	8.569	8.569	0.000	97	57229	20.0	19.9	
93 Ethylene Dibromide	107	8.769	8.769	0.000	98	52336	20.0	22.2	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	84	425696	50.0	50.0	
95 Chlorobenzene	112	9.351	9.351	0.000	96	174940	20.0	20.4	
96 Ethylbenzene	106	9.439	9.434	0.005	98	78833	20.0	16.5	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.451	0.000	97	59930	20.0	20.7	
98 m-Xylene & p-Xylene	106	9.563	9.569	-0.006	0	95044	20.0	16.5	
99 n-Butyl acrylate	73	9.939	9.939	0.000	97	22190	20.0	11.7	
100 o-Xylene	106	9.951	9.951	0.000	94	87234	20.0	15.5	
101 Styrene	104	9.980	9.975	0.005	96	149184	20.0	16.1	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	92	54720	20.0	16.0	
103 Bromoform	173	10.163	10.163	0.000	96	36876	20.0	23.9	
104 Isopropylbenzene	105	10.257	10.257	0.000	95	224996	20.0	18.0	
$ 105 4-Bromofluorobenzene	174	10.421	10.422	-0.001	90	155858	50.0	48.2	
107 Bromobenzene	156	10.527	10.528	-0.001	99	60311	20.0	18.5	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	65288	20.0	29.2	
108 N-Propylbenzene	91	10.574	10.575	-0.001	99	251672	20.0	16.1	
110 1,2,3-Trichloropropane	110	10.598	10.598	0.000	97	16367	20.0	25.8	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.610	0.000	90	10572	20.0	15.6	
112 2-Chlorotoluene	91	10.663	10.663	0.000	96	188433	20.0	17.1	
169 4-Ethyltoluene	105	10.663	10.663	0.000	88	205194	20.0	15.8	
113 1,3,5-Trimethylbenzene	105	10.710	10.710	0.000	93	171641	20.0	16.9	
115 4-Chlorotoluene	91	10.745	10.745	0.000	97	175329	20.0	17.5	
114 Butyl Methacrylate	87	10.780	10.775	0.005	89	59343	20.0	16.2	
116 tert-Butylbenzene	119	10.927	10.928	-0.001	95	130422	20.0	15.6	
117 1,2,4-Trimethylbenzene	105	10.974	10.969	0.005	97	177138	20.0	16.9	
118 sec-Butylbenzene	134	11.074	11.075	-0.001	99	36649	20.0	15.1	
119 4-Isopropyltoluene	119	11.168	11.169	-0.001	98	158751	20.0	15.3	
120 1,3-Dichlorobenzene	146	11.180	11.180	0.000	97	116079	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	95	197563	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.245	11.245	0.000	94	119920	20.0	19.5	
123 1,2,3-Trimethylbenzene	105	11.257	11.251	0.006	98	198312	20.0	18.6	
124 Benzyl chloride	91	11.345	11.339	0.006	99	77845	20.0	17.4	
162 2,3-Dihydroindene	117	11.392	11.386	0.006	94	177970	20.0	18.3	
164 p-Diethylbenzene	119	11.421	11.416	0.005	93	103532	20.0	16.9	
127 n-Butylbenzene	92	11.439	11.433	0.006	97	83446	20.0	16.7	
128 1,2-Dichlorobenzene	146	11.504	11.498	0.006	96	109831	20.0	21.2	
163 1,2,4,5-Tetramethylbenzene	119	11.968	11.963	0.005	97	125083	20.0	14.3	
130 1,2-Dibromo-3-Chloropropane	157	12.074	12.069	0.005	96	9920	20.0	27.6	
131 1,3,5-Trichlorobenzene	180	12.180	12.175	0.005	97	58272	20.0	17.4	
132 1,2,4-Trichlorobenzene	180	12.710	12.704	0.006	94	51224	20.0	22.5	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	92	17297	20.0	18.9	
134 Naphthalene	128	12.951	12.945	0.006	99	97143	20.0	21.8	
135 1,2,3-Trichlorobenzene	180	13.180	13.174	0.006	96	35157	20.0	20.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.8	
S 137 Xylenes, Total	100				0		40.0	32.0	

Reagents:

GASES Li_00654	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00208	Amount Added:	20.00	Units: uL	
524FREONS_00037	Amount Added:	20.00	Units: uL	
ACROLEIN W_00186	Amount Added:	4.00	Units: uL	
8260ISNEW_00213	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00255	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Aug-2025 19:34:53 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30109.D

Injection Date: 01-Aug-2025 18:57:30 Instrument ID: CVOAMS1 Operator ID:

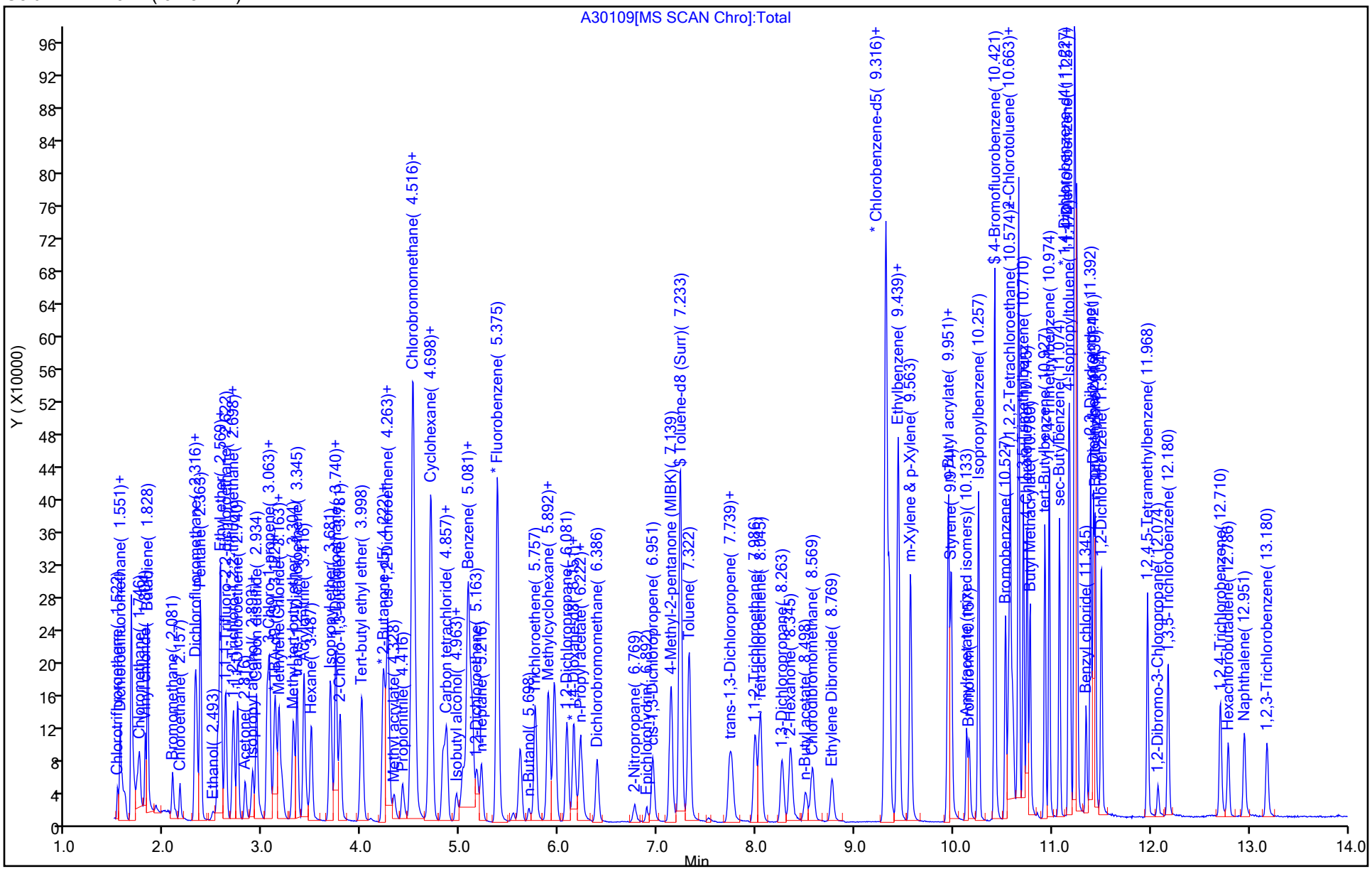
Lims ID: 460-331678-A-6 MSD Worklist Smp#: 31

Client ID: MW-12S

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 30

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30109.D
Lims ID: 460-331678-A-6 MSD
Client ID: MW-12S
Sample Type: MSD
Inject. Date: 01-Aug-2025 18:57:30 ALS Bottle#: 30 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331678-A-6 MSD
Misc. Info.: 460-0194382-031
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 17:19:02 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.8	109.68
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	37.8	75.69
$ 83 Toluene-d8 (Surr)	50.0	35.0	70.08
$ 105 4-Bromofluorobenzene	50.0	48.2	96.42

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 05/14/2025 02:43

Analysis Batch Number: 1037325 End Date: 05/14/2025 18:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-1037325/1		05/14/2025 02:43	1	A26555.D	Rtx-624 0.25(mm)
STD7 460-1037325/4 IC		05/14/2025 04:13	1	A26558.D	Rtx-624 0.25(mm)
STD5 460-1037325/6 IC		05/14/2025 05:03	1	A26560.D	Rtx-624 0.25(mm)
STD20 460-1037325/7 ICIS		05/14/2025 05:27	1	A26561.D	Rtx-624 0.25(mm)
STD50 460-1037325/8 IC		05/14/2025 05:52	1	A26562.D	Rtx-624 0.25(mm)
STD200 460-1037325/9 IC		05/14/2025 06:16	1	A26563.D	Rtx-624 0.25(mm)
STD500 460-1037325/10 IC		05/14/2025 06:40	1	A26564.D	Rtx-624 0.25(mm)
STD8 460-1037325/19 IC		05/14/2025 10:21	1	A26573.D	Rtx-624 0.25(mm)
STD1 460-1037325/20 IC		05/14/2025 10:45	1	A26574.D	Rtx-624 0.25(mm)
ICV 460-1037325/21		05/14/2025 11:47	1	A26575.D	Rtx-624 0.25(mm)
ZZZZZ (QC)		05/14/2025 12:19	1		Rtx-624 0.25(mm)
ZZZZZ (QC)		05/14/2025 12:44	1		Rtx-624 0.25(mm)
ZZZZZ (QC)		05/14/2025 13:57	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 14:21	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 14:46	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 15:10	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 15:35	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 15:59	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 16:24	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 16:48	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 17:13	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 17:37	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 18:01	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 08/01/2025 07:32

Analysis Batch Number: 1053164 End Date: 08/01/2025 18:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1053164/3		08/01/2025 07:32	1	A30081.D	Rtx-624 0.25(mm)
ZZZZZ		08/01/2025 07:56	1		Rtx-624 0.25(mm)
LCS 460-1053164/5		08/01/2025 08:21	1	A30083.D	Rtx-624 0.25(mm)
MB 460-1053164/9		08/01/2025 09:59	1	A30087.D	Rtx-624 0.25(mm)
460-331678-1	TB-07282025	08/01/2025 10:23	1	A30088.D	Rtx-624 0.25(mm)
460-331678-9	FB-07282025	08/01/2025 10:48	1	A30089.D	Rtx-624 0.25(mm)
460-331678-6	MW-12S	08/01/2025 11:12	1	A30090.D	Rtx-624 0.25(mm)
460-331678-2	MW-10S	08/01/2025 11:37	1	A30091.D	Rtx-624 0.25(mm)
460-331678-3	MW-1	08/01/2025 12:01	1	A30092.D	Rtx-624 0.25(mm)
460-331678-4	MW-14S	08/01/2025 12:26	1	A30093.D	Rtx-624 0.25(mm)
460-331678-5	MW-7S	08/01/2025 12:50	1	A30094.D	Rtx-624 0.25(mm)
460-331678-7	MW-12D	08/01/2025 13:15	1	A30095.D	Rtx-624 0.25(mm)
460-331678-8	DUP-01	08/01/2025 13:39	1	A30096.D	Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 14:04	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 14:28	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 14:53	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 15:17	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 15:42	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 16:06	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 16:31	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 16:55	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 17:19	1		Rtx-624 0.25(mm)
460-331678-6 MS	MW-12S MS	08/01/2025 18:33	1	A30108.D	Rtx-624 0.25(mm)
460-331678-6 MSD	MW-12S MSD	08/01/2025 18:57	1	A30109.D	Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1037325 Batch Start Date: 05/14/25 02:43 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00184	524FREONS 00033	7 Freons Hi 00027	7 Freons SS 00028
BFB 460-1037325/1		8260D			5 mL	5 mL				
STD7 460-1037325/4 IC		8260D			5 mL	5 mL				
STD5 460-1037325/6 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-1037325/7 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-1037325/8 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-1037325/9 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-1037325/10 IC		8260D			5 mL	5 mL			50 uL	
STD8 460-1037325/19 IC		8260D			5 mL	5 mL				
STD1 460-1037325/20 IC		8260D			5 mL	5 mL	30 uL	10 uL		
ICV 460-1037325/21		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00192	8260ISNEW 00210	8260MIX1COMB 00205	8260SURR250 00254	ACROLEIN SP 00177	ACROLEIN W 00183
BFB 460-1037325/1		8260D								
STD7 460-1037325/4 IC		8260D				1 uL		1 uL		
STD5 460-1037325/6 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD20 460-1037325/7 ICIS		8260D				1 uL	20 uL	1 uL		4 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1037325 Batch Start Date: 05/14/25 02:43 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00192	8260ISNEW 00210	8260MIX1COMB 00205	8260SURR250 00254	ACROLEIN SP 00177	ACROLEIN W 00183
STD50 460-1037325/8 IC		8260D				1 uL	50 uL	1 uL		10 uL
STD200 460-1037325/9 IC		8260D				1 uL		1 uL		20 uL
STD500 460-1037325/10 IC		8260D				1 uL		1 uL		40 uL
STD8 460-1037325/19 IC		8260D				1 uL	2 uL	1 uL		
STD1 460-1037325/20 IC		8260D				1 uL	10 uL	1 uL		4 uL
ICV 460-1037325/21		8260D			20 uL	1 uL		1 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00137	BFB 00039	Ethanol mix 00101	GAS C SP 00622	GAS Hi 00495	GASES Li 00641
BFB 460-1037325/1		8260D				1 uL				
STD7 460-1037325/4 IC		8260D			20 uL					2.5 uL
STD5 460-1037325/6 IC		8260D								10 uL
STD20 460-1037325/7 ICIS		8260D								20 uL
STD50 460-1037325/8 IC		8260D								50 uL
STD200 460-1037325/9 IC		8260D					20 uL		20 uL	
STD500 460-1037325/10 IC		8260D					50 uL		50 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1037325 Batch Start Date: 05/14/25 02:43 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00137	BFB 00039	Ethanol mix 00101	GAS C SP 00622	GAS Hi 00495	GASES Li 00641
STD8 460-1037325/19 IC		8260D								
STD1 460-1037325/20 IC		8260D								10 uL
ICV 460-1037325/21		8260D						20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX 2 Hi 00161	MIX I Hi 00188				
BFB 460-1037325/1		8260D								
STD7 460-1037325/4 IC		8260D								
STD5 460-1037325/6 IC		8260D								
STD20 460-1037325/7 ICIS		8260D								
STD50 460-1037325/8 IC		8260D								
STD200 460-1037325/9 IC		8260D			20 uL	20 uL				
STD500 460-1037325/10 IC		8260D			50 uL	50 uL				
STD8 460-1037325/19 IC		8260D								
STD1 460-1037325/20 IC		8260D								
ICV 460-1037325/21		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1037325 Batch Start Date: 05/14/25 02:43 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1053164 Batch Start Date: 08/01/25 07:32 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00037	8260ISNEW 00213	8260MIX1COMB 00208
CCVIS 460-1053164/3		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-1053164/5		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-1053164/9		8260D			5 mL	5 mL			1 uL	
460-331678-A-1	TB-07282025	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331678-A-9	FB-07282025	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331678-A-6	MW-12S	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331678-A-2	MW-10S	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331678-A-3	MW-1	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331678-A-4	MW-14S	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331678-A-5	MW-7S	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331678-A-7	MW-12D	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331678-A-8	DUP-01	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331678-A-6 MS	MW-12S	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-331678-A-6 MSD	MW-12S	8260D	Water	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00255	ACROLEIN W 00186	GASES Li 00654			
CCVIS 460-1053164/3		8260D			1 uL	4 uL	20 uL			
LCS 460-1053164/5		8260D			1 uL	4 uL	20 uL			
MB 460-1053164/9		8260D			1 uL					
460-331678-A-1	TB-07282025	8260D	Water	T	1 uL					
460-331678-A-9	FB-07282025	8260D	Water	T	1 uL					
460-331678-A-6	MW-12S	8260D	Water	T	1 uL					
460-331678-A-2	MW-10S	8260D	Water	T	1 uL					
460-331678-A-3	MW-1	8260D	Water	T	1 uL					
460-331678-A-4	MW-14S	8260D	Water	T	1 uL					
460-331678-A-5	MW-7S	8260D	Water	T	1 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1053164 Batch Start Date: 08/01/25 07:32 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00255	ACROLEIN W 00186	GASES Li 00654			
460-331678-A-7	MW-12D	8260D	Water	T	1 uL					
460-331678-A-8	DUP-01	8260D	Water	T	1 uL					
460-331678-A-6 MS	MW-12S	8260D	Water	T	1 uL	4 uL	20 uL			
460-331678-A-6 MSD	MW-12S	8260D	Water	T	1 uL	4 uL	20 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
MW-10S	460-331678-2	77	75	36
MW-1	460-331678-3	89	88	30
MW-14S	460-331678-4	82	80	34
MW-7S	460-331678-5	89	88	35
MW-12S	460-331678-6	89	90	51
MW-12D	460-331678-7	83	84	50
DUP-01	460-331678-8	87	87	46
FB-07282025	460-331678-9	92	92	66
	MB 460-1052770/1-A	86	84	98
	LCS 460-1052770/2-A	76	83	77
	LCSD 460-1052770/3-A	86	95	87
MW-12S MS	460-331678-6 MS	88	91	66
MW-12S MSD	460-331678-6 MSD	92	95	70

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	39-145
FBP = 2-Fluorobiphenyl	38-139
TPHL = Terphenyl-d14 (Surr)	10-133

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P94063.D

Lab ID: LCS 460-1052770/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
2-Methylnaphthalene	80.0	77.8	97	45-110	
Acenaphthene	80.0	72.2	90	58-127	
Acenaphthylene	80.0	75.5	94	63-133	
Anthracene	80.0	79.8	100	59-127	
Benzo[a]anthracene	80.0	81.7	102	58-131	
Benzo[a]pyrene	80.0	83.6	104	63-148	
Benzo[b]fluoranthene	80.0	79.2	99	60-140	
Benzo[g,h,i]perylene	80.0	83.8	105	52-150	
Benzo[k]fluoranthene	80.0	78.1	98	60-140	
Chrysene	80.0	80.8	101	57-132	
Dibenz(a,h)anthracene	80.0	90.7	113	53-150	
Fluoranthene	80.0	86.0	108	59-137	
Fluorene	80.0	78.4	98	61-125	
Indeno[1,2,3-cd]pyrene	80.0	92.5	116	54-150	
Naphthalene	80.0	69.1	86	45-126	
Phenanthrene	80.0	78.3	98	58-126	
Pyrene	80.0	77.2	97	53-137	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P94064.D

Lab ID: LCSD 460-1052770/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
2-Methylnaphthalene	80.0	89.2	112	14	30	45-110	*
Acenaphthene	80.0	83.0	104	14	30	58-127	
Acenaphthylene	80.0	87.2	109	14	30	63-133	
Anthracene	80.0	90.7	113	13	30	59-127	
Benzo[a]anthracene	80.0	92.9	116	13	30	58-131	
Benzo[a]pyrene	80.0	95.9	120	14	30	63-148	
Benzo[b]fluoranthene	80.0	91.9	115	15	30	60-140	
Benzo[g,h,i]perylene	80.0	101	127	19	30	52-150	
Benzo[k]fluoranthene	80.0	88.3	110	12	30	60-140	
Chrysene	80.0	90.1	113	11	30	57-132	
Dibenz(a,h)anthracene	80.0	110	138	20	30	53-150	
Fluoranthene	80.0	99.3	124	14	30	59-137	
Fluorene	80.0	88.6	111	12	30	61-125	
Indeno[1,2,3-cd]pyrene	80.0	112	140	19	30	54-150	
Naphthalene	80.0	80.8	101	16	30	45-126	
Phenanthrene	80.0	90.2	113	14	30	58-126	
Pyrene	80.0	84.8	106	9	30	53-137	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P94104.D

Lab ID: 460-331678-6 MS Client ID: MW-12S MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
2-Methylnaphthalene	80.0	10 U	49.9	62	45-110	
Acenaphthene	80.0	10 U	44.8	56	58-127	*
Acenaphthylene	80.0	10 U	46.7	58	63-133	*
Anthracene	80.0	10 U	48.6	61	59-127	
Benzo[a]anthracene	80.0	1.0 U	49.2	61	58-131	
Benzo[a]pyrene	80.0	1.0 U	49.6	62	63-148	*
Benzo[b]fluoranthene	80.0	2.0 U	50.2	63	60-140	
Benzo[g,h,i]perylene	80.0	10 U	43.3	54	52-150	
Benzo[k]fluoranthene	80.0	1.0 U	50.5	63	60-140	
Chrysene	80.0	2.0 U	47.5	59	57-132	
Dibenz(a,h)anthracene	80.0	1.0 U	44.8	56	53-150	
Fluoranthene	80.0	10 U	54.1	68	59-137	
Fluorene	80.0	10 U	48.4	60	61-125	*
Indeno[1,2,3-cd]pyrene	80.0	2.0 U	46.2	58	54-150	
Naphthalene	80.0	2.0 U	46.1	58	45-126	
Phenanthrene	80.0	10 U	47.7	60	58-126	
Pyrene	80.0	10 U	44.8	56	53-137	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P94105.D

Lab ID: 460-331678-6 MSD Client ID: MW-12S MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
2-Methylnaphthalene	80.0	59.9	75	18	30	45-110	
Acenaphthene	80.0	52.8	66	16	30	58-127	
Acenaphthylene	80.0	55.3	69	17	30	63-133	
Anthracene	80.0	56.1	70	14	30	59-127	
Benzo[a]anthracene	80.0	55.5	69	12	30	58-131	
Benzo[a]pyrene	80.0	57.2	72	14	30	63-148	
Benzo[b]fluoranthene	80.0	57.9	72	14	30	60-140	
Benzo[g,h,i]perylene	80.0	50.9	64	16	30	52-150	
Benzo[k]fluoranthene	80.0	57.5	72	13	30	60-140	
Chrysene	80.0	53.8	67	12	30	57-132	
Dibenz(a,h)anthracene	80.0	52.3	65	15	30	53-150	
Fluoranthene	80.0	62.5	78	14	30	59-137	
Fluorene	80.0	57.0	71	16	30	61-125	
Indeno[1,2,3-cd]pyrene	80.0	54.6	68	17	30	54-150	
Naphthalene	80.0	55.4	69	18	30	45-126	
Phenanthrene	80.0	55.9	70	16	30	58-126	
Pyrene	80.0	51.4	64	14	30	53-137	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab File ID: P94065.D Lab Sample ID: MB 460-1052770/1-A

Matrix: Water Date Extracted: 07/30/2025 09:36

Instrument ID: CBNAMS18 Date Analyzed: 07/31/2025 08:08

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1052770/2-A	P94063.D	07/31/2025 07:25
	LCSD 460-1052770/3-A	P94064.D	07/31/2025 07:47
MW-10S	460-331678-2	P94096.D	08/01/2025 07:48
MW-1	460-331678-3	P94097.D	08/01/2025 08:09
MW-14S	460-331678-4	P94098.D	08/01/2025 08:31
MW-7S	460-331678-5	P94099.D	08/01/2025 08:52
MW-12D	460-331678-7	P94100.D	08/01/2025 09:13
DUP-01	460-331678-8	P94101.D	08/01/2025 09:34
FB-07282025	460-331678-9	P94102.D	08/01/2025 09:55
MW-12S	460-331678-6	P94103.D	08/01/2025 10:17
MW-12S MS	460-331678-6 MS	P94104.D	08/01/2025 10:38
MW-12S MSD	460-331678-6 MSD	P94105.D	08/01/2025 10:59

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab File ID: P93556.D DFTPP Injection Date: 07/02/2025

Instrument ID: CBNAMS18 DFTPP Injection Time: 10:27

Analysis Batch No.: 1047517

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.3	(0.4) 1
69	Present	58.0	
70	Less than 2% of m/z 69	0.3	(0.5) 1
197	Less than 2% of m/z 198	0.0	
198	Base Peak	100.0	
199	5-9% of m/z 198	6.3	
365	Greater than 1% of Base Peak	2.9	
441	Less than 150% of m/z 443	20.8	(82.8) 3
442	Present	127.4	
443	15-24% of m/z 442	25.1	(19.7) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-1047517/2	P93557.D	07/02/2025	10:53
	STD24 460-1047517/3	P93558.D	07/02/2025	11:14
	STD16 460-1047517/4	P93559.D	07/02/2025	11:35
	STD4 460-1047517/5	P93560.D	07/02/2025	11:57
	STD2 460-1047517/6	P93561.D	07/02/2025	12:18
	STD1 460-1047517/7	P93562.D	07/02/2025	12:39
	STD04 460-1047517/8	P93563.D	07/02/2025	13:01
	STD02 460-1047517/9	P93564.D	07/02/2025	13:22
	STD01 460-1047517/10	P93565.D	07/02/2025	13:44
	STD002 460-1047517/11	P93566.D	07/02/2025	14:05
	ICV 460-1047517/12	P93567.D	07/02/2025	14:27

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: ICIS 460-1047517/2 Date Analyzed: 07/02/2025 10:53

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P93557.D Heated Purge: (Y/N) N

Calibration ID: 101654

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		925545	4.01	3541441	5.23	1433505	6.90
UPPER LIMIT		1851090	4.51	7082882	5.73	2867010	7.40
LOWER LIMIT		462773	3.51	1770721	4.73	716753	6.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1047517/12		780912	4.01	3138667	5.23	1336033	6.90

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: ICIS 460-1047517/2 Date Analyzed: 07/02/2025 10:53

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P93557.D Heated Purge: (Y/N) N

Calibration ID: 101654

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		2051427	8.30	1093841	10.85	1059776	12.58
UPPER LIMIT		4102854	8.80	2187682	11.35	2119552	13.08
LOWER LIMIT		1025714	7.80	546921	10.35	529888	12.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1047517/12		1987726	8.30	1030875	10.85	994311	12.58

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: CCVIS 460-1052909/2 Date Analyzed: 07/31/2025 05:11

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P94057.D Heated Purge: (Y/N) N

Calibration ID: 101654

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		534635	3.93	2072114	5.19	988939	6.92
UPPER LIMIT		1069270	4.43	4144228	5.69	1977878	7.42
LOWER LIMIT		267318	3.43	1036057	4.69	494470	6.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1052770/2-A		525299	3.92	2114314	5.19	1036816	6.92
LCSD 460-1052770/3-A		548226	3.93	2157743	5.19	1043644	6.92
MB 460-1052770/1-A		493521	3.92	1986811	5.19	1034050	6.91

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: CCVIS 460-1052909/2 Date Analyzed: 07/31/2025 05:11

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P94057.D Heated Purge: (Y/N) N

Calibration ID: 101654

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1595811	8.36	900104	10.99	817567	12.75
UPPER LIMIT		3191622	8.86	1800208	11.49	1635134	13.25
LOWER LIMIT		797906	7.86	450052	10.49	408784	12.25
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1052770/2-A		1580853	8.36	876722	10.98	861525	12.75
LCSD 460-1052770/3-A		1602232	8.36	936630	10.98	947972	12.75
MB 460-1052770/1-A		1690824	8.35	933873	10.98	866801	12.74

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: CCVIS 460-1053160/2 Date Analyzed: 08/01/2025 06:02

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P94091.D Heated Purge: (Y/N) N

Calibration ID: 101654

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		618325	3.92	2473772	5.18	1205410	6.90
UPPER LIMIT		1236650	4.42	4947544	5.68	2410820	7.40
LOWER LIMIT		309163	3.42	1236886	4.68	602705	6.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-331678-2	MW-10S	452267	3.91	1816164	5.17	996790	6.90
460-331678-3	MW-1	456962	3.91	1824813	5.17	992043	6.90
460-331678-4	MW-14S	475500	3.91	1899442	5.17	1028897	6.90
460-331678-5	MW-7S	504719	3.91	2043053	5.17	1099981	6.90
460-331678-7	MW-12D	533649	3.91	2157336	5.18	1164090	6.90
460-331678-8	DUP-01	472972	3.91	1932057	5.17	1046505	6.90
460-331678-9	FB-07282025	437967	3.91	1754690	5.17	953130	6.90
460-331678-6	MW-12S	407468	3.91	1654263	5.17	895741	6.90
460-331678-6 MS	MW-12S MS	477575	3.91	1874933	5.18	978957	6.90
460-331678-6 MSD	MW-12S MSD	424100	3.91	1616794	5.18	850569	6.90

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: CCVIS 460-1053160/2 Date Analyzed: 08/01/2025 06:02

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P94091.D Heated Purge: (Y/N) N

Calibration ID: 101654

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2039278	8.34	1145563	10.97	1012448	12.72
UPPER LIMIT		4078556	8.84	2291126	11.47	2024896	13.22
LOWER LIMIT		1019639	7.84	572782	10.47	506224	12.22
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-331678-2	MW-10S	1728020	8.34	1029160	10.96	936919	12.72
460-331678-3	MW-1	1721619	8.34	1030951	10.96	927810	12.72
460-331678-4	MW-14S	1785736	8.34	1049123	10.96	943444	12.72
460-331678-5	MW-7S	1929517	8.34	1140885	10.96	1037024	12.72
460-331678-7	MW-12D	2040297	8.34	1199053	10.96	1081443	12.72
460-331678-8	DUP-01	1828979	8.34	1087428	10.96	982717	12.72
460-331678-9	FB-07282025	1685832	8.34	1020616	10.96	900545	12.72
460-331678-6	MW-12S	1567245	8.34	929148	10.96	809540	12.72
460-331678-6 MS	MW-12S MS	1590450	8.34	968485	10.97	907502	12.72
460-331678-6 MSD	MW-12S MSD	1367222	8.34	835780	10.96	773602	12.72

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-10S | Lab Sample ID: 460-331678-2

Matrix: Water | Lab File ID: P94096.D

Analysis Method: 8270E | Date Collected: 07/28/2025 09:15

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 07:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053160 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U *	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	75		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	77		39-145
1718-51-0	Terphenyl-d14 (Surr)	36		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94096.D
Lims ID: 460-331678-E-2-A
Client ID: MW-10S
Sample Type: Client
Inject. Date: 01-Aug-2025 07:48:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-007
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:24:20 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 12:24:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.912	3.916	-0.004	96	452267	8.00	
$ 28 Nitrobenzene-d5	82	4.467	4.476	-0.009	87	773991	7.72	
* 38 Naphthalene-d8	136	5.173	5.179	-0.006	99	1816164	8.00	
$ 53 2-Fluorobiphenyl	172	6.255	6.257	-0.002	98	1519989	7.51	
* 64 Acenaphthene-d10	164	6.900	6.904	-0.004	97	996790	8.00	
* 88 Phenanthrene-d10	188	8.340	8.344	-0.004	99	1728020	8.00	
$ 97 Terphenyl-d14	244	9.895	9.899	-0.004	98	678725	3.61	
* 103 Chrysene-d12	240	10.962	10.968	-0.006	99	1029160	8.00	
* 110 Perylene-d12	264	12.719	12.724	-0.005	98	936919	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

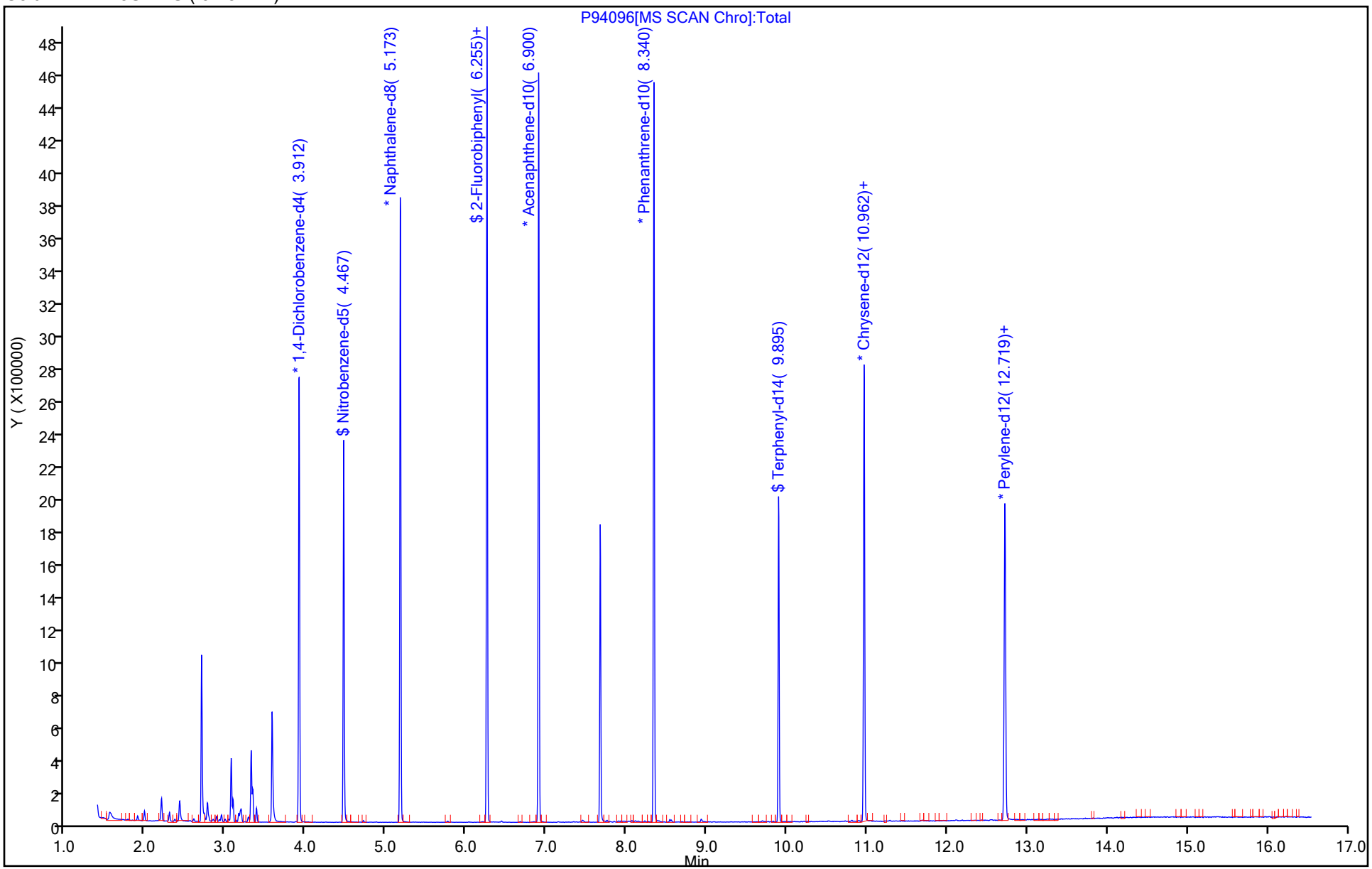
Report Date: 04-Aug-2025 12:24:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94096.D

Injection Date:	01-Aug-2025 07:48:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	460-331678-E-2-A	Lab Sample ID:	460-331678-2	Worklist Smp#:	7
Client ID:	MW-10S				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94096.D
Lims ID: 460-331678-E-2-A
Client ID: MW-10S
Sample Type: Client
Inject. Date: 01-Aug-2025 07:48:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-007
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:24:20 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 12:24:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	7.72	77.16
$ 53 2-Fluorobiphenyl	10.0	7.51	75.10
$ 97 Terphenyl-d14	10.0	3.61	36.12

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-1 | Lab Sample ID: 460-331678-3

Matrix: Water | Lab File ID: P94097.D

Analysis Method: 8270E | Date Collected: 07/28/2025 09:55

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 08:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053160 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U *	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	88		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	89		39-145
1718-51-0	Terphenyl-d14 (Surr)	30		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94097.D
Lims ID: 460-331678-E-3-A
Client ID: MW-1
Sample Type: Client
Inject. Date: 01-Aug-2025 08:09:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-008
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:24:20 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 12:25:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.909	3.916	-0.007	96	456962	8.00	
$ 28 Nitrobenzene-d5	82	4.467	4.476	-0.009	87	892418	8.85	
* 38 Naphthalene-d8	136	5.173	5.179	-0.006	99	1824813	8.00	
$ 53 2-Fluorobiphenyl	172	6.255	6.257	-0.002	98	1772081	8.80	
* 64 Acenaphthene-d10	164	6.900	6.904	-0.004	95	992043	8.00	
* 88 Phenanthrene-d10	188	8.338	8.344	-0.006	99	1721619	8.00	
$ 97 Terphenyl-d14	244	9.894	9.899	-0.005	98	566295	3.01	
* 103 Chrysene-d12	240	10.961	10.968	-0.007	99	1030951	8.00	
* 110 Perylene-d12	264	12.719	12.724	-0.005	98	927810	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

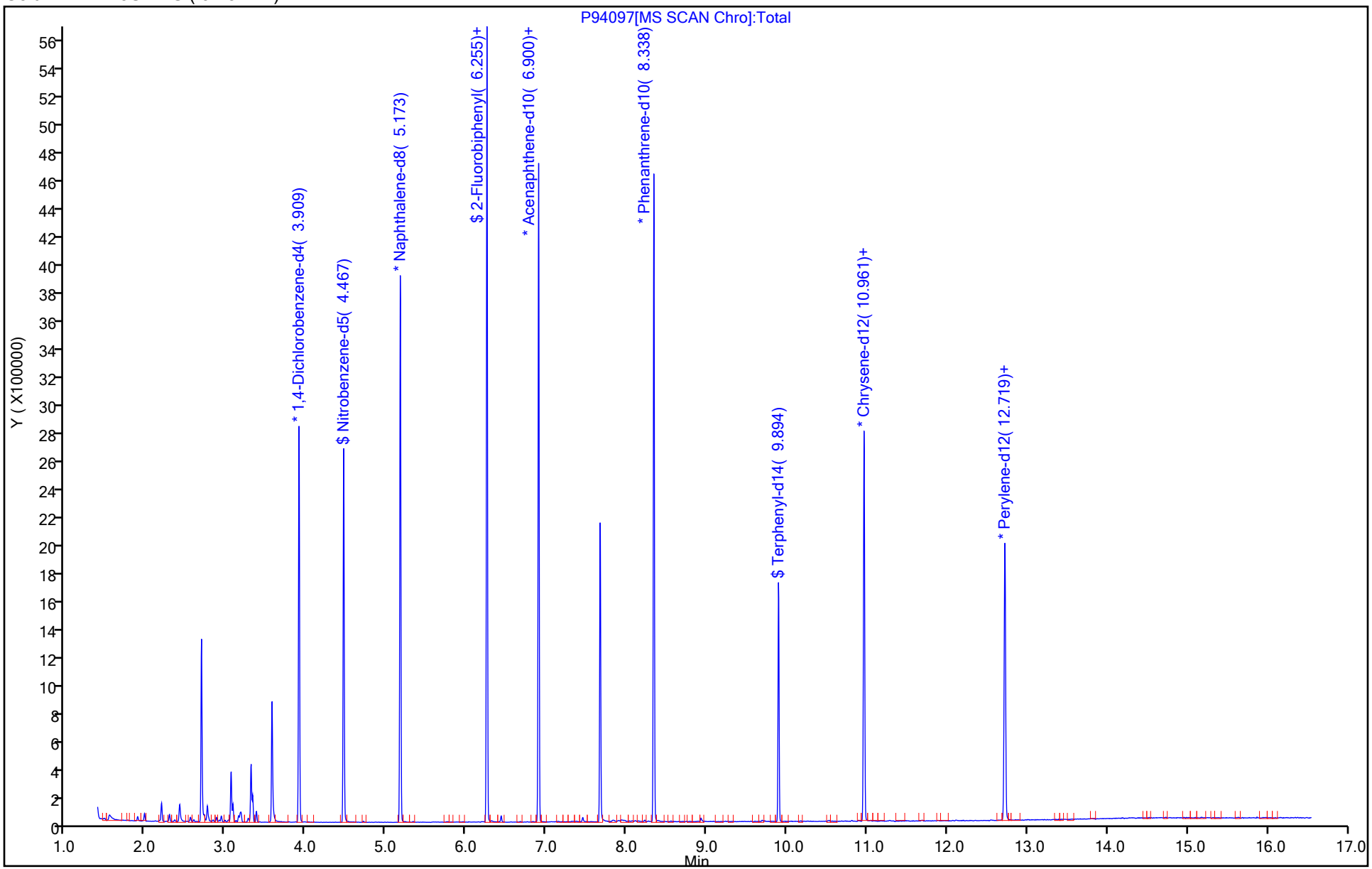
Report Date: 04-Aug-2025 12:25:51 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94097.D

Injection Date:	01-Aug-2025 08:09:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	460-331678-E-3-A	Lab Sample ID:	460-331678-3	Worklist Smp#:	8
Client ID:	MW-1				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94097.D				
Lims ID:	460-331678-E-3-A				
Client ID:	MW-1				
Sample Type:	Client				
Inject. Date:	01-Aug-2025 08:09:30	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0194380-008				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	04-Aug-2025 12:24:20	Calib Date:	02-Jul-2025 14:05:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1602				

First Level Reviewer: V5XH Date: 04-Aug-2025 12:25:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.85	88.54
$ 53 2-Fluorobiphenyl	10.0	8.80	87.97
$ 97 Terphenyl-d14	10.0	3.01	30.09

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-14S | Lab Sample ID: 460-331678-4

Matrix: Water | Lab File ID: P94098.D

Analysis Method: 8270E | Date Collected: 07/28/2025 10:55

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 08:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053160 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U *	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	80		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	82		39-145
1718-51-0	Terphenyl-d14 (Surr)	34		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94098.D
Lims ID: 460-331678-E-4-A
Client ID: MW-14S
Sample Type: Client
Inject. Date: 01-Aug-2025 08:31:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-009
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:24:20 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 08:53:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.912	3.916	-0.004	97	475500	8.00	
$ 28 Nitrobenzene-d5	82	4.467	4.476	-0.009	87	858969	8.19	
* 38 Naphthalene-d8	136	5.173	5.179	-0.007	99	1899442	8.00	
$ 53 2-Fluorobiphenyl	172	6.255	6.257	-0.002	97	1679328	8.04	
* 64 Acenaphthene-d10	164	6.899	6.904	-0.005	95	1028897	8.00	
* 88 Phenanthrene-d10	188	8.340	8.344	-0.004	99	1785736	8.00	
$ 97 Terphenyl-d14	244	9.894	9.899	-0.005	98	646627	3.38	
* 103 Chrysene-d12	240	10.961	10.968	-0.007	99	1049123	8.00	
* 110 Perylene-d12	264	12.722	12.724	-0.002	99	943444	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

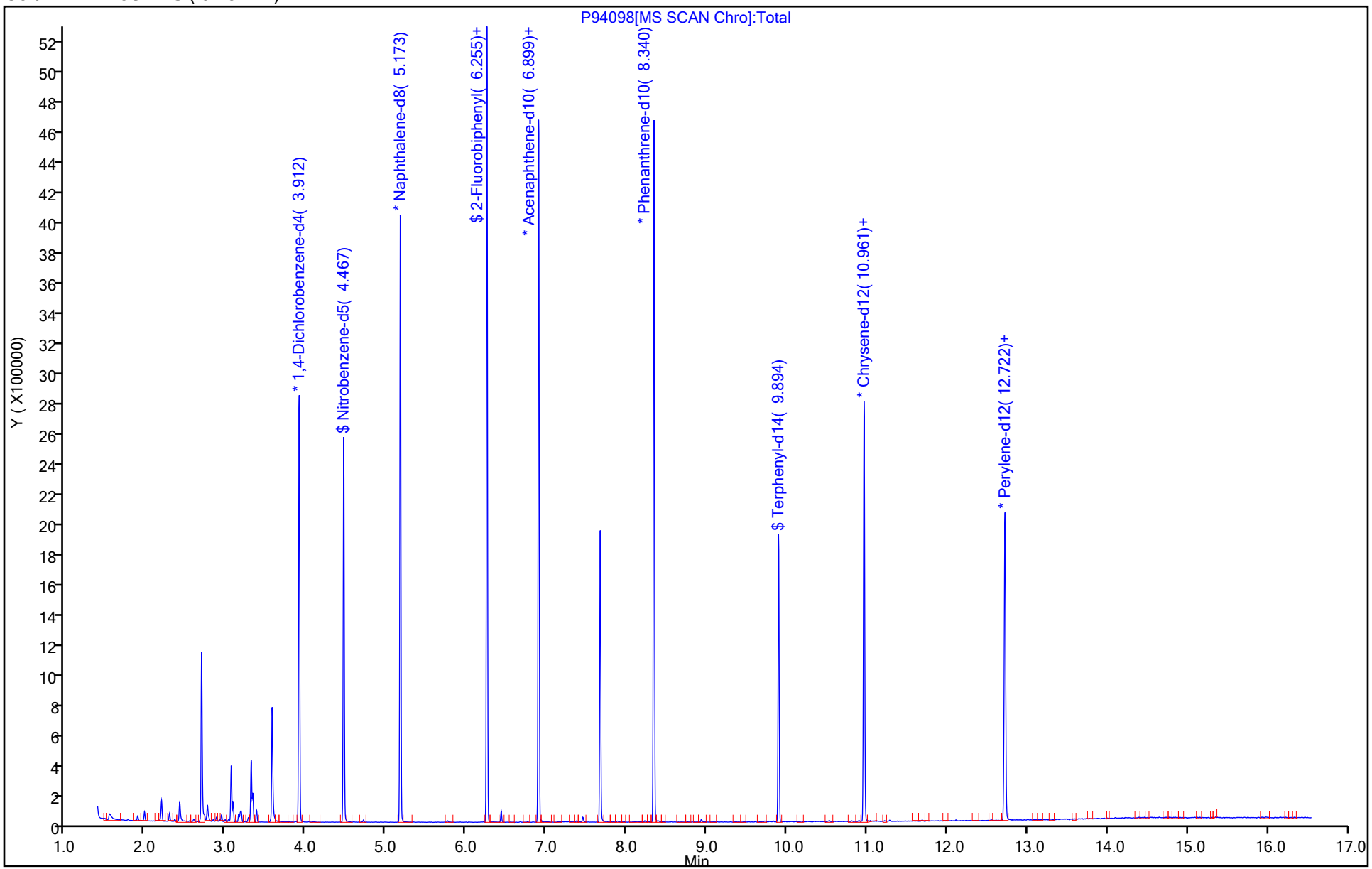
Report Date: 04-Aug-2025 12:26:30 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94098.D

Injection Date:	01-Aug-2025 08:31:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	460-331678-E-4-A	Lab Sample ID:	460-331678-4	Worklist Smp#:	9
Client ID:	MW-14S				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94098.D
Lims ID: 460-331678-E-4-A
Client ID: MW-14S
Sample Type: Client
Inject. Date: 01-Aug-2025 08:31:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-009
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:24:20 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 08:53:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.19	81.87
$ 53 2-Fluorobiphenyl	10.0	8.04	80.38
$ 97 Terphenyl-d14	10.0	3.38	33.76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-7S | Lab Sample ID: 460-331678-5

Matrix: Water | Lab File ID: P94099.D

Analysis Method: 8270E | Date Collected: 07/28/2025 11:50

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 08:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053160 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U *	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	88		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	89		39-145
1718-51-0	Terphenyl-d14 (Surr)	35		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94099.D
Lims ID: 460-331678-E-5-A
Client ID: MW-7S
Sample Type: Client
Inject. Date: 01-Aug-2025 08:52:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-010
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:24:20 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 09:32:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.909	3.916	-0.007	96	504719	8.00	
$ 28 Nitrobenzene-d5	82	4.467	4.476	-0.009	87	1000364	8.86	
* 38 Naphthalene-d8	136	5.173	5.179	-0.006	99	2043053	8.00	
$ 53 2-Fluorobiphenyl	172	6.255	6.257	-0.002	98	1972035	8.83	
* 64 Acenaphthene-d10	164	6.900	6.904	-0.004	95	1099981	8.00	
* 88 Phenanthrene-d10	188	8.341	8.344	-0.003	99	1929517	8.00	
$ 97 Terphenyl-d14	244	9.896	9.899	-0.003	98	729771	3.50	
* 103 Chrysene-d12	240	10.963	10.968	-0.005	99	1140885	8.00	
* 110 Perylene-d12	264	12.721	12.724	-0.003	98	1037024	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

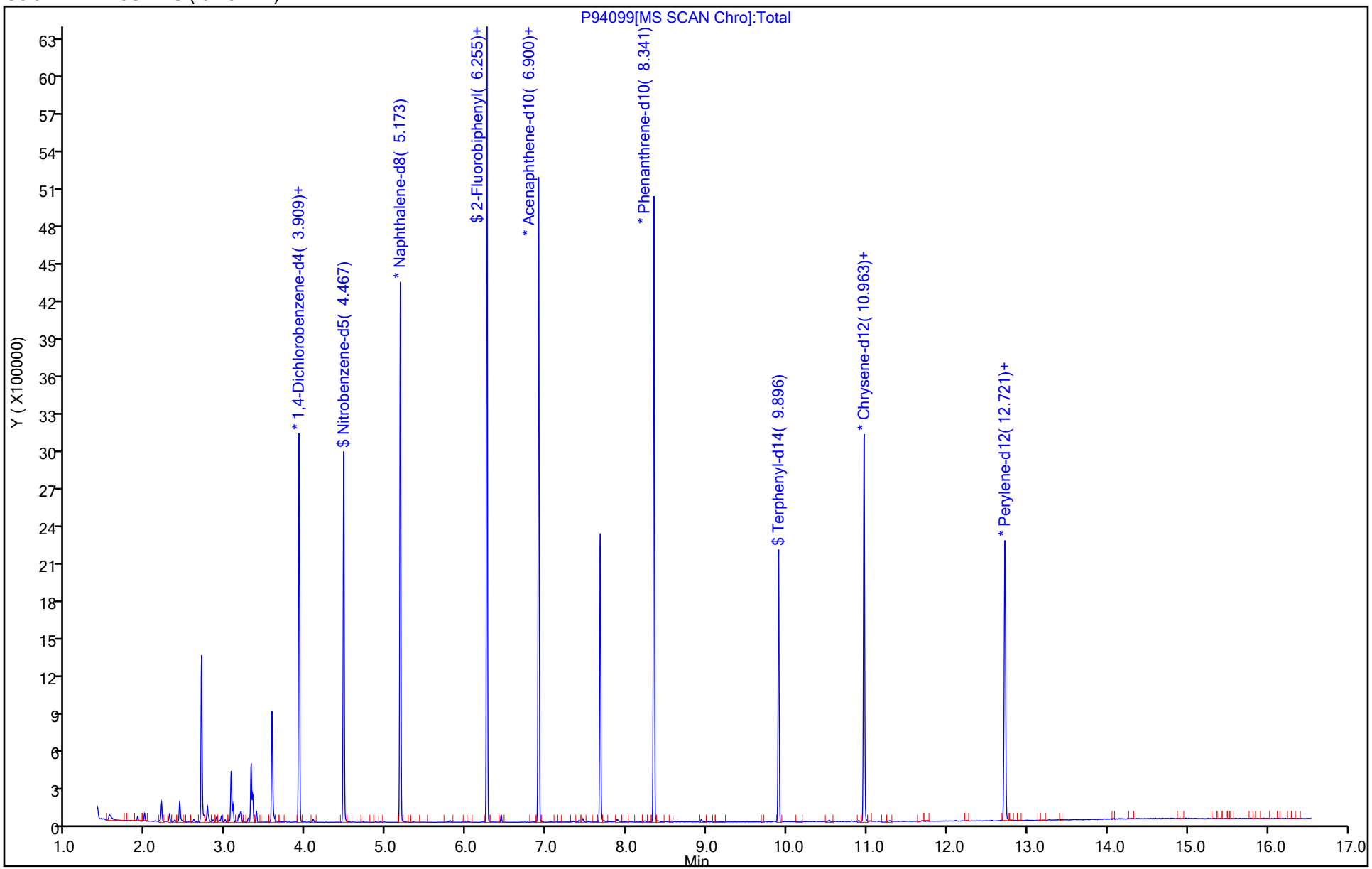
Report Date: 04-Aug-2025 12:26:59 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94099.D

Injection Date:	01-Aug-2025 08:52:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	460-331678-E-5-A	Lab Sample ID:	460-331678-5	Worklist Smp#:	10
Client ID:	MW-7S				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94099.D
Lims ID: 460-331678-E-5-A
Client ID: MW-7S
Sample Type: Client
Inject. Date: 01-Aug-2025 08:52:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-010
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:24:20 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 09:32:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.86	88.65
$ 53 2-Fluorobiphenyl	10.0	8.83	88.29
$ 97 Terphenyl-d14	10.0	3.50	35.03

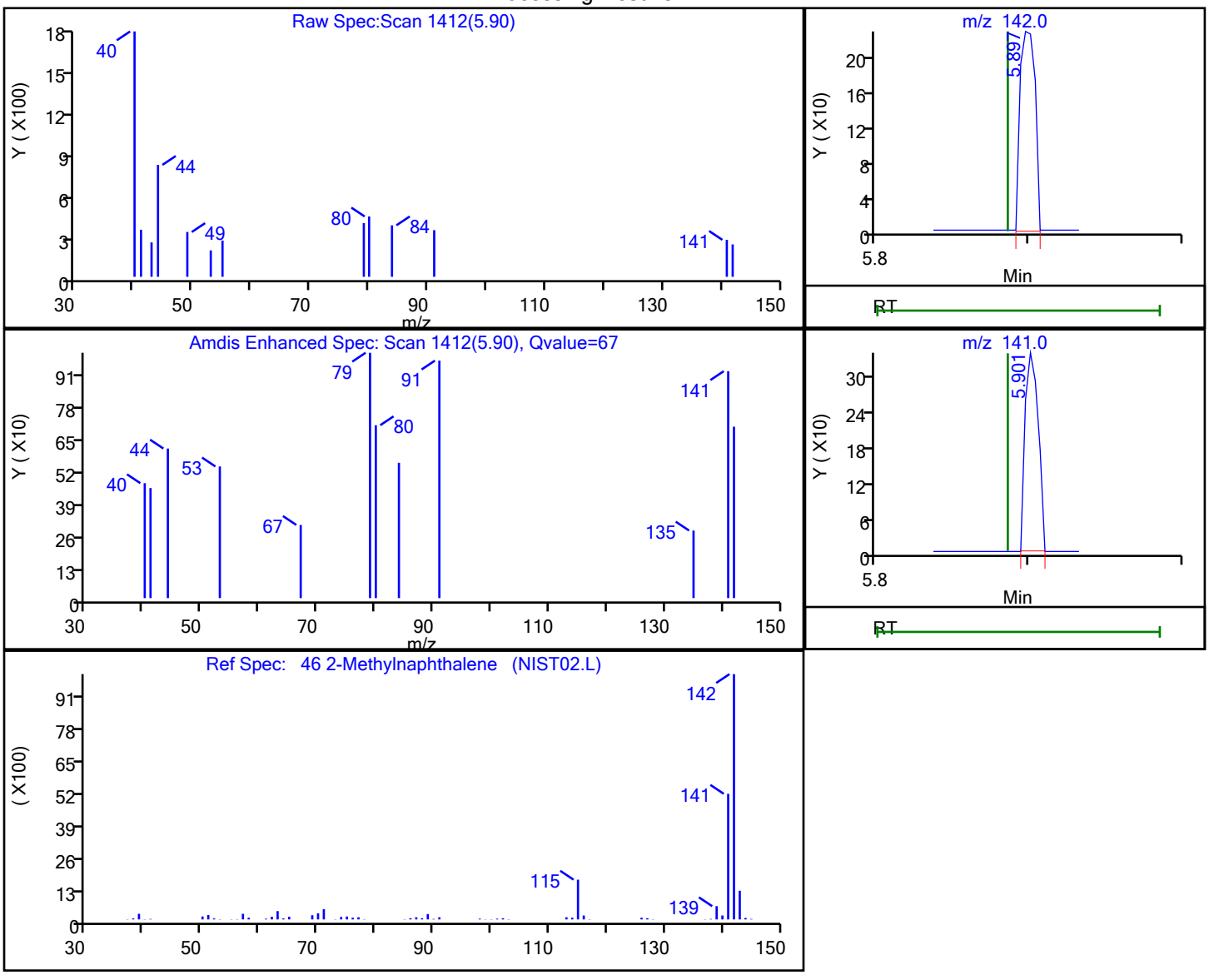
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94099.D				
Injection Date:	01-Aug-2025 08:52:30	Instrument ID:	CBNAMS18		
Lims ID:	460-331678-E-5-A	Lab Sample ID:	460-331678-5		
Client ID:	MW-7S				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results



RT	Mass	Response	Amount
5.90	142.00	156	0.001024
5.90	141.00	203	

Reviewer: QQ8R, 01-Aug-2025 09:32:36 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-12S | Lab Sample ID: 460-331678-6

Matrix: Water | Lab File ID: P94103.D

Analysis Method: 8270E | Date Collected: 07/28/2025 12:45

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 10:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053160 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U *	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	90		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	89		39-145
1718-51-0	Terphenyl-d14 (Surr)	51		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94103.D
Lims ID: 460-331678-E-6-A
Client ID: MW-12S
Sample Type: Client
Inject. Date: 01-Aug-2025 10:17:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-014
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:31:15 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 10:55:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.692	2.696	-0.004	96	369134	4.77	
$ 6 Phenol-d5	99	3.573	3.584	-0.011	0	288142	2.86	
* 14 1,4-Dichlorobenzene-d4	152	3.909	3.916	-0.007	96	407468	8.00	
$ 28 Nitrobenzene-d5	82	4.467	4.476	-0.009	87	815559	8.93	
* 38 Naphthalene-d8	136	5.173	5.179	-0.006	99	1654263	8.00	
$ 53 2-Fluorobiphenyl	172	6.255	6.257	-0.002	97	1637187	9.00	
* 64 Acenaphthene-d10	164	6.900	6.904	-0.004	95	895741	8.00	
$ 79 2,4,6-Tribromophenol	330	7.669	7.675	-0.006	94	290493	12.3	
* 88 Phenanthrene-d10	188	8.340	8.344	-0.004	99	1567245	8.00	
$ 97 Terphenyl-d14	244	9.895	9.899	-0.004	98	871264	5.14	
* 103 Chrysene-d12	240	10.962	10.968	-0.006	99	929148	8.00	
* 110 Perylene-d12	264	12.719	12.724	-0.005	98	809540	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

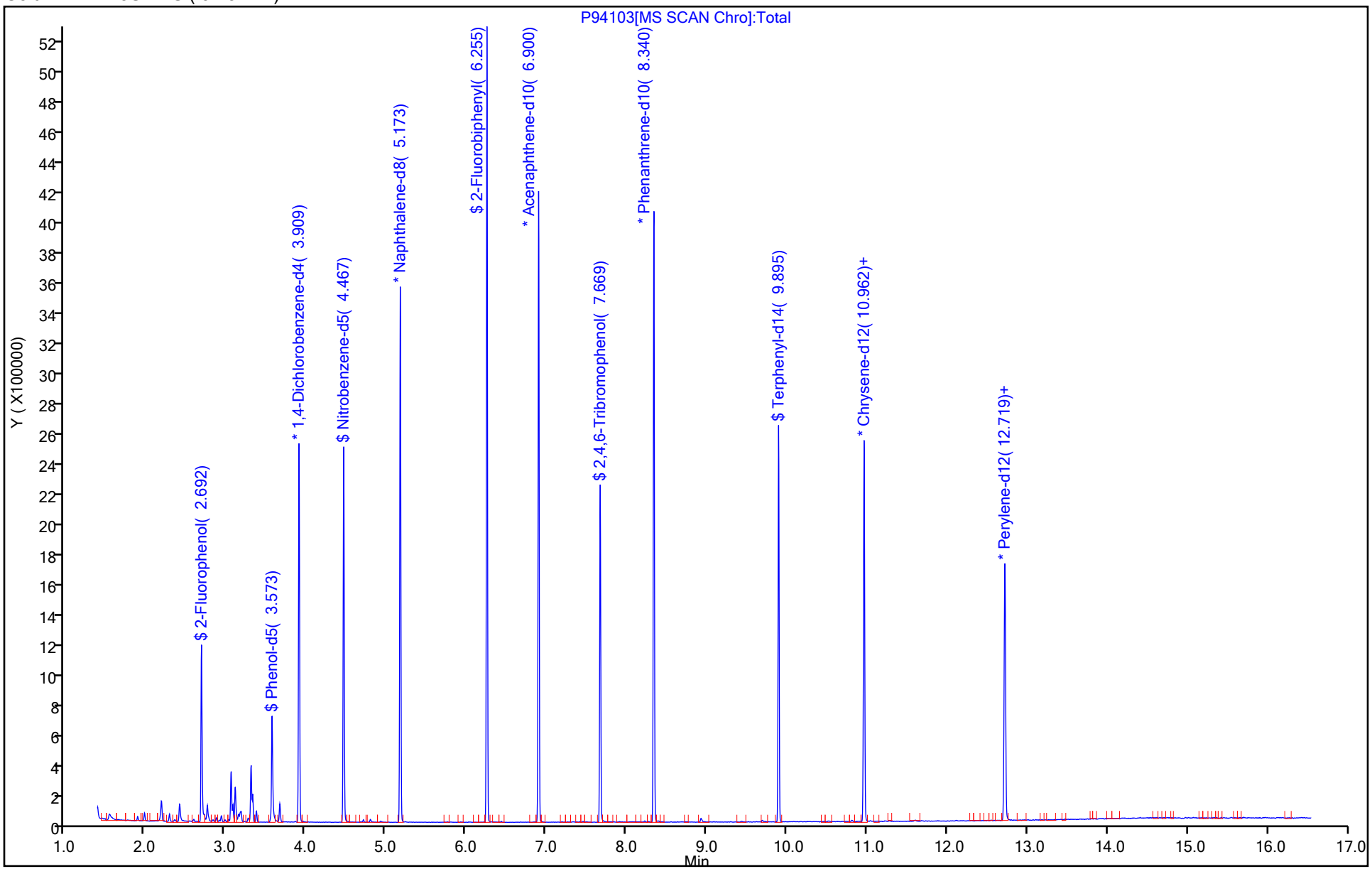
Report Date: 04-Aug-2025 12:31:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94103.D

Injection Date:	01-Aug-2025 10:17:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	460-331678-E-6-A	Lab Sample ID:	460-331678-6	Worklist Smp#:	14
Client ID:	MW-12S				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94103.D
Lims ID: 460-331678-E-6-A
Client ID: MW-12S
Sample Type: Client
Inject. Date: 01-Aug-2025 10:17:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-014
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:31:15 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 10:55:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.77	47.72
$ 6 Phenol-d5	10.0	2.86	28.55
$ 28 Nitrobenzene-d5	10.0	8.93	89.26
$ 53 2-Fluorobiphenyl	10.0	9.00	90.01
$ 79 2,4,6-Tribromophenol	10.0	12.3	123.40
$ 97 Terphenyl-d14	10.0	5.14	51.36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-12D | Lab Sample ID: 460-331678-7

Matrix: Water | Lab File ID: P94100.D

Analysis Method: 8270E | Date Collected: 07/28/2025 13:50

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 09:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053160 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U *	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	84		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	83		39-145
1718-51-0	Terphenyl-d14 (Surr)	50		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94100.D
Lims ID: 460-331678-E-7-A
Client ID: MW-12D
Sample Type: Client
Inject. Date: 01-Aug-2025 09:13:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-011
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:24:20 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 09:38:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.911	3.916	-0.005	96	533649	8.00	
$ 28 Nitrobenzene-d5	82	4.467	4.476	-0.009	87	991999	8.33	
* 38 Naphthalene-d8	136	5.175	5.179	-0.004	99	2157336	8.00	
$ 53 2-Fluorobiphenyl	172	6.254	6.257	-0.003	98	1984775	8.40	
* 64 Acenaphthene-d10	164	6.899	6.904	-0.005	95	1164090	8.00	
* 88 Phenanthrene-d10	188	8.339	8.344	-0.005	99	2040297	8.00	
$ 97 Terphenyl-d14	244	9.894	9.899	-0.005	98	1092640	4.99	
* 103 Chrysene-d12	240	10.964	10.968	-0.004	99	1199053	8.00	
* 110 Perylene-d12	264	12.721	12.724	-0.003	99	1081443	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

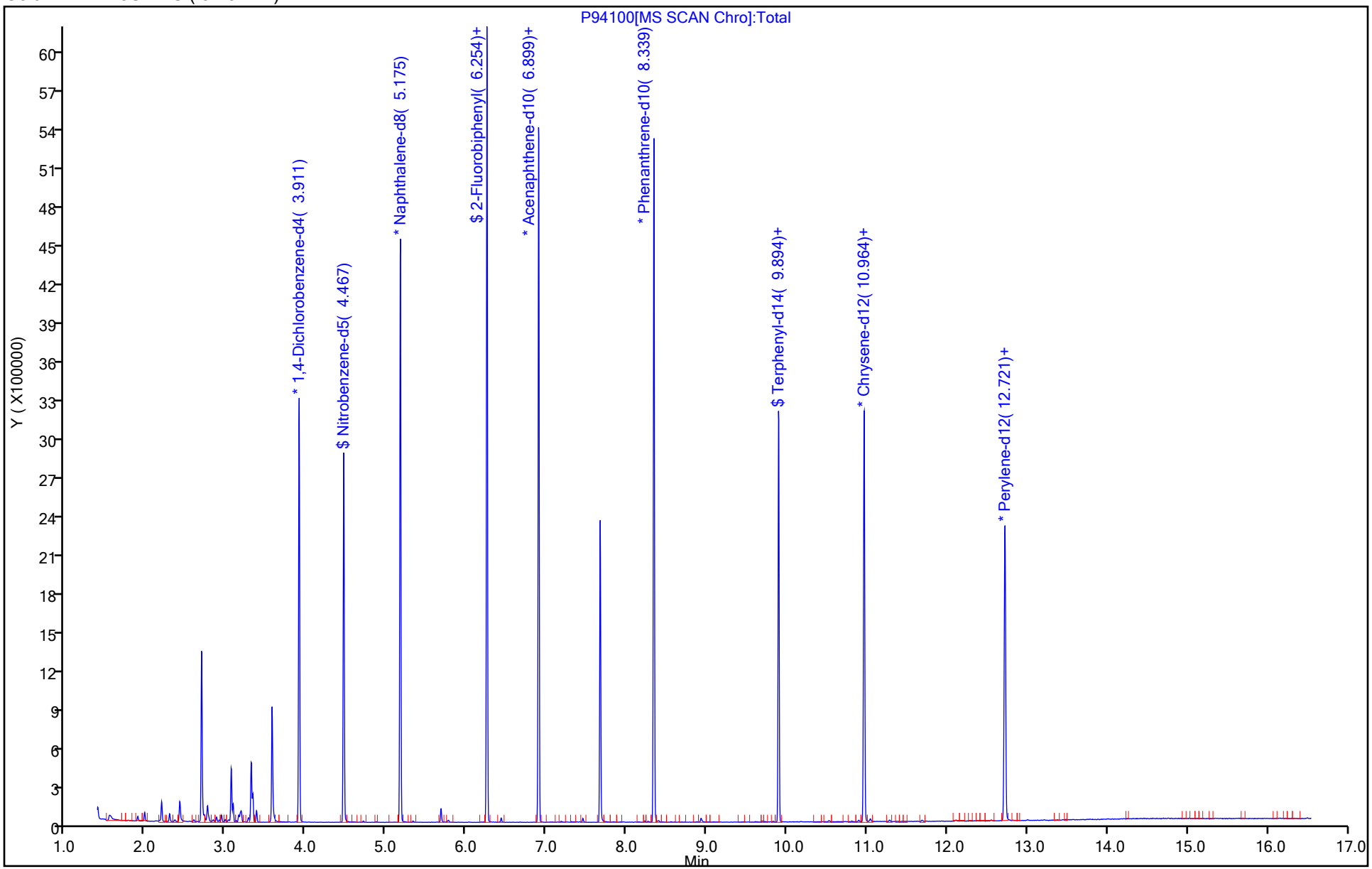
Report Date: 04-Aug-2025 12:27:29 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94100.D

Injection Date:	01-Aug-2025 09:13:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	460-331678-E-7-A	Lab Sample ID:	460-331678-7	Worklist Smp#:	11
Client ID:	MW-12D				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94100.D
Lims ID: 460-331678-E-7-A
Client ID: MW-12D
Sample Type: Client
Inject. Date: 01-Aug-2025 09:13:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-011
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:24:20 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 09:38:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.33	83.25
$ 53 2-Fluorobiphenyl	10.0	8.40	83.97
$ 97 Terphenyl-d14	10.0	4.99	49.91

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: DUP-01 | Lab Sample ID: 460-331678-8

Matrix: Water | Lab File ID: P94101.D

Analysis Method: 8270E | Date Collected: 07/28/2025 00:00

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 09:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053160 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U *	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	87		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	87		39-145
1718-51-0	Terphenyl-d14 (Surr)	46		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94101.D
Lims ID: 460-331678-E-8-A
Client ID: DUP-01
Sample Type: Client
Inject. Date: 01-Aug-2025 09:34:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-012
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:24:20 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 10:54:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.908	3.916	-0.008	96	472972	8.00	
$ 28 Nitrobenzene-d5	82	4.467	4.476	-0.009	87	923907	8.66	
* 38 Naphthalene-d8	136	5.172	5.179	-0.007	99	1932057	8.00	
$ 53 2-Fluorobiphenyl	172	6.255	6.257	-0.002	98	1856313	8.74	
* 64 Acenaphthene-d10	164	6.899	6.904	-0.005	95	1046505	8.00	
* 88 Phenanthrene-d10	188	8.339	8.344	-0.005	99	1828979	8.00	
$ 97 Terphenyl-d14	244	9.894	9.899	-0.005	98	913551	4.60	
* 103 Chrysene-d12	240	10.961	10.968	-0.007	99	1087428	8.00	
* 110 Perylene-d12	264	12.721	12.724	-0.003	99	982717	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

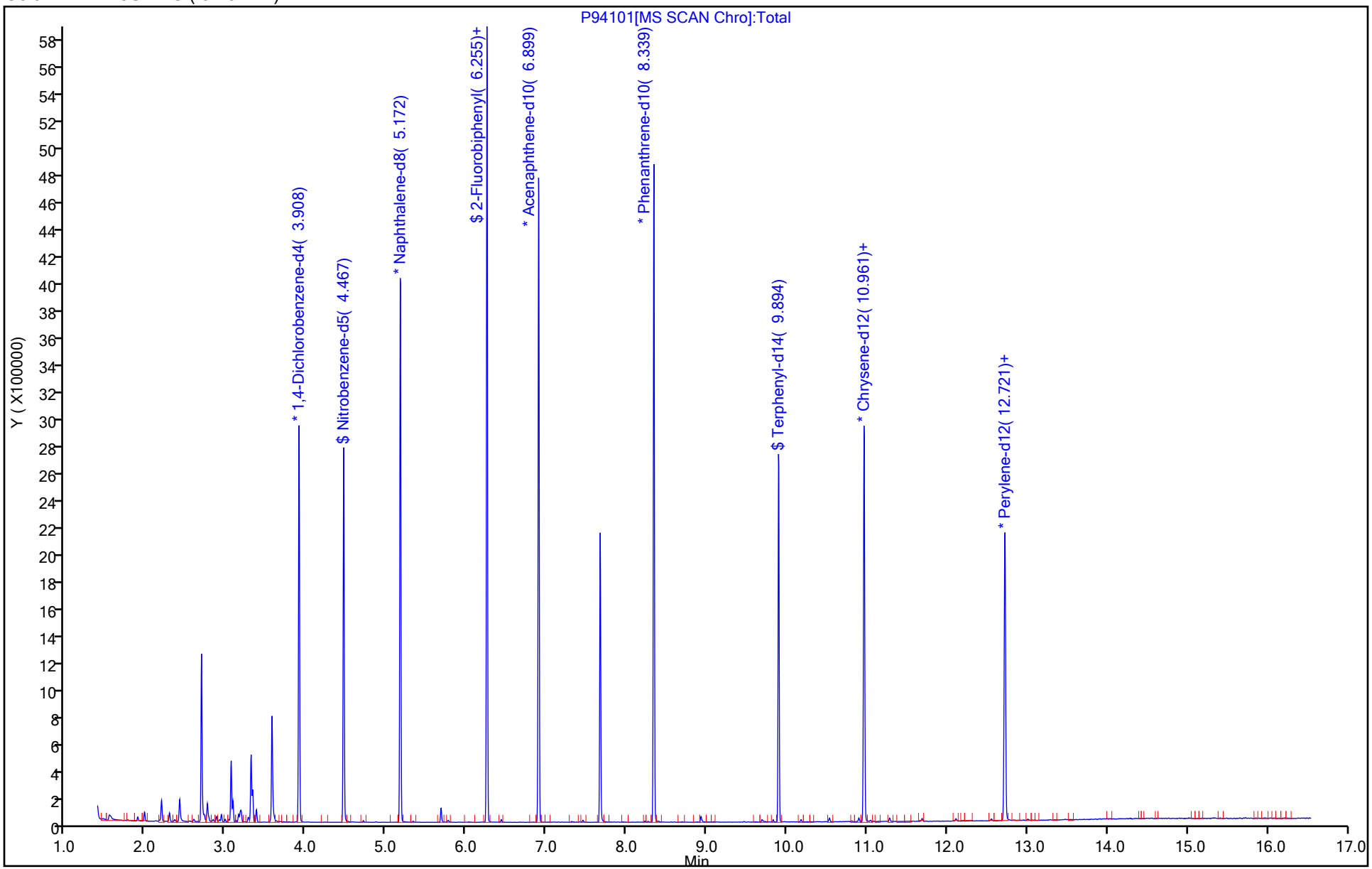
Report Date: 04-Aug-2025 12:27:47 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94101.D

Injection Date:	01-Aug-2025 09:34:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	460-331678-E-8-A	Lab Sample ID:	460-331678-8	Worklist Smp#:	12
Client ID:	DUP-01				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94101.D				
Lims ID:	460-331678-E-8-A				
Client ID:	DUP-01				
Sample Type:	Client				
Inject. Date:	01-Aug-2025 09:34:30	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0194380-012				
Operator ID:		Instrument ID:	CBNAMS18		
Method:	\\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m				
Limit Group:	SV 8270E ICAL				
Last Update:	04-Aug-2025 12:24:20	Calib Date:	02-Jul-2025 14:05:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1602				

First Level Reviewer: QQ8R Date: 01-Aug-2025 10:54:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.66	86.58
$ 53 2-Fluorobiphenyl	10.0	8.74	87.36
$ 97 Terphenyl-d14	10.0	4.60	46.01

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: FB-07282025 | Lab Sample ID: 460-331678-9

Matrix: Water | Lab File ID: P94102.D

Analysis Method: 8270E | Date Collected: 07/28/2025 14:00

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 09:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053160 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U *	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	92		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	92		39-145
1718-51-0	Terphenyl-d14 (Surr)	66		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94102.D
Lims ID: 460-331678-E-9-A
Client ID: FB-07282025
Sample Type: Client
Inject. Date: 01-Aug-2025 09:55:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-013
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:24:20 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 10:54:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.909	3.916	-0.007	96	437967	8.00	
$ 28 Nitrobenzene-d5	82	4.467	4.476	-0.009	87	890384	9.19	
* 38 Naphthalene-d8	136	5.173	5.179	-0.006	99	1754690	8.00	
$ 53 2-Fluorobiphenyl	172	6.255	6.257	-0.002	98	1786552	9.23	
* 64 Acenaphthene-d10	164	6.900	6.904	-0.004	95	953130	8.00	
* 88 Phenanthrene-d10	188	8.340	8.344	-0.004	99	1685832	8.00	
$ 97 Terphenyl-d14	244	9.898	9.899	-0.001	98	1231015	6.61	
* 103 Chrysene-d12	240	10.961	10.968	-0.007	99	1020616	8.00	
* 110 Perylene-d12	264	12.721	12.724	-0.003	99	900545	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

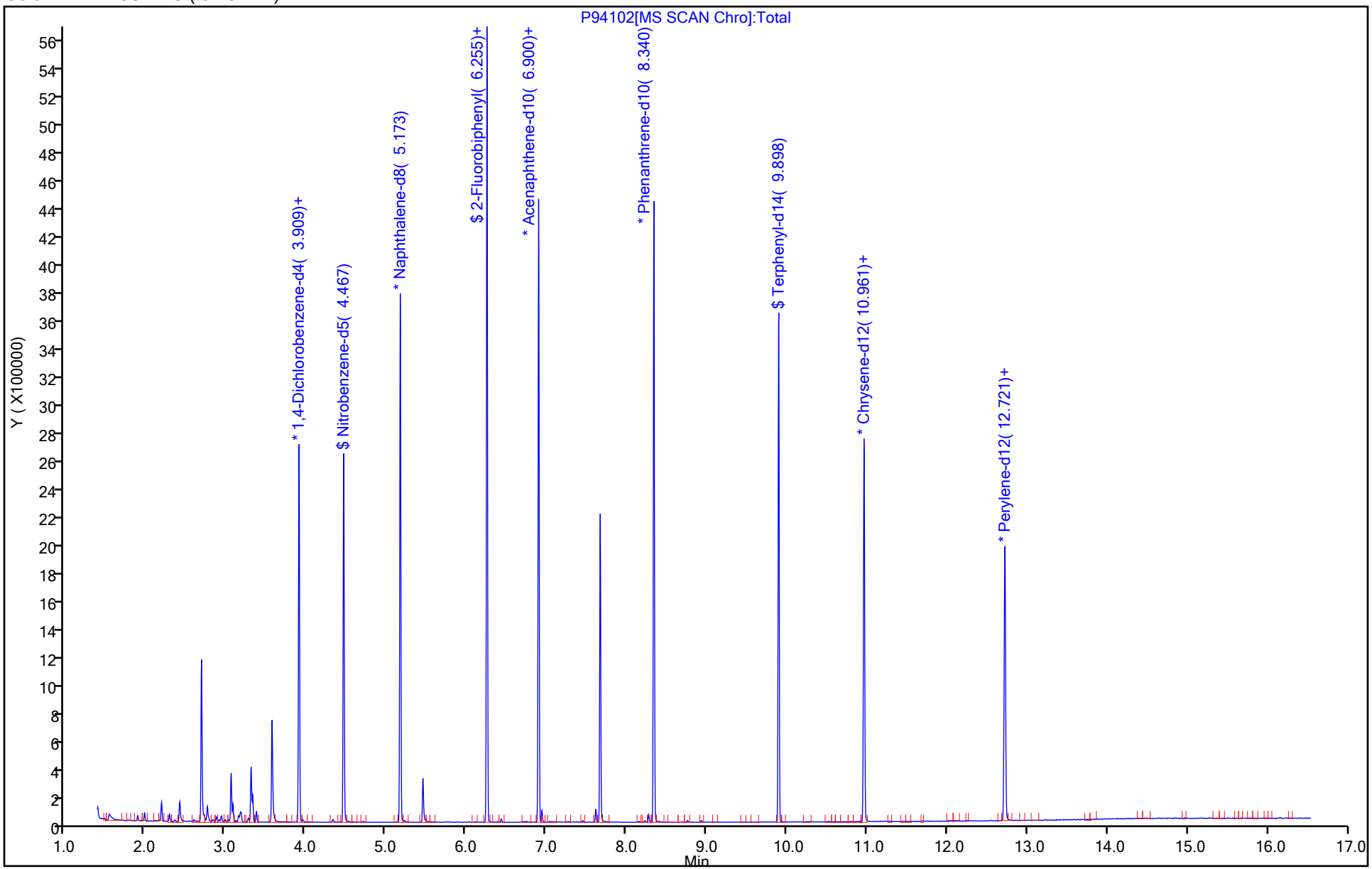
Report Date: 04-Aug-2025 12:28:20 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94102.D

Injection Date:	01-Aug-2025 09:55:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	460-331678-E-9-A	Lab Sample ID:	460-331678-9	Worklist Smp#:	13
Client ID:	FB-07282025				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94102.D
Lims ID: 460-331678-E-9-A
Client ID: FB-07282025
Sample Type: Client
Inject. Date: 01-Aug-2025 09:55:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-013
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:24:20 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 10:54:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	9.19	91.87
$ 53 2-Fluorobiphenyl	10.0	9.23	92.31
$ 97 Terphenyl-d14	10.0	6.61	66.06

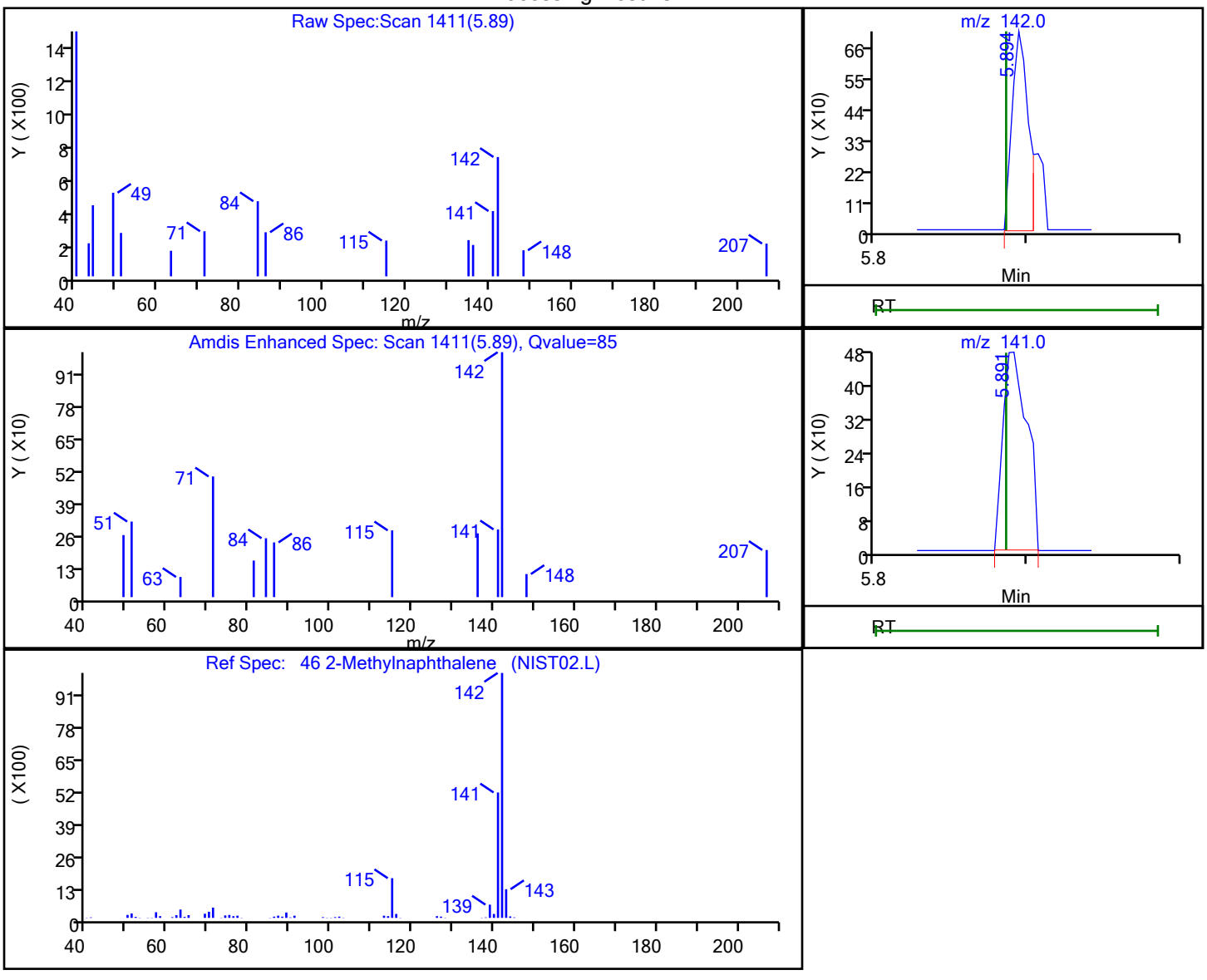
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94102.D				
Injection Date:	01-Aug-2025 09:55:30	Instrument ID:	CBNAMS18		
Lims ID:	460-331678-E-9-A	Lab Sample ID:	460-331678-9		
Client ID:	FB-07282025				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results



RT	Mass	Response	Amount
5.89	142.00	530	0.004052
5.89	141.00	519	

Reviewer: QQ8R, 01-Aug-2025 10:54:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 Calibration End Date: 07/02/2025 14:05 Calibration ID: 101654

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD002 460-1047517/11	P93566.D
Level 2	STD01 460-1047517/10	P93565.D
Level 3	STD02 460-1047517/9	P93564.D
Level 4	STD04 460-1047517/8	P93563.D
Level 5	STD1 460-1047517/7	P93562.D
Level 6	STD2 460-1047517/6	P93561.D
Level 7	STD4 460-1047517/5	P93560.D
Level 8	ICIS 460-1047517/2	P93557.D
Level 9	STD16 460-1047517/4	P93559.D
Level 10	STD24 460-1047517/3	P93558.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
1,4-Dioxane	5.5429 0.6216	1.5029 0.6006	1.2887 0.6142	0.6414	0.6520 0.6283	Lin1	0.0975	0.6180			0.0100				0.9990		0.9900
N-Nitrosodimethylamine	0.9350	0.9487	0.8186 0.9747	1.0178	0.8897 0.9904	Ave		0.9393			0.0100	7.2		20.0			
Pyridine	0.7821 1.6018	1.3231 1.5543	1.2315 1.6150	1.6875	1.5275 1.6169	Ave		1.4377			0.0100	20.0		20.0			
Benzaldehyde	1.3331	1.3091	1.3338 +++++	1.2152 +++++	1.2751 +++++	Ave		1.2933			0.0100	3.8		20.0			
Phenol	1.9755	1.9848	2.0015 2.0117	2.0915	2.0112 2.0063	Ave		2.0118			0.8000	1.9		20.0			
Aniline	1.8723 2.3507	1.9032 2.3752	1.7775 2.3644	2.4118	2.2911 2.3046	Ave		2.1834			0.0100	11.6		20.0			
Bis(2-chloroethyl)ether	1.4488 1.4249	1.4699 1.4502	1.4237 1.4458	1.5266	1.4535 1.4622	Ave		1.4562			0.7000	2.1		20.0			
2-Chlorophenol	1.4441	1.4169	1.3548 1.4168	1.5195	1.4464 1.4556	Ave		1.4363			0.8000	3.5		20.0			
n-Decane	1.5853	1.5376	1.5663 1.5988	1.6830	1.5344 1.5975	Ave		1.5861			0.0100	3.2		20.0			
1,3-Dichlorobenzene	1.6858 1.5117	1.4859	1.5210 1.5163	1.6140	1.5295 1.5462	Ave		1.5513			0.0100	4.3		20.0			
1,4-Dichlorobenzene	1.6051 1.5152	1.4943	1.5463 1.5319	1.6264	1.5375 1.5506	Ave		1.5509			0.0100	2.9		20.0			
Benzyl alcohol	0.7903	0.8431	0.5060 0.8715	0.8980	0.7172 0.8762	Ave		0.7860			0.0100	17.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 Calibration End Date: 07/02/2025 14:05 Calibration ID: 101654

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
1,2-Dichlorobenzene	1.5402 1.4428	1.4139	1.4321 1.4317	1.5239	1.4601 1.4482	Ave		1.4616			0.0100	3.1		20.0			
2-Methylphenol	1.2852	1.3057	1.1700 1.2711	1.3265	1.2538 1.2778	Ave		1.2700			0.7000	3.9		20.0			
2,2'-oxybis[1-chloropropane]	1.9706	1.9374	1.9133 1.9447	1.9997	2.0149 1.9073	Ave		1.9554			0.0100	2.1		20.0			
N-Methylaniline	2.1339 2.2898	2.0268 2.2171	1.9854 2.2812	2.3121	2.2068 2.3328	Ave		2.1984			0.0100	5.7		20.0			
Acetophenone	2.0500	2.0332	2.0024 1.9622	2.0268	2.0336 1.9641	Ave		2.0103			0.0100	1.7		20.0			
N-Nitrosodi-n-propylamine	0.9333 1.0834	0.8881 1.0807	1.0468 1.0365	1.0614	1.0735 0.9878	Ave		1.0213			0.5000	6.9		20.0			
3 & 4 Methylphenol	1.3510	1.3619	1.1994 1.3221	1.3644	1.4028 1.3602	Ave		1.3374			0.0100	4.9		20.0			
4-Methylphenol	1.3121	1.3257	1.1475 1.3072	1.3518	1.3173 1.3424	Ave		1.3006			0.6000	5.3		20.0			
Hexachloroethane	0.6672 0.5772	0.5832 0.5739	0.5684 0.5702	0.6185	0.5654 0.5870	Ave		0.5901			0.3000	5.6		20.0			
Nitrobenzene	0.6478 0.7004	0.7118 0.6927	0.7529 0.6688	0.6931	0.7124 0.6684	Ave		0.6943			0.2000	4.4		20.0			
n,n'-Dimethylaniline	2.1753 2.2930	2.1243 2.2123	2.0078 2.2572	2.3218	2.2472 2.3140	Ave		2.2170			0.0100	4.6		20.0			
Isophorone	0.6822 0.6812	0.6858	0.6573 0.6797	0.7110	0.6745 0.6911	Ave		0.6829			0.4000	2.2		20.0			
2-Nitrophenol	0.1770	0.1854	0.1583 0.1863	0.2008	0.1801 0.1923	Ave		0.1829			0.1000	7.3		20.0			
2,4-Dimethylphenol	0.2918	0.2968	0.2729 0.3033	0.3206	0.2951 0.3113	Ave		0.2988			0.2000	5.1		20.0			
Bis(2-chloroethoxy)methane	0.4199	0.4199	0.4377 0.4231	0.4497	0.4227 0.4344	Ave		0.4296			0.3000	2.6		20.0			
Benzoic acid	0.1203	0.1599	0.1732	0.2069	0.0899 0.2113	Lin2	-0.122	0.1998			0.0100				0.9900		0.9900
2,4-Dichlorophenol	0.2466	0.2498	0.2064 0.2552	0.2738	0.2462 0.2606	Ave		0.2484			0.2000	8.4		20.0			
1,2,4-Trichlorobenzene	0.2390 0.2724	0.2464 0.2555	0.2908 0.2649	0.2889	0.2610 0.2726	Ave		0.2657			0.0100	6.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 Calibration End Date: 07/02/2025 14:05 Calibration ID: 101654

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Naphthalene	1.1400 1.0143	1.0111 1.0248	1.0572 1.0609	1.1218	1.0217 1.0000	Ave		1.0502			0.7000	4.8		20.0			
2,6-Dichlorophenol	0.2437	0.2453	0.2397 0.2430	0.2580	0.2479 0.2512	Ave		0.2470				2.5		20.0			
4-Chloroaniline	0.1907 0.3988	0.3343 0.4040	0.3448 0.3960	0.4131	0.3960 0.3870	Ave		0.3628			0.0100	19.3		20.0			
Hexachlorobutadiene	0.1547 0.1285	0.1344 0.1273	0.1309 0.1337	0.1457	0.1338 0.1403	Ave		0.1366			0.0100	6.5		20.0			
Caprolactam	0.1169	0.1162	0.0825 0.1171	0.0988 0.1192	0.1069 0.1440	Ave		0.1127			0.0100	15.8		20.0			
4-Chloro-3-methylphenol	0.2613	0.2648	0.2191 0.2643	0.2728	0.2569 0.2714	Ave		0.2587			0.2000	7.1		20.0			
2-Methylnaphthalene	0.6819 0.5755	0.5724	0.5810 0.5725	0.6068	0.5965 0.5845	Ave		0.5964			0.4000	6.1		20.0			
1-Methylnaphthalene	0.6514 0.6059	0.5966	0.6211 0.5910	0.6223	0.5973 0.5984	Ave		0.6105			0.0100	3.3		20.0			
Hexachlorocyclopentadiene	0.3836	0.3991	0.3768 0.4485	0.4902	0.3860 0.4621	Ave		0.4209			0.0500	10.8		20.0			
1,2,4,5-Tetrachlorobenzene	0.5296	0.5308	0.5188 0.5587	0.6008	0.5155 0.5722	Ave		0.5466			0.0100	5.8		20.0			
2-tertbutyl-4-methylphenol	0.3543 0.3799	0.3738	0.3399 0.3823	0.3900	0.3691 0.3973	Ave		0.3733			0.0100	5.0		20.0			
2,4,6-Trichlorophenol	0.3367 0.3495	0.3566	0.3140 0.3684	0.3949	0.3441 0.3766	Ave		0.3551			0.2000	7.1		20.0			
2,4,5-Trichlorophenol	0.3666	0.3825	0.3280 0.3848	0.4102	0.3660 0.4020	Ave		0.3771			0.2000	7.2		20.0			
1,1'-Biphenyl	1.9540 1.6961	1.6054 1.6929	1.7296 1.7676	1.8902	1.6706 1.7941	Ave		1.7556			0.0100	6.3		20.0			
2-Chloronaphthalene	1.2454	1.2370	1.2319 1.2963	1.3762	1.2370 1.2858	Ave		1.2728			0.8000	4.1		20.0			
Phenyl ether	0.8634	0.8285	0.8415 0.8962	0.9290	0.8356 0.9117	Ave		0.8723			0.0100	4.6		20.0			
2-Nitroaniline	0.4011	0.4145	0.3749 0.4316	0.4388	0.4045 0.4310	Ave		0.4138			0.0100	5.4		20.0			
1,3-Dimethylnaphthalene	0.9173	0.8963	0.9090 0.9169	0.9632	0.8533 0.9606	Ave		0.9166			0.0100	4.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 Calibration End Date: 07/02/2025 14:05 Calibration ID: 101654

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Dimethyl phthalate	1.2498	1.2447	1.1653 1.2177	1.2847	1.2906 1.2493	Ave		1.2431			0.0100	3.4		20.0			
Coumarin	0.1882	0.1816	0.1727 0.1726	0.1696	0.1808 0.1783	Ave		0.1777			0.0100	3.7		20.0			
2,6-Dinitrotoluene	0.2550 0.2861	0.2872	0.2592 0.2791	0.2926	0.2918 0.2914	Ave		0.2803			0.2000	5.4		20.0			
Acenaphthylene	2.0408	2.0343	1.9490 2.0835	2.2163	2.0283 2.1297	Ave		2.0689			0.9000	4.1		20.0			
3-Nitroaniline	0.3109	0.3157	0.2575 0.3200	0.3345	0.3175 0.3177	Ave		0.3105			0.0100	7.9		20.0			
Acenaphthene	1.1602	1.1532	1.2169 1.1784	1.2317	1.1726 1.1878	Ave		1.1858			0.9000	2.4		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.9460	0.9190	0.7849 0.9947	1.0257	0.8900 1.0218	Ave		0.9403			0.0100	9.1		20.0			
2,4-Dinitrophenol	0.1359	0.0196 0.1528	0.0533 0.1700	0.0746 0.1888	0.1047 0.1859	Qua1	-0.041	0.1550	0.0007609						0.9970		0.9900
4-Nitrophenol	0.2247	0.2414	0.1343 0.2590	0.2745	0.2045 0.2713	Lin2	-0.051	0.2554			0.0100				0.9950		0.9900
Dibenzofuran	1.6771	1.6710	1.6683 1.6668	1.7499	1.6654 1.6799	Ave		1.6826			0.8000	1.8		20.0			
2,4-Dinitrotoluene	0.2103 0.3669	0.3524	0.3185 0.3544	0.3695	0.3449 0.3605	Ave		0.3347			0.2000	15.7		20.0			
2,3,4,6-Tetrachlorophenol	0.2545	0.2565	0.2023 0.2614	0.2776	0.2553 0.2695	Ave		0.2539			0.0100	9.6		20.0			
Diethyl phthalate	1.2217	1.2574	1.2006 1.2159	1.2864	1.2479 1.2597	Ave		1.2414			0.0100	2.4		20.0			
n-Octadecane	0.7000	0.7303	0.6373 0.7844	0.8602	0.6984 0.7951	Ave		0.7437			0.0100	10.0		20.0			
Fluorene	1.3276	1.3016	1.3362 1.3128	1.3740	1.3408 1.3364	Ave		1.3328			0.9000	1.7		20.0			
4-Chlorophenyl phenyl ether	0.5472	0.5372	0.5677 0.5365	0.5624	0.5562 0.5495	Ave		0.5510			0.4000	2.2		20.0			
4-Nitroaniline	0.2544	0.2614	0.1502 0.2758	0.2878	0.2312 0.2925	Ave		0.2505			0.0100	19.5		20.0			
4,6-Dinitro-2-methylphenol	0.1231	0.1263	0.0717 0.1372	0.1494	0.1080 0.1431	Lin2	-0.027	0.1362			0.0100				0.9940		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 Calibration End Date: 07/02/2025 14:05 Calibration ID: 101654

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
N-Nitrosodiphenylamine	0.6040	0.6085	0.5271 0.6138	0.6650	0.5919 0.6286	Ave		0.6056			0.0100	6.9		20.0			
1,2-Diphenylhydrazine	0.9668 1.0164	0.8867 1.0389	0.9618 1.0872	1.1620	1.0122 1.1109	Ave		1.0270			0.0100	8.2		20.0			
Azobenzene	1.0164	1.0393	0.9682 1.0872	1.1620	1.0122 1.1109	Ave		1.0566				6.3		20.0			
4-Bromophenyl phenyl ether	0.1918	0.2046	0.1832 0.2034	0.2208	0.2035 0.2101	Ave		0.2025			0.1000	6.0		20.0			
Hexachlorobenzene	0.2901 0.2273	0.2136 0.2312	0.2174 0.2333	0.2573	0.2321 0.2433	Ave		0.2384			0.1000	9.8		20.0			
Atrazine	0.1277 0.1709	0.1750	0.1399 0.1861	0.1500 0.2010	0.1625 0.1868	Ave		0.1667			0.0100	14.4		20.0			
Pentachlorophenol	0.1260	0.1344	0.0866 0.1418	0.1604	0.1170 0.1565	Ave		0.1318			0.0500	19.2		20.0			
Pentachloronitrobenzene	0.0577	0.0581	0.0555 0.0616	0.0644	0.0534 0.0655	Ave		0.0595			0.0100	7.6		20.0			
Phenanthrene	1.0812	1.0714	1.0508 1.1008	1.1760	1.1138 1.1177	Ave		1.1017			0.7000	3.7		20.0			
Anthracene	1.1067	1.0901	1.0512 1.1516	1.2242	1.0846 1.1669	Ave		1.1250			0.7000	5.2		20.0			
Carbazole	0.9143	0.9320	0.8526 0.9893	1.0663	0.9020 0.9974	Ave		0.9506			0.0100	7.5		20.0			
Di-n-butyl phthalate	1.0004	1.0434	0.8864 1.1587	1.2486	0.9731 1.2009	Ave		1.0731			0.0100	12.4		20.0			
Fluoranthene	0.8830	0.8673	0.8434 0.9524	1.0111	0.8676 0.9621	Ave		0.9124			0.6000	6.9		20.0			
Benzidine	0.1137 0.4200	0.4297	0.1615 0.4224	0.2390 0.5567	0.3493 +++++	Qua1	-0.008	0.3408	0.0126583						0.9940		0.9900
Pyrene	2.0113 1.7355	1.8261	1.8216 1.8010	1.9134	1.8544 1.7721	Ave		1.8419			0.6000	4.7		20.0			
Bisphenol-A	0.6098	0.6204	0.6294	0.7057	0.6577 0.6737	Ave		0.6495				5.6		20.0			
Butyl benzyl phthalate	0.6631	0.7157	0.5262 0.7776	0.8332	0.6195 0.7949	Ave		0.7043			0.0100	15.4		20.0			
2,3,7,8-TCDD			0.2189			Ave		0.2189			0.0100			20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 Calibration End Date: 07/02/2025 14:05 Calibration ID: 101654

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Carbamazepine	0.3386	0.4091	0.1779 0.5047	0.5868	0.2570 0.5809	Qua2	-0.036	0.3458	0.0120213						0.9900		0.9900
3,3'-Dichlorobenzidine	0.2331 0.4586	0.4805	0.2688 0.5180	0.5659	0.4190 0.5334	Qua1	-0.010	0.4918	0.0024087						0.9970		0.9900
Benzo[a]anthracene	2.4301 1.3080	1.4975 1.3379	1.3541 1.3557	1.4701	1.3024 1.3870	Lin2	0.0215	1.3335			0.8000				0.9970		0.9900
Chrysene	1.5005 1.1708	1.2422	1.2732 1.2465	1.3496	1.2287 1.2541	Ave		1.2832			0.7000	7.9		20.0			
Bis(2-ethylhexyl) phthalate	0.8059 0.9244	1.0130	0.6401 1.1323	1.2251	0.8553 +++++	Qua2	0	0.8056	0.0293484						0.9920		0.9900
Di-n-octyl phthalate	1.3294	1.5154	0.9735 1.7036	1.8277	1.1693 1.8807	Qua2	-0.083	1.3604	0.0254656						0.9970		0.9900
Benzo[b]fluoranthene	1.4848 1.1509	1.0308 1.1912	1.0667 1.1990	1.2856	1.1530 1.2884	Qua2	0.0074	1.0854	0.0102460						0.9970		0.9900
Benzo[k]fluoranthene	1.2278 1.2324	1.0362 1.2422	1.2239 1.2945	1.3485	1.1895 1.3257	Ave		1.2356			0.7000	7.4		20.0			
Benzo[a]pyrene	0.9610 1.0774	0.8922 1.0809	0.9155 1.1562	1.2375	1.0370 1.2098	Ave		1.0630			0.7000	11.7		20.0			
Indeno[1,2,3-cd]pyrene	0.9896 1.0182	0.9168 1.0981	0.8959 1.1592	1.2352	1.0111 1.2692	Ave		1.0659			0.5000	12.5		20.0			
Dibenz(a,h)anthracene	0.8993 1.0597	0.9541 1.0893	0.9967 1.1381	1.2324	1.0362 1.2287	Ave		1.0705			0.4000	10.7		20.0			
Benzo[g,h,i]perylene	1.0459 1.0508	0.9265 1.0733	0.9752 1.1352	1.2063	1.0080 1.2264	Ave		1.0720			0.5000	9.4		20.0			
2-Fluorophenol (Surr)	1.4607 1.5660	1.5167 1.4904	1.5264 1.4010	1.5633 1.4529	1.5670 1.6438	Ave		1.5188			0.0100	4.6		20.0			
Phenol-d5 (Surr)	1.9030 2.0870	2.0184 1.9666	2.0244 1.7957	2.0527 1.8052	2.0841 2.0774	Ave		1.9814			0.0100	5.6		20.0			
Nitrobenzene-d5 (Surr)	0.4354 0.4479	0.4568 0.4303	0.4516 0.4067	0.4538 0.4174	0.4465 0.4722	Ave		0.4419			0.0100	4.4		20.0			
2-Fluorobiphenyl	1.5715 1.6622	1.6436 1.5839	1.6108 1.5262	1.6553 1.5841	1.6408 1.7660	Ave		1.6245			0.0100	4.0		20.0			
2,4,6-Tribromophenol (Surr)	0.2084 0.2156	0.2184 0.2048	0.2176 0.1858	0.2273 0.1907	0.2188 0.2151	Ave		0.2103			0.0100	6.2		20.0			
Terphenyl-d14 (Surr)	1.4604 1.4987	1.5273 1.4372	1.5119 1.2750	1.5508 1.3248	1.5231 1.4970	Ave		1.4606			0.0100	6.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 | Calibration End Date: 07/02/2025 14:05 | Calibration ID: 101654

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD002 460-1047517/11	P93566.D
Level 2	STD01 460-1047517/10	P93565.D
Level 3	STD02 460-1047517/9	P93564.D
Level 4	STD04 460-1047517/8	P93563.D
Level 5	STD1 460-1047517/7	P93562.D
Level 6	STD2 460-1047517/6	P93561.D
Level 7	STD4 460-1047517/5	P93560.D
Level 8	ICIS 460-1047517/2	P93557.D
Level 9	STD16 460-1047517/4	P93559.D
Level 10	STD24 460-1047517/3	P93558.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,4-Dioxane	DCBd4	Lin1	10850 122440	15372 261451	27025 710554	 1033718	64832 1459854	0.0200 2.00	0.100 4.00	0.200 10.0	 16.0	1.00 24.0
N-Nitrosodimethylamine	DCBd4	Ave	 184188	 413006	17166 1127656	 1640406	88478 2301206	 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
Pyridine	DCBd4	Ave	3062 631050	27066 1353251	51650 3736837	 5439427	303787 7513407	0.0400 4.00	0.200 8.00	0.400 20.0	 32.0	2.00 48.0
Benzaldehyde	DCBd4	Ave	 262598	 455914	27971 +++++	49674 +++++	126797 +++++	 2.00	 3.20	0.200 +++++	0.400 +++++	1.00 +++++
Phenol	DCBd4	Ave	 389154	 864012	41973 2327398	 3370981	199998 4661490	 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
Aniline	DCBd4	Ave	3665 463055	19467 1033957	37275 2735418	 3887166	227837 5354581	0.0200 2.00	0.100 4.00	0.200 10.0	 16.0	1.00 24.0
Bis(2-chloroethyl)ether	DCBd4	Ave	2836 280676	15035 631288	29856 1672732	 2460453	144537 3397268	0.0200 2.00	0.100 4.00	0.200 10.0	 16.0	1.00 24.0
2-Chlorophenol	DCBd4	Ave	 284467	 616781	28411 1639144	 2448947	143833 3382098	 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
n-Decane	DCBd4	Ave	 312280	 669340	32847 1849715	 2712475	152583 3711589	 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
1,3-Dichlorobenzene	DCBd4	Ave	3300 297780	 646846	31896 1754282	 2601300	152100 3592530	0.0200 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
1,4-Dichlorobenzene	DCBd4	Ave	3142 298477	 650492	32427 1772320	 2621285	152893 3602726	0.0200 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
Benzyl alcohol	DCBd4	Ave	 155677	 367035	10611 1008262	 1447392	71317 2035712	 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
1,2-Dichlorobenzene	DCBd4	Ave	3015 284214	 615492	30032 1656384	 2456131	145200 3364734	0.0200 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
2-Methylphenol	DCBd4	Ave	 253166	 568389	24535 1470595	 2138001	124678 2968831	 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 | Calibration End Date: 07/02/2025 14:05 | Calibration ID: 101654

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2,2'-oxybis[1-chloropropane]	DCBd4	Ave	388178	843392	40124 2249834	3222996	200362 4431542	2.00	4.00	0.200 10.0	16.0	1.00 24.0
N-Methylaniline	DCBd4	Ave	4177 451068	20731 965144	41635 2639163	3726401	219448 5420122	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
Acetophenone	DCBd4	Ave	403827	885110	41992 2270140	3266603	202221 4563522	2.00	4.00	0.200 10.0	16.0	1.00 24.0
N-Nitrosodi-n-propylamine	DCBd4	Ave	1827 213419	9084 470452	21953 1199186	1710762	106756 2295061	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
3 & 4 Methylphenol	DCBd4	Ave	266127	592847	25152 1529562	2198987	139497 3160407	2.00	4.00	0.200 10.0	16.0	1.00 24.0
4-Methylphenol	DCBd4	Ave	258475	577095	24065 1512285	2178651	130994 3118898	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Hexachloroethane	DCBd4	Ave	1306 113701	5965 249837	11920 659680	996787	56221 1363808	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
Nitrobenzene	DCBd4	Ave	1268 137970	7281 301537	15789 773788	1117132	70844 1553100	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
n,n'-Dimethylaniline	DCBd4	Ave	4258 451693	21728 963047	42105 2611399	3742184	223463 5376499	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
Isophorone	NPT	Ave	5370 543942	1205300	54289 3008812	4304838	273280 6103169	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
2-Nitrophenol	NPT	Ave	141351	325879	13072 824804	1215610	72977 1698275	2.00	4.00	0.200 10.0	16.0	1.00 24.0
2,4-Dimethylphenol	NPT	Ave	233009	521555	22544 1342708	1940995	119577 2749225	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Bis(2-chloroethoxy)methane	NPT	Ave	335313	737914	36151 1873171	2722651	171241 3836053	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Benzoic acid	NPT	Lin2	96076	281075	766513	1252790	36430 1865920	2.00	4.00	10.0	16.0	1.00 24.0
2,4-Dichlorophenol	NPT	Ave	196903	439048	17047 1129798	1657455	99730 2301099	2.00	4.00	0.200 10.0	16.0	1.00 24.0
1,2,4-Trichlorobenzene	NPT	Ave	1881 217541	10052 449029	24024 1172854	1749182	105745 2407562	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
Naphthalene	NPT	Ave	8974 809882	41248 1801043	87321 4696301	6791959	413946 8831332	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
2,6-Dichlorophenol	NPT	Ave	194630	431146	19800 1075621	1562236	100435 2218454	2.00	4.00	0.200 10.0	16.0	1.00 24.0
4-Chloroaniline	NPT	Ave	1501 318476	13637 710058	28480 1753147	2501263	160454 3417836	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
Hexachlorobutadiene	NPT	Ave	1218 102619	5481 223713	10812 591927	881973	54189 1239368	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
Caprolactam	NPT	Ave			6818	16457	43323			0.200	0.400	1.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 | Calibration End Date: 07/02/2025 14:05 | Calibration ID: 101654

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
			93328	163410	207292	216432	339198	2.00	3.20	4.00	4.80	6.40
4-Chloro-3-methylphenol	NPT	Ave	208679	465291	18094 1169967	1651803	104098 2396990	2.00	4.00	0.200 10.0	16.0	1.00 24.0
2-Methylnaphthalene	NPT	Ave	5368 459523	1005879	47992 2534437	3673614	241651 5161482	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
1-Methylnaphthalene	NPT	Ave	5128 483826	1048514	51303 2616390	3767651	241994 5284375	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
Hexachlorocyclopentadiene	ANT	Ave	133888	303725	14071 803697	1178850	70073 1659240	2.00	4.00	0.200 10.0	16.0	1.00 24.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	184860	403981	19376 1001136	1444713	93587 2054518	2.00	4.00	0.200 10.0	16.0	1.00 24.0
2-tertbutyl-4-methylphenol	NPT	Ave	2789 303317	656906	28078 1692570	2361185	149526 3508593	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
2,4,6-Trichlorophenol	ANT	Ave	1215 122009	271412	11727 660115	949638	62468 1352461	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
2,4,5-Trichlorophenol	ANT	Ave	127952	291152	12248 689427	986460	66441 1443389	2.00	4.00	0.200 10.0	16.0	1.00 24.0
1,1'-Biphenyl	ANT	Ave	7051 592012	29503 1288489	64591 3167265	4545233	303294 6442433	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
2-Chloronaphthalene	ANT	Ave	434720	941494	46003 2322790	3309120	224577 4617126	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Phenyl ether	ANT	Ave	301365	630570	31424 1605850	2233764	151704 3273885	2.00	4.00	0.200 10.0	16.0	1.00 24.0
2-Nitroaniline	ANT	Ave	140008	315490	14002 773413	1055072	73432 1547516	2.00	4.00	0.200 10.0	16.0	1.00 24.0
1,3-Dimethylnaphthalene	ANT	Ave	320166	682149	33946 1642901	2316185	154917 3449153	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Dimethyl phthalate	ANT	Ave	436226	947304	43518 2181890	3089142	234305 4485969	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Coumarin	NPT	Ave	150269	319143	14266 763846	1026535	73262 1574816	2.00	4.00	0.200 10.0	16.0	1.00 24.0
2,6-Dinitrotoluene	ANT	Ave	920 99877	218549	9681 500140	703705	52977 1046397	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
Acenaphthylene	ANT	Ave	712347	1548274	72784 3733463	5329325	368218 7647512	2.00	4.00	0.200 10.0	16.0	1.00 24.0
3-Nitroaniline	ANT	Ave	108512	240277	9617 573408	804305	57636 1140820	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Acenaphthene	ANT	Ave	404959	877655	45443 2111612	2961745	212869 4265145	2.00	4.00	0.200 10.0	16.0	1.00 24.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	330184	699478	29310 1782350	2466388	161566 3669126	2.00	4.00	0.200 10.0	16.0	1.00 24.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 | Calibration End Date: 07/02/2025 14:05 | Calibration ID: 101654

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2,4-Dinitrophenol	ANT	Qua1		720	3978	11171	38002		0.200	0.400	0.800	2.00
			94879	232608	609317	908070	1334867	4.00	8.00	20.0	32.0	48.0
4-Nitrophenol	ANT	Lin2			10032		74260			0.400		2.00
			156895	367448	928311	1320182	1948329	4.00	8.00	20.0	32.0	48.0
Dibenzofuran	ANT	Ave			62303		302341			0.200		1.00
			585385	1271820	2986729	4207894	6032318	2.00	4.00	10.0	16.0	24.0
2,4-Dinitrotoluene	ANT	Ave	759		11895		62616	0.0200		0.200		1.00
			128067	268219	635036	888415	1294412	2.00	4.00	10.0	16.0	24.0
2,3,4,6-Tetrachlorophenol	ANT	Ave			7553		46356			0.200		1.00
			88823	195213	468328	667603	967743	2.00	4.00	10.0	16.0	24.0
Diethyl phthalate	ANT	Ave			44834		226547			0.200		1.00
			426442	956991	2178792	3093198	4523410	2.00	4.00	10.0	16.0	24.0
n-Octadecane	PHN	Ave			36940		190385			0.200		1.00
			364061	802823	2011343	2867687	4084294	2.00	4.00	10.0	16.0	24.0
Fluorene	ANT	Ave			49901		243409			0.200		1.00
			463388	990618	2352319	3303851	4798680	2.00	4.00	10.0	16.0	24.0
4-Chlorophenyl phenyl ether	ANT	Ave			21201		100974			0.200		1.00
			190997	408830	961269	1352440	1973153	2.00	4.00	10.0	16.0	24.0
4-Nitroaniline	ANT	Ave			5608		41966			0.200		1.00
			88794	198961	494146	692148	1050289	2.00	4.00	10.0	16.0	24.0
4,6-Dinitro-2-methylphenol	PHN	Lin2			8313		58899			0.400		2.00
			128059	277664	703791	996084	1469812	4.00	8.00	20.0	32.0	48.0
N-Nitrosodiphenylamine	PHN	Ave			30551		161351			0.200		1.00
			314153	668929	1573889	2216956	3229243	2.00	4.00	10.0	16.0	24.0
1,2-Diphenylhydrazine	PHN	Ave	5596	25811	55749		275940	0.0200	0.100	0.200		1.00
			528647	1142048	2788005	3873765	5706571	2.00	4.00	10.0	16.0	24.0
Azobenzene	PHN	Ave			56118		275940			0.200		1.00
			528647	1142439	2787913	3873783	5706571	2.00	4.00	10.0	16.0	24.0
4-Bromophenyl phenyl ether	PHN	Ave			10618		55470			0.200		1.00
			99772	224902	521577	736099	1079006	2.00	4.00	10.0	16.0	24.0
Hexachlorobenzene	PHN	Ave	1679	6219	12602		63269	0.0200	0.100	0.200		1.00
			118219	254182	598319	857864	1249822	2.00	4.00	10.0	16.0	24.0
Atrazine	PHN	Ave	739		8109	17668	44308	0.0200		0.200	0.400	1.00
			88890	153925	190873	201051	255914	2.00	3.20	4.00	4.80	6.40
Pentachlorophenol	PHN	Ave			10038		63795			0.400		2.00
			131061	295557	727109	1069252	1607988	4.00	8.00	20.0	32.0	48.0
Pentachloronitrobenzene	PHN	Ave			3218		14550			0.200		1.00
			30006	63825	157866	214798	336636	2.00	4.00	10.0	16.0	24.0
Phenanthrene	PHN	Ave			60906		303639			0.200		1.00
			562333	1177772	2822795	3920223	5741423	2.00	4.00	10.0	16.0	24.0
Anthracene	PHN	Ave			60934		295679			0.200		1.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 | Calibration End Date: 07/02/2025 14:05 | Calibration ID: 101654

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
			575586	1198299	2952991	4080903	5994055	2.00	4.00	10.0	16.0	24.0
Carbazole	PHN	Ave	475544	1024492	49419 2536931	3554719	245912 5123432	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Di-n-butyl phthalate	PHN	Ave	520334	1146958	51380 2971239	4162489	265286 6168697	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Fluoranthene	PHN	Ave	459228	953434	48886 2442301	3370763	236535 4941988	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Benzidine	PHN	Qua1	658 218417	472303	9364 1083208	28153 1855996	95239 +++++	0.0200 2.00	4.00	0.200 10.0	0.400 16.0	1.00 +++++
Pyrene	CRY	Ave	5316 460986	971732	50152 2462454	3425722	243722 4917149	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
Bisphenol-A	CRY	Ave	161988	330119	860572	1263418	86440 1869465	2.00	4.00	10.0	16.0	1.00 24.0
Butyl benzyl phthalate	CRY	Ave	176125	380849	14488 1063207	1491806	81426 2205553	2.00	4.00	0.200 10.0	16.0	1.00 24.0
2,3,7,8-TCDD	CRY	Ave			2993					0.100		
Carbamazepine	CRY	Qua2	89927	217702	4898 690072	1050528	33783 1611902	2.00	4.00	0.200 10.0	16.0	1.00 24.0
3,3'-Dichlorobenzidine	CRY	Qua1	616 121821	255718	7400 708304	1013197	55072 1479993	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
Benzo[a]anthracene	CRY	Lin2	6423 347430	20269 711946	37281 1853677	2631962	171171 3848564	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
Chrysene	CRY	Ave	3966 310979	661001	35055 1704283	2416294	161489 3479694	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
Bis(2-ethylhexyl) phthalate	CRY	Qua2	2130 245526	539057	17624 1548258	2193348	112408 +++++	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 +++++
Di-n-octyl phthalate	PRY	Qua2	331096	770959	24433 2256772	3328031	143926 4964487	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Benzo[b]fluoranthene	PRY	Qua2	3535 286653	12687 606049	26774 1588333	2340874	141917 3400906	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
Benzo[k]fluoranthene	PRY	Ave	2923 306941	12754 631983	30719 1714811	2455555	146420 3499268	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
Benzo[a]pyrene	PRY	Ave	2288 268335	10981 549915	22977 1531629	2253422	127643 3193503	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	2356 253591	11284 558694	22486 1535677	2249244	124459 3350132	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
Dibenz(a,h)anthracene	PRY	Ave	2141 263926	11743 554188	25016 1507706	2244101	127547 3243221	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
Benzo[g,h,i]perylene	PRY	Ave	2490 261730	11404 546061	24476 1503878	2196595	124070 3237372	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 | Calibration End Date: 07/02/2025 14:05 | Calibration ID: 101654

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2-Fluorophenol (Surr)	DCBd4	Ave	1429655	1551304	1600507	1597640	1558235	10.0	10.0	10.0	10.0	10.0
			1542400	1621983	1620846	1463514	1591349	10.0	10.0	10.0	10.0	10.0
Phenol-d5 (Surr)	DCBd4	Ave	1862498	2064445	2122707	2097795	2072447	10.0	10.0	10.0	10.0	10.0
			2055572	2140201	2077542	1818396	2011162	10.0	10.0	10.0	10.0	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	1713518	1863441	1865092	1890798	1809155	10.0	10.0	10.0	10.0	10.0
			1788294	1890508	1800414	1579507	1737489	10.0	10.0	10.0	10.0	10.0
2-Fluorobiphenyl	ANT	Ave	2835454	3020591	3007722	3096920	2978849	10.0	10.0	10.0	10.0	10.0
			2900872	3013777	2734795	2380754	2642221	10.0	10.0	10.0	10.0	10.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	375952	401432	406233	425282	397181	10.0	10.0	10.0	10.0	10.0
			376326	389743	332899	286636	321845	10.0	10.0	10.0	10.0	10.0
Terphenyl-d14 (Surr)	CRY	Ave	1929984	2067220	2081211	2163215	2001790	10.0	10.0	10.0	10.0	10.0
			1990482	1911939	1743247	1482441	1730682	10.0	10.0	10.0	10.0	10.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1047517

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil M ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/02/2025 10:53 | Calibration End Date: 07/02/2025 14:05 | Calibration ID: 101654

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD002 460-1047517/11	P93566.D
Level 2	STD01 460-1047517/10	P93565.D
Level 3	STD02 460-1047517/9	P93564.D
Level 4	STD04 460-1047517/8	P93563.D
Level 5	STD1 460-1047517/7	P93562.D
Level 6	STD2 460-1047517/6	P93561.D
Level 7	STD4 460-1047517/5	P93560.D
Level 8	ICIS 460-1047517/2	P93557.D
Level 9	STD16 460-1047517/4	P93559.D
Level 10	STD24 460-1047517/3	P93558.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
1,4-Dioxane	7.7						30					
Benzoic acid					5.8						30	
4-Nitrophenol			2.6						30			
4,6-Dinitro-2-methylphenol			2.6						30			
Benzo[a]anthracene	1.5						30					

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93557.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 02-Jul-2025 10:53:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0193105-002
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 07-Jul-2025 16:12:47 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: LKI7 Date: 07-Jul-2025 16:12:36

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.608	1.608	0.000	95	710554	10.0	9.78	
	2 N-Nitrosodimethylamine	74	1.793	1.793	0.000	90	1127656	10.0	10.4	
	3 Pyridine	79	1.819	1.819	0.000	93	3736837	20.0	22.5	
$	4 2-Fluorophenol	112	2.786	2.786	0.000	94	1620846	10.0	9.22	
	5 Benzaldehyde	77	3.588	3.588	0.000	96	224683	4.00	1.50	
$	6 Phenol-d5	99	3.674	3.674	0.000	0	2077542	10.0	9.06	
	7 Phenol	94	3.687	3.687	0.000	96	2327398	10.0	10.0	
	8 Aniline	93	3.700	3.700	0.000	99	2735418	10.0	10.8	
	9 Bis(2-chloroethyl)ether	93	3.764	3.764	0.000	96	1672732	10.0	9.93	
	10 Benzonitrile	103	3.783	3.783	0.000	99	3371542	NC	NC	
	11 2-Chlorophenol	128	3.809	3.809	0.000	94	1639144	10.0	9.86	
	12 n-Decane	43	3.853	3.853	0.000	90	1849715	10.0	10.1	
	13 1,3-Dichlorobenzene	146	3.952	3.952	0.000	94	1754282	10.0	9.77	
*	14 1,4-Dichlorobenzene-d4	152	4.007	4.007	0.000	97	925545	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.023	4.023	0.000	93	1772320	10.0	9.88	
	17 Benzyl alcohol	108	4.157	4.157	0.000	92	1008262	10.0	11.1	
	18 1,2-Dichlorobenzene	146	4.170	4.170	0.000	94	1656384	10.0	9.80	
	20 2-Methylphenol	108	4.269	4.269	0.000	89	1470595	10.0	10.0	
	21 2,2'-oxybis[1-chloropropane]	45	4.279	4.279	0.000	93	2249834	10.0	9.95	
	22 N-Methylaniline	106	4.397	4.397	0.000	92	2639163	10.0	10.4	a
	23 Acetophenone	105	4.410	4.410	0.000	93	2270140	10.0	9.76	
	24 N-Nitrosodi-n-propylamine	70	4.413	4.413	0.000	88	1199186	10.0	10.1	
	26 4-Methylphenol	108	4.426	4.426	0.000	92	1512285	10.0	10.1	
	25 3 & 4 Methylphenol	108	4.426	4.426	0.000	0	1529562	10.0	9.89	
	27 Hexachloroethane	117	4.490	4.490	0.000	92	659680	10.0	9.66	
$	28 Nitrobenzene-d5	82	4.550	4.550	0.000	88	1800414	10.0	9.20	
	29 Nitrobenzene	123	4.570	4.570	0.000	90	773788	10.0	9.63	
	30 n,n'-Dimethylaniline	120	4.570	4.570	0.000	87	2611399	10.0	10.2	
	31 Isophorone	82	4.800	4.800	0.000	100	3008812	10.0	9.95	
	32 2-Nitrophenol	139	4.873	4.873	0.000	89	824804	10.0	10.2	
	33 2,4-Dimethylphenol	122	4.931	4.931	0.000	91	1342708	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.020	5.020	0.000	99	1873171	10.0	9.85	
35 Benzoic acid	122	5.072	5.072	0.000	89	766513	10.0	9.27	
36 2,4-Dichlorophenol	162	5.110	5.110	0.000	94	1129798	10.0	10.3	
37 1,2,4-Trichlorobenzene	180	5.180	5.180	0.000	94	1172854	10.0	9.97	
* 38 Naphthalene-d8	136	5.232	5.232	0.000	99	3541441	8.00	8.00	
39 Naphthalene	128	5.254	5.254	0.000	99	4696301	10.0	10.1	
40 4-Chloroaniline	127	5.321	5.321	0.000	91	1753147	10.0	10.9	
41 2,6-Dichlorophenol	162	5.321	5.321	0.000	87	1075621	10.0	9.84	
42 Hexachlorobutadiene	225	5.376	5.376	0.000	92	591927	10.0	9.79	
44 Caprolactam	55	5.660	5.660	0.000	92	207292	4.00	4.15	
45 4-Chloro-3-methylphenol	107	5.801	5.801	0.000	97	1169967	10.0	10.2	
46 2-Methylnaphthalene	142	5.916	5.916	0.000	94	2534437	10.0	9.60	
47 1-Methylnaphthalene	142	6.009	6.009	0.000	93	2616390	10.0	9.68	
48 Hexachlorocyclopentadiene	237	6.066	6.066	0.000	95	803697	10.0	10.7	
49 1,2,4,5-Tetrachlorobenzene	216	6.076	6.076	0.000	94	1001136	10.0	10.2	
50 2-tertbutyl-4-methylphenol	149	6.130	6.130	0.000	90	1692570	10.0	10.2	
51 2,4,6-Trichlorophenol	196	6.195	6.195	0.000	86	660115	10.0	10.4	
52 2,4,5-Trichlorophenol	196	6.227	6.227	0.000	92	689427	10.0	10.2	
$ 53 2-Fluorobiphenyl	172	6.275	6.275	0.000	97	2734795	10.0	9.40	
54 1,1'-Biphenyl	154	6.364	6.364	0.000	97	3167265	10.0	10.1	
55 2-Chloronaphthalene	162	6.377	6.377	0.000	98	2322790	10.0	10.2	
56 Phenyl ether	170	6.467	6.467	0.000	89	1605850	10.0	10.3	
57 2-Nitroaniline	65	6.489	6.489	0.000	95	773413	10.0	10.4	
58 1,3-Dimethylnaphthalene	156	6.585	6.585	0.000	90	1642901	10.0	10.0	
59 Dimethyl phthalate	163	6.675	6.675	0.000	98	2181890	10.0	9.79	
60 Coumarin	146	6.681	6.681	0.000	79	763846	10.0	9.71	
61 2,6-Dinitrotoluene	165	6.726	6.726	0.000	93	500140	10.0	9.96	
62 Acenaphthylene	152	6.768	6.768	0.000	97	3733463	10.0	10.1	
63 3-Nitroaniline	138	6.883	6.883	0.000	94	573408	10.0	10.3	
* 64 Acenaphthene-d10	164	6.902	6.902	0.000	97	1433505	8.00	8.00	
65 Acenaphthene	154	6.931	6.931	0.000	96	2111612	10.0	9.94	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.940	6.940	0.000	98	1782350	10.0	10.6	
67 2,4-Dinitrophenol	184	6.982	6.982	0.000	89	609317	20.0	20.2	
68 4-Nitrophenol	65	7.065	7.065	0.000	95	928311	20.0	20.5	
70 Dibenzofuran	168	7.097	7.097	0.000	99	2986729	10.0	9.91	
69 2,4-Dinitrotoluene	165	7.100	7.100	0.000	89	635036	10.0	10.6	
71 2,3,4,6-Tetrachlorophenol	232	7.219	7.219	0.000	89	468328	10.0	10.3	
72 Diethyl phthalate	149	7.344	7.344	0.000	97	2178792	10.0	9.80	
87 n-Octadecane	57	7.363	7.363	0.000	93	2011343	10.0	10.5	
73 Fluorene	166	7.421	7.421	0.000	96	2352319	10.0	9.85	
74 4-Chlorophenyl phenyl ether	204	7.430	7.430	0.000	90	961269	10.0	9.74	
75 4-Nitroaniline	138	7.465	7.465	0.000	91	494146	10.0	11.0	
76 4,6-Dinitro-2-methylphenol	198	7.488	7.488	0.000	77	703791	20.0	20.3	
77 N-Nitrosodiphenylamine	169	7.549	7.549	0.000	74	1573889	10.0	10.1	
131 Azobenzene	77	7.581	7.581	0.000	98	2787913	10.0	10.3	
78 1,2-Diphenylhydrazine	77	7.581	7.581	0.000	51	2788005	10.0	10.6	
$ 79 2,4,6-Tribromophenol	330	7.648	7.648	0.000	95	332899	10.0	8.84	
80 4-Bromophenyl phenyl ether	248	7.888	7.888	0.000	81	521577	10.0	10.0	
82 Hexachlorobenzene	284	7.933	7.933	0.000	99	598319	10.0	9.79	
83 Atrazine	200	8.067	8.067	0.000	87	190873	4.00	4.47	
84 Pentachlorophenol	266	8.131	8.131	0.000	92	727109	20.0	21.5	
85 Pentachloronitrobenzene	237	8.138	8.138	0.000	85	157866	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.298	8.298	0.000	99	2051427	8.00	8.00	
89 Phenanthrene	178	8.320	8.320	0.000	99	2822795	10.0	10.0	
90 Anthracene	178	8.368	8.368	0.000	98	2952991	10.0	10.2	
91 Carbazole	167	8.535	8.535	0.000	96	2536931	10.0	10.4	
92 Di-n-butyl phthalate	149	8.890	8.890	0.000	99	2971239	10.0	10.8	
93 Fluoranthene	202	9.440	9.440	0.000	97	2442301	10.0	10.4	
94 Benzidine	184	9.590	9.590	0.000	99	1083208	10.0	9.24	
95 Pyrene	202	9.651	9.651	0.000	96	2462454	10.0	9.78	
96 Bisphenol-A	213	9.740	9.740	0.000	96	860572	10.0	9.69	
$ 97 Terphenyl-d14	244	9.821	9.821	0.000	98	1743247	10.0	8.73	
98 Butyl benzyl phthalate	149	10.310	10.310	0.000	97	1063207	10.0	11.0	
99 2,3,7,8-TCDD	320	10.368	10.368	0.000	92	2993	0.1000	0.1000	
100 Carbamazepine	193	10.400	10.400	0.000	93	690072	10.0	10.7	
101 3,3'-Dichlorobenzidine	252	10.835	10.835	0.000	99	708304	10.0	10.1	
102 Benzo[a]anthracene	228	10.838	10.838	0.000	99	1853677	10.0	10.2	
* 103 Chrysene-d12	240	10.851	10.851	0.000	98	1093841	8.00	8.00	
104 Chrysene	228	10.877	10.877	0.000	97	1704283	10.0	9.71	
105 Bis(2-ethylhexyl) phthalate	149	10.934	10.934	0.000	89	1548258	10.0	10.2	
106 Di-n-octyl phthalate	149	11.705	11.705	0.000	97	2256772	10.0	10.5	
107 Benzo[b]fluoranthene	252	12.092	12.092	0.000	97	1588333	10.0	10.1	
108 Benzo[k]fluoranthene	252	12.130	12.130	0.000	98	1714811	10.0	10.5	
109 Benzo[a]pyrene	252	12.508	12.508	0.000	95	1531629	10.0	10.9	
* 110 Perylene-d12	264	12.581	12.581	0.000	97	1059776	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.011	14.011	0.000	97	1535677	10.0	10.9	
112 Dibenz(a,h)anthracene	278	14.056	14.056	0.000	96	1507706	10.0	10.6	
113 Benzo[g,h,i]perylene	276	14.370	14.370	0.000	96	1503878	10.0	10.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL7_LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 07-Jul-2025 16:12:50 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93557.D

Injection Date: 02-Jul-2025 10:53:30 Instrument ID: CBNAMS18 Operator ID:

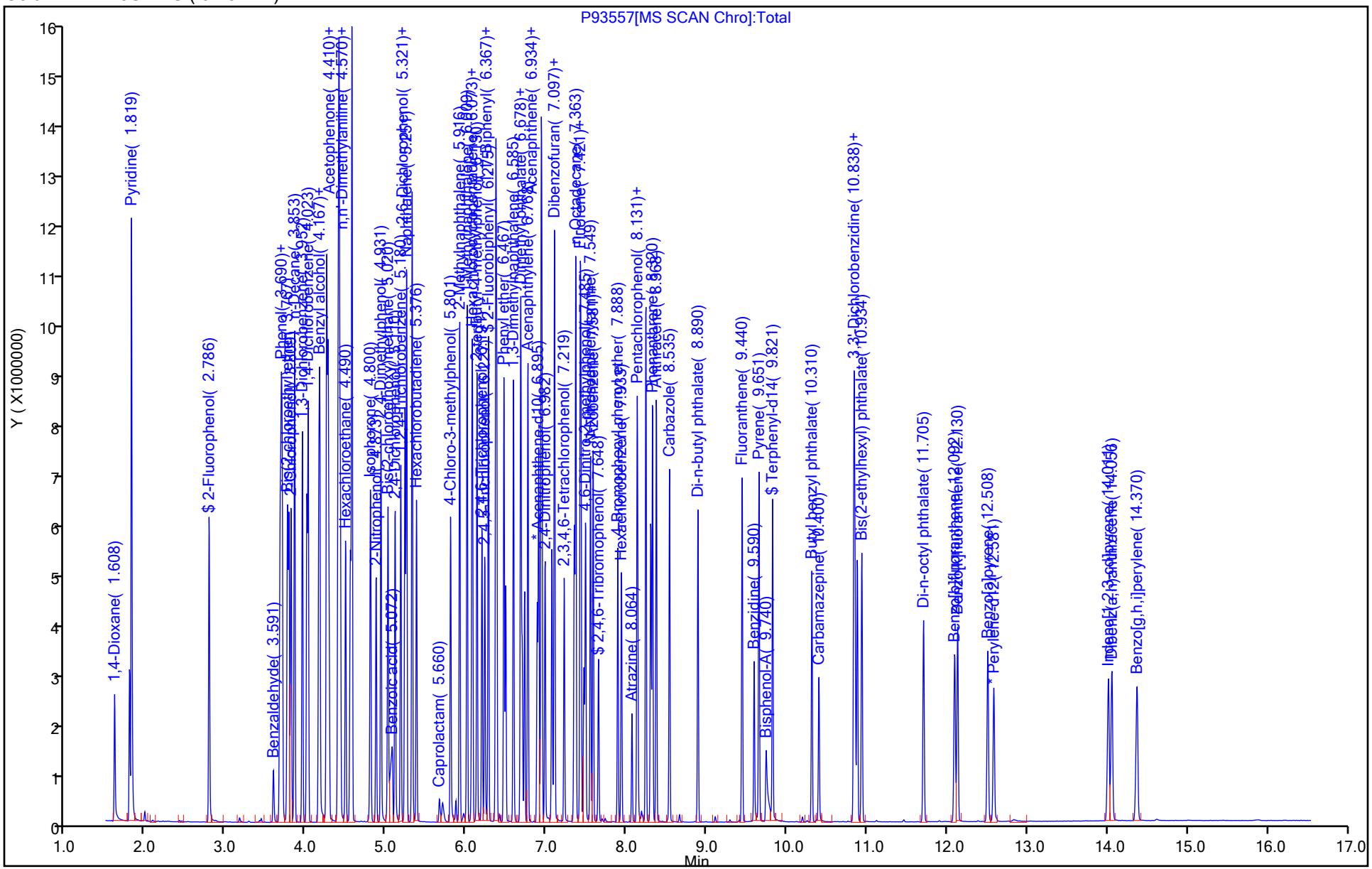
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93557.D
Injection Date: 02-Jul-2025 10:53:30 Instrument ID: CBNAMS18
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

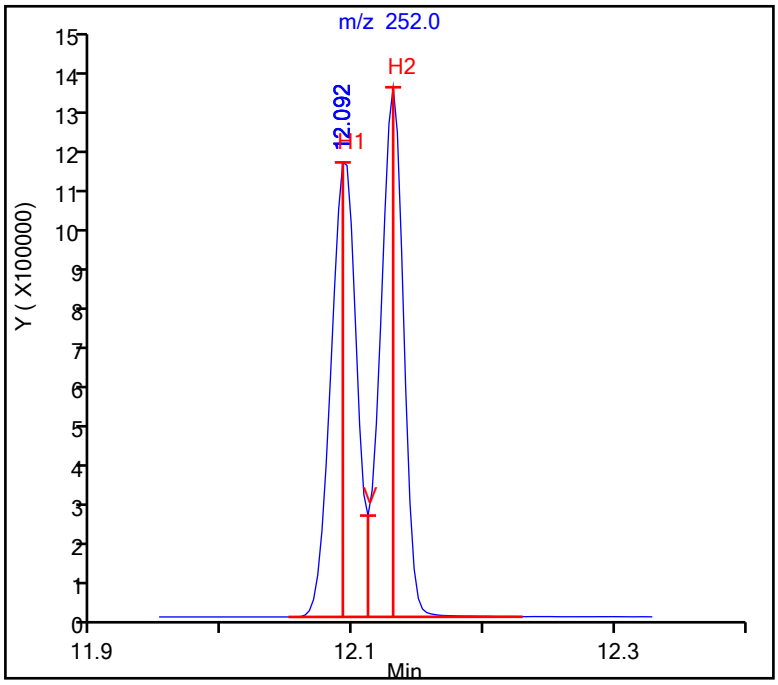
107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 254712
H1(107 Benzo[b]fluoranthen) = 1142691
H2(108 Benzo[k]fluoranthen) = 1331532

Version D: %R = 20.6 <= 50.0
Passed



Manual Integration/User Assign Peak Report

Eurofins Edison

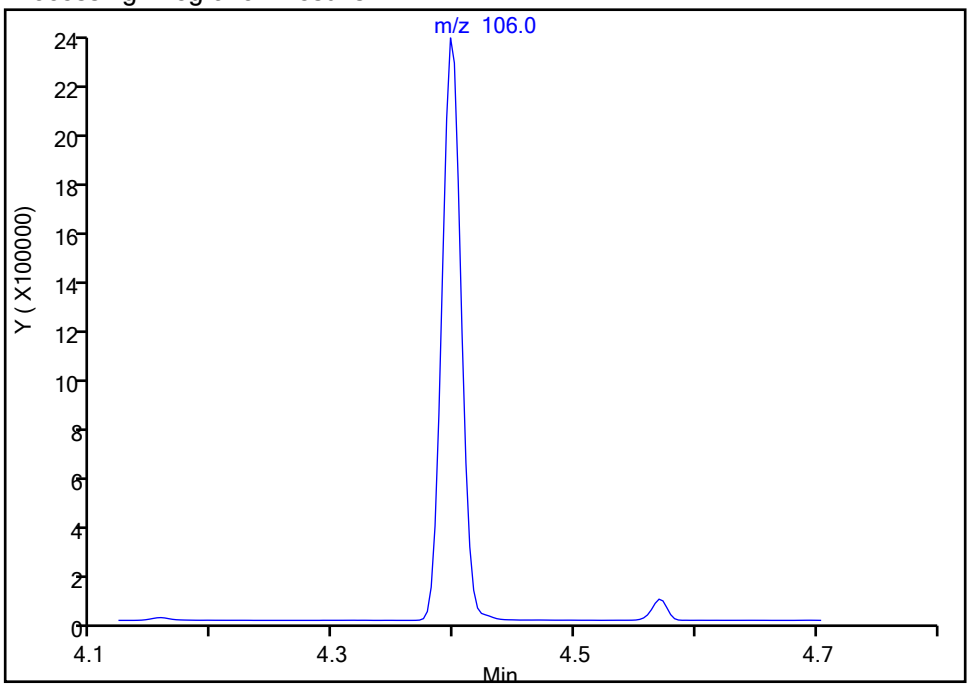
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93557.D
Injection Date: 02-Jul-2025 10:53:30 Instrument ID: CBNAMS18
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

22 N-Methylaniline, CAS: 100-61-8

Signal: 1

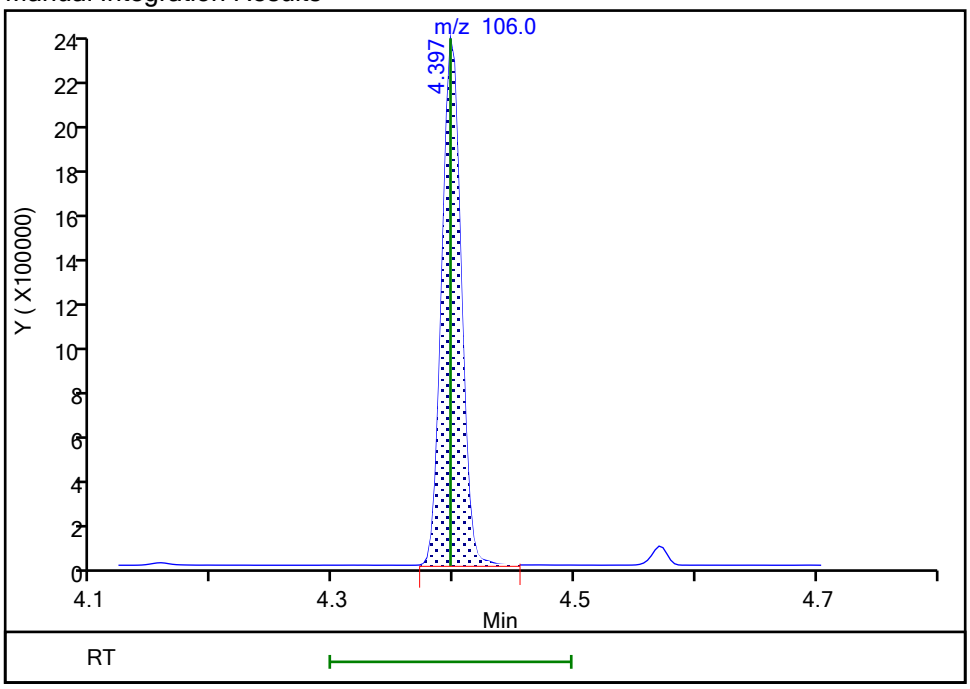
Not Detected
Expected RT: 4.40

Processing Integration Results



Manual Integration Results

RT: 4.40
Area: 2639163
Amount: 10.376407
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 11:17:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93558.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 02-Jul-2025 11:14:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0193105-003
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 07-Jul-2025 16:12:54 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 02-Jul-2025 11:42:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.601	1.608	-0.007	94	1459854	24.0	24.2	
2 N-Nitrosodimethylamine	74	1.799	1.793	0.006	91	2301206	24.0	25.3	
3 Pyridine	79	1.815	1.819	-0.004	92	7513407	48.0	54.0	
$ 4 2-Fluorophenol	112	2.790	2.786	0.004	95	1591349	10.0	10.8	
5 Benzaldehyde	77	3.594	3.588	0.006	97	546202	6.40	4.36	
$ 6 Phenol-d5	99	3.687	3.674	0.013	0	2011162	10.0	10.5	
7 Phenol	94	3.700	3.687	0.013	99	4661490	24.0	23.9	
8 Aniline	93	3.706	3.700	0.006	98	5354581	24.0	25.3	
9 Bis(2-chloroethyl)ether	93	3.773	3.764	0.009	96	3397268	24.0	24.1	
10 Benzonitrile	103	3.799	3.783	0.016	99	6862168	NC	NC	
11 2-Chlorophenol	128	3.818	3.809	0.009	96	3382098	24.0	24.3	
12 n-Decane	43	3.860	3.853	0.007	90	3711589	24.0	24.2	
13 1,3-Dichlorobenzene	146	3.959	3.952	0.007	94	3592530	24.0	23.9	
* 14 1,4-Dichlorobenzene-d4	152	4.010	4.007	0.003	97	774482	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.029	4.023	0.006	93	3602726	24.0	24.0	
17 Benzyl alcohol	108	4.167	4.157	0.010	90	2035712	24.0	26.8	
18 1,2-Dichlorobenzene	146	4.173	4.170	0.003	96	3364734	24.0	23.8	
20 2-Methylphenol	108	4.279	4.269	0.010	89	2968831	24.0	24.1	
21 2,2'-oxybis[1-chloropropane]	45	4.285	4.279	0.006	94	4431542	24.0	23.4	
22 N-Methylaniline	106	4.404	4.397	0.007	98	5420122	24.0	25.5	a
23 Acetophenone	105	4.420	4.410	0.010	94	4563522	24.0	23.4	
24 N-Nitrosodi-n-propylamine	70	4.423	4.413	0.010	90	2295061	24.0	23.2	
26 4-Methylphenol	108	4.439	4.426	0.013	96	3118898	24.0	24.8	
25 3 & 4 Methylphenol	108	4.439	4.426	0.013	0	3160407	24.0	24.4	
27 Hexachloroethane	117	4.493	4.490	0.003	92	1363808	24.0	23.9	
$ 28 Nitrobenzene-d5	82	4.557	4.550	0.007	88	1737489	10.0	10.7	
29 Nitrobenzene	123	4.583	4.570	0.013	92	1553100	24.0	23.1	
30 n,n'-Dimethylaniline	120	4.580	4.570	0.010	93	5376499	24.0	25.1	
31 Isophorone	82	4.816	4.800	0.016	100	6103169	24.0	24.3	
32 2-Nitrophenol	139	4.877	4.873	0.004	89	1698275	24.0	25.2	
33 2,4-Dimethylphenol	122	4.941	4.931	0.010	91	2749225	24.0	25.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.027	5.020	0.007	99	3836053	24.0	24.3	
35 Benzoic acid	122	5.114	5.072	0.042	87	1865920	24.0	26.0	
36 2,4-Dichlorophenol	162	5.117	5.110	0.007	94	2301099	24.0	25.2	
37 1,2,4-Trichlorobenzene	180	5.184	5.180	0.004	94	2407562	24.0	24.6	
* 38 Naphthalene-d8	136	5.235	5.232	0.003	99	2943639	8.00	8.00	
39 Naphthalene	128	5.255	5.254	0.001	98	8831332	24.0	22.9	e
40 4-Chloroaniline	127	5.328	5.321	0.007	91	3417836	24.0	25.6	
41 2,6-Dichlorophenol	162	5.328	5.321	0.007	75	2218454	24.0	24.4	
42 Hexachlorobutadiene	225	5.379	5.376	0.003	93	1239368	24.0	24.7	
44 Caprolactam	55	5.763	5.660	0.103	92	339198	6.40	8.18	M
45 4-Chloro-3-methylphenol	107	5.805	5.801	0.004	97	2396990	24.0	25.2	
46 2-Methylnaphthalene	142	5.917	5.916	0.001	85	5161482	24.0	23.5	
47 1-Methylnaphthalene	142	6.010	6.009	0.001	93	5284375	24.0	23.5	
48 Hexachlorocyclopentadiene	237	6.071	6.066	0.005	96	1659240	24.0	26.3	
49 1,2,4,5-Tetrachlorobenzene	216	6.080	6.076	0.004	95	2054518	24.0	25.1	
50 2-tertbutyl-4-methylphenol	149	6.135	6.130	0.005	90	3508593	24.0	25.5	
51 2,4,6-Trichlorophenol	196	6.196	6.195	0.001	85	1352461	24.0	25.5	
52 2,4,5-Trichlorophenol	196	6.231	6.227	0.004	93	1443389	24.0	25.6	
$ 53 2-Fluorobiphenyl	172	6.276	6.275	0.001	97	2642221	10.0	10.9	
54 1,1'-Biphenyl	154	6.369	6.364	0.005	97	6442433	24.0	24.5	
55 2-Chloronaphthalene	162	6.381	6.377	0.004	98	4617126	24.0	24.2	
56 Phenyl ether	170	6.471	6.467	0.004	88	3273885	24.0	25.1	
57 2-Nitroaniline	65	6.494	6.489	0.005	96	1547516	24.0	25.0	
58 1,3-Dimethylnaphthalene	156	6.590	6.585	0.005	90	3449153	24.0	25.1	
59 Dimethyl phthalate	163	6.686	6.675	0.011	99	4485969	24.0	24.1	
60 Coumarin	146	6.686	6.681	0.005	78	1574816	24.0	24.1	
61 2,6-Dinitrotoluene	165	6.734	6.726	0.008	94	1046397	24.0	25.0	
62 Acenaphthylene	152	6.772	6.768	0.004	97	7647512	24.0	24.7	
63 3-Nitroaniline	138	6.891	6.883	0.008	93	1140820	24.0	24.6	
* 64 Acenaphthene-d10	164	6.903	6.902	0.001	97	1196936	8.00	8.00	
65 Acenaphthene	154	6.935	6.931	0.004	96	4265145	24.0	24.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.945	6.940	0.005	98	3669126	24.0	26.1	
67 2,4-Dinitrophenol	184	6.990	6.982	0.008	90	1334867	48.0	47.0	
68 4-Nitrophenol	65	7.073	7.065	0.008	97	1948329	48.0	51.2	
70 Dibenzofuran	168	7.102	7.097	0.005	96	6032318	24.0	24.0	
69 2,4-Dinitrotoluene	165	7.109	7.100	0.008	90	1294412	24.0	25.9	
71 2,3,4,6-Tetrachlorophenol	232	7.224	7.219	0.005	89	967743	24.0	25.5	
72 Diethyl phthalate	149	7.352	7.344	0.008	97	4523410	24.0	24.4	
87 n-Octadecane	57	7.365	7.363	0.002	93	4084294	24.0	25.7	
73 Fluorene	166	7.422	7.421	0.001	94	4798680	24.0	24.1	
74 4-Chlorophenyl phenyl ether	204	7.432	7.430	0.002	84	1973153	24.0	23.9	
75 4-Nitroaniline	138	7.480	7.465	0.015	93	1050289	24.0	28.0	
76 4,6-Dinitro-2-methylphenol	198	7.496	7.488	0.008	83	1469812	48.0	50.6	
77 N-Nitrosodiphenylamine	169	7.554	7.549	0.005	69	3229243	24.0	24.9	
131 Azobenzene	77	7.583	7.581	0.002	97	5706571	24.0	25.2	
78 1,2-Diphenylhydrazine	77	7.583	7.581	0.002	51	5706571	24.0	26.0	
$ 79 2,4,6-Tribromophenol	330	7.650	7.648	0.002	95	321845	10.0	10.2	
80 4-Bromophenyl phenyl ether	248	7.890	7.888	0.002	82	1079006	24.0	24.9	
82 Hexachlorobenzene	284	7.938	7.933	0.005	98	1249822	24.0	24.5	
83 Atrazine	200	8.069	8.067	0.002	87	255914	6.40	7.17	
84 Pentachlorophenol	266	8.133	8.131	0.002	94	1607988	48.0	57.0	
85 Pentachloronitrobenzene	237	8.140	8.138	0.002	85	336636	24.0	26.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.300	8.298	0.002	99	1712295	8.00	8.00	
89 Phenanthrene	178	8.326	8.320	0.006	98	5741423	24.0	24.3	
90 Anthracene	178	8.374	8.368	0.006	98	5994055	24.0	24.9	
91 Carbazole	167	8.537	8.535	0.002	96	5123432	24.0	25.2	
92 Di-n-butyl phthalate	149	8.889	8.890	-0.001	99	6168697	24.0	26.9	
93 Fluoranthene	202	9.443	9.440	0.003	97	4941988	24.0	25.3	
94 Benzidine	184	9.593	9.590	0.003	99	2883450	24.0	21.8	
95 Pyrene	202	9.654	9.651	0.003	96	4917149	24.0	23.1	
96 Bisphenol-A	213	9.740	9.740	0.000	97	1869465	24.0	24.9	
$ 97 Terphenyl-d14	244	9.821	9.821	0.000	97	1730682	10.0	10.2	
98 Butyl benzyl phthalate	149	10.311	10.310	0.001	96	2205553	24.0	27.1	
100 Carbamazepine	193	10.404	10.400	0.004	93	1611902	24.0	22.6	
101 3,3'-Dichlorobenzidine	252	10.836	10.835	0.001	99	1479993	24.0	23.4	
102 Benzo[a]anthracene	228	10.839	10.838	0.001	99	3848564	24.0	24.9	
* 103 Chrysene-d12	240	10.852	10.851	0.001	98	924906	8.00	8.00	
104 Chrysene	228	10.881	10.877	0.004	97	3479694	24.0	23.5	
105 Bis(2-ethylhexyl) phthalate	149	10.932	10.934	-0.002	89	3240071	24.0	20.1	
106 Di-n-octyl phthalate	149	11.703	11.705	-0.002	97	4964487	24.0	23.2	
107 Benzo[b]fluoranthene	252	12.096	12.092	0.004	98	3400906	24.0	23.3	
108 Benzo[k]fluoranthene	252	12.135	12.130	0.005	98	3499268	24.0	25.7	
109 Benzo[a]pyrene	252	12.509	12.508	0.001	95	3193503	24.0	27.3	
* 110 Perylene-d12	264	12.580	12.581	-0.001	97	879885	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.020	14.011	0.009	98	3350132	24.0	28.6	
112 Dibenz(a,h)anthracene	278	14.062	14.056	0.006	96	3243221	24.0	27.5	
113 Benzo[g,h,i]perylene	276	14.379	14.370	0.009	96	3237372	24.0	27.5	
S 115 Total Cresols	1				0			48.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL9_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 07-Jul-2025 16:12:56 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93558.D

Injection Date: 02-Jul-2025 11:14:30 Instrument ID: CBNAMS18 Operator ID:

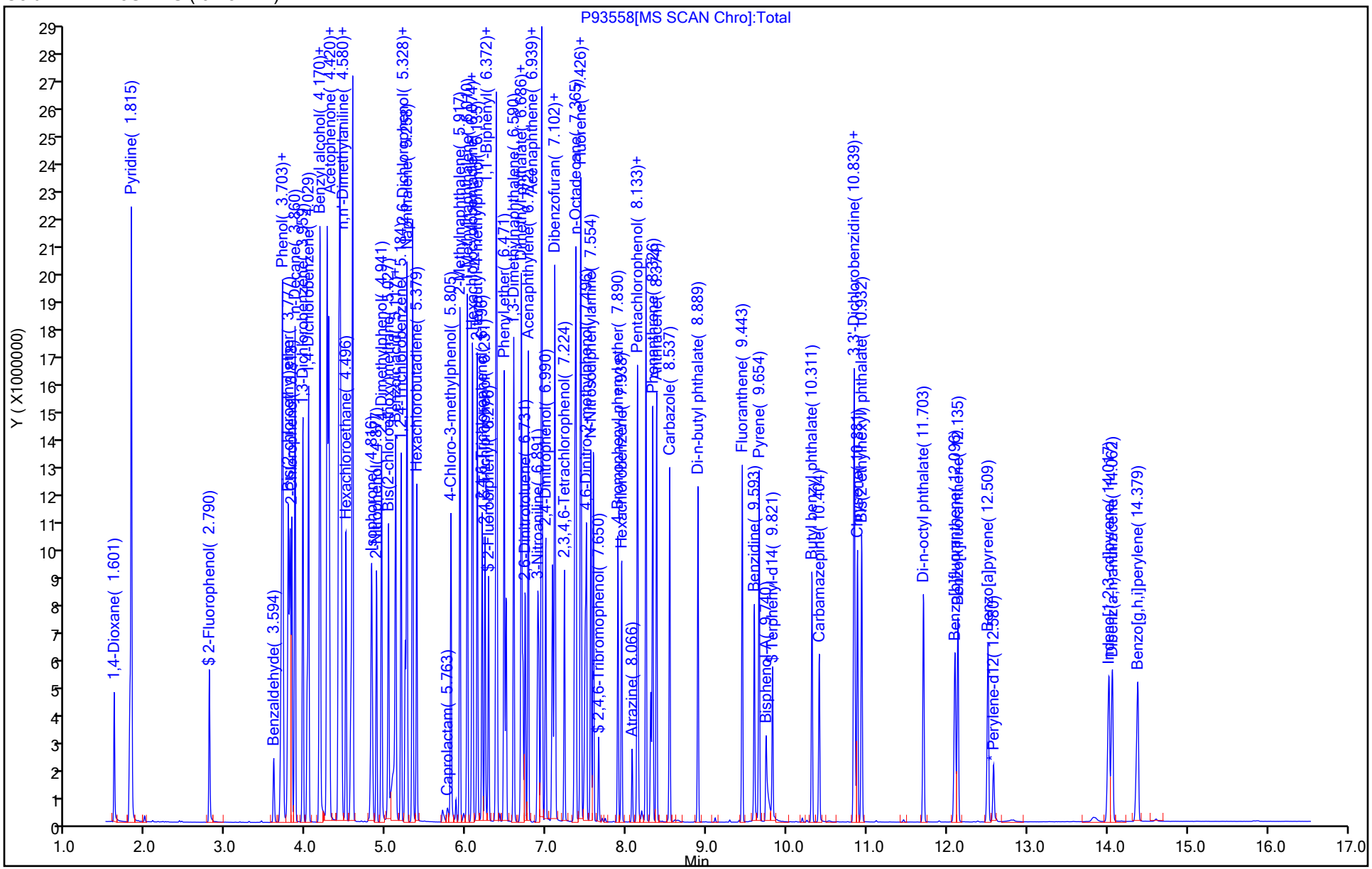
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

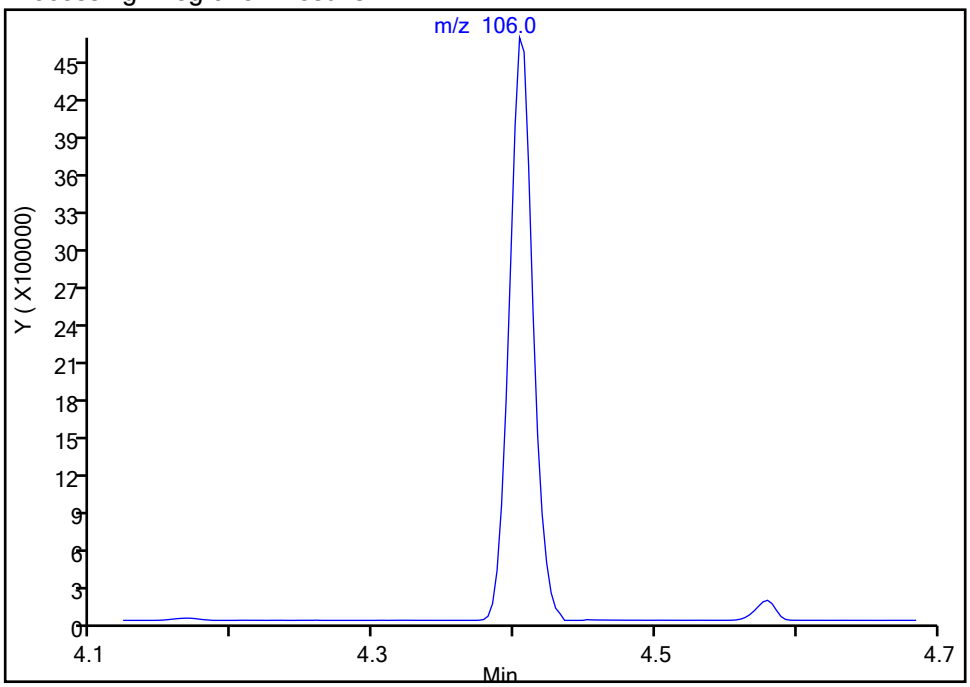
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93558.D
Injection Date: 02-Jul-2025 11:14:30 Instrument ID: CBNAMS18
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

22 N-Methylaniline, CAS: 100-61-8

Signal: 1

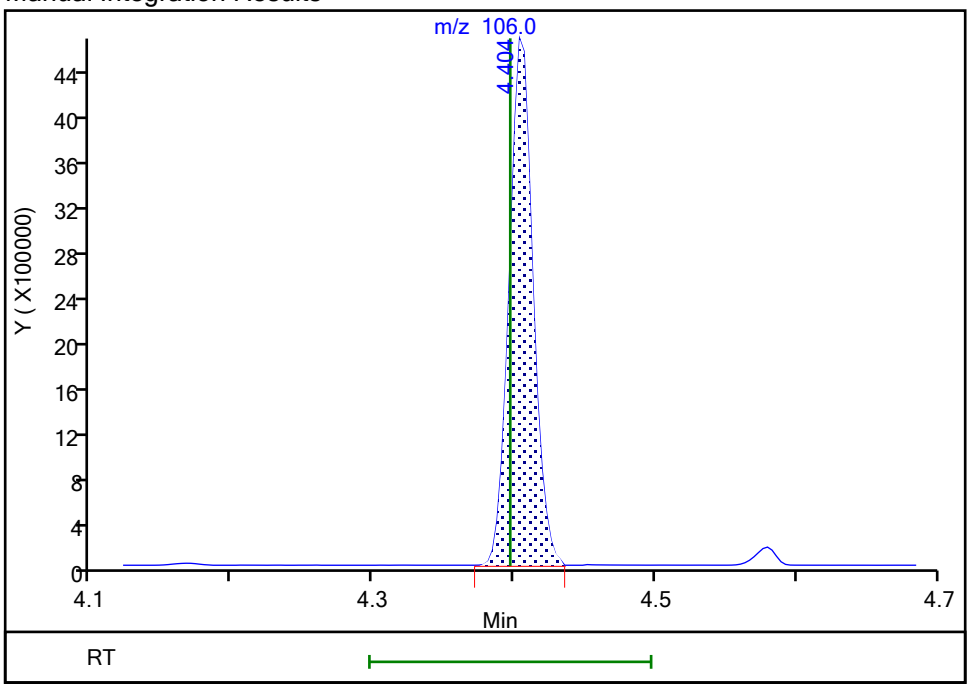
Not Detected
Expected RT: 4.40

Processing Integration Results



Manual Integration Results

RT: 4.40
Area: 5420122
Amount: 25.466899
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 11:42:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

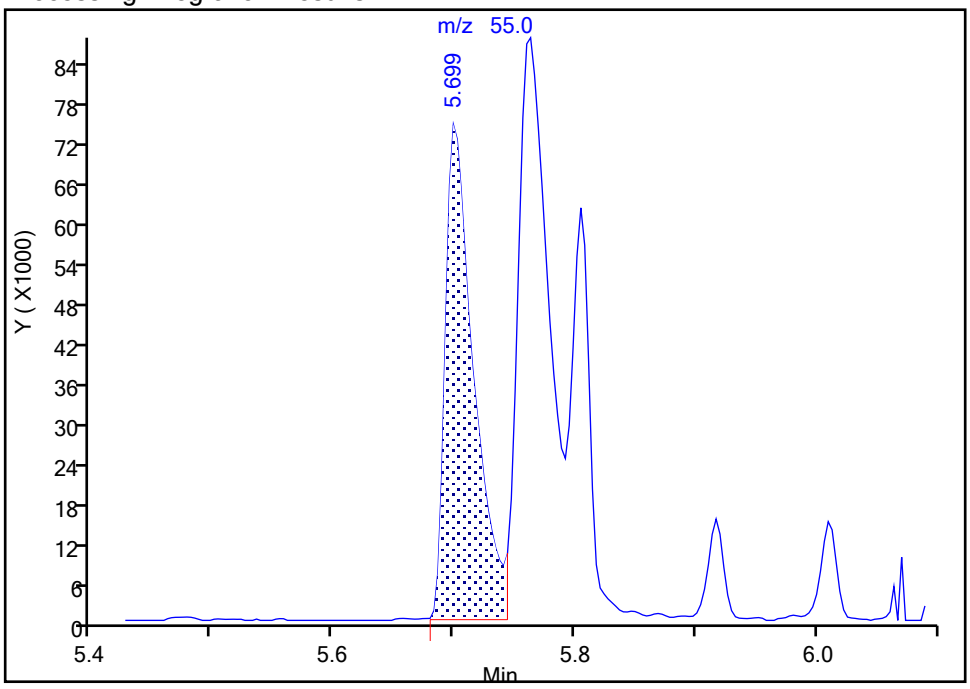
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93558.D
Injection Date: 02-Jul-2025 11:14:30 Instrument ID: CBNAMS18
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

44 Caprolactam, CAS: 105-60-2

Signal: 1

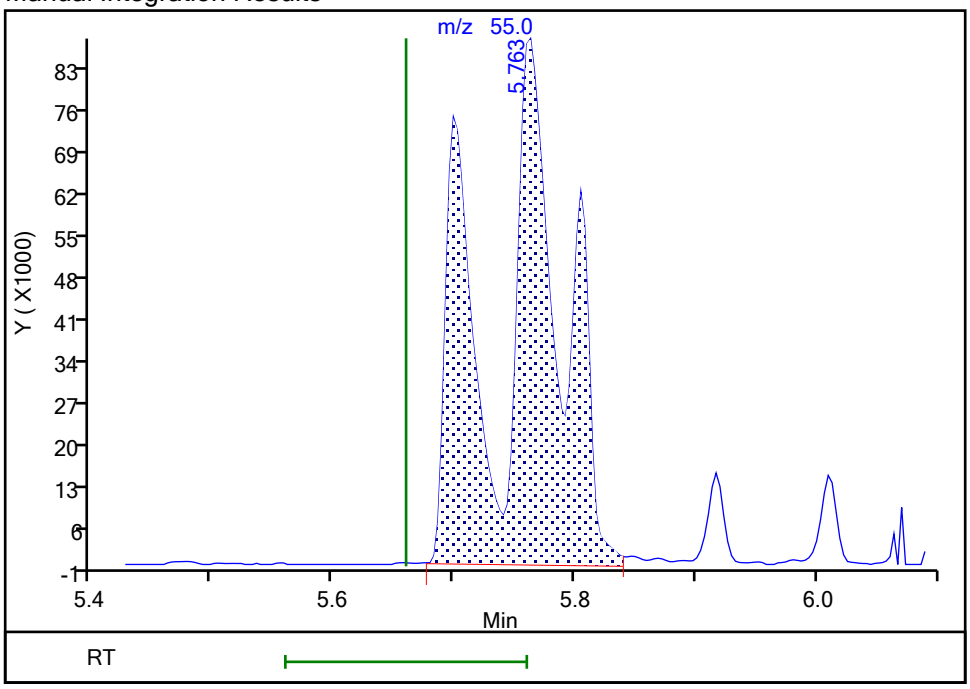
Processing Integration Results

RT: 5.70
Area: 121552
Amount: 6.400000
Amount Units: ug/ml



Manual Integration Results

RT: 5.76
Area: 339198
Amount: 8.179646
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 11:41:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93559.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 02-Jul-2025 11:35:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0193105-004
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 07-Jul-2025 16:13:00 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 02-Jul-2025 12:09:28

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.595	1.608	-0.013	95	1033718	16.0	16.4	
	2 N-Nitrosodimethylamine	74	1.790	1.793	-0.003	91	1640406	16.0	17.3	
	3 Pyridine	79	1.809	1.819	-0.010	93	5439427	32.0	37.6	
$	4 2-Fluorophenol	112	2.786	2.786	0.000	95	1463514	10.0	9.57	
	5 Benzaldehyde	77	3.591	3.588	0.003	97	572811	4.80	4.40	
$	6 Phenol-d5	99	3.681	3.674	0.007	0	1818396	10.0	9.11	
	7 Phenol	94	3.693	3.687	0.006	99	3370981	16.0	16.6	
	8 Aniline	93	3.703	3.700	0.003	97	3887166	16.0	17.7	
	9 Bis(2-chloroethyl)ether	93	3.770	3.764	0.006	96	2460453	16.0	16.8	
	10 Benzonitrile	103	3.789	3.783	0.006	99	4762472	NC	NC	
	11 2-Chlorophenol	128	3.815	3.809	0.006	95	2448947	16.0	16.9	
	12 n-Decane	43	3.856	3.853	0.003	91	2712475	16.0	17.0	
	13 1,3-Dichlorobenzene	146	3.956	3.952	0.004	94	2601300	16.0	16.6	
*	14 1,4-Dichlorobenzene-d4	152	4.010	4.007	0.003	97	805863	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.026	4.023	0.003	93	2621285	16.0	16.8	
	17 Benzyl alcohol	108	4.160	4.157	0.003	93	1447392	16.0	18.3	
	18 1,2-Dichlorobenzene	146	4.170	4.170	0.000	95	2456131	16.0	16.7	
	20 2-Methylphenol	108	4.272	4.269	0.003	90	2138001	16.0	16.7	
	21 2,2'-oxybis[1-chloropropane]	45	4.282	4.279	0.003	93	3222996	16.0	16.4	
	22 N-Methylaniline	106	4.400	4.397	0.003	96	3726401	16.0	16.8	a
	23 Acetophenone	105	4.413	4.410	0.003	95	3266603	16.0	16.1	
	24 N-Nitrosodi-n-propylamine	70	4.416	4.413	0.003	90	1710762	16.0	16.6	
	26 4-Methylphenol	108	4.429	4.426	0.003	97	2178651	16.0	16.6	
	25 3 & 4 Methylphenol	108	4.429	4.426	0.003	0	2198987	16.0	16.3	
	27 Hexachloroethane	117	4.493	4.490	0.003	93	996787	16.0	16.8	
$	28 Nitrobenzene-d5	82	4.554	4.550	0.004	88	1579507	10.0	9.45	
	29 Nitrobenzene	123	4.576	4.570	0.006	91	1117132	16.0	16.0	
	30 n,n'-Dimethylaniline	120	4.576	4.570	0.006	87	3742184	16.0	16.8	
	31 Isophorone	82	4.806	4.800	0.006	100	4304838	16.0	16.7	
	32 2-Nitrophenol	139	4.873	4.873	0.000	90	1215610	16.0	17.6	
	33 2,4-Dimethylphenol	122	4.934	4.931	0.003	91	1940995	16.0	17.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.024	5.020	0.004	99	2722651	16.0	16.7	
35 Benzoic acid	122	5.094	5.072	0.022	85	1252790	16.0	17.2	
36 2,4-Dichlorophenol	162	5.113	5.110	0.003	95	1657455	16.0	17.6	
37 1,2,4-Trichlorobenzene	180	5.181	5.180	0.000	94	1749182	16.0	17.4	
* 38 Naphthalene-d8	136	5.235	5.232	0.003	99	3027197	8.00	8.00	
39 Naphthalene	128	5.254	5.254	0.000	99	6791959	16.0	17.1	
40 4-Chloroaniline	127	5.325	5.321	0.004	92	2501263	16.0	18.2	
41 2,6-Dichlorophenol	162	5.325	5.321	0.004	83	1562236	16.0	16.7	
42 Hexachlorobutadiene	225	5.379	5.376	0.003	92	881973	16.0	17.1	
44 Caprolactam	55	5.727	5.660	0.067	92	216432	4.80	5.08	
45 4-Chloro-3-methylphenol	107	5.804	5.801	0.003	97	1651803	16.0	16.9	
46 2-Methylnaphthalene	142	5.916	5.916	0.000	85	3673614	16.0	16.3	
47 1-Methylnaphthalene	142	6.009	6.009	0.000	93	3767651	16.0	16.3	
48 Hexachlorocyclopentadiene	237	6.070	6.066	0.004	96	1178850	16.0	18.6	
49 1,2,4,5-Tetrachlorobenzene	216	6.076	6.076	0.000	94	1444713	16.0	17.6	
50 2-tertbutyl-4-methylphenol	149	6.131	6.130	0.001	90	2361185	16.0	16.7	
51 2,4,6-Trichlorophenol	196	6.195	6.195	0.000	86	949638	16.0	17.8	
52 2,4,5-Trichlorophenol	196	6.227	6.227	0.000	94	986460	16.0	17.4	
$ 53 2-Fluorobiphenyl	172	6.275	6.275	0.000	97	2380754	10.0	9.75	
54 1,1'-Biphenyl	154	6.368	6.364	0.004	97	4545233	16.0	17.2	
55 2-Chloronaphthalene	162	6.377	6.377	0.000	98	3309120	16.0	17.3	
56 Phenyl ether	170	6.467	6.467	0.000	89	2233764	16.0	17.0	
57 2-Nitroaniline	65	6.493	6.489	0.004	95	1055072	16.0	17.0	
58 1,3-Dimethylnaphthalene	156	6.589	6.585	0.004	91	2316185	16.0	16.8	
59 Dimethyl phthalate	163	6.678	6.675	0.003	98	3089142	16.0	16.5	
60 Coumarin	146	6.682	6.681	0.001	78	1026535	16.0	15.3	
61 2,6-Dinitrotoluene	165	6.726	6.726	0.000	93	703705	16.0	16.7	
62 Acenaphthylene	152	6.768	6.768	0.000	97	5329325	16.0	17.1	
63 3-Nitroaniline	138	6.883	6.883	0.000	93	804305	16.0	17.2	
* 64 Acenaphthene-d10	164	6.899	6.902	-0.003	97	1202298	8.00	8.00	
65 Acenaphthene	154	6.934	6.931	0.003	96	2961745	16.0	16.6	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.941	6.940	0.001	98	2466388	16.0	17.5	
67 2,4-Dinitrophenol	184	6.986	6.982	0.004	92	908070	32.0	33.7	
68 4-Nitrophenol	65	7.069	7.065	0.004	95	1320182	32.0	34.6	
70 Dibenzofuran	168	7.098	7.097	0.001	97	4207894	16.0	16.6	
69 2,4-Dinitrotoluene	165	7.104	7.100	0.004	90	888415	16.0	17.7	
71 2,3,4,6-Tetrachlorophenol	232	7.219	7.219	0.000	89	667603	16.0	17.5	
72 Diethyl phthalate	149	7.348	7.344	0.004	97	3093198	16.0	16.6	
87 n-Octadecane	57	7.364	7.363	0.001	93	2867687	16.0	18.5	
73 Fluorene	166	7.421	7.421	0.000	94	3303851	16.0	16.5	
74 4-Chlorophenyl phenyl ether	204	7.431	7.430	0.001	92	1352440	16.0	16.3	
75 4-Nitroaniline	138	7.469	7.465	0.004	93	692148	16.0	18.4	
76 4,6-Dinitro-2-methylphenol	198	7.489	7.488	0.001	78	996084	32.0	35.3	
77 N-Nitrosodiphenylamine	169	7.549	7.549	0.000	83	2216956	16.0	17.6	
131 Azobenzene	77	7.582	7.581	0.001	98	3873783	16.0	17.6	
78 1,2-Diphenylhydrazine	77	7.582	7.581	0.001	51	3873765	16.0	18.1	
$ 79 2,4,6-Tribromophenol	330	7.649	7.648	0.001	95	286636	10.0	9.07	
80 4-Bromophenyl phenyl ether	248	7.889	7.888	0.001	81	736099	16.0	17.4	
82 Hexachlorobenzene	284	7.934	7.933	0.001	98	857864	16.0	17.3	
83 Atrazine	200	8.065	8.067	-0.002	87	201051	4.80	5.79	
84 Pentachlorophenol	266	8.132	8.131	0.001	93	1069252	32.0	38.9	
85 Pentachloronitrobenzene	237	8.139	8.138	0.001	85	214798	16.0	17.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.299	8.298	0.001	99	1666816	8.00	8.00	
89 Phenanthrene	178	8.321	8.320	0.001	98	3920223	16.0	17.1	
90 Anthracene	178	8.369	8.368	0.001	98	4080903	16.0	17.4	
91 Carbazole	167	8.533	8.535	-0.002	96	3554719	16.0	17.9	
92 Di-n-butyl phthalate	149	8.888	8.890	-0.002	99	4162489	16.0	18.6	
93 Fluoranthene	202	9.441	9.440	0.001	97	3370763	16.0	17.7	
94 Benzidine	184	9.591	9.590	0.001	100	1855996	16.0	16.3	
95 Pyrene	202	9.649	9.651	-0.002	96	3425722	16.0	16.6	
96 Bisphenol-A	213	9.739	9.740	-0.001	97	1263418	16.0	17.4	
$ 97 Terphenyl-d14	244	9.819	9.821	-0.002	98	1482441	10.0	9.07	
98 Butyl benzyl phthalate	149	10.309	10.310	-0.001	96	1491806	16.0	18.9	
100 Carbamazepine	193	10.398	10.400	-0.002	93	1050528	16.0	17.1	
101 3,3'-Dichlorobenzidine	252	10.834	10.835	-0.001	99	1013197	16.0	17.0	
102 Benzo[a]anthracene	228	10.837	10.838	-0.001	99	2631962	16.0	17.6	
* 103 Chrysene-d12	240	10.850	10.851	-0.001	97	895190	8.00	8.00	
104 Chrysene	228	10.875	10.877	-0.002	97	2416294	16.0	16.8	
105 Bis(2-ethylhexyl) phthalate	149	10.930	10.934	-0.004	89	2193348	16.0	15.5	
106 Di-n-octyl phthalate	149	11.701	11.705	-0.004	97	3328031	16.0	16.5	
107 Benzo[b]fluoranthene	252	12.094	12.092	0.002	97	2340874	16.0	16.4	
108 Benzo[k]fluoranthene	252	12.129	12.130	-0.001	98	2455555	16.0	17.5	
109 Benzo[a]pyrene	252	12.507	12.508	-0.001	95	2253422	16.0	18.6	
* 110 Perylene-d12	264	12.577	12.581	-0.004	97	910454	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.011	14.011	0.000	98	2249244	16.0	18.5	
112 Dibenz(a,h)anthracene	278	14.053	14.056	-0.003	96	2244101	16.0	18.4	
113 Benzo[g,h,i]perylene	276	14.370	14.370	0.000	95	2196595	16.0	18.0	
S 115 Total Cresols	1				0			33.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL8_LVI_00009 Amount Added: 1.00 Units: mL

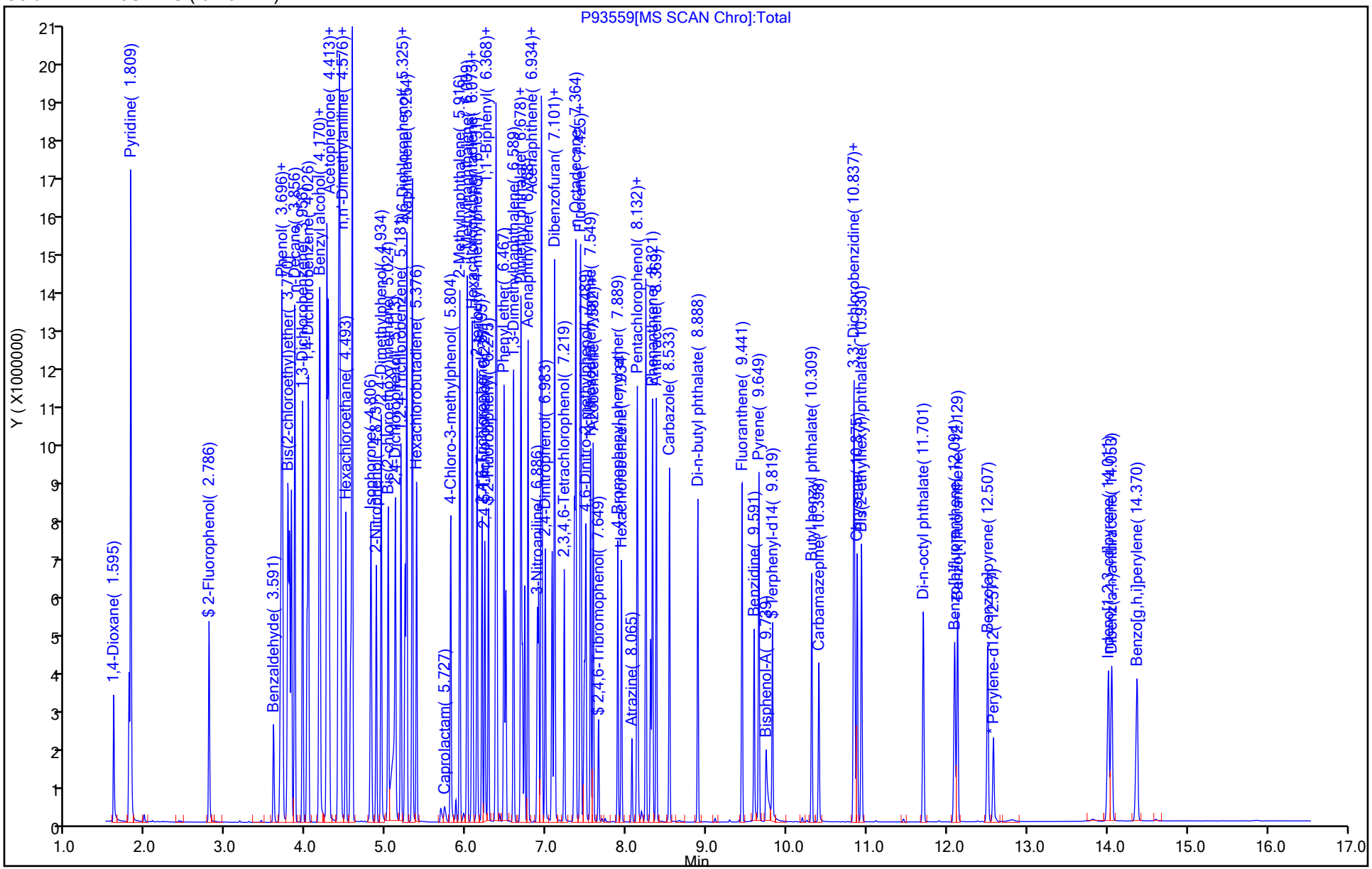
Report Date: 07-Jul-2025 16:13:03 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93559.D

Injection Date:	02-Jul-2025 11:35:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	STD16			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

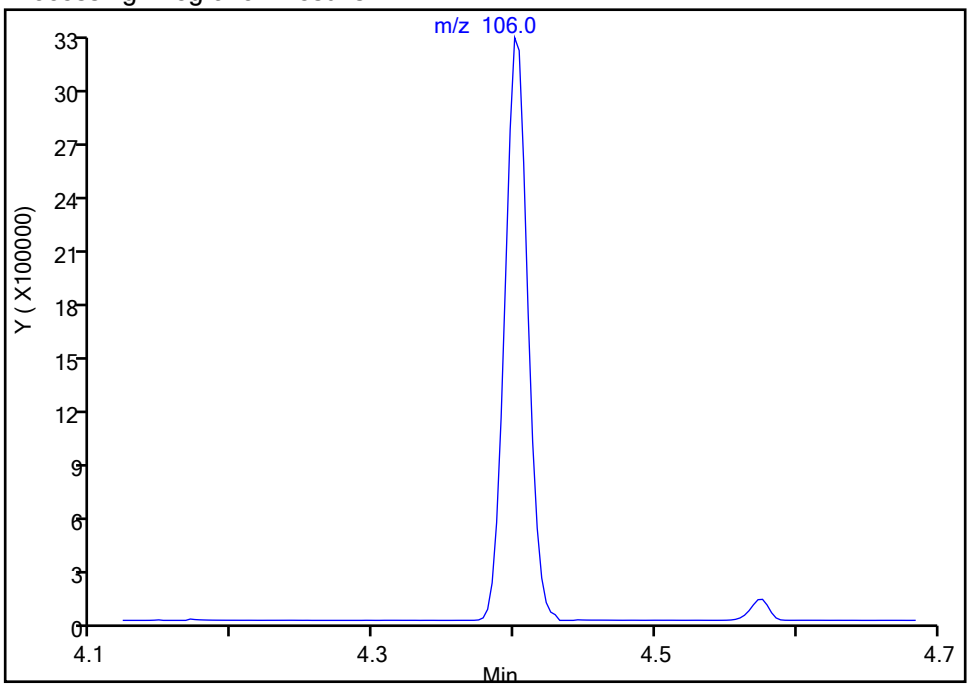
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93559.D
Injection Date: 02-Jul-2025 11:35:30 Instrument ID: CBNAMS18
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

22 N-Methylaniline, CAS: 100-61-8

Signal: 1

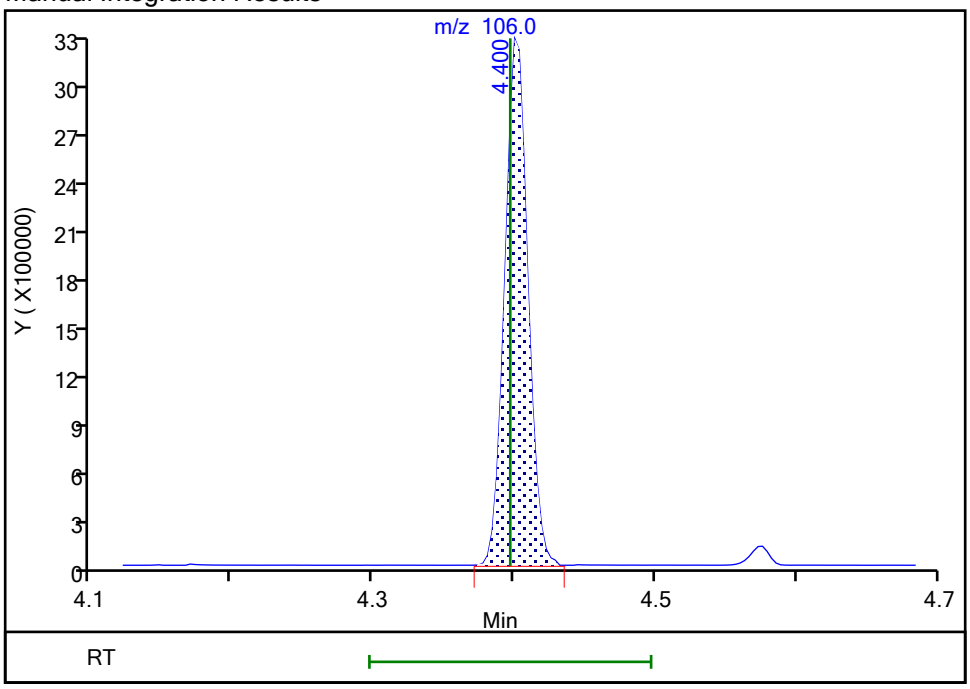
Not Detected
Expected RT: 4.40

Processing Integration Results



Manual Integration Results

RT: 4.40
Area: 3726401
Amount: 16.827000
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 12:08:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93560.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 02-Jul-2025 11:57:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0193105-005
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 07-Jul-2025 16:13:06 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 02-Jul-2025 12:26:22

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.608	1.608	0.000	96	261451	4.00	3.73	
	2 N-Nitrosodimethylamine	74	1.793	1.793	0.000	91	413006	4.00	4.04	
	3 Pyridine	79	1.818	1.819	-0.001	93	1353251	8.00	8.65	
$	4 2-Fluorophenol	112	2.789	2.786	0.003	94	1621983	10.0	9.81	
	5 Benzaldehyde	77	3.591	3.588	0.003	97	455914	3.20	3.24	
$	6 Phenol-d5	99	3.671	3.674	-0.003	0	2140201	10.0	9.92	
	7 Phenol	94	3.683	3.687	-0.004	99	864012	4.00	3.95	
	8 Aniline	93	3.699	3.700	-0.001	98	1033957	4.00	4.35	
	9 Bis(2-chloroethyl)ether	93	3.760	3.764	-0.004	97	631288	4.00	3.98	
	10 Benzonitrile	103	3.776	3.783	-0.007	99	1233173	NC	NC	
	11 2-Chlorophenol	128	3.808	3.809	-0.001	94	616781	4.00	3.95	
	12 n-Decane	43	3.853	3.853	0.000	90	669340	4.00	3.88	
	13 1,3-Dichlorobenzene	146	3.952	3.952	0.000	94	646846	4.00	3.83	
*	14 1,4-Dichlorobenzene-d4	152	4.006	4.007	-0.001	98	870636	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.022	4.023	-0.001	93	650492	4.00	3.85	
	17 Benzyl alcohol	108	4.153	4.157	-0.004	92	367035	4.00	4.29	
	18 1,2-Dichlorobenzene	146	4.169	4.170	-0.001	94	615492	4.00	3.87	
	20 2-Methylphenol	108	4.265	4.269	-0.004	89	568389	4.00	4.11	
	21 2,2'-oxybis[1-chloropropane]	45	4.278	4.279	-0.001	94	843392	4.00	3.96	
	22 N-Methylaniline	106	4.396	4.397	-0.001	97	965144	4.00	4.03	
	23 Acetophenone	105	4.403	4.410	-0.007	91	885110	4.00	4.05	
	24 N-Nitrosodi-n-propylamine	70	4.406	4.413	-0.007	88	470452	4.00	4.23	
	26 4-Methylphenol	108	4.422	4.426	-0.004	98	577095	4.00	4.08	
	25 3 & 4 Methylphenol	108	4.422	4.426	-0.004	0	592847	4.00	4.07	
	27 Hexachloroethane	117	4.489	4.490	-0.001	91	249837	4.00	3.89	
$	28 Nitrobenzene-d5	82	4.550	4.550	0.000	88	1890508	10.0	9.74	
	29 Nitrobenzene	123	4.566	4.570	-0.004	90	301537	4.00	3.99	
	30 n,n'-Dimethylaniline	120	4.566	4.570	-0.004	84	963047	4.00	3.99	
	31 Isophorone	82	4.796	4.800	-0.004	100	1205300	4.00	4.02	
	32 2-Nitrophenol	139	4.869	4.873	-0.004	89	325879	4.00	4.06	
	33 2,4-Dimethylphenol	122	4.930	4.931	-0.001	90	521555	4.00	3.97	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.016	5.020	-0.004	99	737914	4.00	3.91	
35 Benzoic acid	122	5.039	5.072	-0.033	90	281075	4.00	3.81	
36 2,4-Dichlorophenol	162	5.106	5.110	-0.004	94	439048	4.00	4.02	
37 1,2,4-Trichlorobenzene	180	5.179	5.180	-0.001	94	449029	4.00	3.85	
* 38 Naphthalene-d8	136	5.231	5.232	-0.001	99	3514849	8.00	8.00	
39 Naphthalene	128	5.250	5.254	-0.004	99	1801043	4.00	3.90	
40 4-Chloroaniline	127	5.317	5.321	-0.004	96	710058	4.00	4.46	
41 2,6-Dichlorophenol	162	5.320	5.321	-0.001	91	431146	4.00	3.97	
42 Hexachlorobutadiene	225	5.375	5.376	-0.001	92	223713	4.00	3.73	
44 Caprolactam	55	5.640	5.660	-0.020	92	163410	3.20	3.30	
45 4-Chloro-3-methylphenol	107	5.800	5.801	-0.001	97	465291	4.00	4.09	
46 2-Methylnaphthalene	142	5.911	5.916	-0.005	84	1005879	4.00	3.84	
47 1-Methylnaphthalene	142	6.004	6.009	-0.005	93	1048514	4.00	3.91	
48 Hexachlorocyclopentadiene	237	6.065	6.066	-0.001	96	303725	4.00	3.79	
49 1,2,4,5-Tetrachlorobenzene	216	6.071	6.076	-0.005	95	403981	4.00	3.88	
50 2-tertbutyl-4-methylphenol	149	6.129	6.130	-0.001	90	656906	4.00	4.00	
51 2,4,6-Trichlorophenol	196	6.190	6.195	-0.005	86	271412	4.00	4.02	
52 2,4,5-Trichlorophenol	196	6.228	6.227	0.001	94	291152	4.00	4.06	
$ 53 2-Fluorobiphenyl	172	6.273	6.275	-0.002	97	3013777	10.0	9.75	
54 1,1'-Biphenyl	154	6.363	6.364	-0.001	97	1288489	4.00	3.86	
55 2-Chloronaphthalene	162	6.372	6.377	-0.005	99	941494	4.00	3.89	
56 Phenyl ether	170	6.465	6.467	-0.002	88	630570	4.00	3.80	
57 2-Nitroaniline	65	6.484	6.489	-0.005	96	315490	4.00	4.01	
58 1,3-Dimethylnaphthalene	156	6.583	6.585	-0.002	91	682149	4.00	3.91	
59 Dimethyl phthalate	163	6.670	6.675	-0.005	98	947304	4.00	4.00	
60 Coumarin	146	6.673	6.681	-0.008	79	319143	4.00	4.09	
61 2,6-Dinitrotoluene	165	6.721	6.726	-0.005	93	218549	4.00	4.10	
62 Acenaphthylene	152	6.763	6.768	-0.005	97	1548274	4.00	3.93	
63 3-Nitroaniline	138	6.878	6.883	-0.005	93	240277	4.00	4.07	
* 64 Acenaphthene-d10	164	6.900	6.902	-0.002	96	1522185	8.00	8.00	
65 Acenaphthene	154	6.929	6.931	-0.002	96	877655	4.00	3.89	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.938	6.940	-0.002	98	699478	4.00	3.91	
67 2,4-Dinitrophenol	184	6.974	6.982	-0.008	89	232608	8.00	7.85	
68 4-Nitrophenol	65	7.060	7.065	-0.005	95	367448	8.00	7.76	
70 Dibenzofuran	168	7.092	7.097	-0.005	96	1271820	4.00	3.97	
69 2,4-Dinitrotoluene	165	7.095	7.100	-0.005	83	268219	4.00	4.21	
71 2,3,4,6-Tetrachlorophenol	232	7.217	7.219	-0.002	89	195213	4.00	4.04	
72 Diethyl phthalate	149	7.338	7.344	-0.006	97	956991	4.00	4.05	
87 n-Octadecane	57	7.361	7.363	-0.002	93	802823	4.00	3.93	
73 Fluorene	166	7.415	7.421	-0.006	94	990618	4.00	3.91	
74 4-Chlorophenyl phenyl ether	204	7.428	7.430	-0.002	83	408830	4.00	3.90	
75 4-Nitroaniline	138	7.454	7.465	-0.011	92	198961	4.00	4.17	
76 4,6-Dinitro-2-methylphenol	198	7.479	7.488	-0.009	76	277664	8.00	7.62	
77 N-Nitrosodiphenylamine	169	7.543	7.549	-0.006	70	668929	4.00	4.02	
131 Azobenzene	77	7.575	7.581	-0.006	98	1142439	4.00	3.93	
78 1,2-Diphenylhydrazine	77	7.575	7.581	-0.006	51	1142048	4.00	4.05	
$ 79 2,4,6-Tribromophenol	330	7.646	7.648	-0.002	96	389743	10.0	9.74	
80 4-Bromophenyl phenyl ether	248	7.885	7.888	-0.003	84	224902	4.00	4.04	
82 Hexachlorobenzene	284	7.930	7.933	-0.003	99	254182	4.00	3.88	
83 Atrazine	200	8.061	8.067	-0.006	87	153925	3.20	3.36	
84 Pentachlorophenol	266	8.125	8.131	-0.006	93	295557	8.00	8.16	
85 Pentachloronitrobenzene	237	8.135	8.138	-0.003	84	63825	4.00	3.91	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.295	8.298	-0.003	99	2198546	8.00	8.00	
89 Phenanthrene	178	8.318	8.320	-0.002	98	1177772	4.00	3.89	
90 Anthracene	178	8.366	8.368	-0.002	98	1198299	4.00	3.88	
91 Carbazole	167	8.529	8.535	-0.006	96	1024492	4.00	3.92	
92 Di-n-butyl phthalate	149	8.886	8.890	-0.004	99	1146958	4.00	3.89	
93 Fluoranthene	202	9.436	9.440	-0.004	96	953434	4.00	3.80	
94 Benzidine	184	9.586	9.590	-0.004	99	472303	4.00	4.36	
95 Pyrene	202	9.647	9.651	-0.004	96	971732	4.00	3.97	
96 Bisphenol-A	213	9.743	9.740	0.003	96	330119	4.00	3.82	
$ 97 Terphenyl-d14	244	9.820	9.821	-0.001	97	1911939	10.0	9.84	
98 Butyl benzyl phthalate	149	10.306	10.310	-0.004	97	380849	4.00	4.06	
100 Carbamazepine	193	10.392	10.400	-0.008	92	217702	4.00	4.22	
101 3,3'-Dichlorobenzidine	252	10.830	10.835	-0.005	98	255718	4.00	3.86	
102 Benzo[a]anthracene	228	10.834	10.838	-0.004	99	711946	4.00	4.00	
* 103 Chrysene-d12	240	10.843	10.851	-0.008	98	1064284	8.00	8.00	
104 Chrysene	228	10.869	10.877	-0.008	98	661001	4.00	3.87	
105 Bis(2-ethylhexyl) phthalate	149	10.930	10.934	-0.004	89	539057	4.00	4.34	
106 Di-n-octyl phthalate	149	11.700	11.705	-0.005	97	770959	4.00	4.19	
107 Benzo[b]fluoranthene	252	12.084	12.092	-0.008	97	606049	4.00	4.22	
108 Benzo[k]fluoranthene	252	12.119	12.130	-0.011	98	631983	4.00	4.02	
109 Benzo[a]pyrene	252	12.496	12.508	-0.012	94	549915	4.00	4.07	
* 110 Perylene-d12	264	12.576	12.581	-0.005	96	1017530	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.999	14.011	-0.012	97	558694	4.00	4.12	
112 Dibenz(a,h)anthracene	278	14.044	14.056	-0.012	96	554188	4.00	4.07	
113 Benzo[g,h,i]perylene	276	14.355	14.370	-0.015	94	546061	4.00	4.01	
S 115 Total Cresols	1				0			8.19	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL6_LVI_00010 Amount Added: 1.00 Units: mL

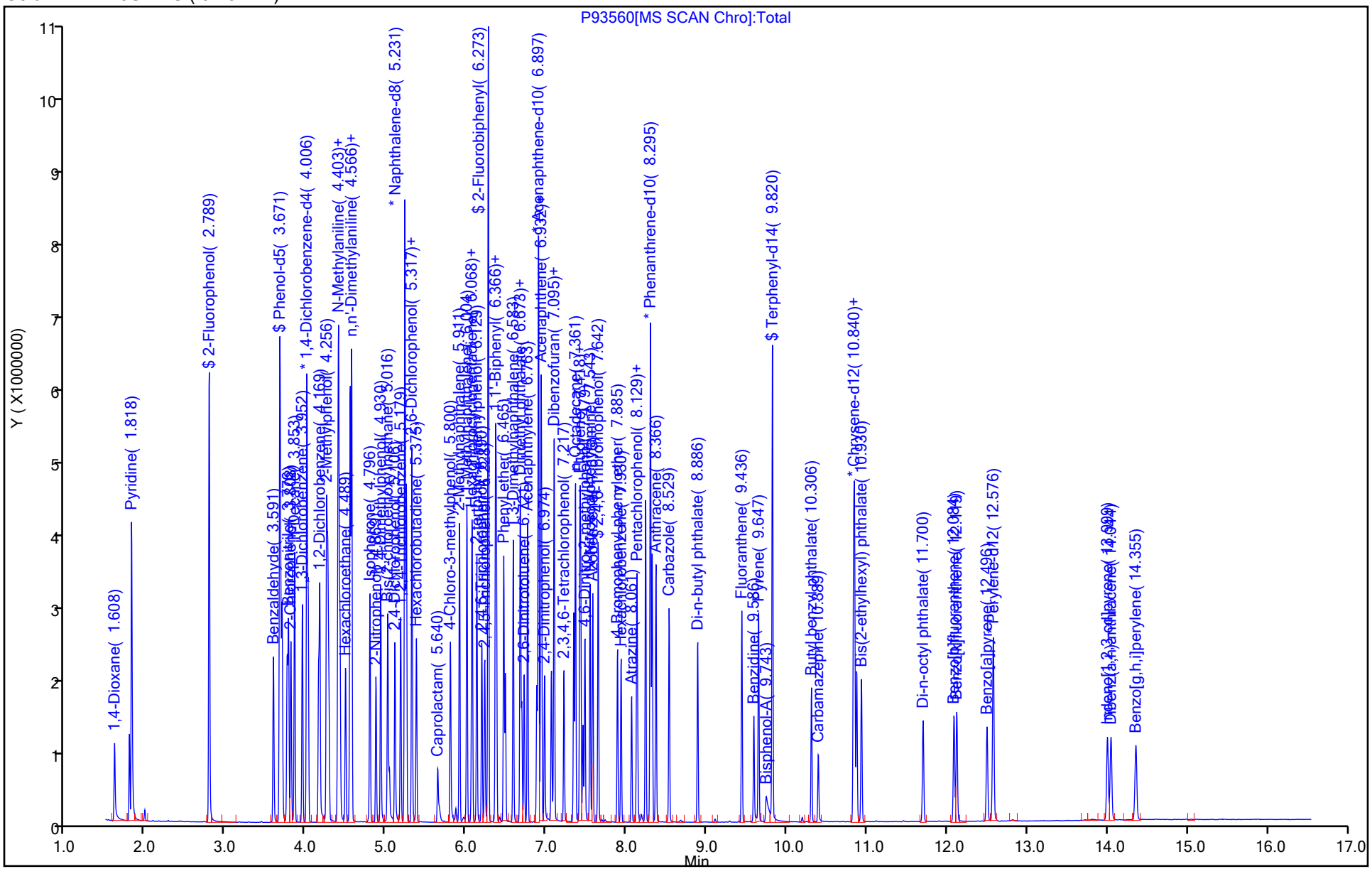
Report Date: 07-Jul-2025 16:13:08 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93560.D

Injection Date:	02-Jul-2025 11:57:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93561.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 02-Jul-2025 12:18:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0193105-006
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 07-Jul-2025 16:13:12 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 02-Jul-2025 12:41:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.605	1.608	-0.003	95	122440	2.00	1.85	
2 N-Nitrosodimethylamine	74	1.790	1.793	-0.003	91	184188	2.00	1.99	
3 Pyridine	79	1.822	1.819	0.003	93	631050	4.00	4.46	
$ 4 2-Fluorophenol	112	2.789	2.786	0.003	95	1542400	10.0	10.3	
5 Benzaldehyde	77	3.591	3.588	0.003	97	262598	2.00	2.06	
$ 6 Phenol-d5	99	3.667	3.674	-0.007	0	2055572	10.0	10.5	
7 Phenol	94	3.680	3.687	-0.007	97	389154	2.00	1.96	
8 Aniline	93	3.699	3.700	-0.001	99	463055	2.00	2.15	
9 Bis(2-chloroethyl)ether	93	3.760	3.764	-0.004	95	280676	2.00	1.96	
10 Benzonitrile	103	3.776	3.783	-0.007	99	589173	NC	NC	
11 2-Chlorophenol	128	3.808	3.809	-0.001	95	284467	2.00	2.01	
12 n-Decane	43	3.853	3.853	0.000	90	312280	2.00	2.00	
13 1,3-Dichlorobenzene	146	3.952	3.952	0.000	94	297780	2.00	1.95	
* 14 1,4-Dichlorobenzene-d4	152	4.006	4.007	-0.001	97	787944	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.025	4.023	0.002	95	298477	2.00	1.95	
17 Benzyl alcohol	108	4.153	4.157	-0.004	92	155677	2.00	2.01	
18 1,2-Dichlorobenzene	146	4.169	4.170	-0.001	94	284214	2.00	1.97	
20 2-Methylphenol	108	4.265	4.269	-0.004	90	253166	2.00	2.02	
21 2,2'-oxybis[1-chloropropane]	45	4.278	4.279	-0.001	94	388178	2.00	2.02	
22 N-Methylaniline	106	4.393	4.397	-0.004	98	451068	2.00	2.08	
23 Acetophenone	105	4.402	4.410	-0.008	92	403827	2.00	2.04	
24 N-Nitrosodi-n-propylamine	70	4.406	4.413	-0.007	89	213419	2.00	2.12	
26 4-Methylphenol	108	4.418	4.426	-0.008	94	258475	2.00	2.02	
25 3 & 4 Methylphenol	108	4.418	4.426	-0.008	0	266127	2.00	2.02	
27 Hexachloroethane	117	4.489	4.490	-0.001	93	113701	2.00	1.96	
$ 28 Nitrobenzene-d5	82	4.546	4.550	-0.004	88	1788294	10.0	10.1	
29 Nitrobenzene	123	4.565	4.570	-0.005	89	137970	2.00	2.02	
30 n,n'-Dimethylaniline	120	4.565	4.570	-0.005	85	451693	2.00	2.07	
31 Isophorone	82	4.792	4.800	-0.008	100	543942	2.00	2.00	
32 2-Nitrophenol	139	4.869	4.873	-0.004	88	141351	2.00	1.94	
33 2,4-Dimethylphenol	122	4.926	4.931	-0.005	90	233009	2.00	1.95	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.016	5.020	-0.004	99	335313	2.00	1.95	
35 Benzoic acid	122	5.019	5.072	-0.053	84	96076	2.00	1.81	
36 2,4-Dichlorophenol	162	5.105	5.110	-0.005	93	196903	2.00	1.99	
37 1,2,4-Trichlorobenzene	180	5.176	5.180	-0.004	93	217541	2.00	2.05	
* 38 Naphthalene-d8	136	5.230	5.232	-0.002	99	3193970	8.00	8.00	
39 Naphthalene	128	5.249	5.254	-0.005	99	809882	2.00	1.93	
40 4-Chloroaniline	127	5.317	5.321	-0.004	94	318476	2.00	2.20	
41 2,6-Dichlorophenol	162	5.320	5.321	-0.001	88	194630	2.00	1.97	
42 Hexachlorobutadiene	225	5.374	5.376	-0.002	93	102619	2.00	1.88	
44 Caprolactam	55	5.633	5.660	-0.027	91	93328	2.00	2.07	
45 4-Chloro-3-methylphenol	107	5.799	5.801	-0.002	97	208679	2.00	2.02	
46 2-Methylnaphthalene	142	5.911	5.916	-0.005	84	459523	2.00	1.93	
47 1-Methylnaphthalene	142	6.004	6.009	-0.005	93	483826	2.00	1.98	
48 Hexachlorocyclopentadiene	237	6.064	6.066	-0.002	94	133888	2.00	1.82	
49 1,2,4,5-Tetrachlorobenzene	216	6.071	6.076	-0.005	95	184860	2.00	1.94	
50 2-tertbutyl-4-methylphenol	149	6.128	6.130	-0.002	90	303317	2.00	2.04	
51 2,4,6-Trichlorophenol	196	6.192	6.195	-0.003	85	122009	2.00	1.97	
52 2,4,5-Trichlorophenol	196	6.228	6.227	0.001	93	127952	2.00	1.94	
$ 53 2-Fluorobiphenyl	172	6.272	6.275	-0.003	98	2900872	10.0	10.2	
54 1,1'-Biphenyl	154	6.362	6.364	-0.002	97	592012	2.00	1.93	
55 2-Chloronaphthalene	162	6.371	6.377	-0.006	98	434720	2.00	1.96	
56 Phenyl ether	170	6.464	6.467	-0.003	88	301365	2.00	1.98	
57 2-Nitroaniline	65	6.483	6.489	-0.006	95	140008	2.00	1.94	
58 1,3-Dimethylnaphthalene	156	6.582	6.585	-0.003	91	320166	2.00	2.00	
59 Dimethyl phthalate	163	6.666	6.675	-0.009	98	436226	2.00	2.01	
60 Coumarin	146	6.672	6.681	-0.009	81	150269	2.00	2.12	
61 2,6-Dinitrotoluene	165	6.717	6.726	-0.009	93	99877	2.00	2.04	
62 Acenaphthylene	152	6.762	6.768	-0.006	97	712347	2.00	1.97	
63 3-Nitroaniline	138	6.877	6.883	-0.006	93	108512	2.00	2.00	
* 64 Acenaphthene-d10	164	6.896	6.902	-0.006	97	1396199	8.00	8.00	
65 Acenaphthene	154	6.928	6.931	-0.003	97	404959	2.00	1.96	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.937	6.940	-0.003	98	330184	2.00	2.01	
67 2,4-Dinitrophenol	184	6.973	6.982	-0.009	90	94879	4.00	3.70	
68 4-Nitrophenol	65	7.059	7.065	-0.006	94	156895	4.00	3.72	
70 Dibenzofuran	168	7.091	7.097	-0.006	98	585385	2.00	1.99	
69 2,4-Dinitrotoluene	165	7.094	7.100	-0.006	90	128067	2.00	2.19	
71 2,3,4,6-Tetrachlorophenol	232	7.216	7.219	-0.003	89	88823	2.00	2.00	
72 Diethyl phthalate	149	7.337	7.344	-0.007	97	426442	2.00	1.97	
87 n-Octadecane	57	7.360	7.363	-0.003	93	364061	2.00	1.88	
73 Fluorene	166	7.414	7.421	-0.007	94	463388	2.00	1.99	
74 4-Chlorophenyl phenyl ether	204	7.427	7.430	-0.003	84	190997	2.00	1.99	
75 4-Nitroaniline	138	7.449	7.465	-0.016	93	88794	2.00	2.03	
76 4,6-Dinitro-2-methylphenol	198	7.475	7.488	-0.013	76	128059	4.00	3.81	
77 N-Nitrosodiphenylamine	169	7.542	7.549	-0.007	71	314153	2.00	1.99	
131 Azobenzene	77	7.574	7.581	-0.007	98	528647	2.00	1.92	
78 1,2-Diphenylhydrazine	77	7.574	7.581	-0.007	51	528647	2.00	1.98	
$ 79 2,4,6-Tribromophenol	330	7.644	7.648	-0.004	96	376326	10.0	10.3	
80 4-Bromophenyl phenyl ether	248	7.884	7.888	-0.004	87	99772	2.00	1.89	
82 Hexachlorobenzene	284	7.929	7.933	-0.004	98	118219	2.00	1.91	
83 Atrazine	200	8.060	8.067	-0.007	87	88890	2.00	2.05	
84 Pentachlorophenol	266	8.124	8.131	-0.007	93	131061	4.00	3.82	
85 Pentachloronitrobenzene	237	8.133	8.138	-0.005	84	30006	2.00	1.94	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.297	8.298	-0.001	99	2080408	8.00	8.00	
89 Phenanthrene	178	8.316	8.320	-0.004	98	562333	2.00	1.96	
90 Anthracene	178	8.364	8.368	-0.004	98	575586	2.00	1.97	
91 Carbazole	167	8.527	8.535	-0.008	96	475544	2.00	1.92	
92 Di-n-butyl phthalate	149	8.885	8.890	-0.005	99	520334	2.00	1.86	
93 Fluoranthene	202	9.434	9.440	-0.006	97	459228	2.00	1.94	
94 Benzidine	184	9.587	9.590	-0.003	99	218417	2.00	2.29	
95 Pyrene	202	9.645	9.651	-0.006	95	460986	2.00	1.88	
96 Bisphenol-A	213	9.744	9.740	0.004	96	161988	2.00	1.88	Ma
$ 97 Terphenyl-d14	244	9.818	9.821	-0.003	97	1990482	10.0	10.3	
98 Butyl benzyl phthalate	149	10.304	10.310	-0.006	96	176125	2.00	1.88	
100 Carbamazepine	193	10.390	10.400	-0.010	93	89927	2.00	1.93	
101 3,3'-Dichlorobenzidine	252	10.828	10.835	-0.007	96	121821	2.00	1.87	
102 Benzo[a]anthracene	228	10.831	10.838	-0.007	99	347430	2.00	1.95	
* 103 Chrysene-d12	240	10.841	10.851	-0.010	99	1062478	8.00	8.00	
104 Chrysene	228	10.870	10.877	-0.007	97	310979	2.00	1.82	
105 Bis(2-ethylhexyl) phthalate	149	10.927	10.934	-0.007	89	245526	2.00	2.13	
106 Di-n-octyl phthalate	149	11.697	11.705	-0.008	97	331096	2.00	1.94	
107 Benzo[b]fluoranthene	252	12.084	12.092	-0.008	97	286653	2.00	2.07	
108 Benzo[k]fluoranthene	252	12.119	12.130	-0.011	98	306941	2.00	1.99	
109 Benzo[a]pyrene	252	12.496	12.508	-0.012	95	268335	2.00	2.03	
* 110 Perylene-d12	264	12.573	12.581	-0.008	96	996261	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.999	14.011	-0.012	96	253591	2.00	1.91	
112 Dibenz(a,h)anthracene	278	14.044	14.056	-0.012	97	263926	2.00	1.98	
113 Benzo[g,h,i]perylene	276	14.351	14.370	-0.019	95	261730	2.00	1.96	
S 115 Total Cresols	1				0			4.04	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL5_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 07-Jul-2025 16:13:14 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93561.D

Injection Date: 02-Jul-2025 12:18:30 Instrument ID: CBNAMS18 Operator ID:

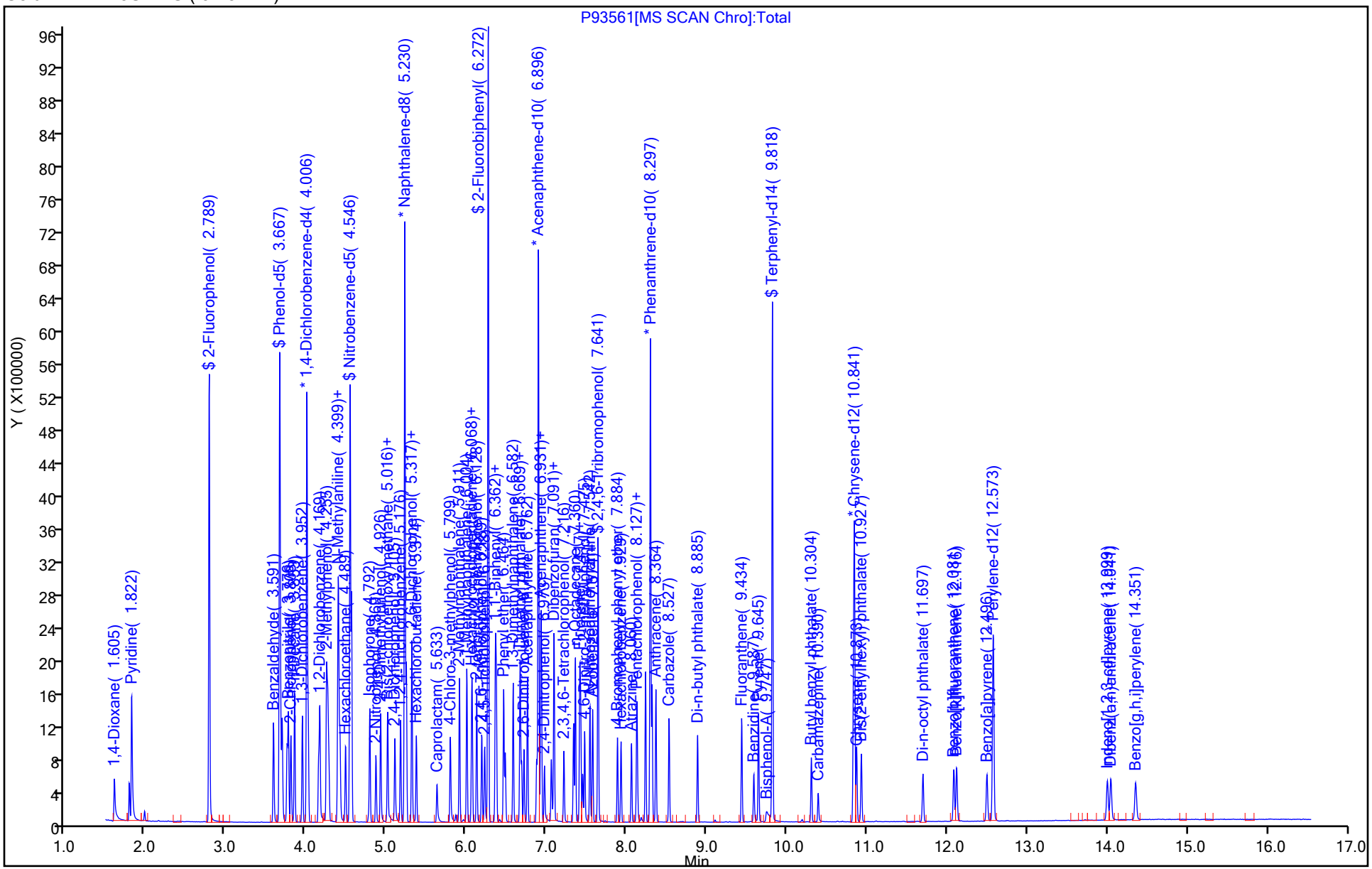
Lims ID: STD2 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

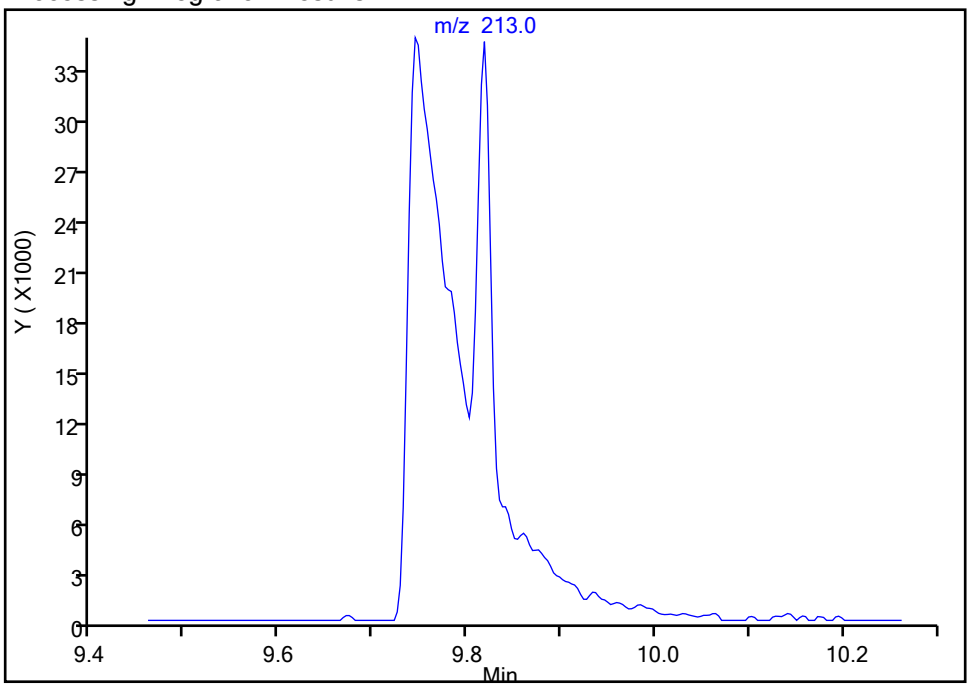
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93561.D
Injection Date: 02-Jul-2025 12:18:30 Instrument ID: CBNAMS18
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

96 Bisphenol-A, CAS: 80-05-7

Signal: 1

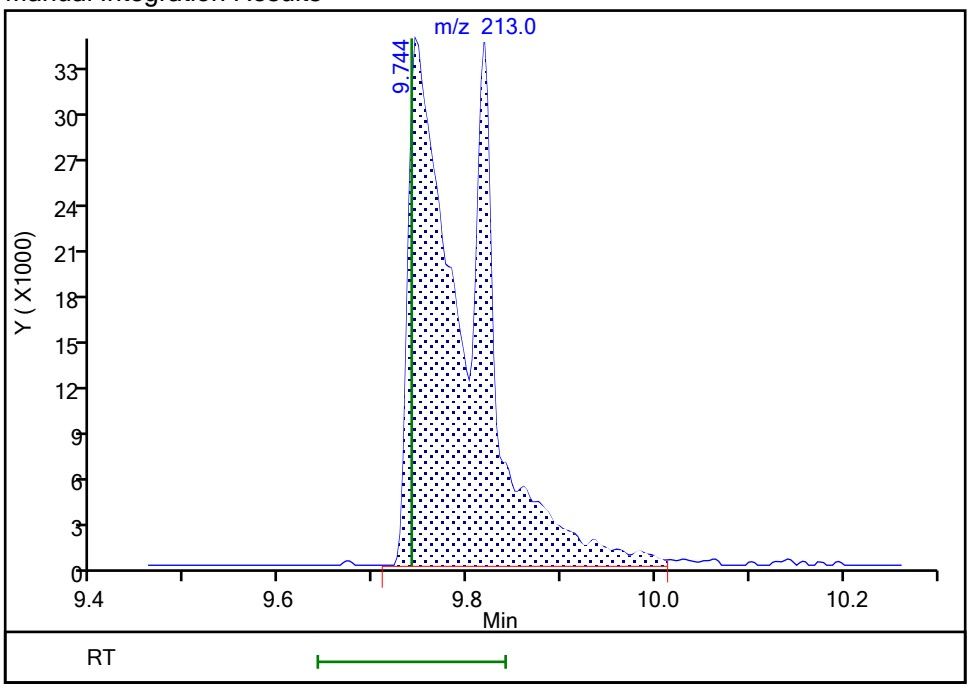
Not Detected
Expected RT: 9.74

Processing Integration Results



Manual Integration Results

RT: 9.74
Area: 161988
Amount: 1.878044
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 12:40:46 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93562.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 02-Jul-2025 12:39:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0193105-007
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 07-Jul-2025 16:13:18 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 02-Jul-2025 13:03:40

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.604	1.608	-0.004	96	64832	1.00	0.8972	
	2 N-Nitrosodimethylamine	74	1.793	1.793	0.000	91	88478	1.00	0.9473	
	3 Pyridine	79	1.822	1.819	0.003	92	303787	2.00	2.12	
$	4 2-Fluorophenol	112	2.786	2.786	0.000	95	1558235	10.0	10.3	
	5 Benzaldehyde	77	3.591	3.588	0.003	97	126797	1.00	0.9860	
$	6 Phenol-d5	99	3.667	3.674	-0.007	0	2072447	10.0	10.5	
	7 Phenol	94	3.680	3.687	-0.007	97	199998	1.00	1.00	
	8 Aniline	93	3.699	3.700	-0.001	99	227837	1.00	1.05	
	9 Bis(2-chloroethyl)ether	93	3.757	3.764	-0.007	95	144537	1.00	1.00	
	10 Benzonitrile	103	3.776	3.783	-0.007	98	286073	NC	NC	
	11 2-Chlorophenol	128	3.808	3.809	-0.001	95	143833	1.00	1.01	
	12 n-Decane	43	3.853	3.853	0.000	89	152583	1.00	0.9674	
	13 1,3-Dichlorobenzene	146	3.952	3.952	0.000	95	152100	1.00	0.9860	
*	14 1,4-Dichlorobenzene-d4	152	4.006	4.007	-0.001	97	795538	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.022	4.023	-0.001	92	152893	1.00	0.99	
	17 Benzyl alcohol	108	4.156	4.157	-0.001	93	71317	1.00	0.9124	
	18 1,2-Dichlorobenzene	146	4.169	4.170	-0.001	94	145200	1.00	1.00	
	20 2-Methylphenol	108	4.265	4.269	-0.004	90	124678	1.00	0.9872	
	21 2,2'-oxybis[1-chloropropane]	45	4.278	4.279	-0.001	94	200362	1.00	1.03	
	22 N-Methylaniline	106	4.393	4.397	-0.004	94	219448	1.00	1.00	
	23 Acetophenone	105	4.399	4.410	-0.011	90	202221	1.00	1.01	
	24 N-Nitrosodi-n-propylamine	70	4.402	4.413	-0.011	88	106756	1.00	1.05	
	26 4-Methylphenol	108	4.421	4.426	-0.005	95	130994	1.00	1.01	
	25 3 & 4 Methylphenol	108	4.421	4.426	-0.005	0	139497	1.00	1.05	
	27 Hexachloroethane	117	4.488	4.490	-0.002	92	56221	1.00	0.9581	
$	28 Nitrobenzene-d5	82	4.546	4.550	-0.004	96	1809155	10.0	10.1	
	29 Nitrobenzene	123	4.562	4.570	-0.008	90	70844	1.00	1.03	
	30 n,n'-Dimethylaniline	120	4.565	4.570	-0.005	86	223463	1.00	1.01	
	31 Isophorone	82	4.792	4.800	-0.008	100	273280	1.00	0.9878	
	32 2-Nitrophenol	139	4.869	4.873	-0.004	92	72977	1.00	0.9849	
	33 2,4-Dimethylphenol	122	4.929	4.931	-0.002	91	119577	1.00	0.9876	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.016	5.020	-0.004	98	171241	1.00	0.9838	
35 Benzoic acid	122	5.012	5.072	-0.060	87	36430	1.00	1.06	
36 2,4-Dichlorophenol	162	5.108	5.110	-0.002	93	99730	1.00	0.99	
37 1,2,4-Trichlorobenzene	180	5.175	5.180	-0.005	94	105745	1.00	0.9822	
* 38 Naphthalene-d8	136	5.230	5.232	-0.002	99	3241146	8.00	8.00	
39 Naphthalene	128	5.249	5.254	-0.005	99	413946	1.00	0.9729	
40 4-Chloroaniline	127	5.319	5.321	-0.002	89	160454	1.00	1.09	
41 2,6-Dichlorophenol	162	5.319	5.321	-0.002	83	100435	1.00	1.00	
42 Hexachlorobutadiene	225	5.374	5.376	-0.002	92	54189	1.00	0.9793	
44 Caprolactam	55	5.626	5.660	-0.034	91	43323	1.00	0.9488	
45 4-Chloro-3-methylphenol	107	5.798	5.801	-0.003	96	104098	1.00	0.99	
46 2-Methylnaphthalene	142	5.913	5.916	-0.003	86	241651	1.00	1.00	
47 1-Methylnaphthalene	142	6.003	6.009	-0.006	93	241994	1.00	0.9784	
48 Hexachlorocyclopentadiene	237	6.064	6.066	-0.002	95	70073	1.00	0.9171	
49 1,2,4,5-Tetrachlorobenzene	216	6.070	6.076	-0.006	94	93587	1.00	0.9431	
50 2-tertbutyl-4-methylphenol	149	6.128	6.130	-0.002	90	149526	1.00	0.9886	
51 2,4,6-Trichlorophenol	196	6.192	6.195	-0.003	86	62468	1.00	0.9690	
52 2,4,5-Trichlorophenol	196	6.227	6.227	0.000	93	66441	1.00	0.9704	
$ 53 2-Fluorobiphenyl	172	6.272	6.275	-0.003	97	2978849	10.0	10.1	
54 1,1'-Biphenyl	154	6.361	6.364	-0.003	97	303294	1.00	0.9516	
55 2-Chloronaphthalene	162	6.374	6.377	-0.003	98	224577	1.00	0.9719	
56 Phenyl ether	170	6.463	6.467	-0.004	88	151704	1.00	0.9580	
57 2-Nitroaniline	65	6.483	6.489	-0.006	95	73432	1.00	0.9776	
58 1,3-Dimethylnaphthalene	156	6.582	6.585	-0.003	90	154917	1.00	0.9309	
59 Dimethyl phthalate	163	6.665	6.675	-0.010	98	234305	1.00	1.04	
60 Coumarin	146	6.671	6.681	-0.010	79	73262	1.00	1.02	
61 2,6-Dinitrotoluene	165	6.716	6.726	-0.010	96	52977	1.00	1.04	
62 Acenaphthylene	152	6.761	6.768	-0.007	97	368218	1.00	0.9804	
63 3-Nitroaniline	138	6.876	6.883	-0.007	93	57636	1.00	1.02	
* 64 Acenaphthene-d10	164	6.898	6.902	-0.004	99	1452346	8.00	8.00	
65 Acenaphthene	154	6.927	6.931	-0.004	97	212869	1.00	0.9888	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.936	6.940	-0.004	98	161566	1.00	0.9465	
67 2,4-Dinitrophenol	184	6.975	6.982	-0.007	85	38002	2.00	1.60	
68 4-Nitrophenol	65	7.061	7.065	-0.004	94	74260	2.00	1.80	
70 Dibenzofuran	168	7.090	7.097	-0.007	98	302341	1.00	0.9897	
69 2,4-Dinitrotoluene	165	7.093	7.100	-0.007	89	62616	1.00	1.03	
71 2,3,4,6-Tetrachlorophenol	232	7.218	7.219	-0.001	89	46356	1.00	1.01	
72 Diethyl phthalate	149	7.336	7.344	-0.008	97	226547	1.00	1.01	
87 n-Octadecane	57	7.358	7.363	-0.005	93	190385	1.00	0.9391	
73 Fluorene	166	7.413	7.421	-0.008	95	243409	1.00	1.01	
74 4-Chlorophenyl phenyl ether	204	7.426	7.430	-0.004	88	100974	1.00	1.01	
75 4-Nitroaniline	138	7.451	7.465	-0.014	94	41966	1.00	0.9229	
76 4,6-Dinitro-2-methylphenol	198	7.474	7.488	-0.014	75	58899	2.00	1.79	
77 N-Nitrosodiphenylamine	169	7.541	7.549	-0.008	71	161351	1.00	0.9774	
131 Azobenzene	77	7.573	7.581	-0.008	98	275940	1.00	0.9580	
78 1,2-Diphenylhydrazine	77	7.573	7.581	-0.008	51	275940	1.00	0.9856	
$ 79 2,4,6-Tribromophenol	330	7.643	7.648	-0.005	96	397181	10.0	10.4	
80 4-Bromophenyl phenyl ether	248	7.886	7.888	-0.002	81	55470	1.00	1.00	
82 Hexachlorobenzene	284	7.928	7.933	-0.005	98	63269	1.00	0.9734	
83 Atrazine	200	8.059	8.067	-0.008	88	44308	1.00	0.9752	
84 Pentachlorophenol	266	8.126	8.131	-0.005	92	63795	2.00	1.78	
85 Pentachloronitrobenzene	237	8.132	8.138	-0.006	82	14550	1.00	0.8977	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.295	8.298	-0.003	99	2180968	8.00	8.00	
89 Phenanthrene	178	8.315	8.320	-0.006	98	303639	1.00	1.01	
90 Anthracene	178	8.363	8.368	-0.006	98	295679	1.00	0.9640	
91 Carbazole	167	8.529	8.535	-0.006	96	245912	1.00	0.9489	
92 Di-n-butyl phthalate	149	8.883	8.890	-0.007	99	265286	1.00	0.9068	
93 Fluoranthene	202	9.436	9.440	-0.004	96	236535	1.00	0.9509	
94 Benzidine	184	9.586	9.590	-0.004	99	95239	1.00	1.01	
95 Pyrene	202	9.643	9.651	-0.008	96	243722	1.00	1.01	
96 Bisphenol-A	213	9.816	9.740	0.076	95	86440	1.00	1.01	Ma
$ 97 Terphenyl-d14	244	9.819	9.821	-0.002	97	2001790	10.0	10.4	
98 Butyl benzyl phthalate	149	10.305	10.310	-0.005	97	81426	1.00	0.8796	
100 Carbamazepine	193	10.388	10.400	-0.012	93	33783	1.00	0.8250	
101 3,3'-Dichlorobenzidine	252	10.829	10.835	-0.006	96	55072	1.00	0.8695	
102 Benzo[a]anthracene	228	10.832	10.838	-0.006	99	171171	1.00	0.9605	
* 103 Chrysene-d12	240	10.842	10.851	-0.009	99	1051437	8.00	8.00	
104 Chrysene	228	10.867	10.877	-0.010	99	161489	1.00	0.9575	
105 Bis(2-ethylhexyl) phthalate	149	10.928	10.934	-0.006	89	112408	1.00	1.02	
106 Di-n-octyl phthalate	149	11.698	11.705	-0.007	97	143926	1.00	0.9055	
107 Benzo[b]fluoranthene	252	12.082	12.092	-0.010	97	141917	1.00	1.05	
108 Benzo[k]fluoranthene	252	12.117	12.130	-0.013	98	146420	1.00	0.9627	
109 Benzo[a]pyrene	252	12.494	12.508	-0.014	94	127643	1.00	0.9755	
* 110 Perylene-d12	264	12.574	12.581	-0.007	97	984721	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.000	14.011	-0.011	97	124459	1.00	0.9486	
112 Dibenz(a,h)anthracene	278	14.041	14.056	-0.015	97	127547	1.00	0.9680	
113 Benzo[g,h,i]perylene	276	14.352	14.370	-0.018	94	124070	1.00	0.9403	
S 115 Total Cresols	1				0			2.04	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNAL4_LVI_00009 Amount Added: 1.00 Units: mL

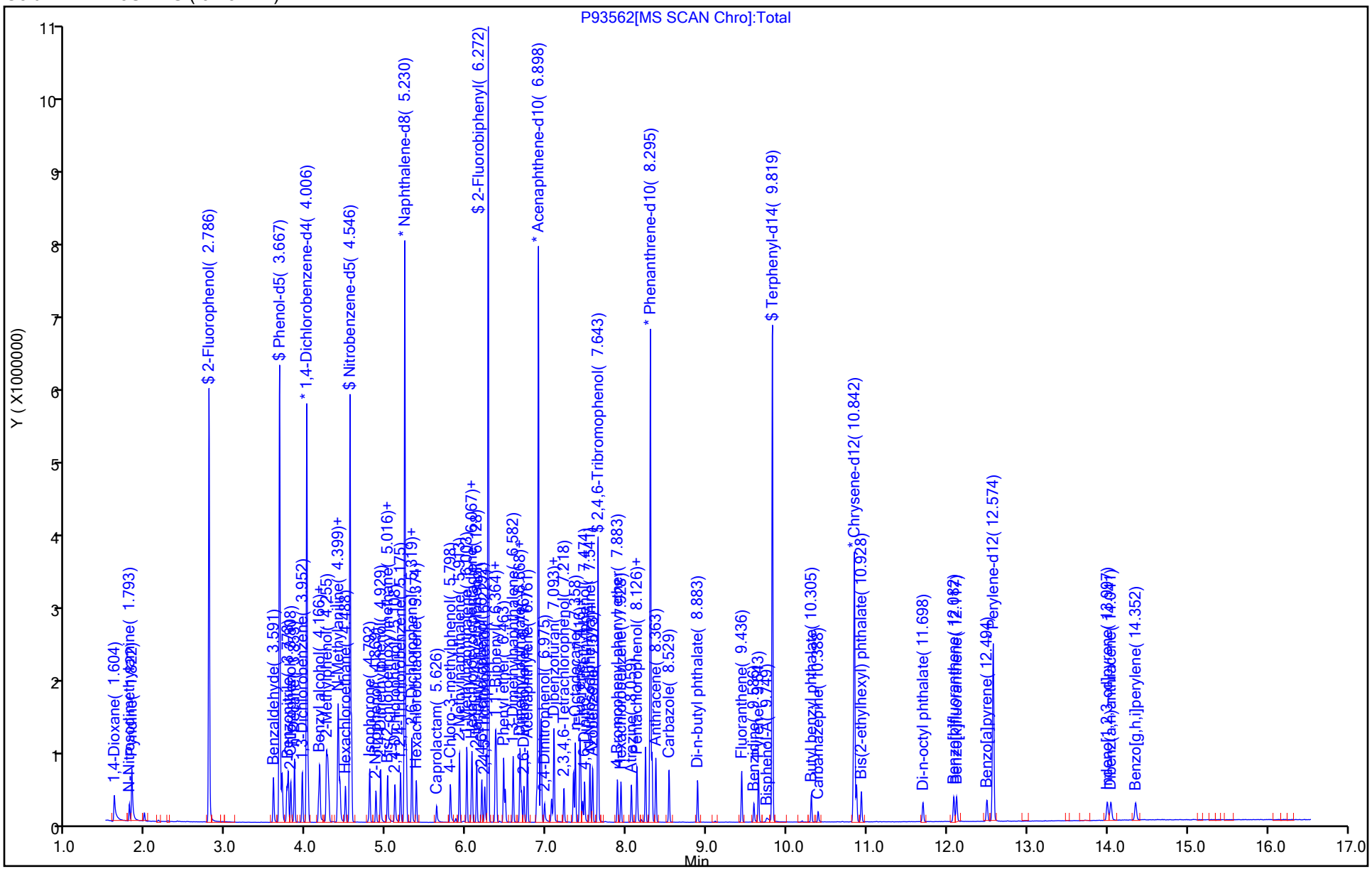
Report Date: 07-Jul-2025 16:13:20 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93562.D

Injection Date:	02-Jul-2025 12:39:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

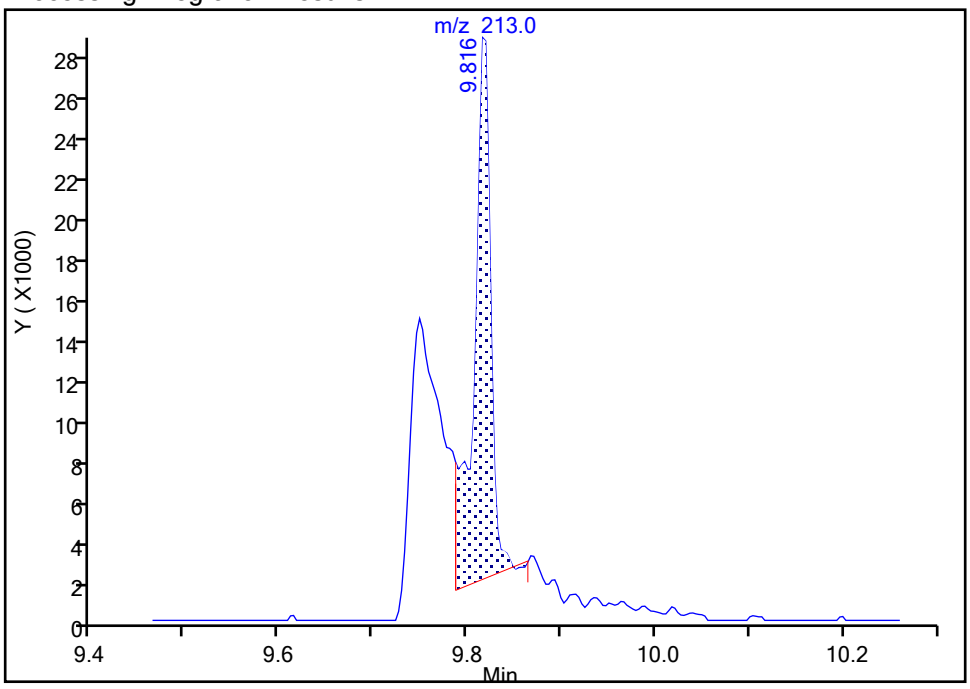
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93562.D
Injection Date: 02-Jul-2025 12:39:30 Instrument ID: CBNAMS18
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

96 Bisphenol-A, CAS: 80-05-7

Signal: 1

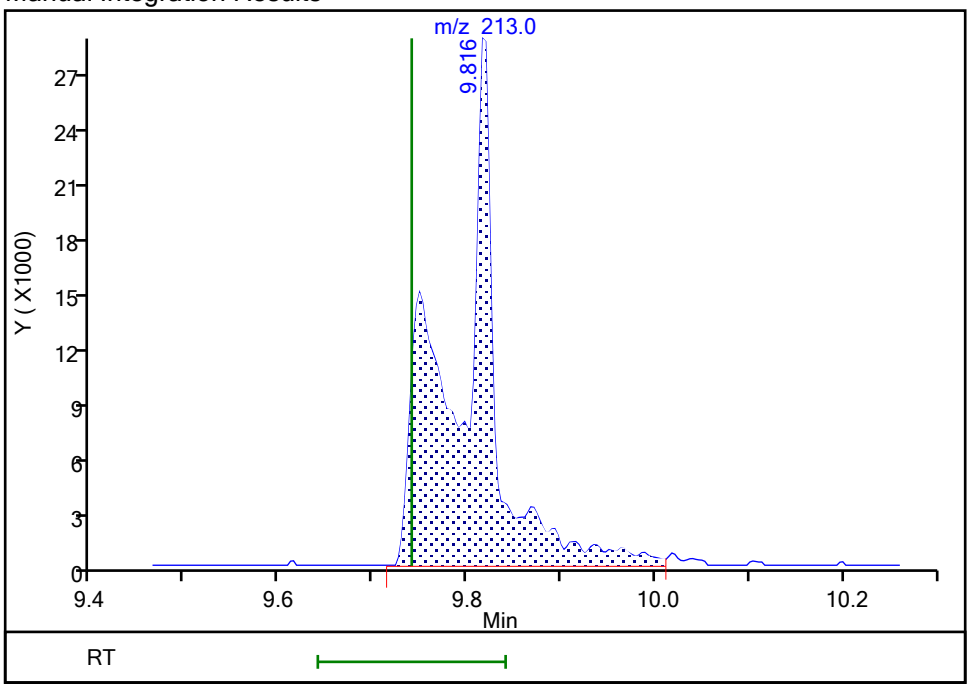
Processing Integration Results

RT: 9.82
Area: 32842
Amount: 0.933742
Amount Units: ug/ml



Manual Integration Results

RT: 9.82
Area: 86440
Amount: 1.012685
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 13:03:03 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93563.D
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Jul-2025 13:01:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0193105-008
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 07-Jul-2025 16:13:23 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 02-Jul-2025 13:22:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.786	2.786	0.000	95	1597640	10.0	10.3	
5 Benzaldehyde	77	3.591	3.588	0.003	94	49674	0.4000	0.3758	
$ 6 Phenol-d5	99	3.667	3.674	-0.007	0	2097795	10.0	10.4	
* 14 1,4-Dichlorobenzene-d4	152	4.006	4.007	-0.001	97	817577	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.546	4.550	-0.004	88	1890798	10.0	10.3	
* 38 Naphthalene-d8	136	5.229	5.232	-0.003	99	3332995	8.00	8.00	
44 Caprolactam	55	5.626	5.660	-0.034	90	16457	0.4000	0.3505	
$ 53 2-Fluorobiphenyl	172	6.271	6.275	-0.004	97	3096920	10.0	10.2	
* 64 Acenaphthene-d10	164	6.897	6.902	-0.005	97	1496737	8.00	8.00	
67 2,4-Dinitrophenol	184	6.980	6.982	-0.002	92	11171	0.8000	0.6467	
$ 79 2,4,6-Tribromophenol	330	7.642	7.648	-0.006	96	425282	10.0	10.8	
83 Atrazine	200	8.057	8.067	-0.010	86	17668	0.4000	0.3600	
* 88 Phenanthrene-d10	188	8.294	8.298	-0.004	99	2355656	8.00	8.00	
94 Benzidine	184	9.591	9.590	0.001	99	28153	0.4000	0.2999	
$ 97 Terphenyl-d14	244	9.818	9.821	-0.003	97	2163215	10.0	10.6	
* 103 Chrysene-d12	240	10.843	10.851	-0.008	98	1115946	8.00	8.00	
* 110 Perylene-d12	264	12.575	12.581	-0.006	97	1027656	8.00	8.00	

QC Flag Legend
Processing Flags

Reagents:
SV_BNAL3_LVI_00009 Amount Added: 1.00 Units: mL

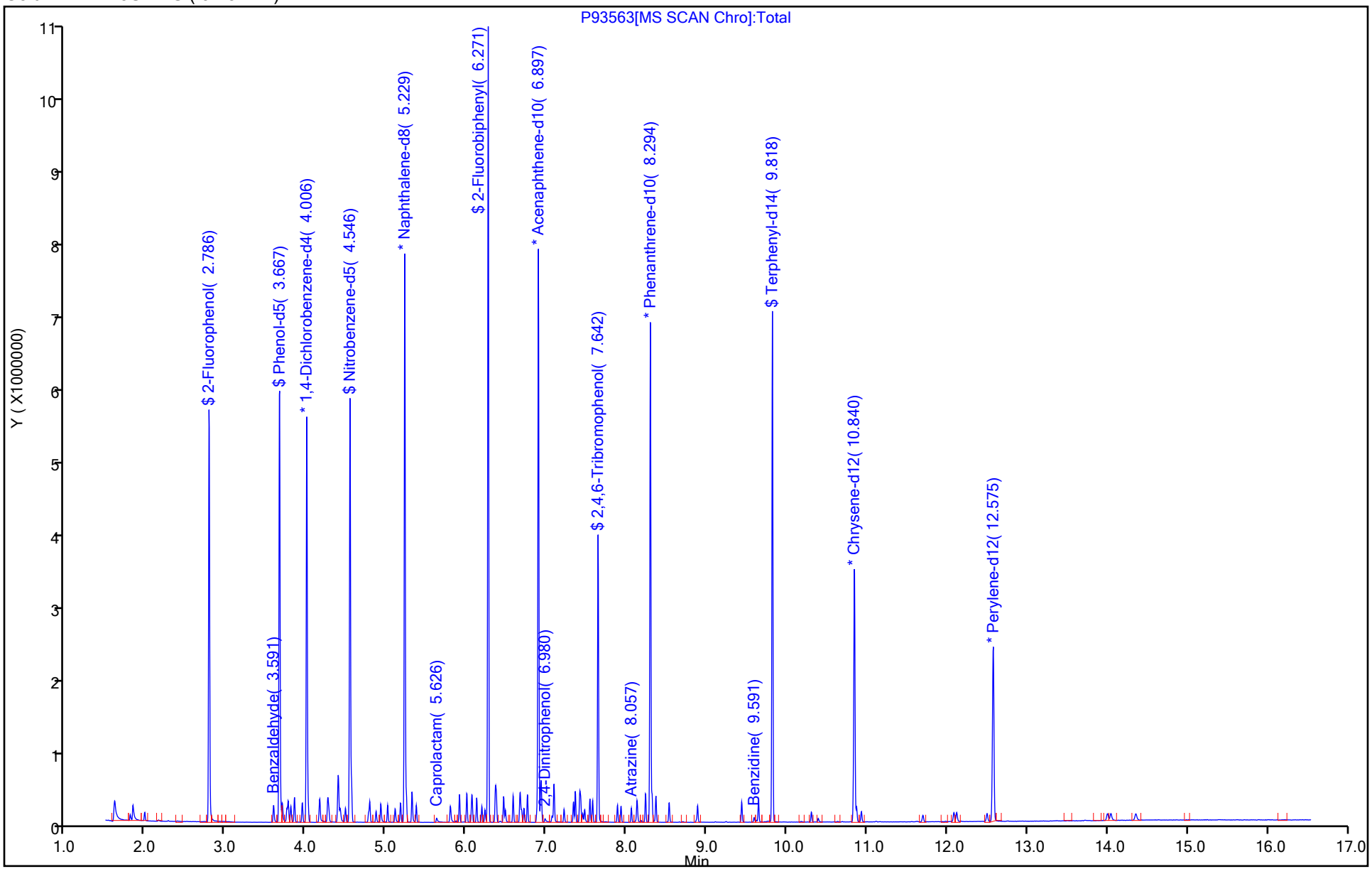
Report Date: 07-Jul-2025 16:13:24 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93563.D

Injection Date:	02-Jul-2025 13:01:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	STD04			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93564.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 02-Jul-2025 13:22:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0193105-009
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 07-Jul-2025 16:13:27 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 02-Jul-2025 13:46:14

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.608	1.608	0.000	89	27025	0.2000	0.2592	
	2 N-Nitrosodimethylamine	74	1.806	1.793	0.013	86	17166	0.2000	0.1743	
	3 Pyridine	79	1.844	1.819	0.025	94	51650	0.4000	0.3426	
$	4 2-Fluorophenol	112	2.786	2.786	0.000	95	1600507	10.0	10.1	
	5 Benzaldehyde	77	3.594	3.588	0.006	96	27971	0.2000	0.2063	
$	6 Phenol-d5	99	3.667	3.674	-0.007	0	2122707	10.0	10.2	
	7 Phenol	94	3.677	3.687	-0.010	95	41973	0.2000	0.1990	
	8 Aniline	93	3.705	3.700	0.005	98	37275	0.2000	0.1628	
	9 Bis(2-chloroethyl)ether	93	3.760	3.764	-0.004	97	29856	0.2000	0.1955	
	10 Benzonitrile	103	3.776	3.783	-0.007	98	59173	NC	NC	
	11 2-Chlorophenol	128	3.808	3.809	-0.001	94	28411	0.2000	0.1886	
	12 n-Decane	43	3.852	3.853	-0.001	89	32847	0.2000	0.1975	
	13 1,3-Dichlorobenzene	146	3.951	3.952	-0.001	94	31896	0.2000	0.1961	
*	14 1,4-Dichlorobenzene-d4	152	4.006	4.007	-0.001	97	838838	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.022	4.023	-0.001	90	32427	0.2000	0.1994	
	17 Benzyl alcohol	108	4.172	4.157	0.015	55	10611	0.2000	0.1287	M
	18 1,2-Dichlorobenzene	146	4.169	4.170	-0.001	92	30032	0.2000	0.1960	
	20 2-Methylphenol	108	4.268	4.269	-0.001	88	24535	0.2000	0.1842	
	21 2,2'-oxybis[1-chloropropane]	45	4.277	4.279	-0.002	92	40124	0.2000	0.1957	
	22 N-Methylaniline	106	4.395	4.397	-0.002	98	41635	0.2000	0.1806	
	23 Acetophenone	105	4.402	4.410	-0.008	91	41992	0.2000	0.1992	
	24 N-Nitrosodi-n-propylamine	70	4.405	4.413	-0.008	85	21953	0.2000	0.2050	
	26 4-Methylphenol	108	4.427	4.426	0.001	97	24065	0.2000	0.1765	
	25 3 & 4 Methylphenol	108	4.427	4.426	0.001	0	25152	0.2000	0.1794	
	27 Hexachloroethane	117	4.488	4.490	-0.002	91	11920	0.2000	0.1926	
$	28 Nitrobenzene-d5	82	4.546	4.550	-0.004	90	1865092	10.0	10.2	
	29 Nitrobenzene	123	4.565	4.570	-0.005	91	15789	0.2000	0.2169	
	30 n,n'-Dimethylaniline	120	4.565	4.570	-0.005	91	42105	0.2000	0.1811	
	31 Isophorone	82	4.791	4.800	-0.009	99	54289	0.2000	0.1925	
	32 2-Nitrophenol	139	4.875	4.873	0.002	87	13072	0.2000	0.1731	
	33 2,4-Dimethylphenol	122	4.932	4.931	0.001	89	22544	0.2000	0.1827	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.015	5.020	-0.005	99	36151	0.2000	0.2037	
36 2,4-Dichlorophenol	162	5.114	5.110	0.004	95	17047	0.2000	0.1662	
37 1,2,4-Trichlorobenzene	180	5.178	5.180	-0.002	92	24024	0.2000	0.2189	
* 38 Naphthalene-d8	136	5.229	5.232	-0.003	99	3303985	8.00	8.00	
39 Naphthalene	128	5.248	5.254	-0.006	99	87321	0.2000	0.2013	
40 4-Chloroaniline	127	5.325	5.321	0.004	94	28480	0.2000	0.1901	
41 2,6-Dichlorophenol	162	5.322	5.321	0.001	91	19800	0.2000	0.1941	
42 Hexachlorobutadiene	225	5.373	5.376	-0.003	91	10812	0.2000	0.1917	
44 Caprolactam	55	5.635	5.660	-0.025	87	6818	0.2000	0.1465	
45 4-Chloro-3-methylphenol	107	5.804	5.801	0.003	94	18094	0.2000	0.1694	
46 2-Methylnaphthalene	142	5.913	5.916	-0.003	84	47992	0.2000	0.1948	
47 1-Methylnaphthalene	142	6.005	6.009	-0.004	94	51303	0.2000	0.2035	
48 Hexachlorocyclopentadiene	237	6.063	6.066	-0.003	94	14071	0.2000	0.1790	
49 1,2,4,5-Tetrachlorobenzene	216	6.072	6.076	-0.004	95	19376	0.2000	0.1898	
50 2-tertbutyl-4-methylphenol	149	6.127	6.130	-0.003	89	28078	0.2000	0.1821	
51 2,4,6-Trichlorophenol	196	6.194	6.195	-0.001	85	11727	0.2000	0.1769	
52 2,4,5-Trichlorophenol	196	6.232	6.227	0.005	92	12248	0.2000	0.1739	
$ 53 2-Fluorobiphenyl	172	6.270	6.275	-0.005	97	3007722	10.0	9.92	
54 1,1'-Biphenyl	154	6.360	6.364	-0.004	96	64591	0.2000	0.1970	
55 2-Chloronaphthalene	162	6.373	6.377	-0.004	96	46003	0.2000	0.1936	
56 Phenyl ether	170	6.465	6.467	-0.002	87	31424	0.2000	0.1929	
57 2-Nitroaniline	65	6.488	6.489	-0.001	95	14002	0.2000	0.1812	
58 1,3-Dimethylnaphthalene	156	6.584	6.585	-0.001	95	33946	0.2000	0.1983	
59 Dimethyl phthalate	163	6.667	6.675	-0.008	99	43518	0.2000	0.1875	
60 Coumarin	146	6.676	6.681	-0.005	75	14266	0.2000	0.1944	
61 2,6-Dinitrotoluene	165	6.718	6.726	-0.008	90	9681	0.2000	0.1850	
62 Acenaphthylene	152	6.762	6.768	-0.006	96	72784	0.2000	0.1884	
63 3-Nitroaniline	138	6.881	6.883	-0.002	87	9617	0.2000	0.1659	a
* 64 Acenaphthene-d10	164	6.897	6.902	-0.005	97	1493767	8.00	8.00	
65 Acenaphthene	154	6.925	6.931	-0.006	95	45443	0.2000	0.2052	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.935	6.940	-0.005	97	29310	0.2000	0.1669	
67 2,4-Dinitrophenol	184	6.993	6.982	0.011	86	3978	0.4000	0.4003	M
68 4-Nitrophenol	65	7.076	7.065	0.011	83	10032	0.4000	0.4105	M
70 Dibenzofuran	168	7.092	7.097	-0.005	96	62303	0.2000	0.1983	
69 2,4-Dinitrotoluene	165	7.095	7.100	-0.005	84	11895	0.2000	0.1903	
71 2,3,4,6-Tetrachlorophenol	232	7.219	7.219	0.000	88	7553	0.2000	0.1593	
72 Diethyl phthalate	149	7.334	7.344	-0.010	98	44834	0.2000	0.1934	
87 n-Octadecane	57	7.357	7.363	-0.006	94	36940	0.2000	0.1714	
73 Fluorene	166	7.414	7.421	-0.007	94	49901	0.2000	0.2005	
74 4-Chlorophenyl phenyl ether	204	7.427	7.430	-0.003	83	21201	0.2000	0.2061	
75 4-Nitroaniline	138	7.456	7.465	-0.009	90	5608	0.2000	0.1199	
76 4,6-Dinitro-2-methylphenol	198	7.478	7.488	-0.010	83	8313	0.4000	0.4105	
77 N-Nitrosodiphenylamine	169	7.539	7.549	-0.010	73	30551	0.2000	0.1741	
131 Azobenzene	77	7.574	7.581	-0.007	97	56118	0.2000	0.1833	
78 1,2-Diphenylhydrazine	77	7.574	7.581	-0.007	51	55749	0.2000	0.1873	
$ 79 2,4,6-Tribromophenol	330	7.641	7.648	-0.007	95	406233	10.0	10.3	
80 4-Bromophenyl phenyl ether	248	7.884	7.888	-0.004	80	10618	0.2000	0.1809	
82 Hexachlorobenzene	284	7.929	7.933	-0.004	95	12602	0.2000	0.1824	
83 Atrazine	200	8.060	8.067	-0.007	85	8109	0.2000	0.1679	
84 Pentachlorophenol	266	8.130	8.131	-0.001	84	10038	0.4000	0.2628	
85 Pentachloronitrobenzene	237	8.133	8.138	-0.005	78	3218	0.2000	0.1868	
* 88 Phenanthrene-d10	188	8.296	8.298	-0.002	99	2318541	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.315	8.320	-0.005	99	60906	0.2000	0.1908	
90 Anthracene	178	8.363	8.368	-0.005	98	60934	0.2000	0.1869	
91 Carbazole	167	8.529	8.535	-0.006	96	49419	0.2000	0.1794	
92 Di-n-butyl phthalate	149	8.884	8.890	-0.006	99	51380	0.2000	0.1652	
93 Fluoranthene	202	9.436	9.440	-0.004	97	48886	0.2000	0.1849	
94 Benzidine	184	9.596	9.590	0.006	98	9364	0.2000	0.1170	a
95 Pyrene	202	9.644	9.651	-0.007	97	50152	0.2000	0.1978	
$ 97 Terphenyl-d14	244	9.819	9.821	-0.002	97	2081211	10.0	10.4	
98 Butyl benzyl phthalate	149	10.305	10.310	-0.005	96	14488	0.2000	0.1494	
100 Carbamazepine	193	10.391	10.400	-0.009	91	4898	0.2000	0.2068	
101 3,3'-Dichlorobenzidine	252	10.832	10.835	-0.003	62	7400	0.2000	0.1305	a
102 Benzo[a]anthracene	228	10.832	10.838	-0.006	98	37281	0.2000	0.1869	
* 103 Chrysene-d12	240	10.842	10.851	-0.009	99	1101277	8.00	8.00	
104 Chrysene	228	10.867	10.877	-0.010	98	35055	0.2000	0.1985	
105 Bis(2-ethylhexyl) phthalate	149	10.928	10.934	-0.006	90	17624	0.2000	0.1584	
106 Di-n-octyl phthalate	149	11.695	11.705	-0.010	97	24433	0.2000	0.2036	
107 Benzo[b]fluoranthene	252	12.084	12.092	-0.008	97	26774	0.2000	0.1894	
108 Benzo[k]fluoranthene	252	12.119	12.130	-0.011	98	30719	0.2000	0.1981	
109 Benzo[a]pyrene	252	12.497	12.508	-0.012	94	22977	0.2000	0.1722	
* 110 Perylene-d12	264	12.573	12.581	-0.008	97	1003962	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.002	14.011	-0.009	96	22486	0.2000	0.1681	
112 Dibenz(a,h)anthracene	278	14.044	14.056	-0.012	96	25016	0.2000	0.1862	
113 Benzo[g,h,i]perylene	276	14.354	14.370	-0.016	95	24476	0.2000	0.1819	
S 115 Total Cresols	1				0			0.3636	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8270_3511_L2_00001 Amount Added: 1.00 Units: mL

Report Date: 07-Jul-2025 16:13:29 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93564.D

Injection Date: 02-Jul-2025 13:22:30 Instrument ID: CBNAMS18 Operator ID:

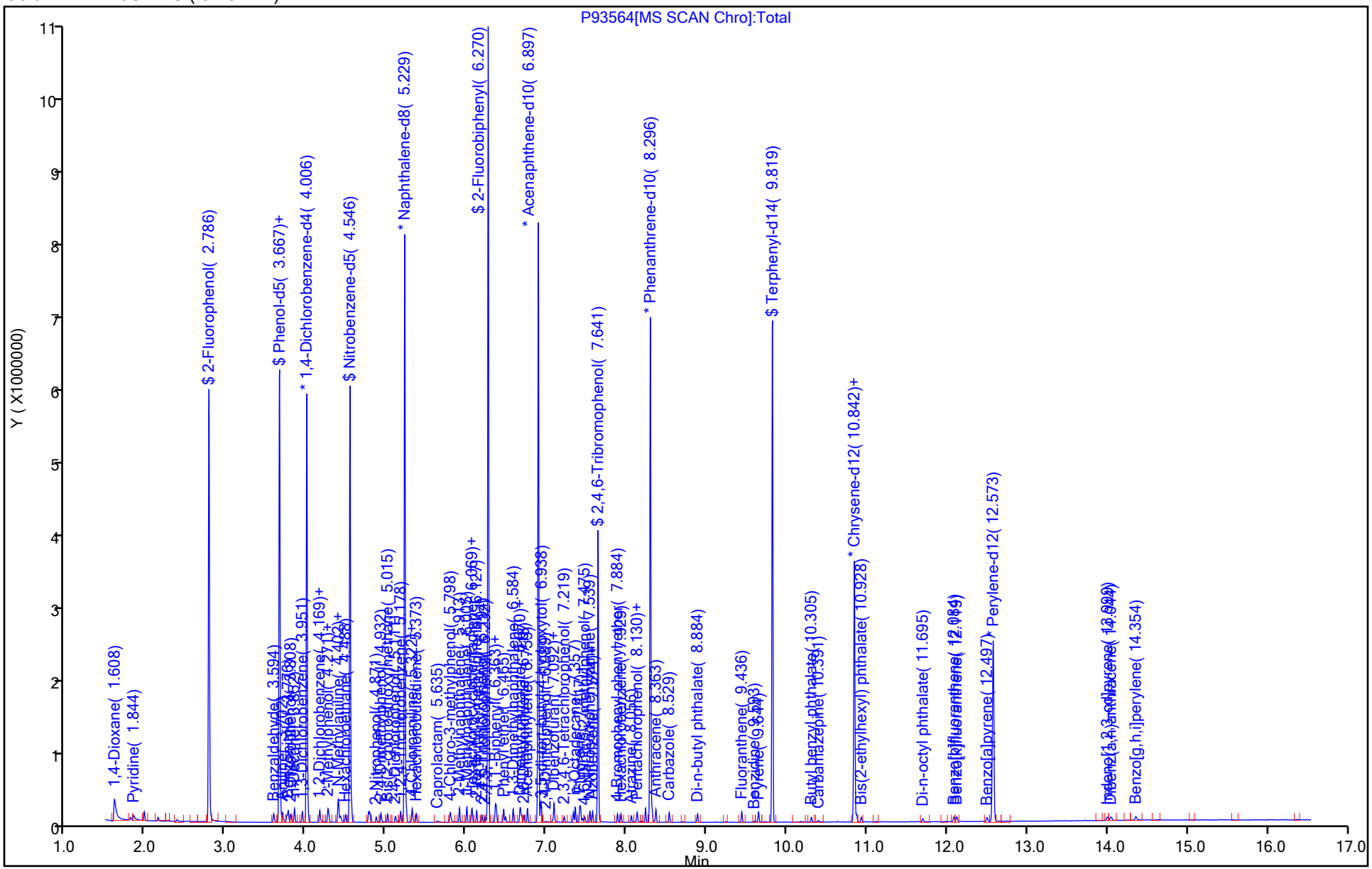
Lims ID: STD02 Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

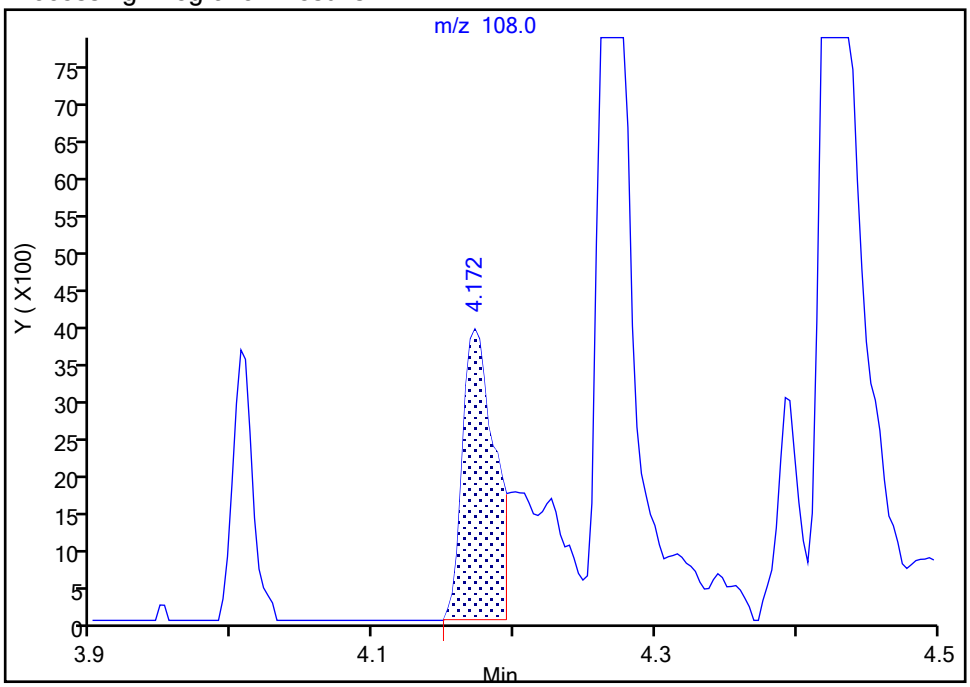
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93564.D
Injection Date: 02-Jul-2025 13:22:30 Instrument ID: CBNAMS18
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

17 Benzyl alcohol, CAS: 100-51-6

Signal: 1

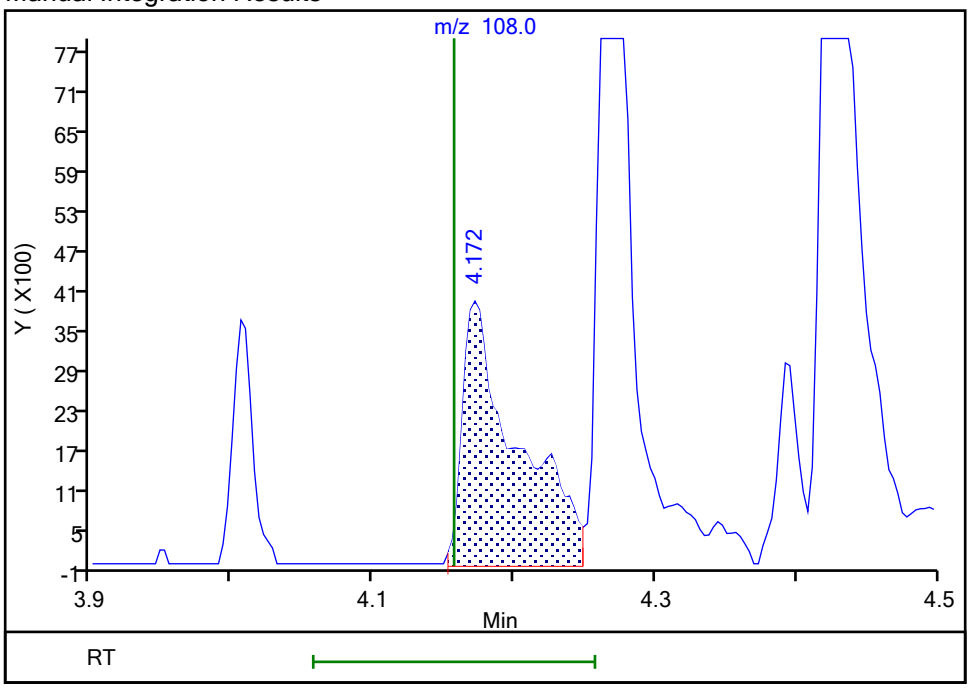
Processing Integration Results

RT: 4.17
Area: 6159
Amount: 0.202110
Amount Units: ug/ml



Manual Integration Results

RT: 4.17
Area: 10611
Amount: 0.128743
Amount Units: ug/ml



Reviewer: LKI7, 07-Jul-2025 15:12:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

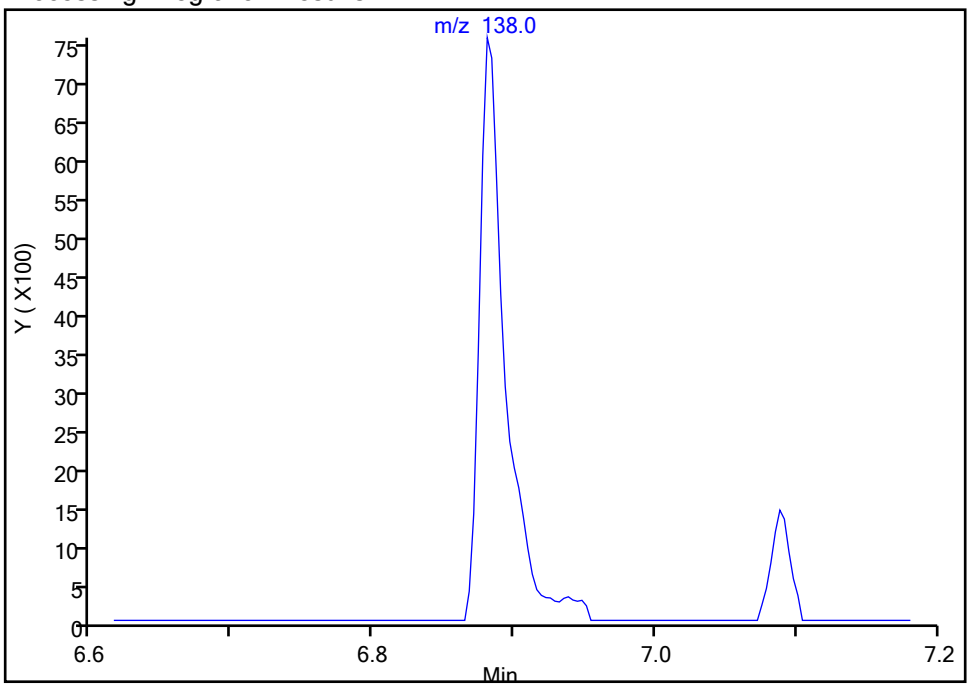
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93564.D
Injection Date: 02-Jul-2025 13:22:30 Instrument ID: CBNAMS18
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

63 3-Nitroaniline, CAS: 99-09-2

Signal: 1

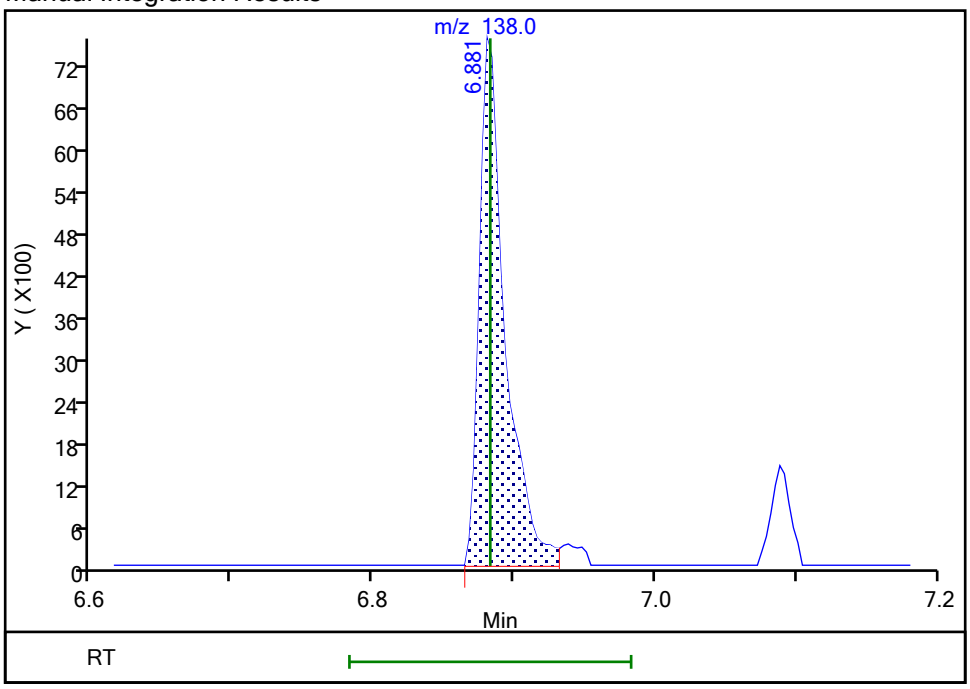
Not Detected
Expected RT: 6.88

Processing Integration Results



Manual Integration Results

RT: 6.88
Area: 9617
Amount: 0.165856
Amount Units: ug/ml



Reviewer: LKI7, 07-Jul-2025 15:13:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

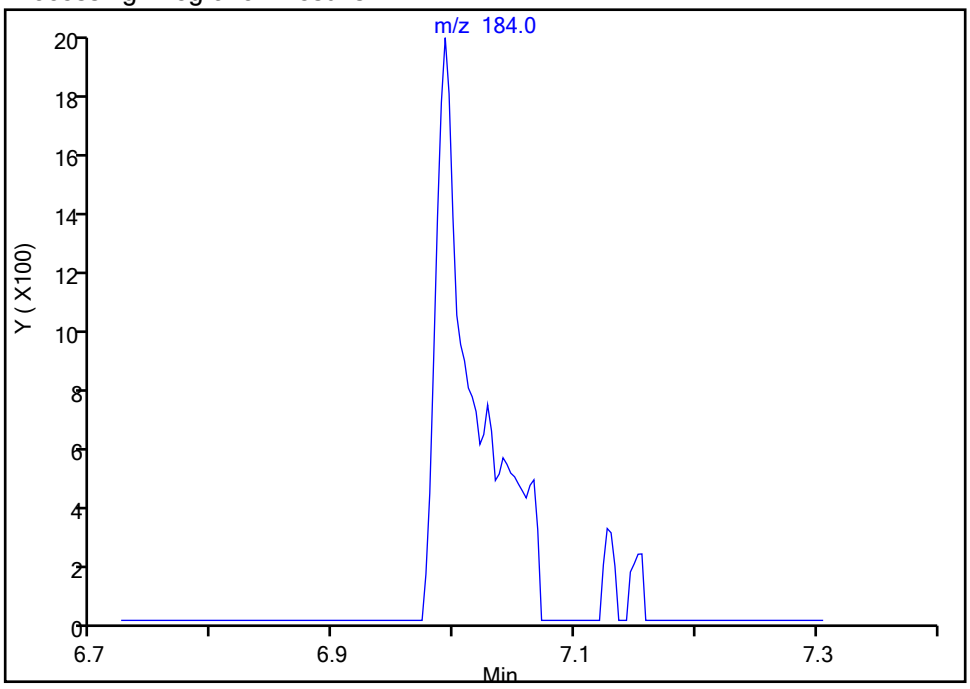
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93564.D
Injection Date: 02-Jul-2025 13:22:30 Instrument ID: CBNAMS18
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

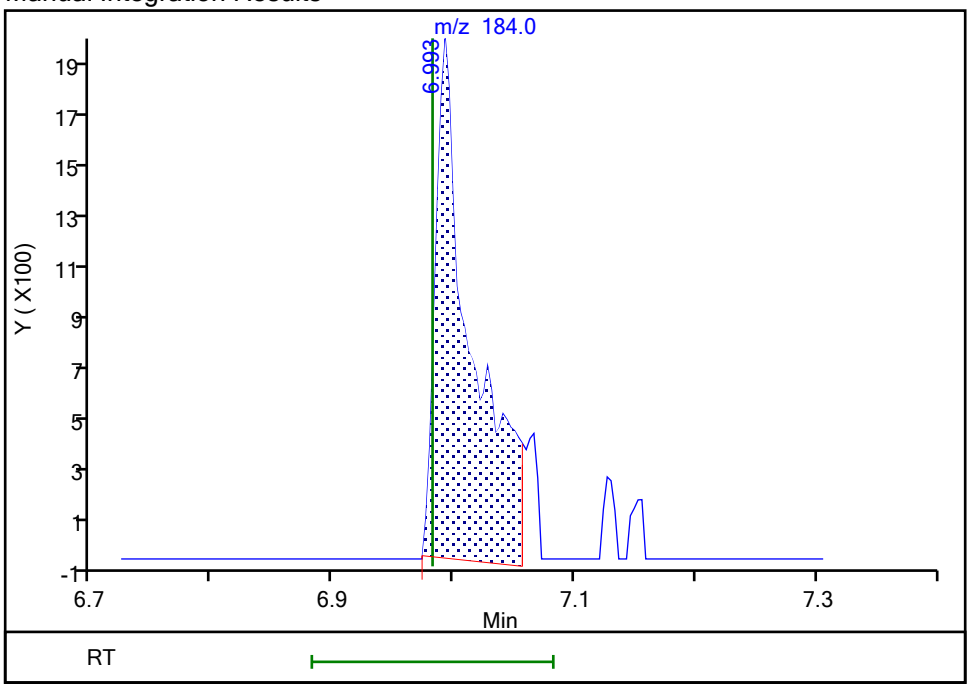
Not Detected
Expected RT: 6.98

Processing Integration Results



Manual Integration Results

RT: 6.99
Area: 3978
Amount: 0.400259
Amount Units: ug/ml



Reviewer: LKI7, 07-Jul-2025 15:34:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

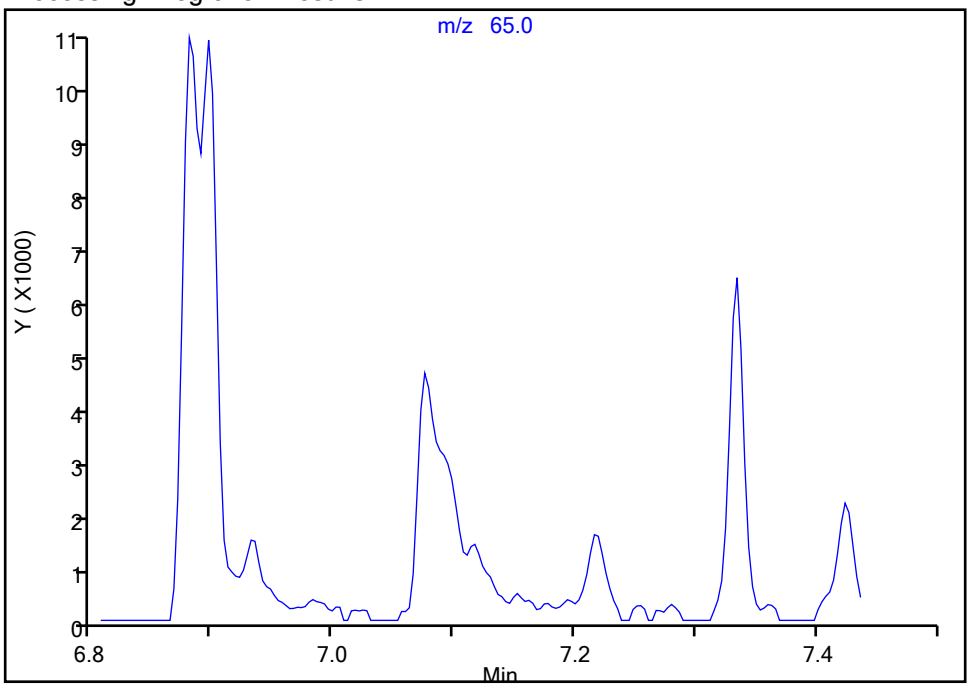
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93564.D
Injection Date: 02-Jul-2025 13:22:30 Instrument ID: CBNAMS18
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

68 4-Nitrophenol, CAS: 100-02-7

Signal: 1

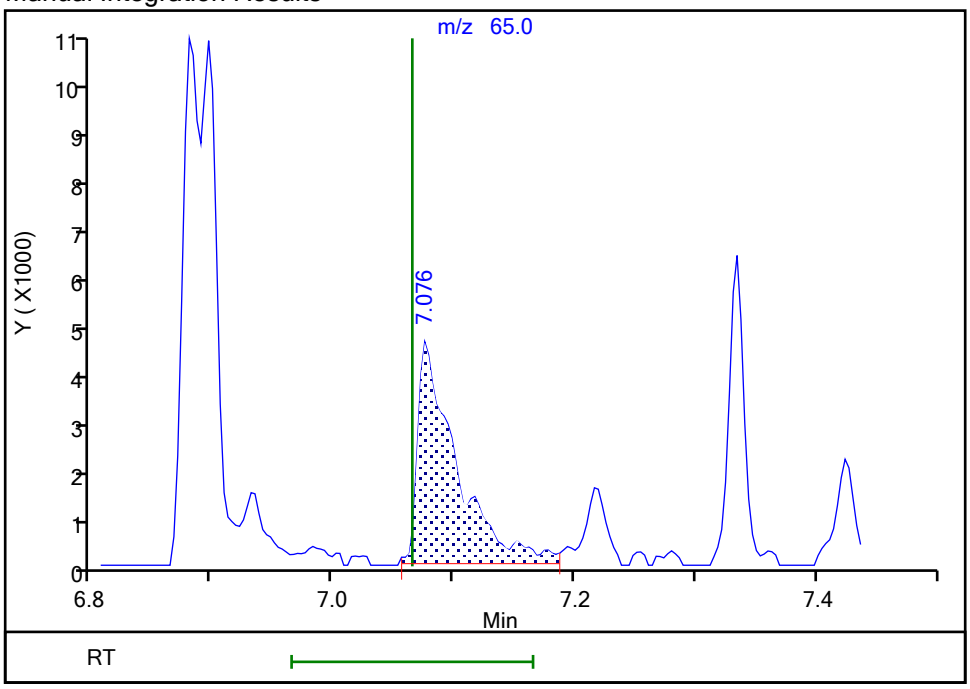
Not Detected
Expected RT: 7.07

Processing Integration Results



RT: 7.08
Area: 10032
Amount: 0.410484
Amount Units: ug/ml

Manual Integration Results



Reviewer: LKI7, 07-Jul-2025 15:13:37 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

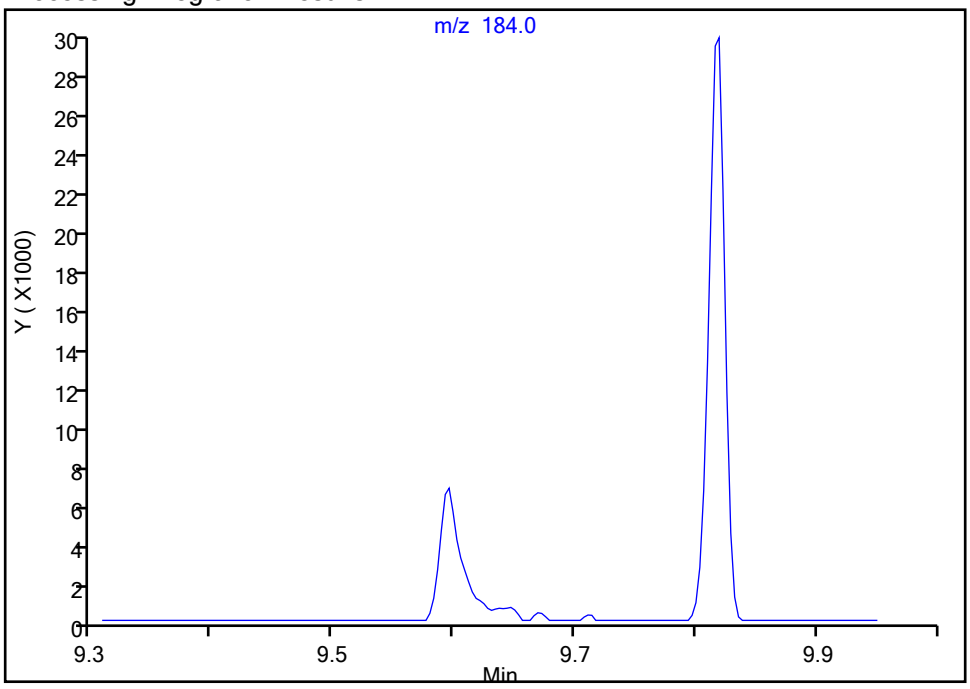
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93564.D
Injection Date: 02-Jul-2025 13:22:30 Instrument ID: CBNAMS18
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

94 Benzidine, CAS: 92-87-5

Signal: 1

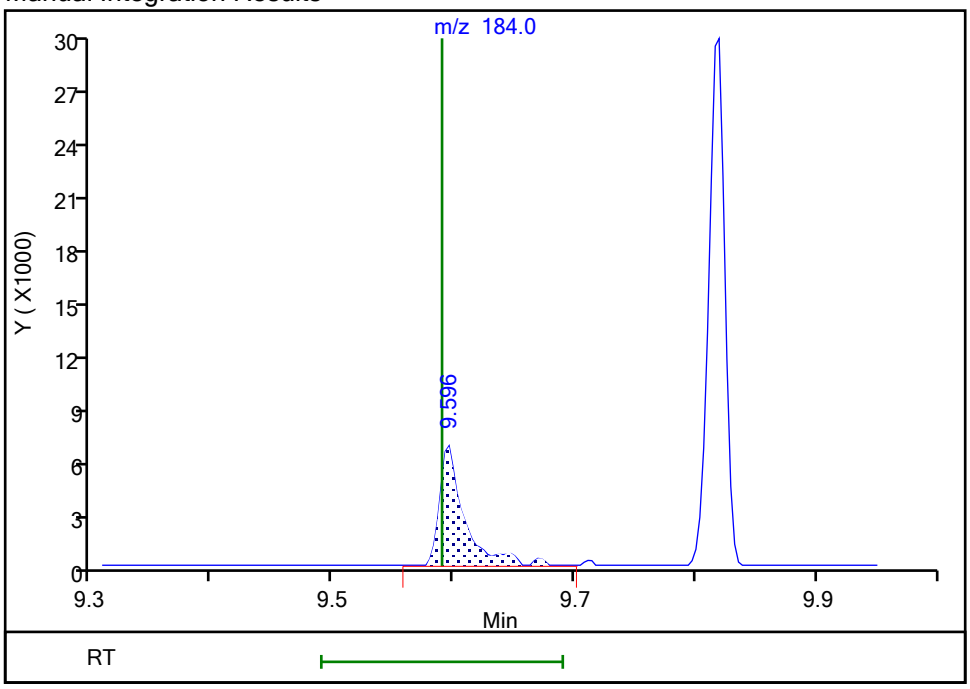
Not Detected
Expected RT: 9.59

Processing Integration Results



Manual Integration Results

RT: 9.60
Area: 9364
Amount: 0.116996
Amount Units: ug/ml



Reviewer: LKI7, 07-Jul-2025 15:14:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

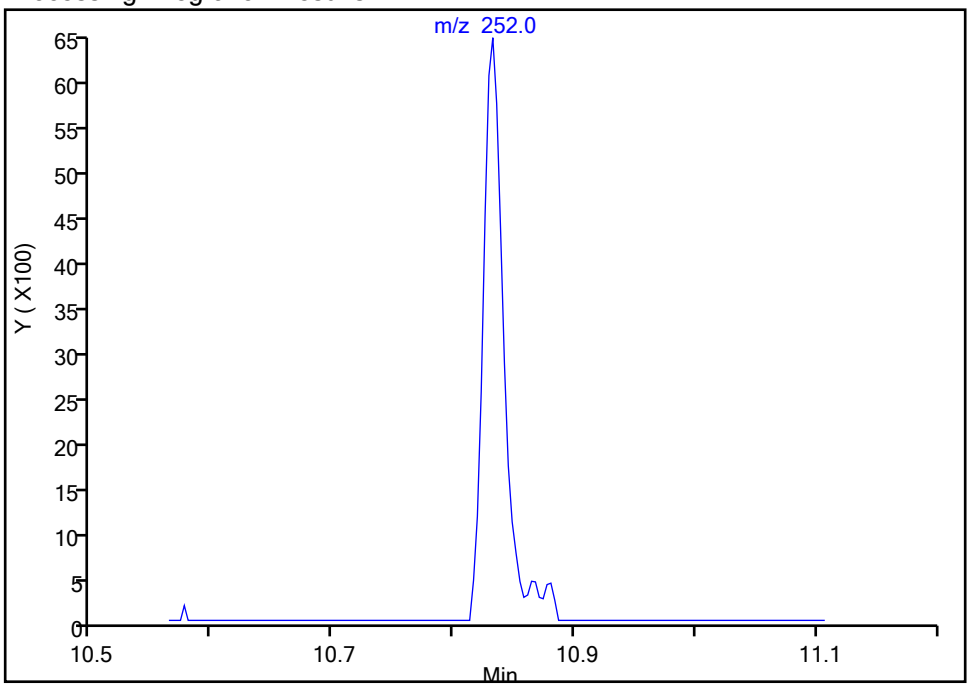
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93564.D
Injection Date: 02-Jul-2025 13:22:30 Instrument ID: CBNAMS18
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

101 3,3'-Dichlorobenzidine, CAS: 91-94-1

Signal: 1

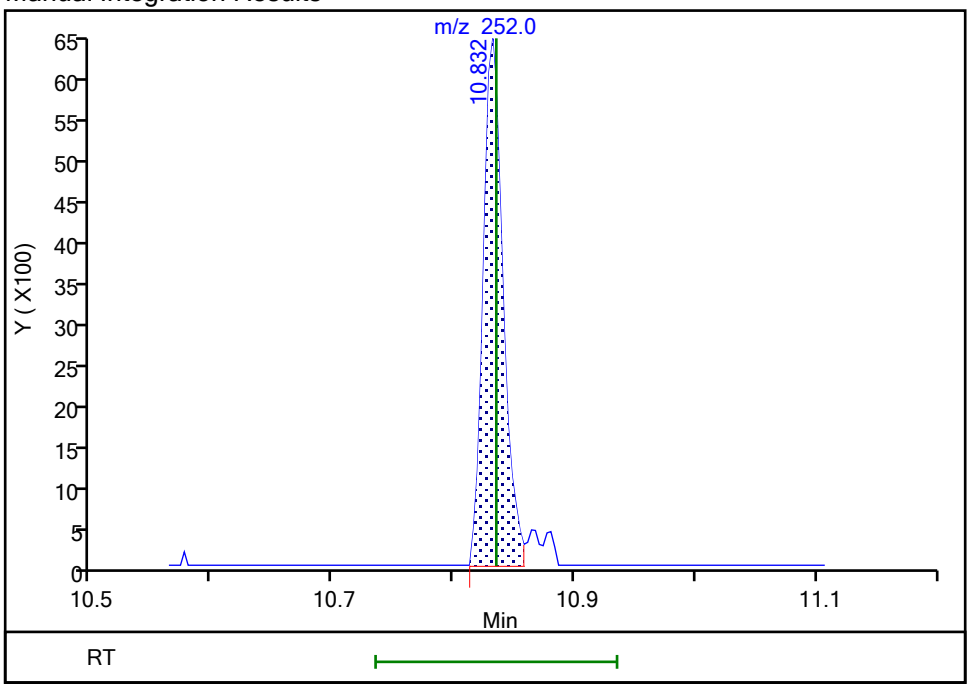
Not Detected
Expected RT: 10.83

Processing Integration Results



Manual Integration Results

RT: 10.83
Area: 7400
Amount: 0.130458
Amount Units: ug/ml



Reviewer: LKI7, 07-Jul-2025 15:14:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93565.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 02-Jul-2025 13:44:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0193105-010
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 07-Jul-2025 16:13:33 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 02-Jul-2025 14:04:55

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.611	1.608	0.003	34	15372	0.1000	0.0854	M
	3 Pyridine	79	1.857	1.819	0.038	93	27066	0.2000	0.1841	a
$	4 2-Fluorophenol	112	2.783	2.786	-0.003	94	1551304	10.0	9.99	
$	6 Phenol-d5	99	3.664	3.674	-0.010	0	2064445	10.0	10.2	
	8 Aniline	93	3.706	3.700	0.006	98	19467	0.1000	0.0872	
	9 Bis(2-chloroethyl)ether	93	3.757	3.764	-0.007	96	15035	0.1000	0.1009	
*	14 1,4-Dichlorobenzene-d4	152	4.006	4.007	-0.001	98	818265	8.00	8.00	
	22 N-Methylaniline	106	4.395	4.397	-0.002	94	20731	0.1000	0.0922	
	24 N-Nitrosodi-n-propylamine	70	4.405	4.413	-0.008	89	9084	0.1000	0.0870	
	27 Hexachloroethane	117	4.488	4.490	-0.002	90	5965	0.1000	0.0988	
$	28 Nitrobenzene-d5	82	4.546	4.550	-0.004	90	1863441	10.0	10.3	
	29 Nitrobenzene	123	4.562	4.570	-0.008	86	7281	0.1000	0.1025	
	30 n,n'-Dimethylaniline	120	4.565	4.570	-0.005	89	21728	0.1000	0.0958	
	37 1,2,4-Trichlorobenzene	180	5.178	5.180	-0.002	91	10052	0.1000	0.0927	
*	38 Naphthalene-d8	136	5.229	5.232	-0.003	99	3263524	8.00	8.00	
	39 Naphthalene	128	5.248	5.254	-0.006	99	41248	0.1000	0.0963	
	40 4-Chloroaniline	127	5.328	5.321	0.007	87	13637	0.1000	0.0922	
	42 Hexachlorobutadiene	225	5.373	5.376	-0.003	90	5481	0.1000	0.0984	
$	53 2-Fluorobiphenyl	172	6.270	6.275	-0.005	97	3020591	10.0	10.1	
	54 1,1'-Biphenyl	154	6.360	6.364	-0.004	96	29503	0.1000	0.0914	
*	64 Acenaphthene-d10	164	6.896	6.902	-0.006	97	1470202	8.00	8.00	
	67 2,4-Dinitrophenol	184	7.018	6.982	0.036	1	720	0.2000	0.2885	a
	78 1,2-Diphenylhydrazine	77	7.573	7.581	-0.008	51	25811	0.1000	0.0863	
$	79 2,4,6-Tribromophenol	330	7.644	7.648	-0.004	96	401432	10.0	10.4	
	82 Hexachlorobenzene	284	7.928	7.933	-0.005	94	6219	0.1000	0.0896	
*	88 Phenanthrene-d10	188	8.295	8.298	-0.003	99	2328840	8.00	8.00	
$	97 Terphenyl-d14	244	9.818	9.821	-0.003	97	2067220	10.0	10.5	
	102 Benzo[a]anthracene	228	10.831	10.838	-0.007	97	20269	0.1000	0.0962	
*	103 Chrysene-d12	240	10.840	10.851	-0.011	99	1082796	8.00	8.00	
	107 Benzo[b]fluoranthene	252	12.086	12.092	-0.006	97	12687	0.1000	0.0881	
	108 Benzo[k]fluoranthene	252	12.118	12.130	-0.012	97	12754	0.1000	0.0839	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
109 Benzo[a]pyrene	252	12.498	12.508	-0.010	93	10981	0.1000	0.0839	
* 110 Perylene-d12	264	12.572	12.581	-0.009	97	984663	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.004	14.011	-0.007	97	11284	0.1000	0.0860	
112 Dibenz(a,h)anthracene	278	14.042	14.056	-0.014	96	11743	0.1000	0.0891	
113 Benzo[g,h,i]perylene	276	14.356	14.370	-0.014	95	11404	0.1000	0.0864	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL1_LVI_00007 Amount Added: 1.00 Units: mL

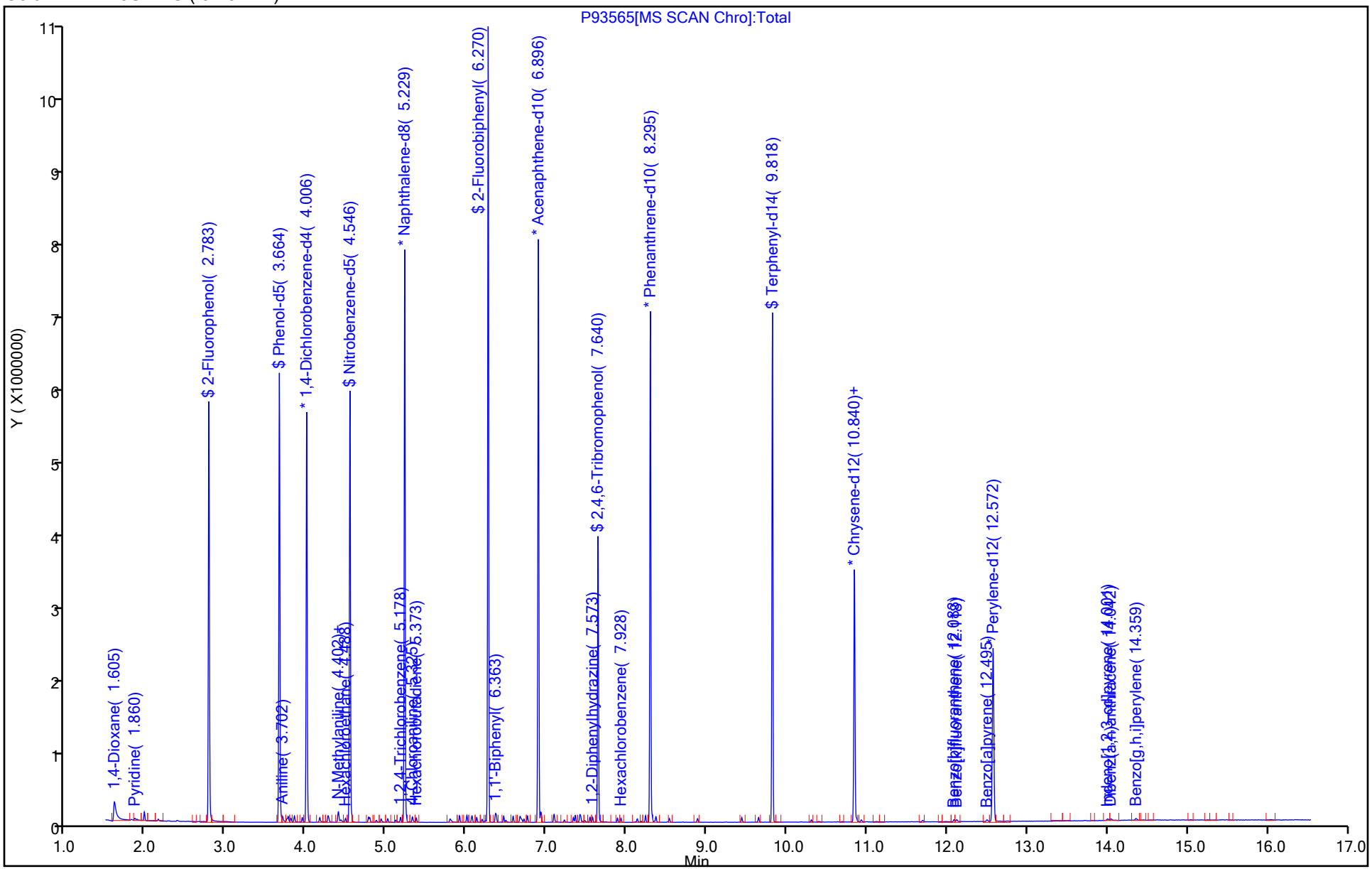
Report Date: 07-Jul-2025 16:13:34 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93565.D

Injection Date:	02-Jul-2025 13:44:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	STD01			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

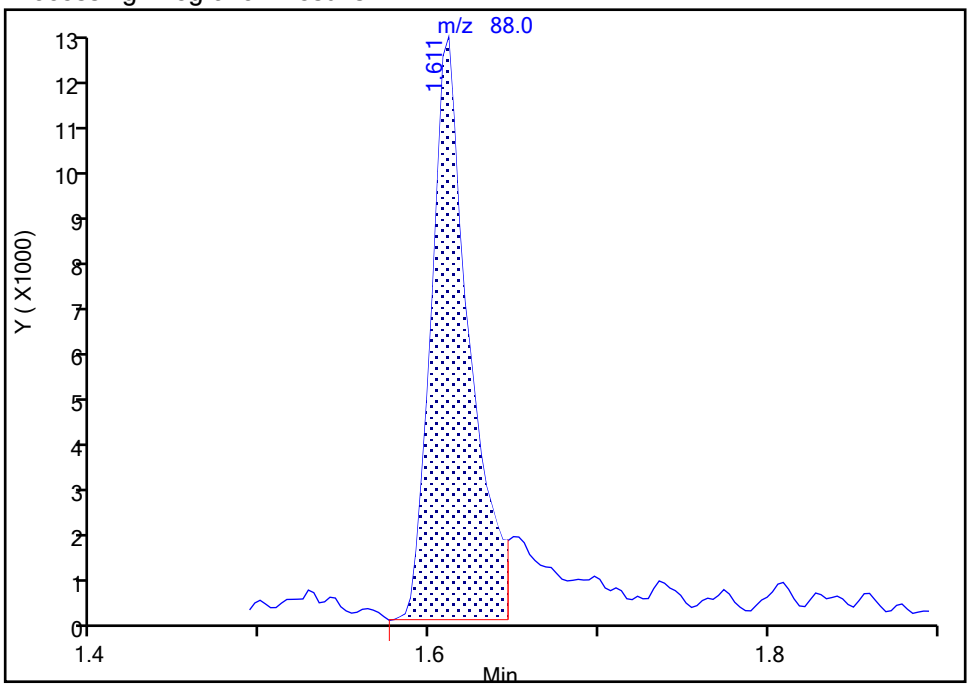
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93565.D
Injection Date: 02-Jul-2025 13:44:30 Instrument ID: CBNAMS18
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

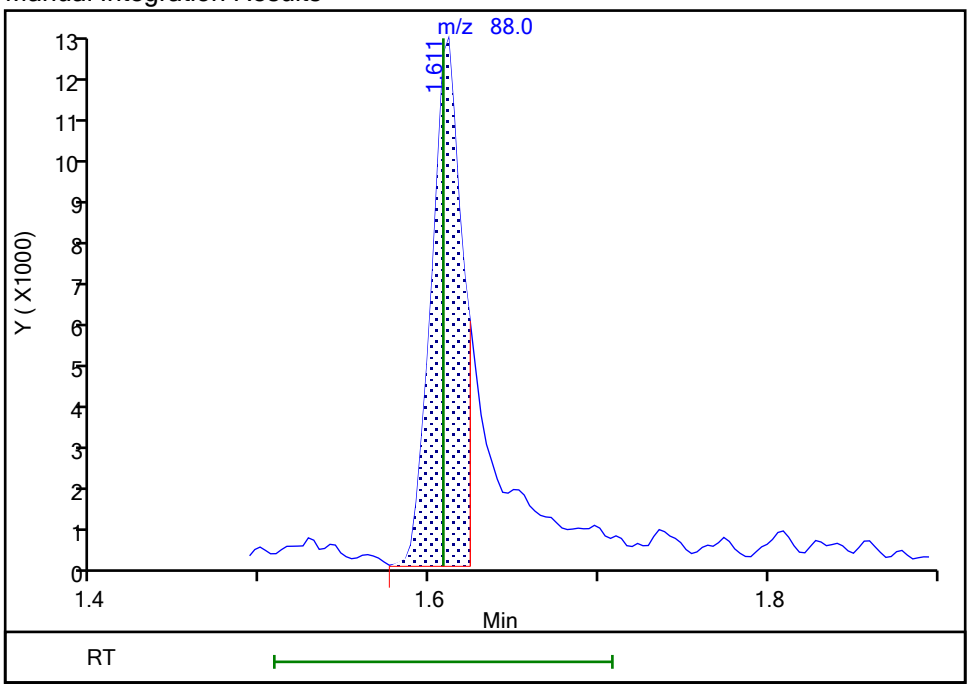
Processing Integration Results

RT: 1.61
Area: 18894
Amount: 0.197734
Amount Units: ug/ml



Manual Integration Results

RT: 1.61
Area: 15372
Amount: 0.085358
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:27:55 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

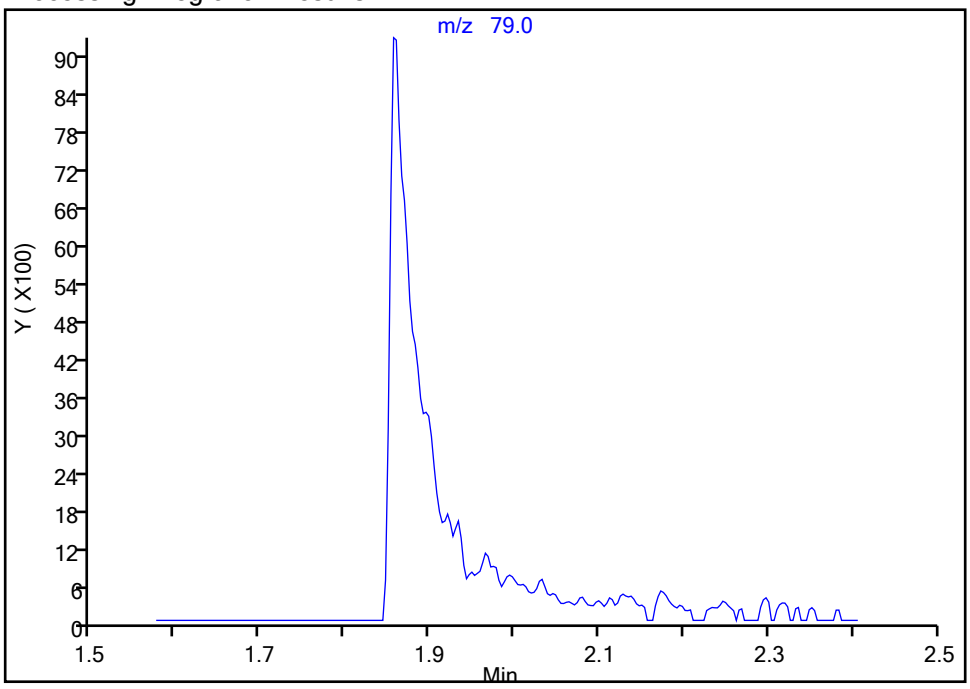
Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93565.D				
Injection Date:	02-Jul-2025 13:44:30	Instrument ID:	CBNAMS18		
Lims ID:	STD01				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

3 Pyridine, CAS: 110-86-1

Signal: 1

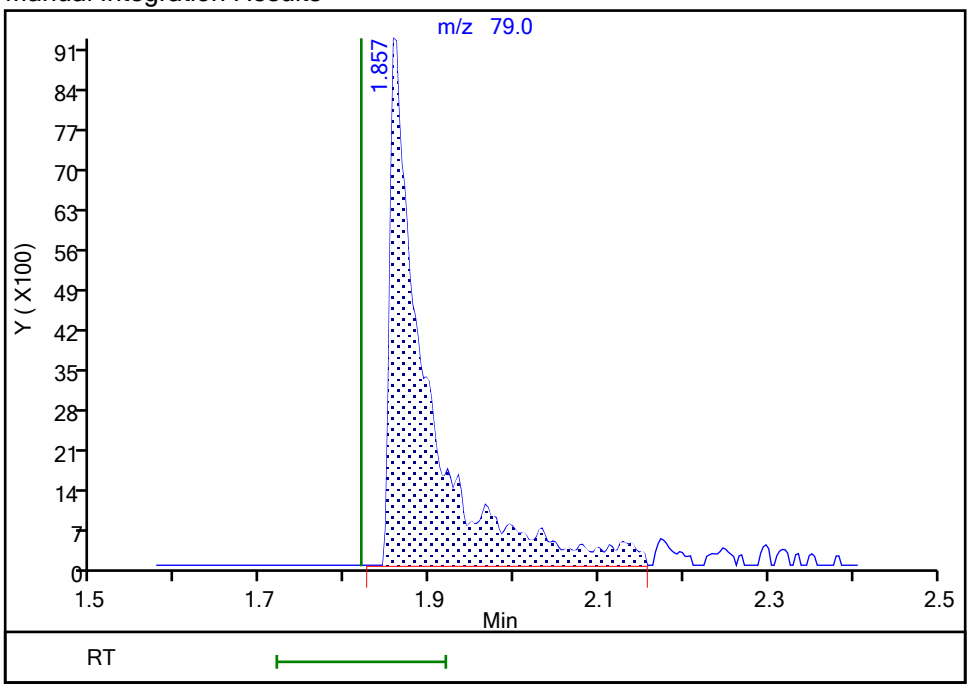
Not Detected
Expected RT: 1.82

Processing Integration Results



Manual Integration Results

RT: 1.86
Area: 27066
Amount: 0.184054
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:04:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

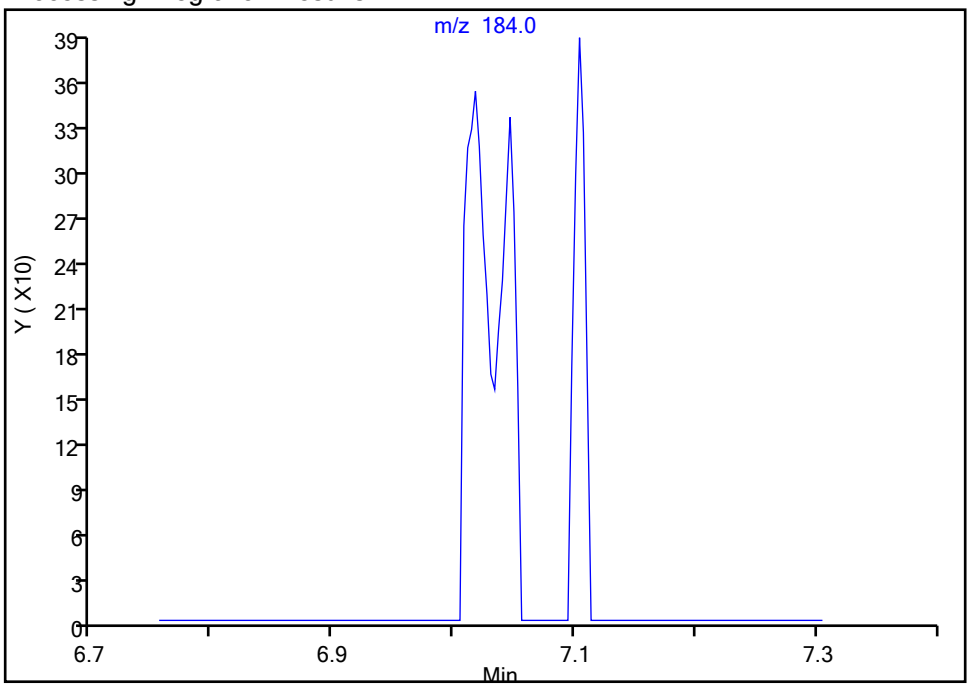
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93565.D
Injection Date: 02-Jul-2025 13:44:30 Instrument ID: CBNAMS18
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

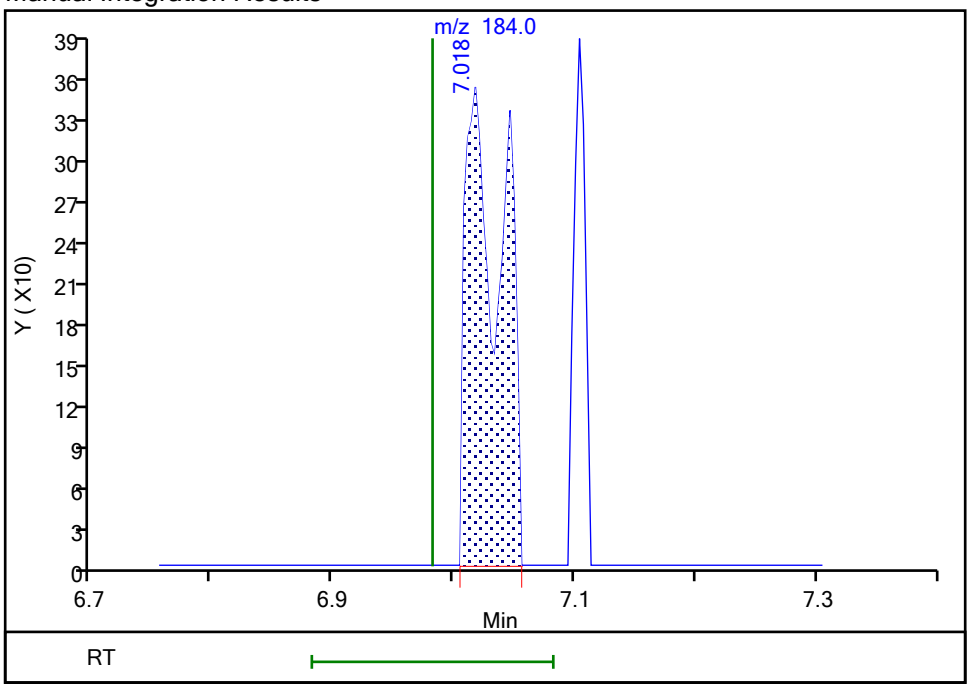
Not Detected
Expected RT: 6.98

Processing Integration Results



Manual Integration Results

RT: 7.02
Area: 720
Amount: 0.288494
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:04:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D
Lims ID: STD002
Client ID:
Sample Type: IC Calib Level: 10
Inject. Date: 02-Jul-2025 14:05:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0193105-011
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 07-Jul-2025 16:13:37 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 02-Jul-2025 14:26:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.614	1.608	0.006	23	10850	0.0200	0.0215	Ma
3 Pyridine	79	1.943	1.819	0.124	32	3062	0.0400	0.0218	a
$ 4 2-Fluorophenol	112	2.786	2.786	0.000	95	1429655	10.0	9.62	
$ 6 Phenol-d5	99	3.664	3.674	-0.010	0	1862498	10.0	9.60	
8 Aniline	93	3.712	3.700	0.012	15	3665	0.0200	0.0172	a
9 Bis(2-chloroethyl)ether	93	3.763	3.764	-0.001	98	2836	0.0200	0.0199	
13 1,3-Dichlorobenzene	146	3.951	3.952	-0.001	94	3300	0.0200	0.0217	
* 14 1,4-Dichlorobenzene-d4	152	4.006	4.007	-0.001	98	782990	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.022	4.023	-0.001	37	3142	0.0200	0.0207	
18 1,2-Dichlorobenzene	146	4.169	4.170	-0.001	92	3015	0.0200	0.0211	
22 N-Methylaniline	106	4.402	4.397	0.005	82	4177	0.0200	0.0194	
24 N-Nitrosodi-n-propylamine	70	4.405	4.413	-0.008	78	1827	0.0200	0.0183	
27 Hexachloroethane	117	4.488	4.490	-0.002	79	1306	0.0200	0.0226	a
$ 28 Nitrobenzene-d5	82	4.545	4.550	-0.005	88	1713518	10.0	9.85	
29 Nitrobenzene	123	4.561	4.570	-0.009	65	1268	0.0200	0.0187	a
30 n,n'-Dimethylaniline	120	4.565	4.570	-0.005	89	4258	0.0200	0.0196	
31 Isophorone	82	4.794	4.800	-0.006	97	5370	0.0200	0.0200	
37 1,2,4-Trichlorobenzene	180	5.178	5.180	-0.002	90	1881	0.0200	0.0180	
* 38 Naphthalene-d8	136	5.229	5.232	-0.003	99	3148735	8.00	8.00	
39 Naphthalene	128	5.248	5.254	-0.006	98	8974	0.0200	0.0217	
40 4-Chloroaniline	127	5.356	5.321	0.035	48	1501	0.0200	0.0105	
42 Hexachlorobutadiene	225	5.376	5.376	0.000	79	1218	0.0200	0.0227	
46 2-Methylnaphthalene	142	5.915	5.916	-0.001	83	5368	0.0200	0.0229	
47 1-Methylnaphthalene	142	6.004	6.009	-0.005	90	5128	0.0200	0.0213	
50 2-tertbutyl-4-methylphenol	149	6.129	6.130	-0.001	91	2789	0.0200	0.0190	
51 2,4,6-Trichlorophenol	196	6.199	6.195	0.004	76	1215	0.0200	0.0190	
$ 53 2-Fluorobiphenyl	172	6.270	6.275	-0.005	97	2835454	10.0	9.67	
54 1,1'-Biphenyl	154	6.362	6.364	-0.002	94	7051	0.0200	0.0223	
61 2,6-Dinitrotoluene	165	6.720	6.726	-0.006	76	920	0.0200	0.0182	
* 64 Acenaphthene-d10	164	6.895	6.902	-0.007	96	1443398	8.00	8.00	
69 2,4-Dinitrotoluene	165	7.103	7.100	0.003	18	759	0.0200	0.0126	a

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
78 1,2-Diphenylhydrazine	77	7.576	7.581	-0.005	50	5596	0.0200	0.0188	
$ 79 2,4,6-Tribromophenol	330	7.643	7.648	-0.005	96	375952	10.0	9.91	
82 Hexachlorobenzene	284	7.927	7.933	-0.006	88	1679	0.0200	0.0243	
83 Atrazine	200	8.058	8.067	-0.009	80	739	0.0200	0.0153	a
* 88 Phenanthrene-d10	188	8.294	8.298	-0.004	99	2315383	8.00	8.00	
94 Benzidine	184	9.616	9.590	0.026	65	658	0.0200	0.0293	a
95 Pyrene	202	9.645	9.651	-0.006	95	5316	0.0200	0.0218	
$ 97 Terphenyl-d14	244	9.817	9.821	-0.004	98	1929984	10.0	10.0	
101 3,3'-Dichlorobenzidine	252	10.843	10.835	0.008	53	616	0.0200	0.0307	
102 Benzo[a]anthracene	228	10.836	10.838	-0.002	91	6423	0.0200	0.0203	
* 103 Chrysene-d12	240	10.839	10.851	-0.012	99	1057243	8.00	8.00	
104 Chrysene	228	10.868	10.877	-0.009	97	3966	0.0200	0.0234	
105 Bis(2-ethylhexyl) phthalate	149	10.926	10.934	-0.008	86	2130	0.0200	0.0204	a
107 Benzo[b]fluoranthene	252	12.088	12.092	-0.004	95	3535	0.0200	0.0206	
108 Benzo[k]fluoranthene	252	12.120	12.130	-0.010	84	2923	0.0200	0.0199	a
109 Benzo[a]pyrene	252	12.497	12.508	-0.011	93	2288	0.0200	0.0181	
* 110 Perylene-d12	264	12.574	12.581	-0.007	97	952310	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.009	14.011	-0.002	91	2356	0.0200	0.0186	
112 Dibenz(a,h)anthracene	278	14.047	14.056	-0.009	88	2141	0.0200	0.0168	
113 Benzo[g,h,i]perylene	276	14.361	14.370	-0.009	90	2490	0.0200	0.0195	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8270_3511_L1_00001 Amount Added: 1.00 Units: mL

Report Date: 07-Jul-2025 16:13:40 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Injection Date: 02-Jul-2025 14:05:30 Instrument ID: CBNAMS18 Operator ID:

Lims ID: STD002 Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Manual Integration/User Assign Peak Report

Eurofins Edison

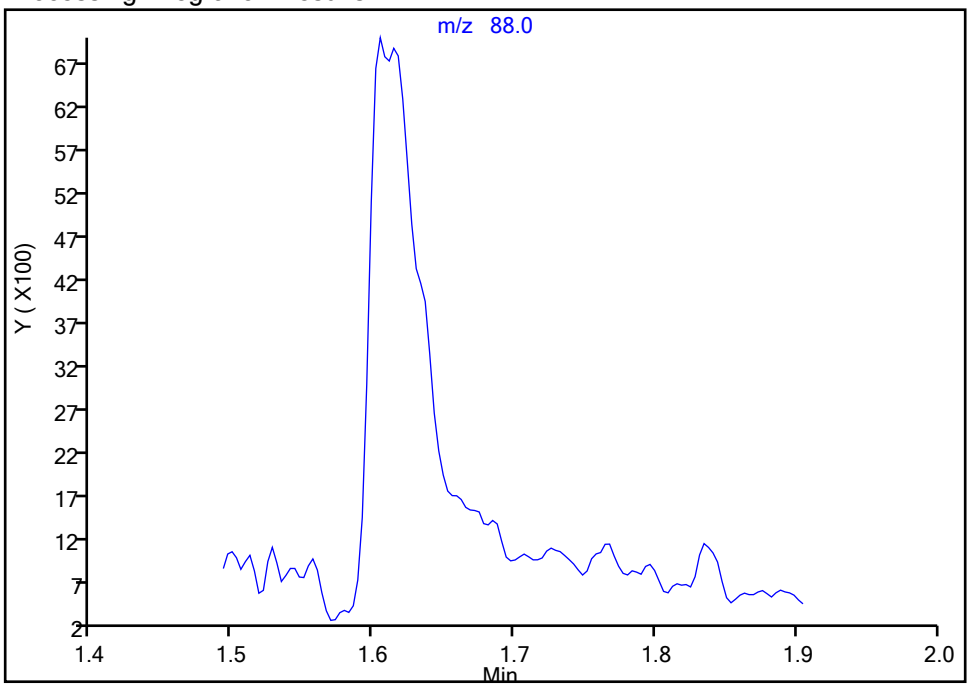
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D
Injection Date: 02-Jul-2025 14:05:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

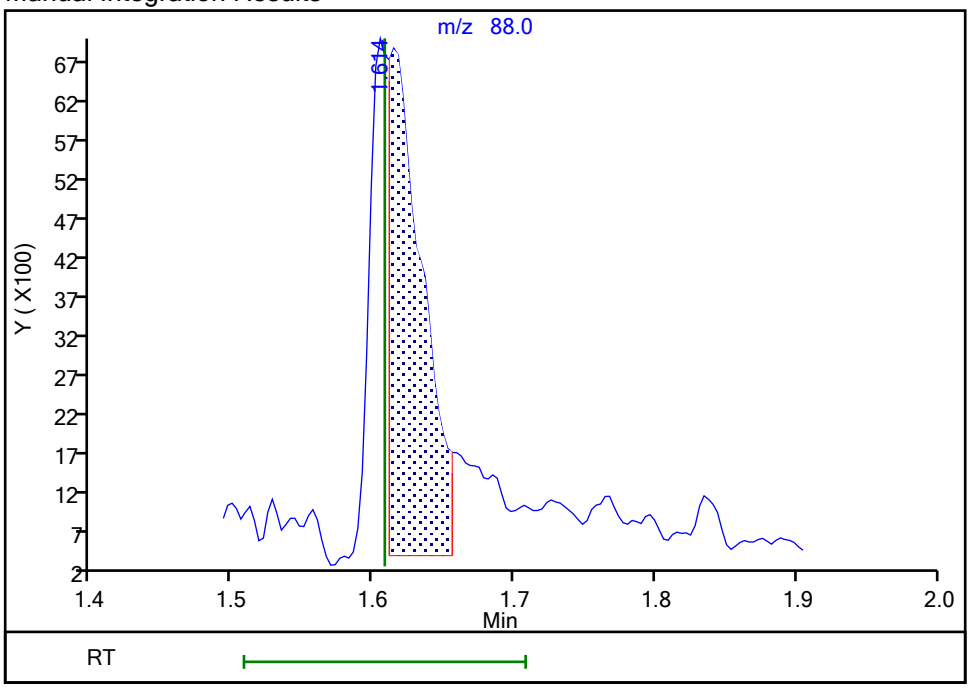
Not Detected
Expected RT: 1.61

Processing Integration Results



Manual Integration Results

RT: 1.61
Area: 10850
Amount: 0.021549
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:26:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins Edison

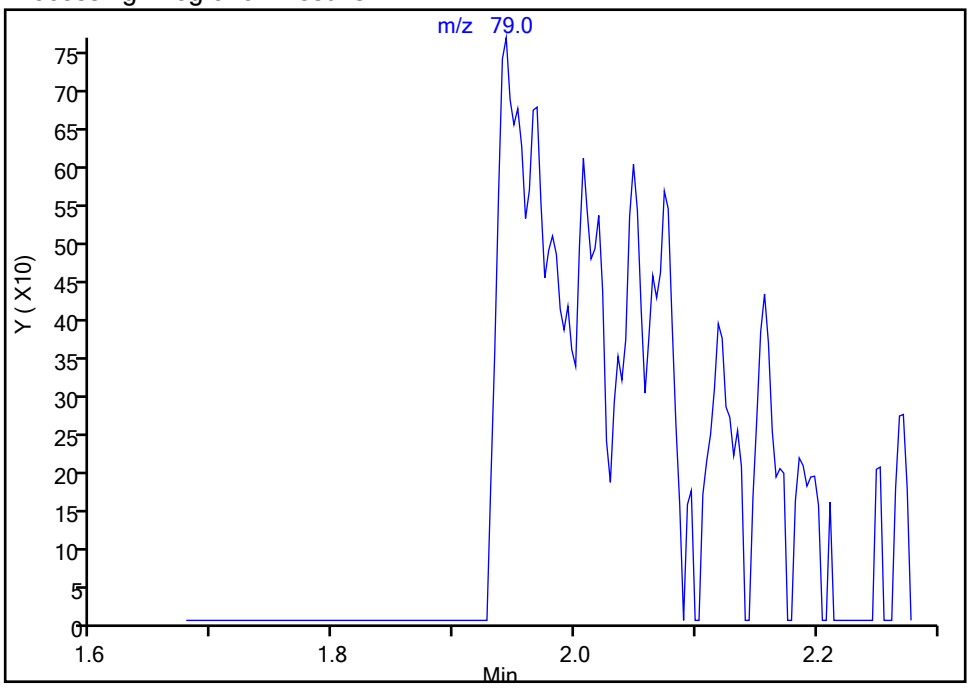
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D
Injection Date: 02-Jul-2025 14:05:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

3 Pyridine, CAS: 110-86-1

Signal: 1

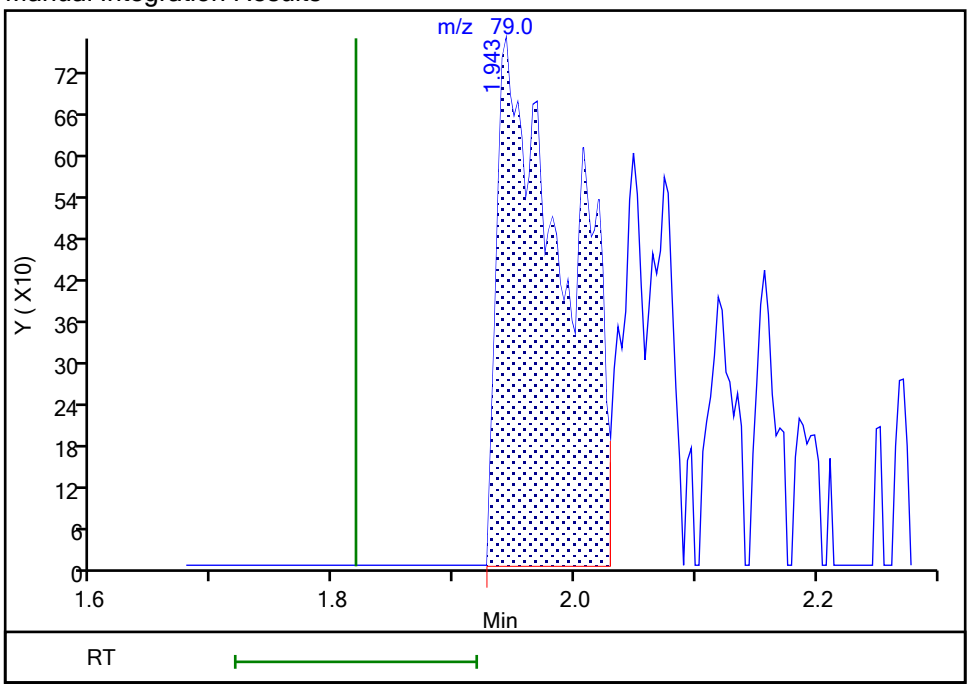
Not Detected
Expected RT: 1.82

Processing Integration Results



Manual Integration Results

RT: 1.94
Area: 3062
Amount: 0.021760
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:26:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

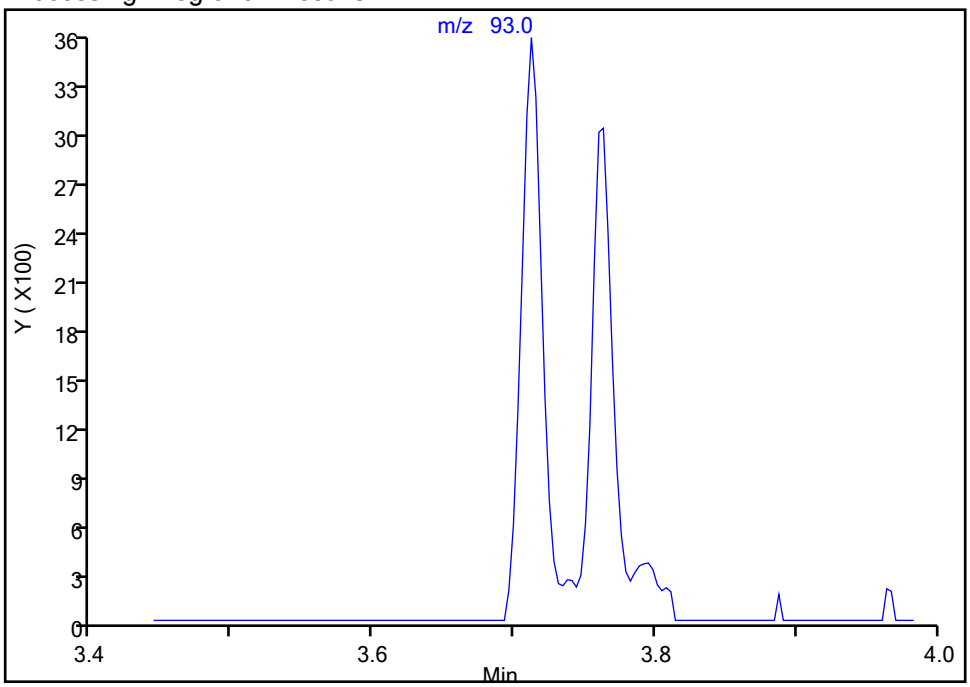
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D
Injection Date: 02-Jul-2025 14:05:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

8 Aniline, CAS: 62-53-3

Signal: 1

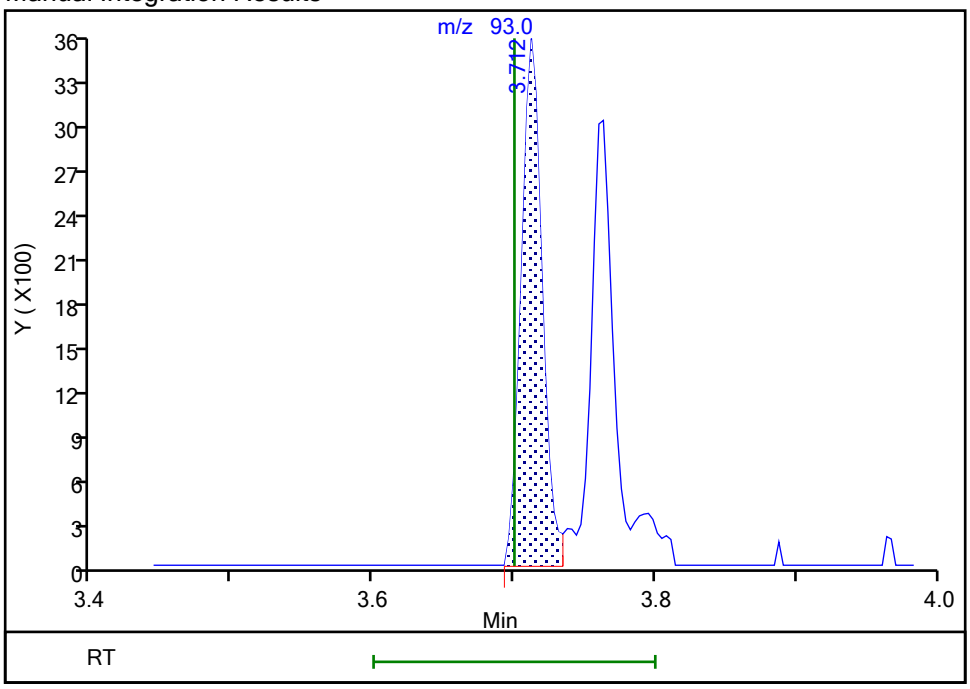
Not Detected
Expected RT: 3.70

Processing Integration Results



Manual Integration Results

RT: 3.71
Area: 3665
Amount: 0.017150
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:25:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

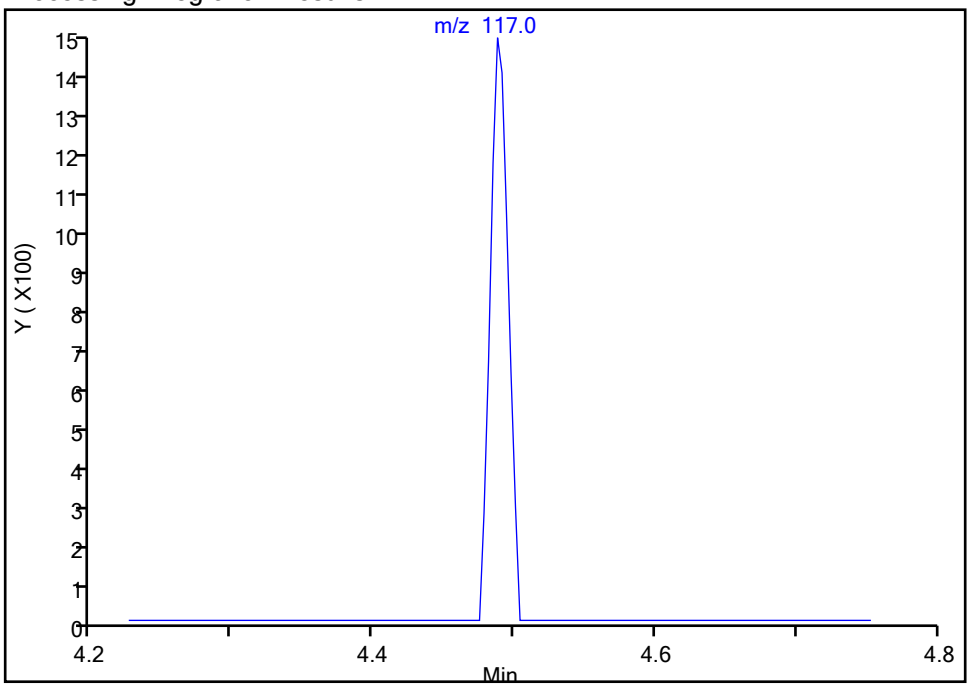
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D
Injection Date: 02-Jul-2025 14:05:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

27 Hexachloroethane, CAS: 67-72-1

Signal: 1

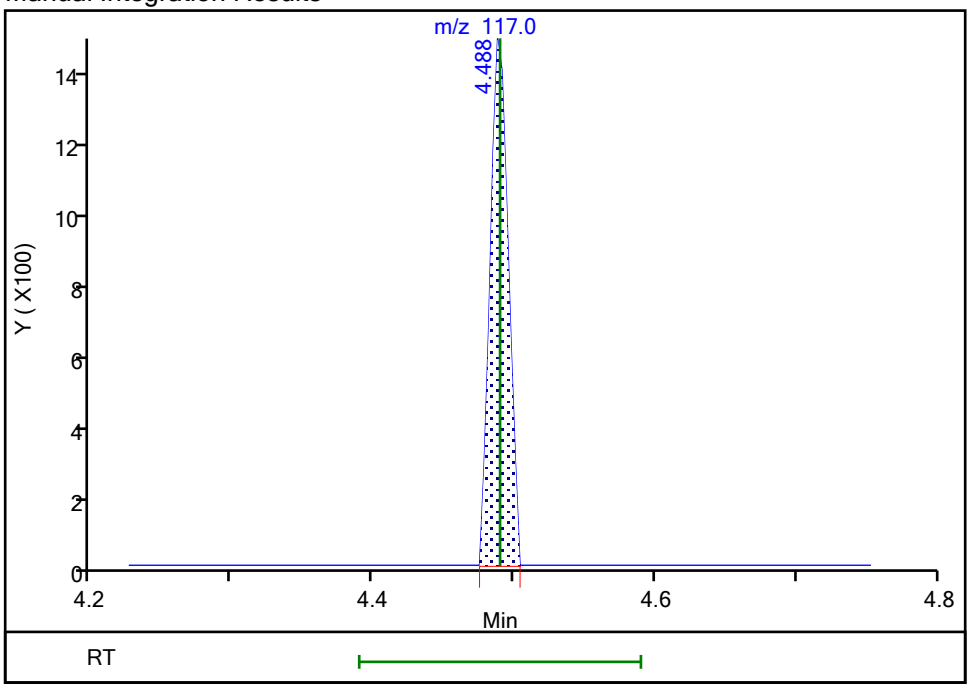
Not Detected
Expected RT: 4.49

Processing Integration Results



Manual Integration Results

RT: 4.49
Area: 1306
Amount: 0.022613
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:25:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

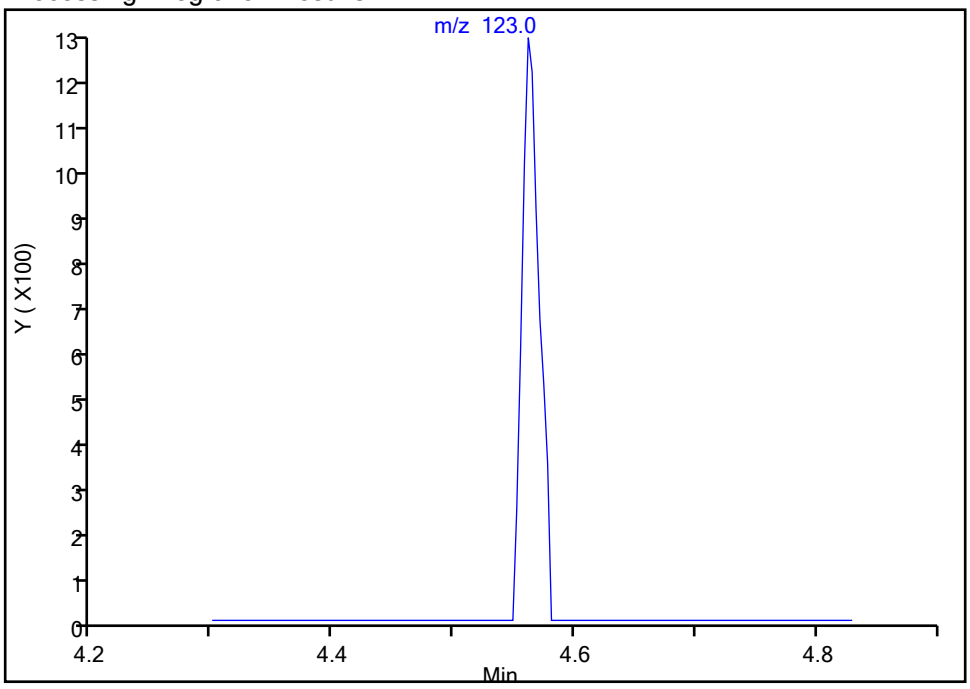
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D
Injection Date: 02-Jul-2025 14:05:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

29 Nitrobenzene, CAS: 98-95-3

Signal: 1

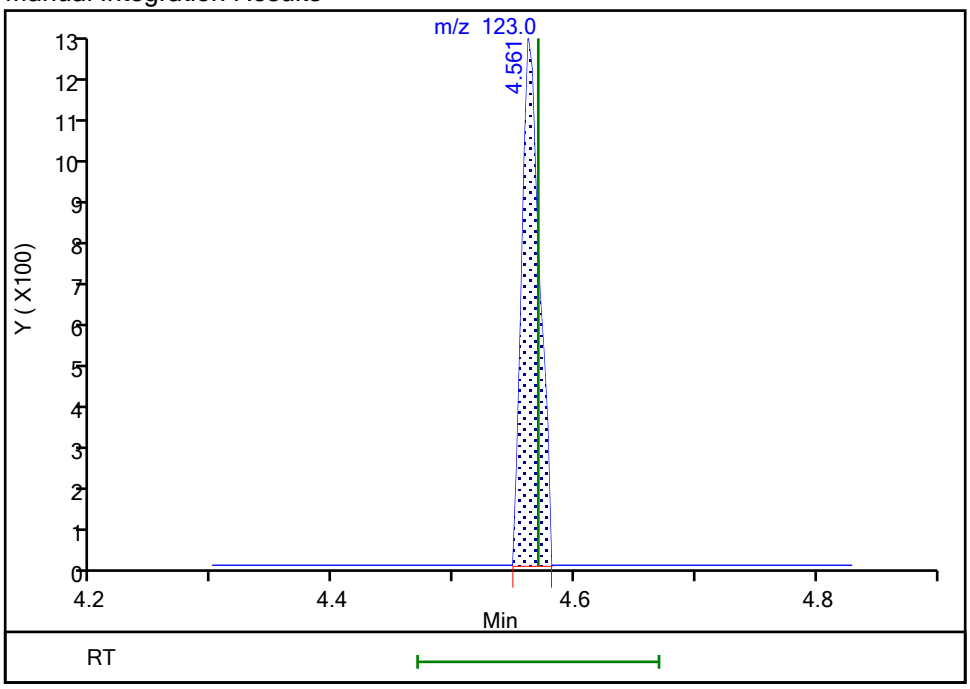
Not Detected
Expected RT: 4.57

Processing Integration Results



Manual Integration Results

RT: 4.56
Area: 1268
Amount: 0.018661
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:25:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

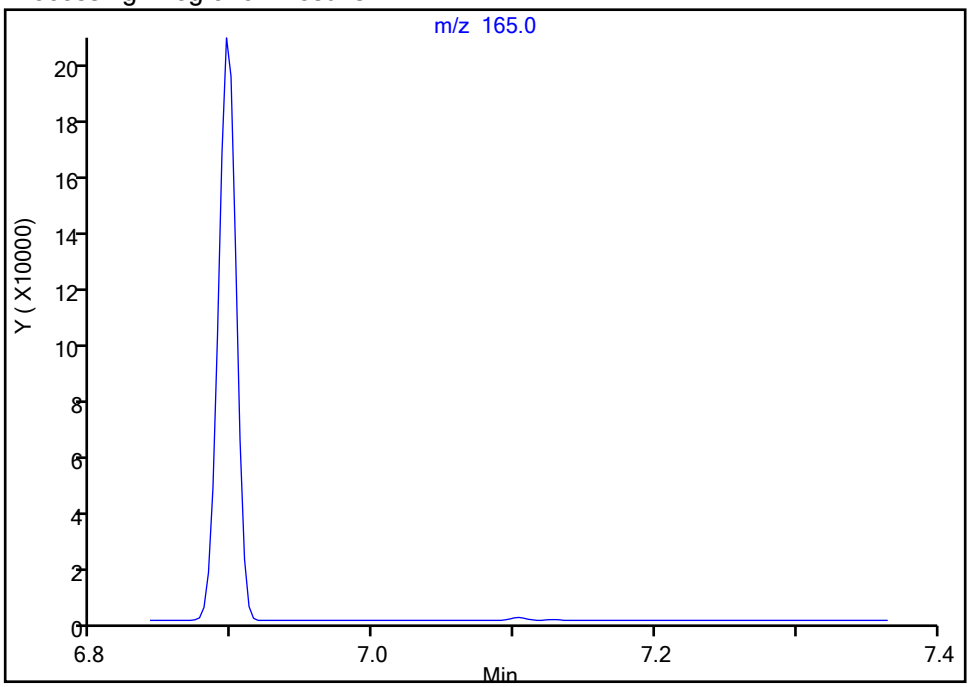
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D
Injection Date: 02-Jul-2025 14:05:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

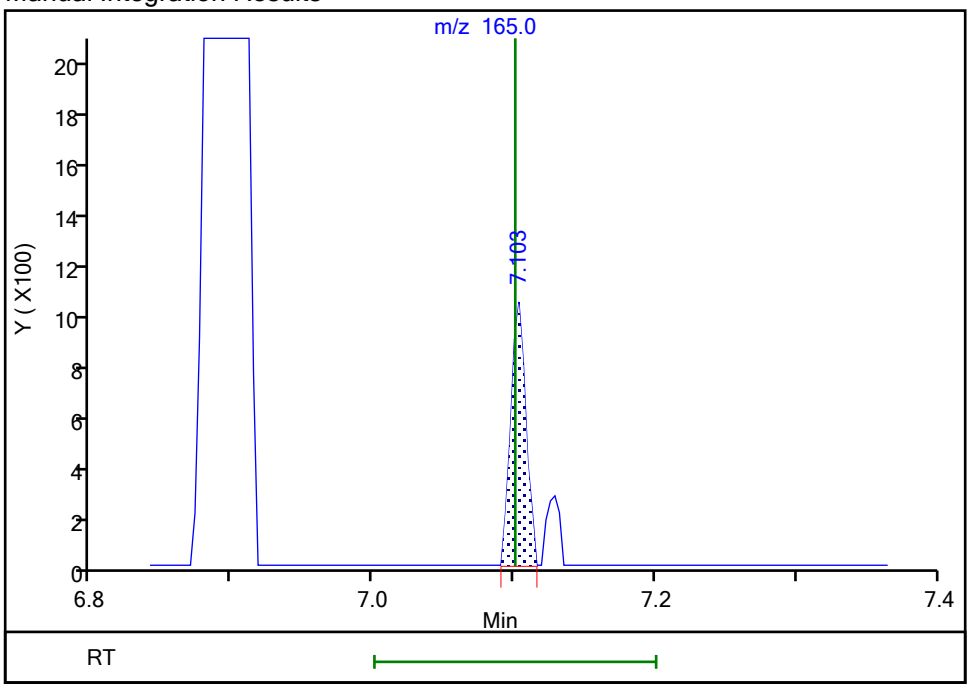
Not Detected
Expected RT: 7.10

Processing Integration Results



Manual Integration Results

RT: 7.10
Area: 759
Amount: 0.012570
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:25:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

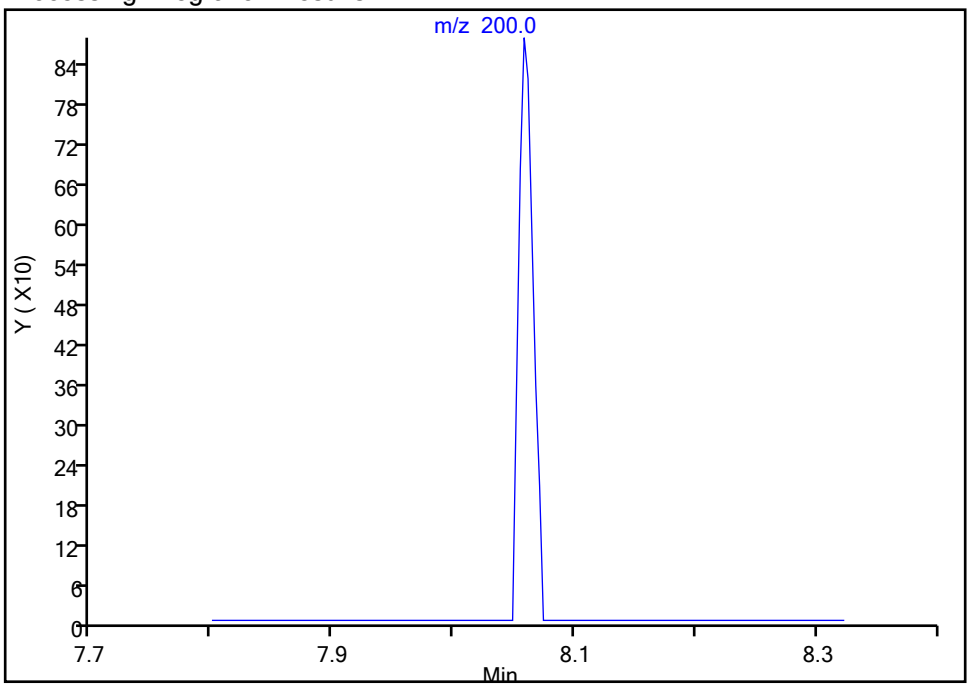
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D
Injection Date: 02-Jul-2025 14:05:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

83 Atrazine, CAS: 1912-24-9

Signal: 1

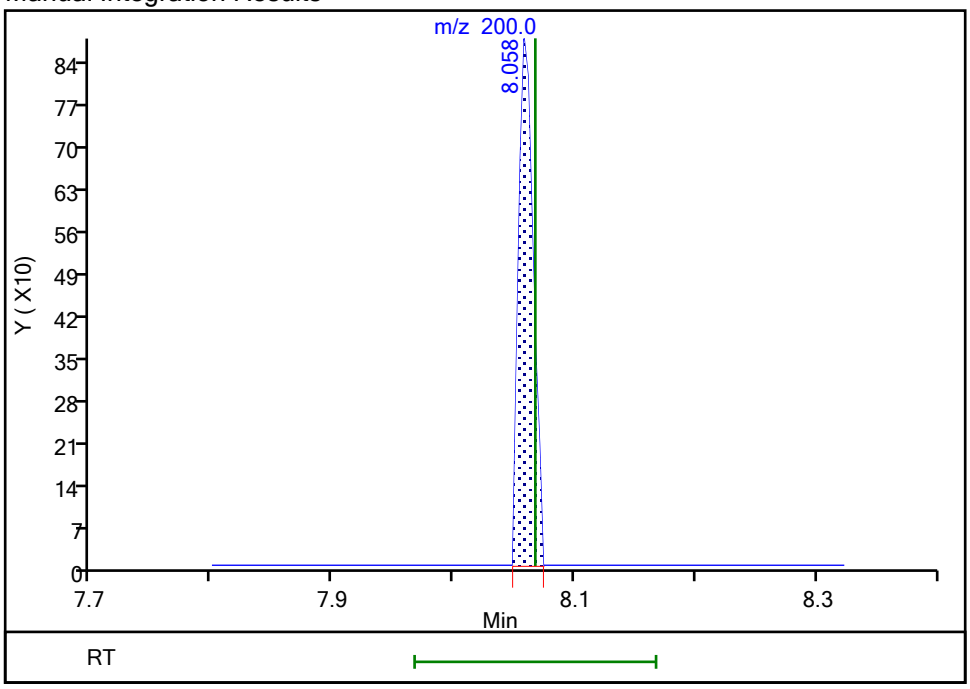
Not Detected
Expected RT: 8.07

Processing Integration Results



Manual Integration Results

RT: 8.06
Area: 739
Amount: 0.015320
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:24:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

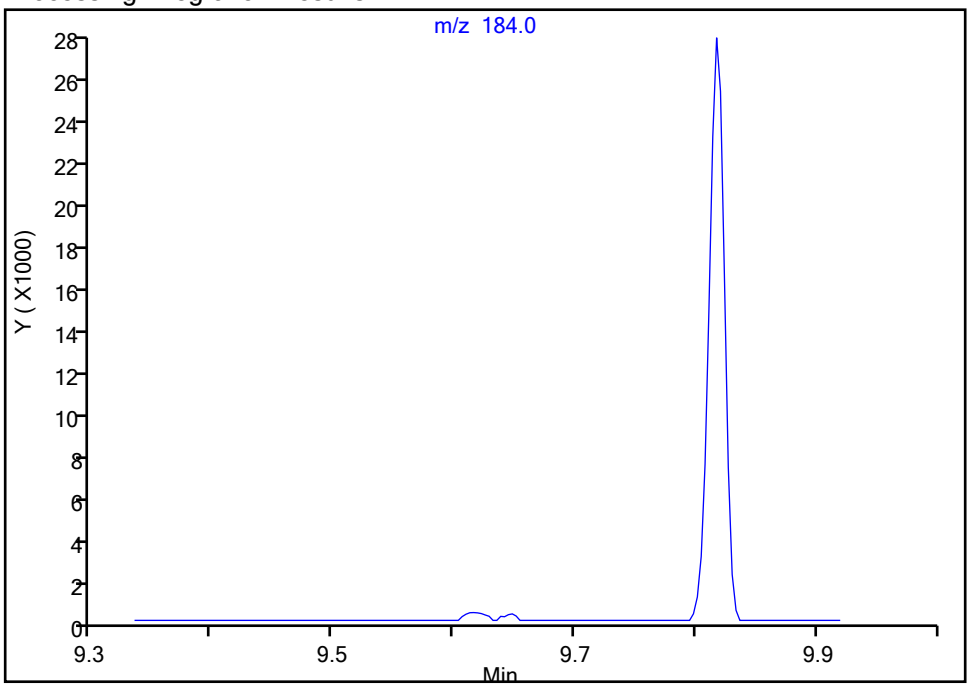
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D
Injection Date: 02-Jul-2025 14:05:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

94 Benzidine, CAS: 92-87-5

Signal: 1

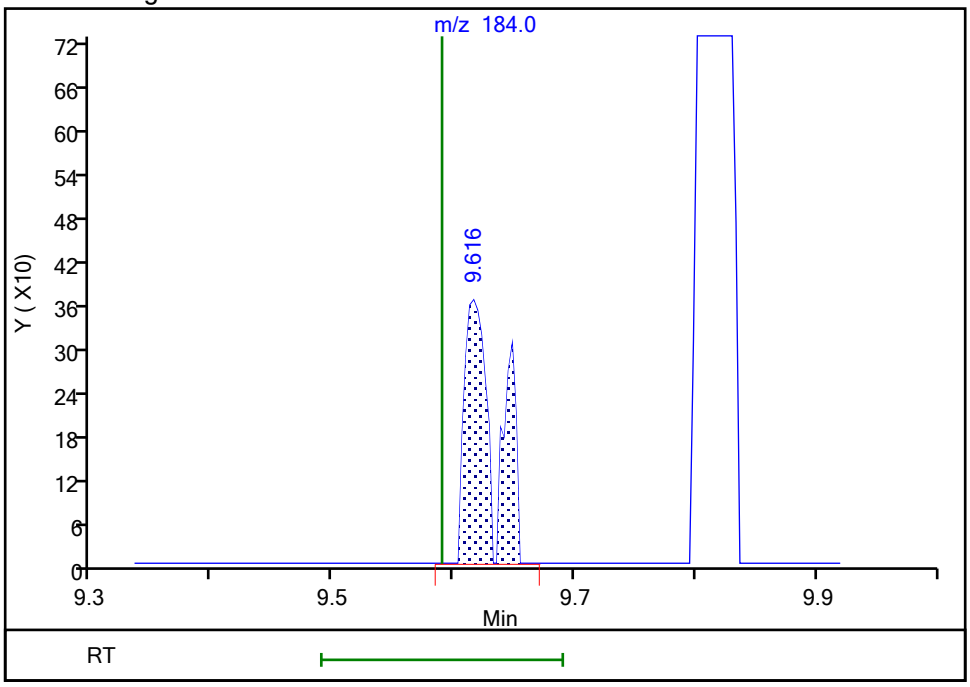
Not Detected
Expected RT: 9.59

Processing Integration Results



Manual Integration Results

RT: 9.62
Area: 658
Amount: 0.029335
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:24:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

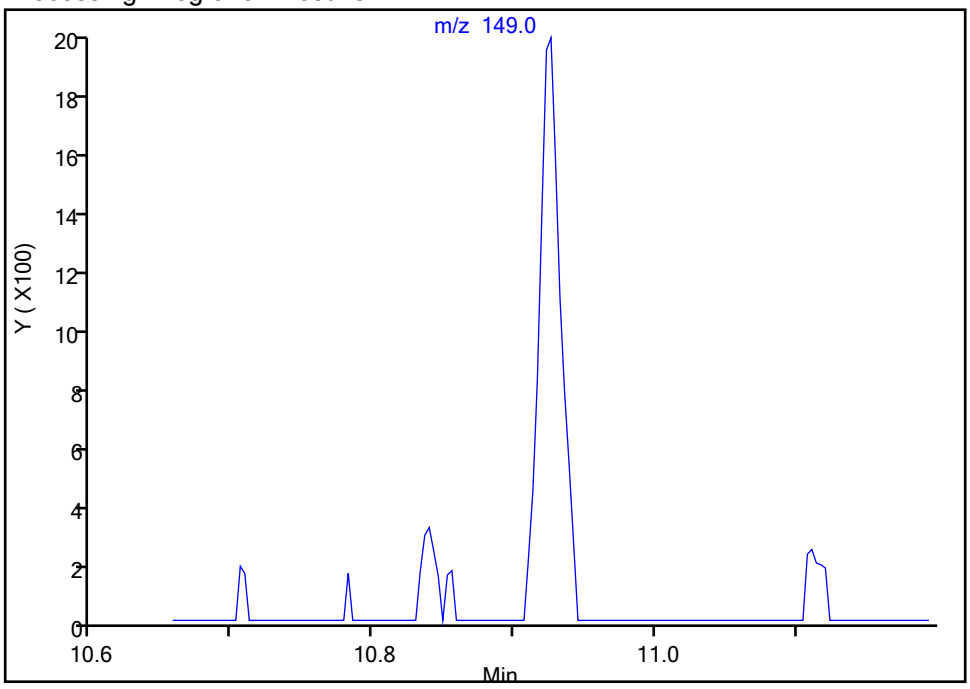
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D
Injection Date: 02-Jul-2025 14:05:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

105 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Signal: 1

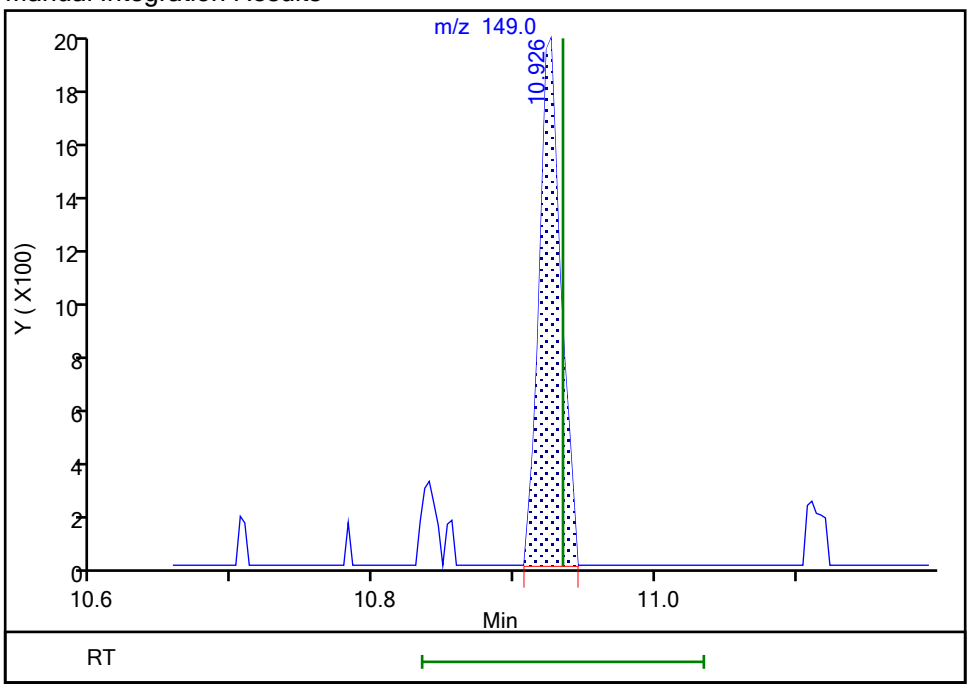
Not Detected
Expected RT: 10.93

Processing Integration Results



Manual Integration Results

RT: 10.93
Area: 2130
Amount: 0.020384
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:25:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

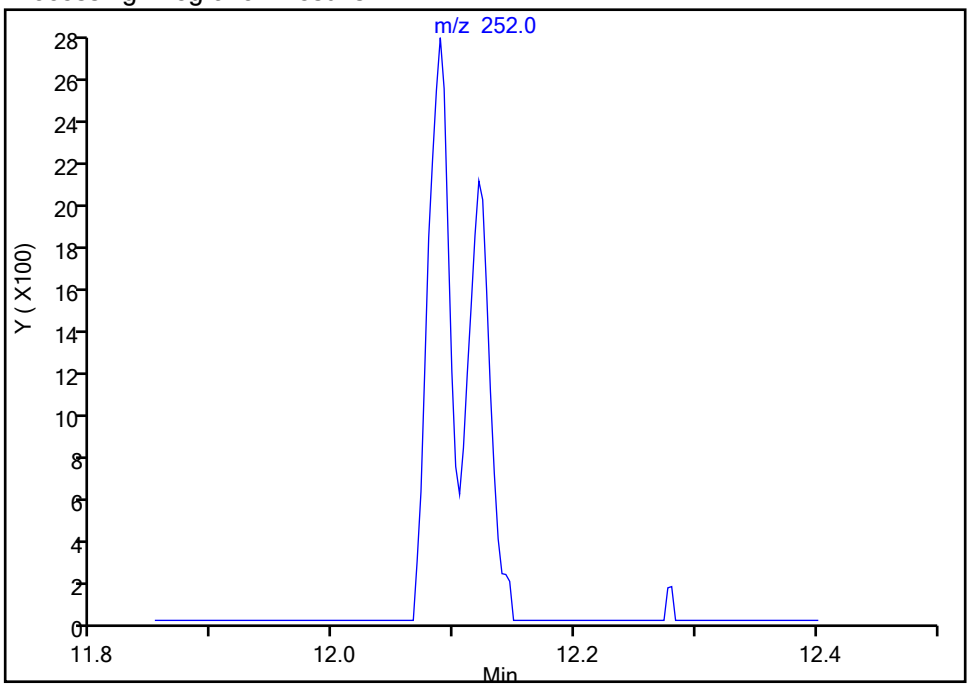
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D
Injection Date: 02-Jul-2025 14:05:30 Instrument ID: CBNAMS18
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

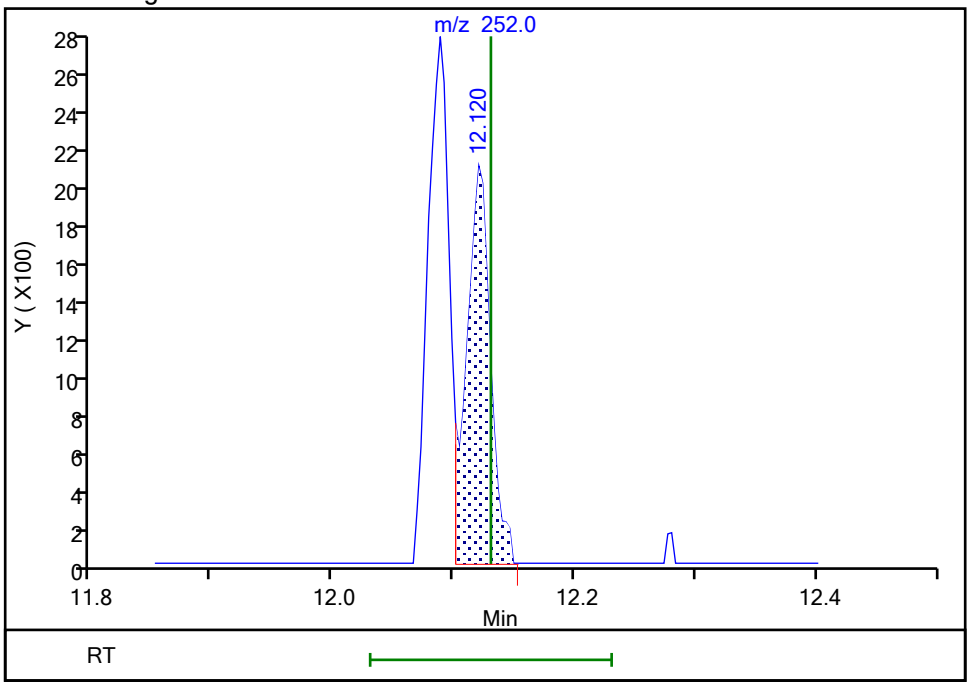
Not Detected
Expected RT: 12.13

Processing Integration Results



Manual Integration Results

RT: 12.12
Area: 2923
Amount: 0.019873
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:24:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / 1,4-Dioxane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

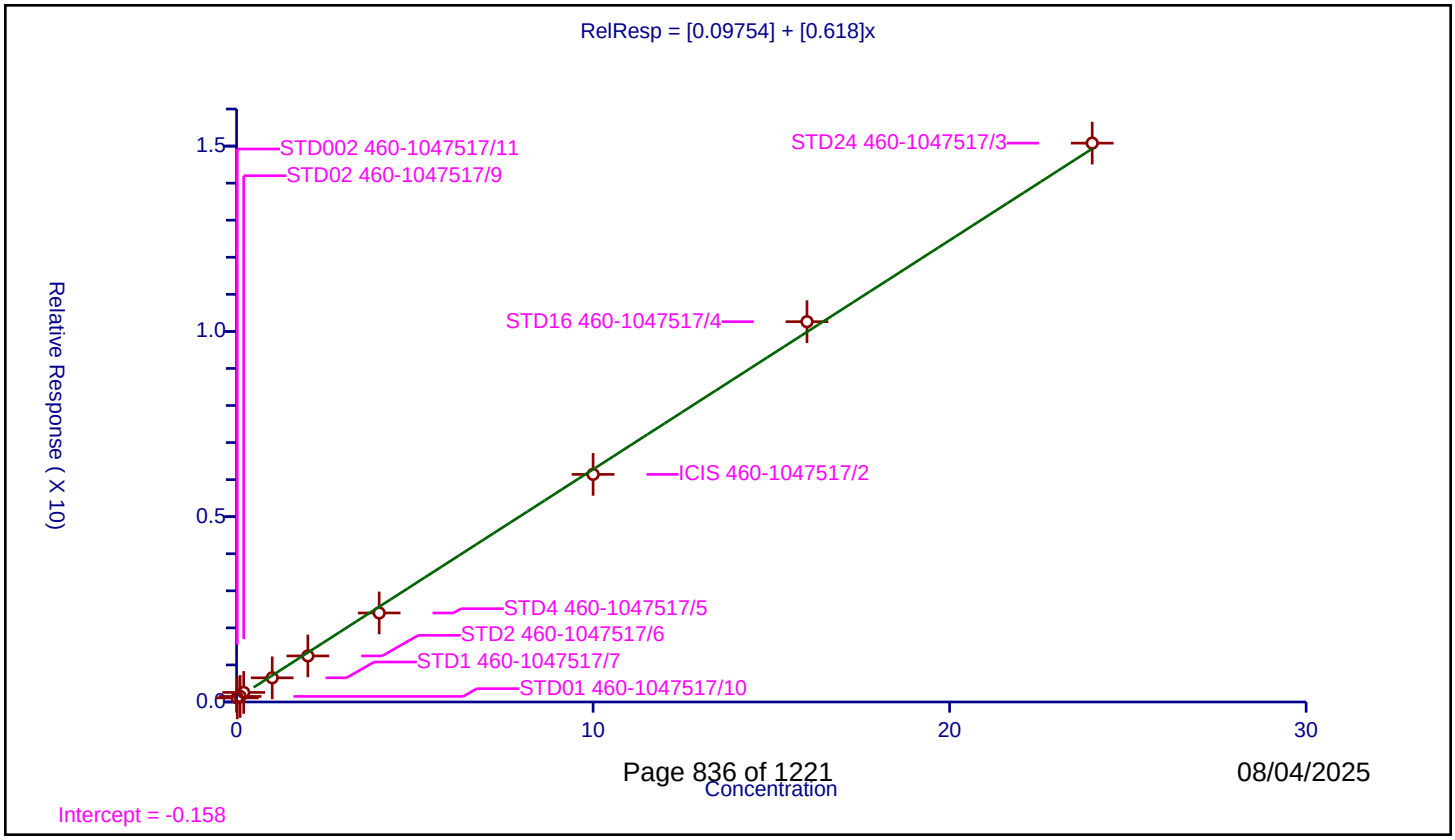
Curve Coefficients

Intercept:	0.09754
Slope:	0.618

Error Coefficients

Relative Standard Deviation:	14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.110857	8.0	782990.0	5.542855	Y
2	STD01 460-1047517/10	0.1	0.150289	8.0	818265.0	1.502887	Y
3	STD02 460-1047517/9	0.2	0.257737	8.0	838838.0	1.288687	Y
4	STD1 460-1047517/7	1.0	0.651956	8.0	795538.0	0.651956	Y
5	STD2 460-1047517/6	2.0	1.243134	8.0	787944.0	0.621567	Y
6	STD4 460-1047517/5	4.0	2.402391	8.0	870636.0	0.600598	Y
7	ICIS 460-1047517/2	10.0	6.141713	8.0	925545.0	0.614171	Y
8	STD16 460-1047517/4	16.0	10.261973	8.0	805863.0	0.641373	Y
9	STD24 460-1047517/3	24.0	15.07954	8.0	774482.0	0.628314	Y



Calibration / N-Nitrosodimethylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

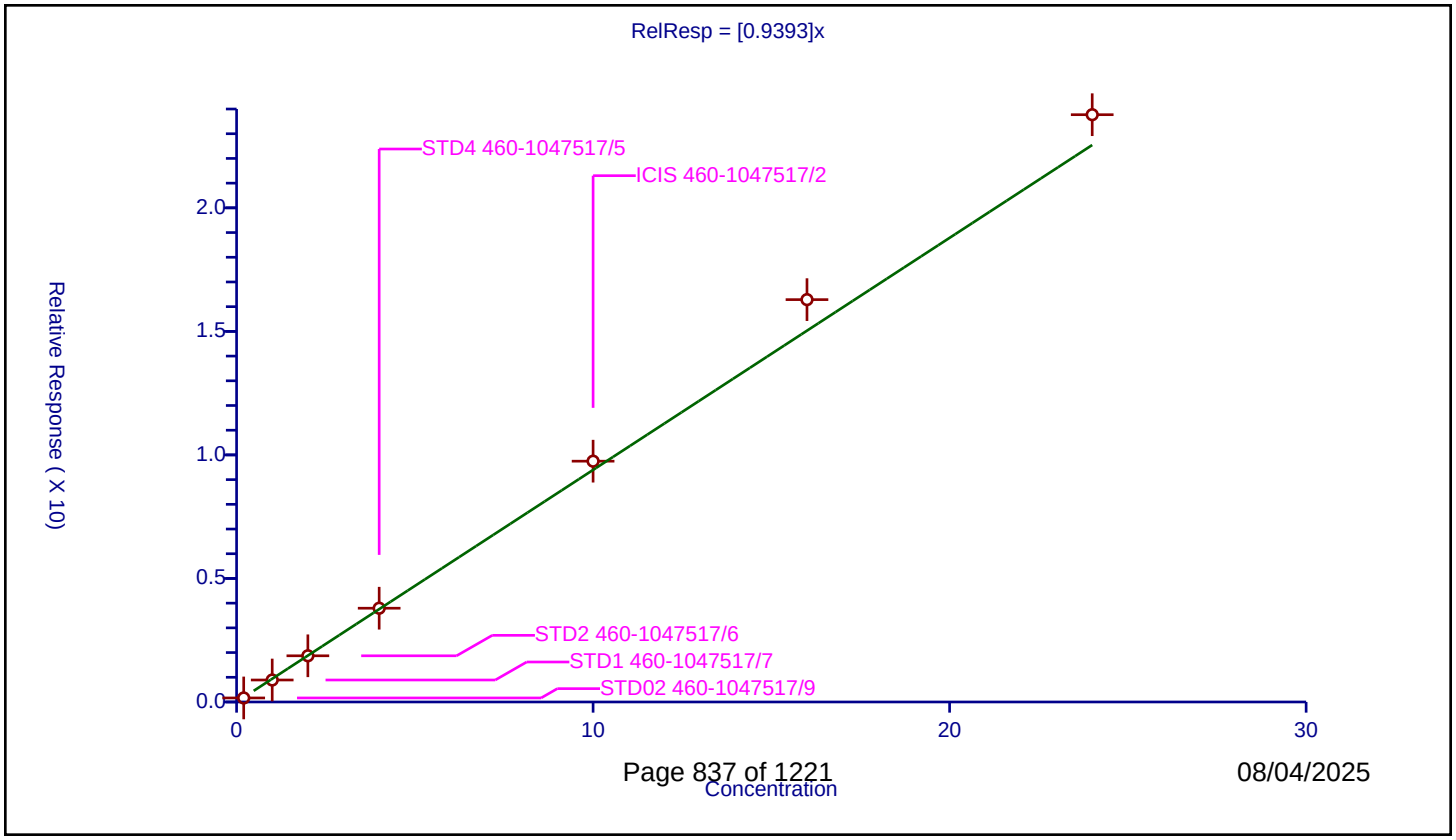
Curve Coefficients

Intercept:	0
Slope:	0.9393

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.163712	8.0	838838.0	0.818561	Y
2	STD1 460-1047517/7	1.0	0.889743	8.0	795538.0	0.889743	Y
3	STD2 460-1047517/6	2.0	1.870062	8.0	787944.0	0.935031	Y
4	STD4 460-1047517/5	4.0	3.794982	8.0	870636.0	0.948746	Y
5	ICIS 460-1047517/2	10.0	9.746958	8.0	925545.0	0.974696	Y
6	STD16 460-1047517/4	16.0	16.284713	8.0	805863.0	1.017795	Y
7	STD24 460-1047517/3	24.0	23.770272	8.0	774482.0	0.990428	Y



Calibration / Pyridine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

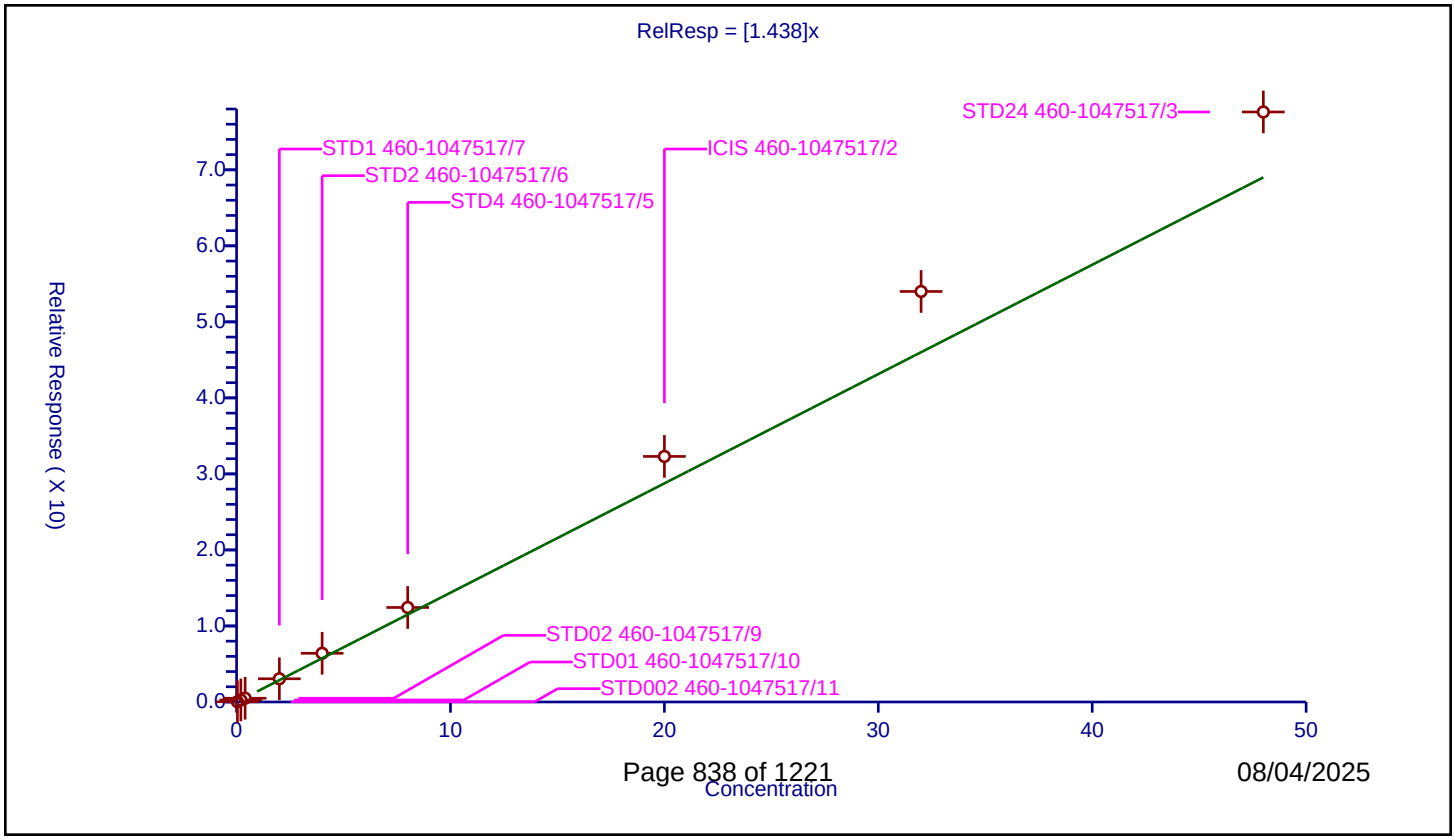
Curve Coefficients

Intercept:	0
Slope:	1.438

Error Coefficients

Relative Standard Deviation:	20.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.04	0.031285	8.0	782990.0	0.78213	Y
2	STD01 460-1047517/10	0.2	0.264618	8.0	818265.0	1.323092	Y
3	STD02 460-1047517/9	0.4	0.492586	8.0	838838.0	1.231465	Y
4	STD1 460-1047517/7	2.0	3.054909	8.0	795538.0	1.527454	Y
5	STD2 460-1047517/6	4.0	6.407054	8.0	787944.0	1.601764	Y
6	STD4 460-1047517/5	8.0	12.434597	8.0	870636.0	1.554325	Y
7	ICIS 460-1047517/2	20.0	32.29956	8.0	925545.0	1.614978	Y
8	STD16 460-1047517/4	32.0	53.998528	8.0	805863.0	1.687454	Y
9	STD24 460-1047517/3	48.0	77.609623	8.0	774482.0	1.616867	Y



Calibration / 2-Fluorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

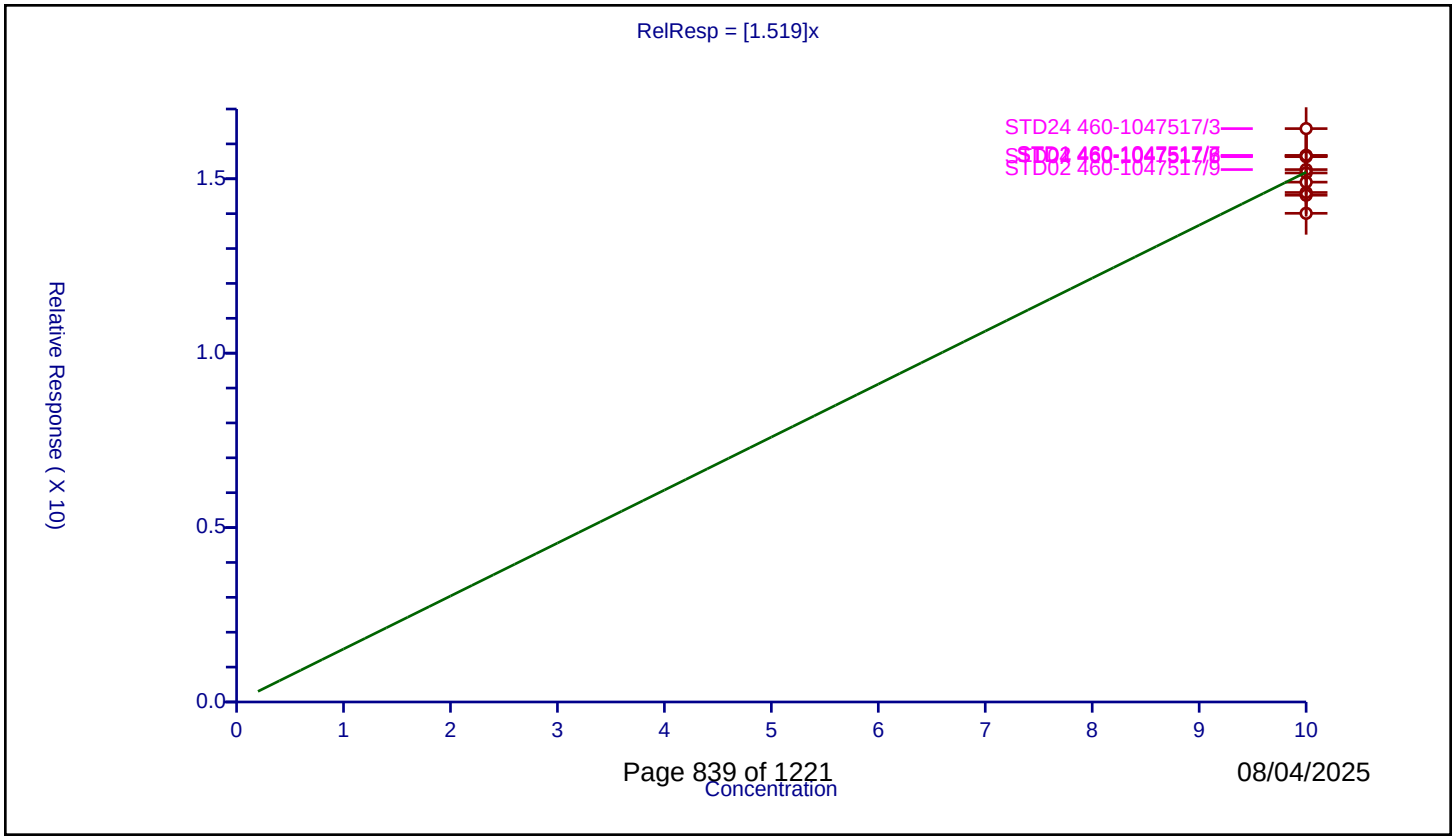
Curve Coefficients

Intercept:	0
Slope:	1.519

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1047517/2	10.0	14.009873	8.0	925545.0	1.400987	Y
2	STD24 460-1047517/3	10.0	16.437815	8.0	774482.0	1.643782	Y
3	STD16 460-1047517/4	10.0	14.528663	8.0	805863.0	1.452866	Y
4	STD4 460-1047517/5	10.0	14.903891	8.0	870636.0	1.490389	Y
5	STD2 460-1047517/6	10.0	15.659996	8.0	787944.0	1.566	Y
6	STD1 460-1047517/7	10.0	15.669748	8.0	795538.0	1.566975	Y
7	STD04 460-1047517/8	10.0	15.632925	8.0	817577.0	1.563293	Y
8	STD02 460-1047517/9	10.0	15.264039	8.0	838838.0	1.526404	Y
9	STD01 460-1047517/10	10.0	15.166764	8.0	818265.0	1.516676	Y
10	STD002 460-1047517/11	10.0	14.607134	8.0	782990.0	1.460713	Y



Calibration / Benzaldehyde

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

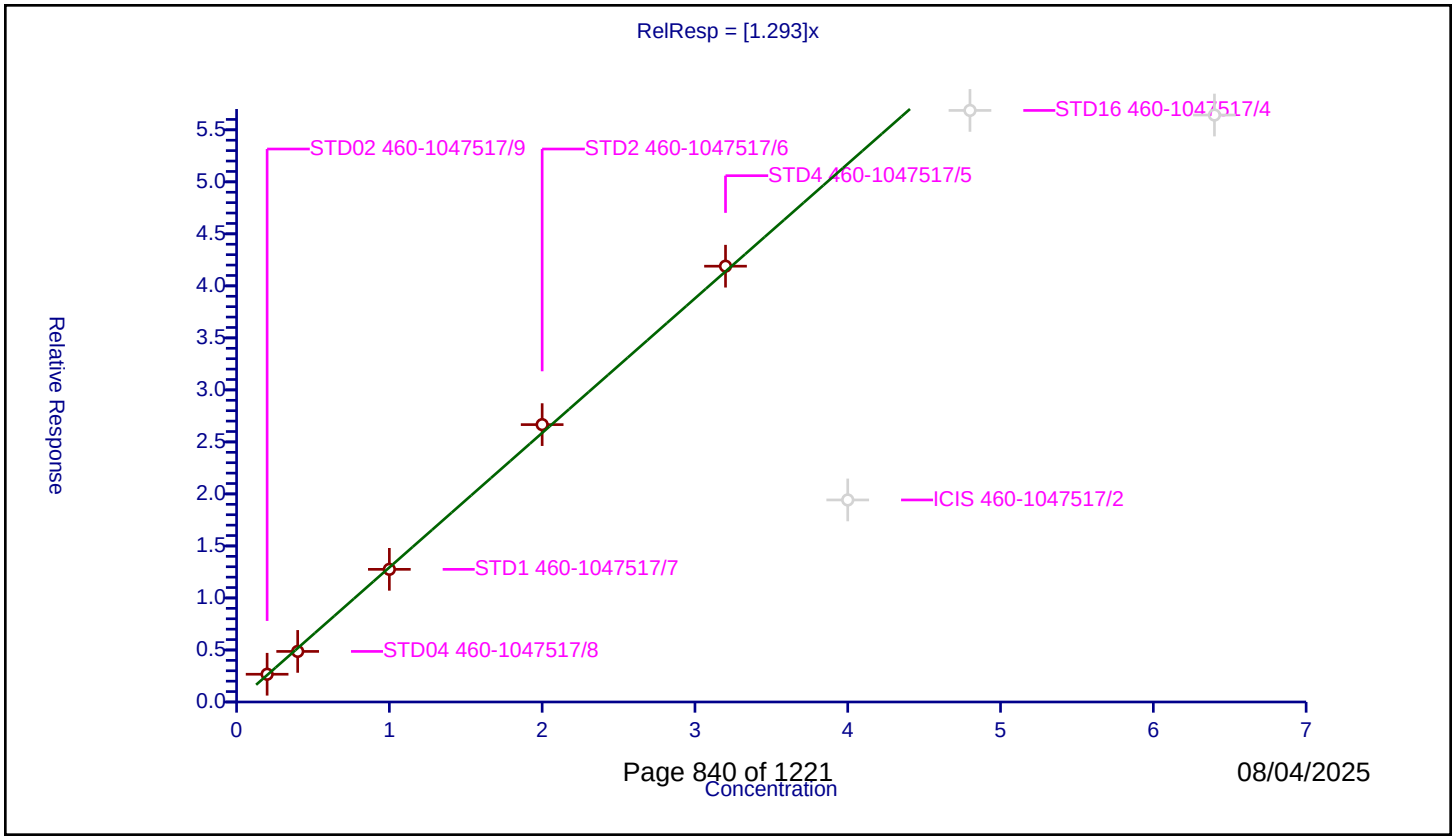
Curve Coefficients

Intercept:	0
Slope:	1.293

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.266759	8.0	838838.0	1.333797	Y
2	STD04 460-1047517/8	0.4	0.486061	8.0	817577.0	1.215152	Y
3	STD1 460-1047517/7	1.0	1.275082	8.0	795538.0	1.275082	Y
4	STD2 460-1047517/6	2.0	2.666159	8.0	787944.0	1.33308	Y
5	STD4 460-1047517/5	3.2	4.18925	8.0	870636.0	1.309141	Y
6	ICIS 460-1047517/2	4.0	1.94206	8.0	925545.0	0.485515	N
7	STD16 460-1047517/4	4.8	5.686436	8.0	805863.0	1.184674	N
8	STD24 460-1047517/3	6.4	5.641985	8.0	774482.0	0.88156	N



Calibration / Phenol-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

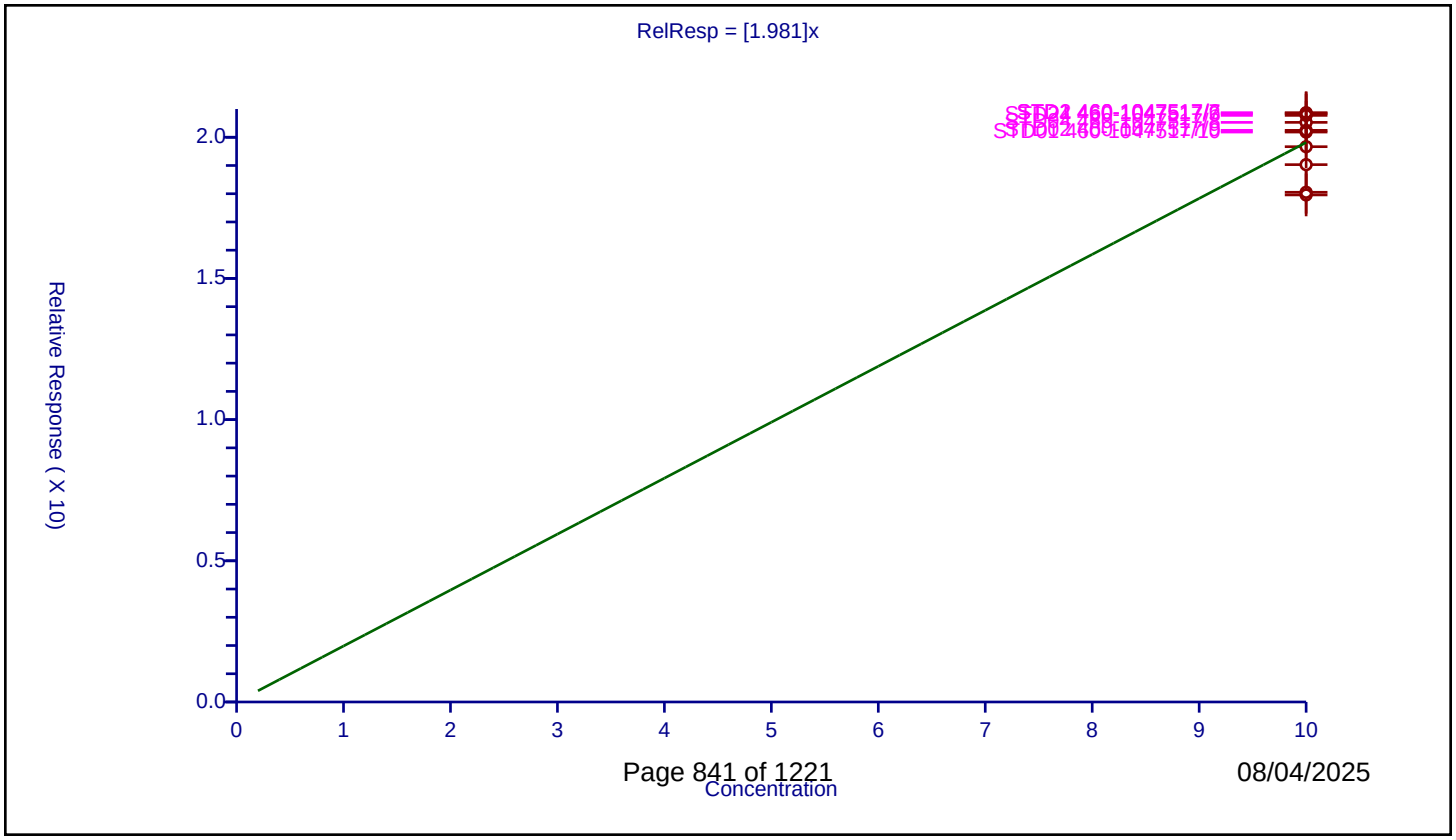
Curve Coefficients

Intercept:	0
Slope:	1.981

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1047517/2	10.0	17.957351	8.0	925545.0	1.795735	Y
2	STD24 460-1047517/3	10.0	20.774267	8.0	774482.0	2.077427	Y
3	STD16 460-1047517/4	10.0	18.051664	8.0	805863.0	1.805166	Y
4	STD4 460-1047517/5	10.0	19.665633	8.0	870636.0	1.966563	Y
5	STD2 460-1047517/6	10.0	20.870234	8.0	787944.0	2.087023	Y
6	STD1 460-1047517/7	10.0	20.840709	8.0	795538.0	2.084071	Y
7	STD04 460-1047517/8	10.0	20.526947	8.0	817577.0	2.052695	Y
8	STD02 460-1047517/9	10.0	20.244262	8.0	838838.0	2.024426	Y
9	STD01 460-1047517/10	10.0	20.183632	8.0	818265.0	2.018363	Y
10	STD002 460-1047517/11	10.0	19.029597	8.0	782990.0	1.90296	Y



Calibration / Phenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

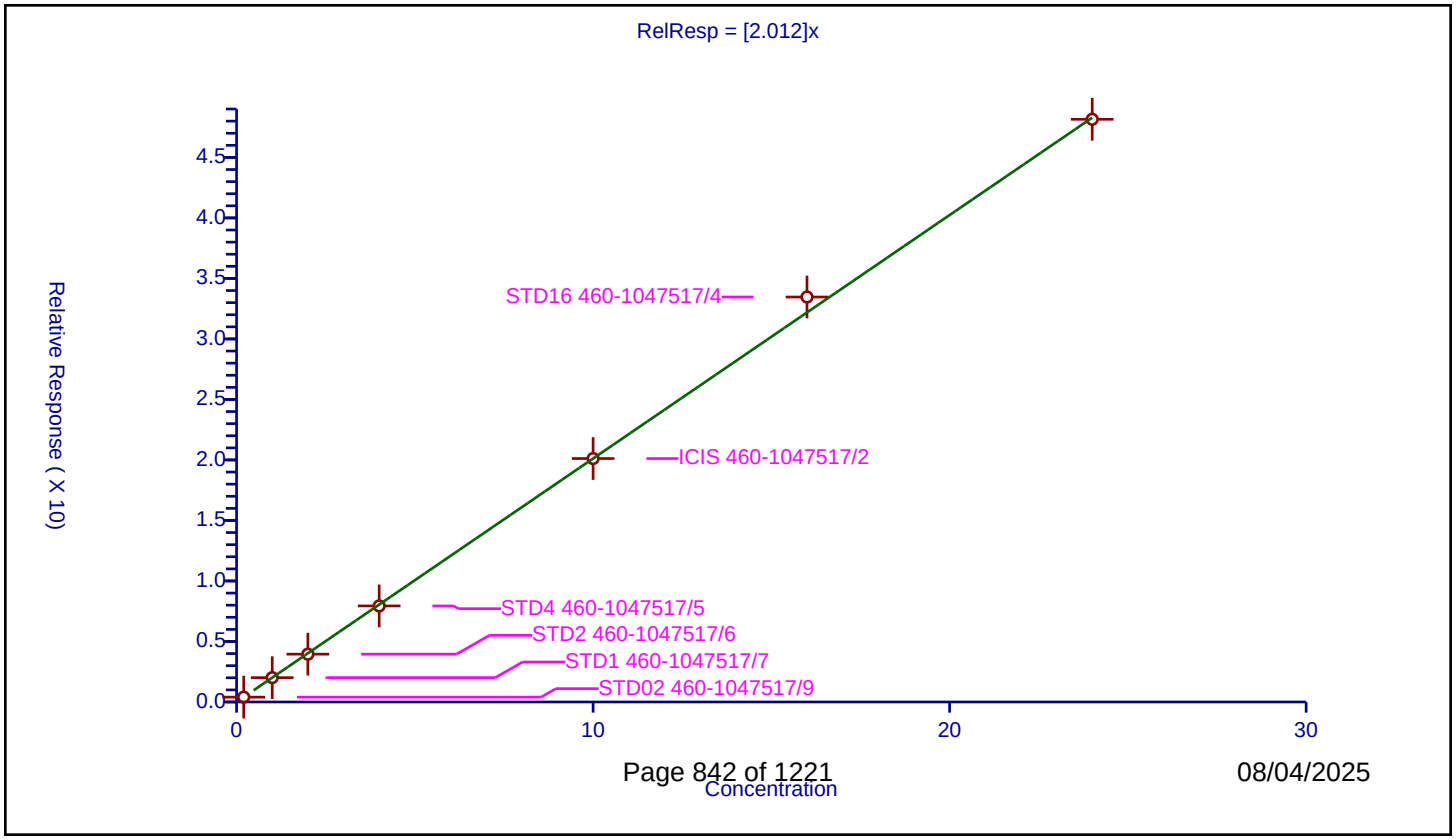
Curve Coefficients

Intercept:	0
Slope:	2.012

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.400297	8.0	838838.0	2.001483	Y
2	STD1 460-1047517/7	1.0	2.011197	8.0	795538.0	2.011197	Y
3	STD2 460-1047517/6	2.0	3.951083	8.0	787944.0	1.975541	Y
4	STD4 460-1047517/5	4.0	7.939134	8.0	870636.0	1.984784	Y
5	ICIS 460-1047517/2	10.0	20.116995	8.0	925545.0	2.011699	Y
6	STD16 460-1047517/4	16.0	33.464557	8.0	805863.0	2.091535	Y
7	STD24 460-1047517/3	24.0	48.15079	8.0	774482.0	2.006283	Y



Calibration / Aniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

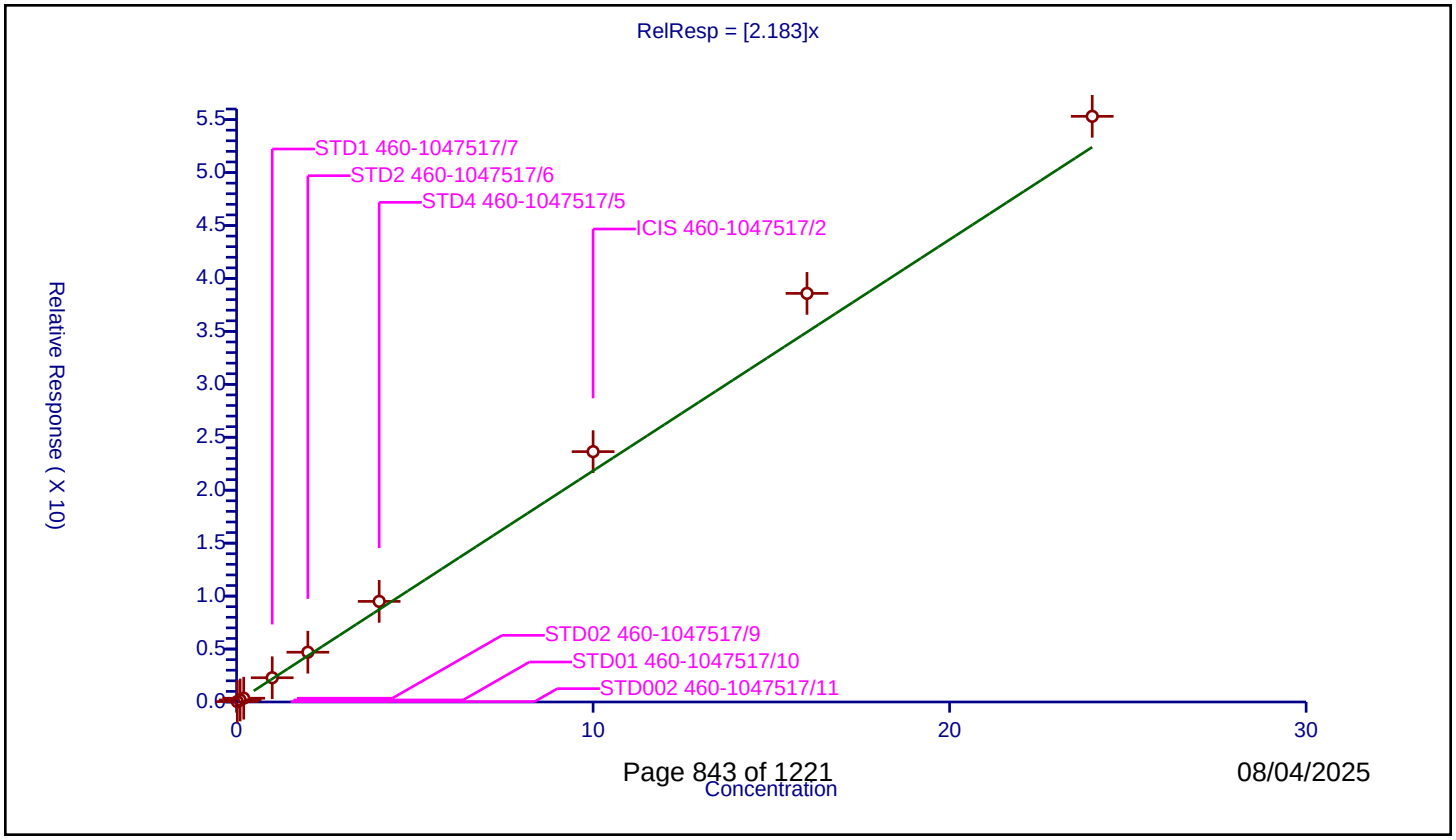
Curve Coefficients

Intercept:	0
Slope:	2.183

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.037446	8.0	782990.0	1.87231	Y
2	STD01 460-1047517/10	0.1	0.190325	8.0	818265.0	1.903247	Y
3	STD02 460-1047517/9	0.2	0.355492	8.0	838838.0	1.777459	Y
4	STD1 460-1047517/7	1.0	2.291149	8.0	795538.0	2.291149	Y
5	STD2 460-1047517/6	2.0	4.7014	8.0	787944.0	2.3507	Y
6	STD4 460-1047517/5	4.0	9.500705	8.0	870636.0	2.375176	Y
7	ICIS 460-1047517/2	10.0	23.643739	8.0	925545.0	2.364374	Y
8	STD16 460-1047517/4	16.0	38.588852	8.0	805863.0	2.411803	Y
9	STD24 460-1047517/3	24.0	55.310063	8.0	774482.0	2.304586	Y



Calibration / Bis(2-chloroethyl)ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

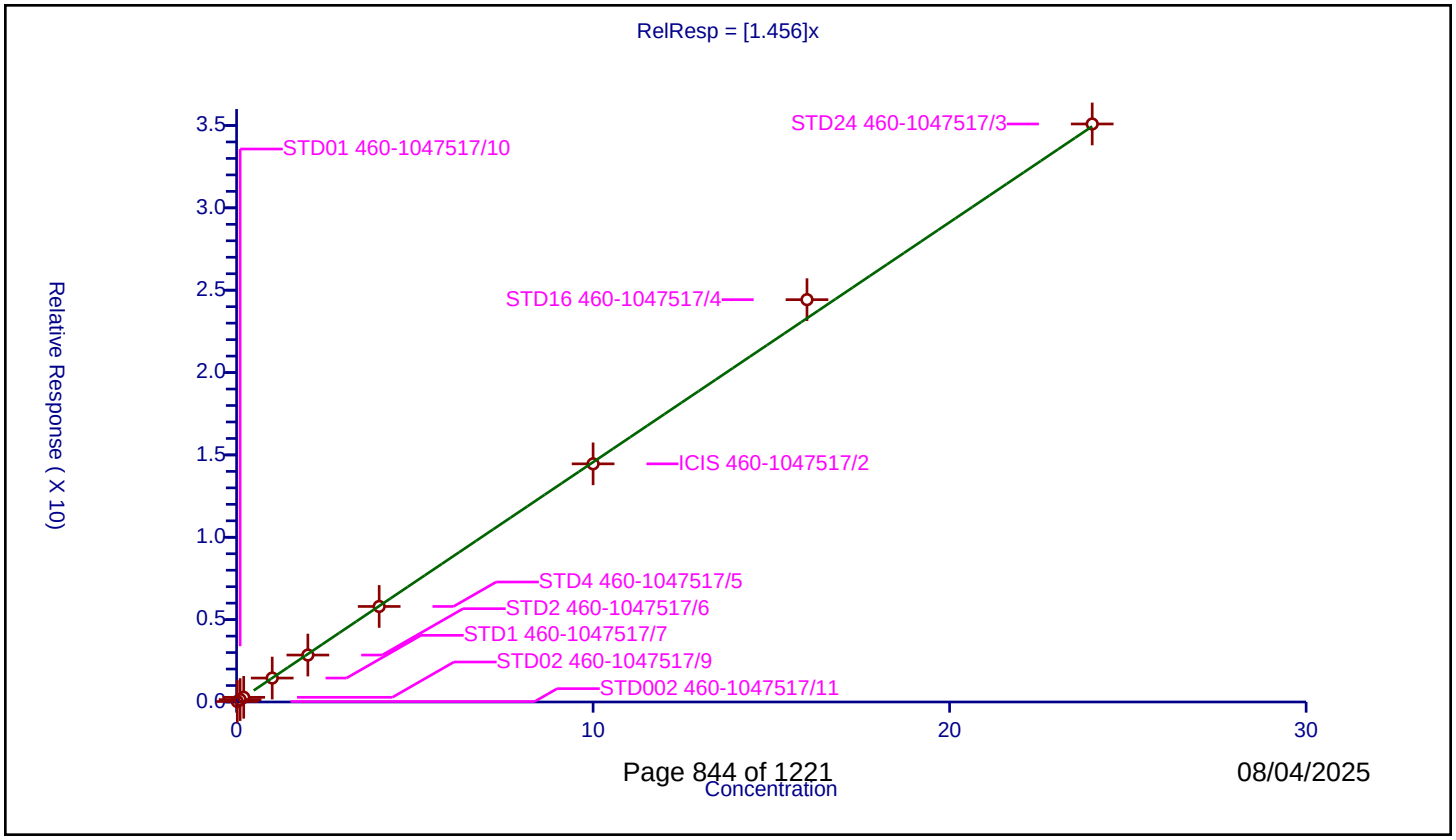
Curve Coefficients

Intercept:	0
Slope:	1.456

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.028976	8.0	782990.0	1.448805	Y
2	STD01 460-1047517/10	0.1	0.146994	8.0	818265.0	1.469939	Y
3	STD02 460-1047517/9	0.2	0.284737	8.0	838838.0	1.423684	Y
4	STD1 460-1047517/7	1.0	1.453477	8.0	795538.0	1.453477	Y
5	STD2 460-1047517/6	2.0	2.849705	8.0	787944.0	1.424853	Y
6	STD4 460-1047517/5	4.0	5.800707	8.0	870636.0	1.450177	Y
7	ICIS 460-1047517/2	10.0	14.458353	8.0	925545.0	1.445835	Y
8	STD16 460-1047517/4	16.0	24.425521	8.0	805863.0	1.526595	Y
9	STD24 460-1047517/3	24.0	35.092028	8.0	774482.0	1.462168	Y



Calibration / 2-Chlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

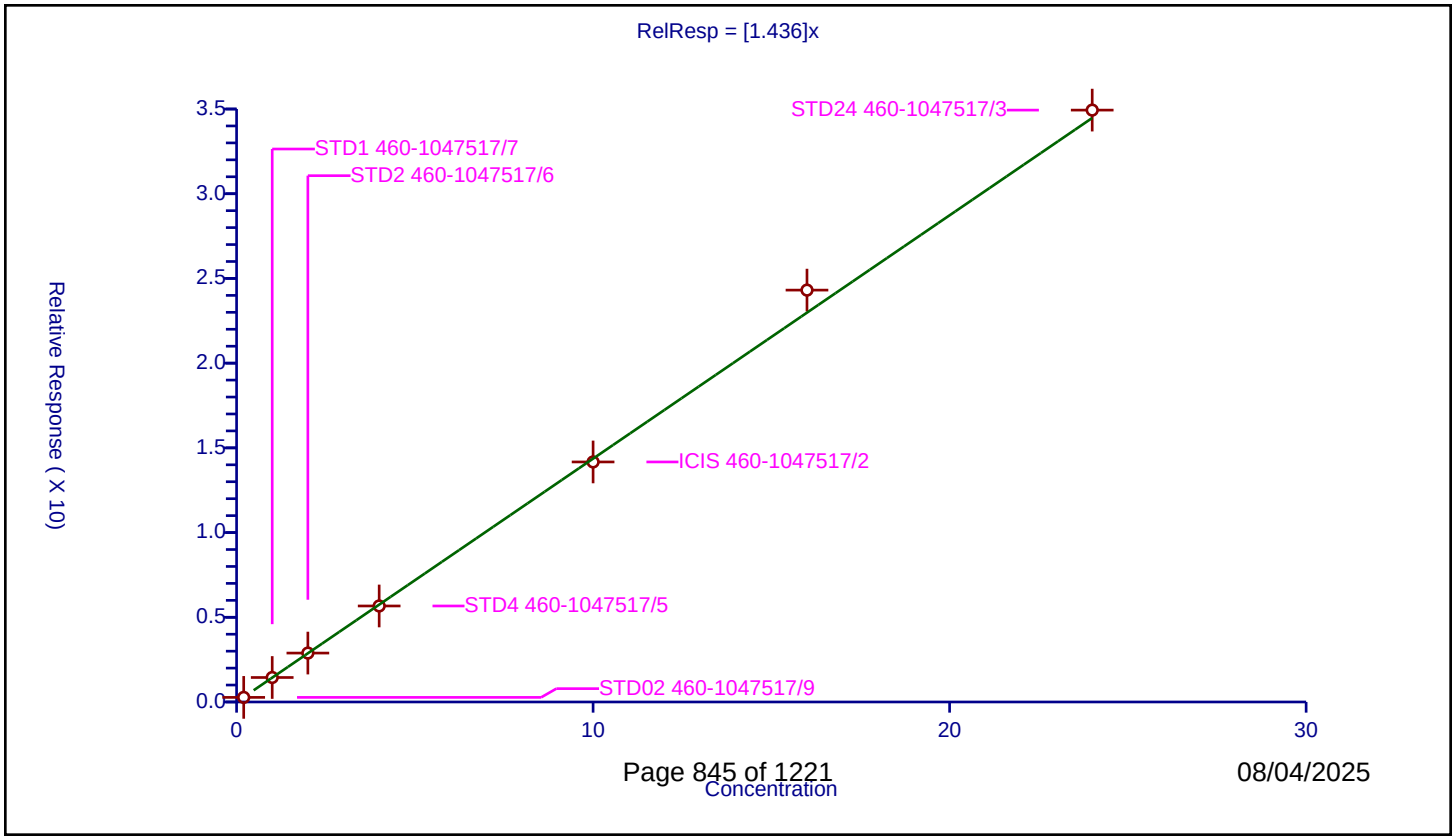
Curve Coefficients

Intercept:	0
Slope:	1.436

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.270956	8.0	838838.0	1.354779	Y
2	STD1 460-1047517/7	1.0	1.446397	8.0	795538.0	1.446397	Y
3	STD2 460-1047517/6	2.0	2.888195	8.0	787944.0	1.444098	Y
4	STD4 460-1047517/5	4.0	5.667406	8.0	870636.0	1.416852	Y
5	ICIS 460-1047517/2	10.0	14.168033	8.0	925545.0	1.416803	Y
6	STD16 460-1047517/4	16.0	24.311299	8.0	805863.0	1.519456	Y
7	STD24 460-1047517/3	24.0	34.93533	8.0	774482.0	1.455639	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

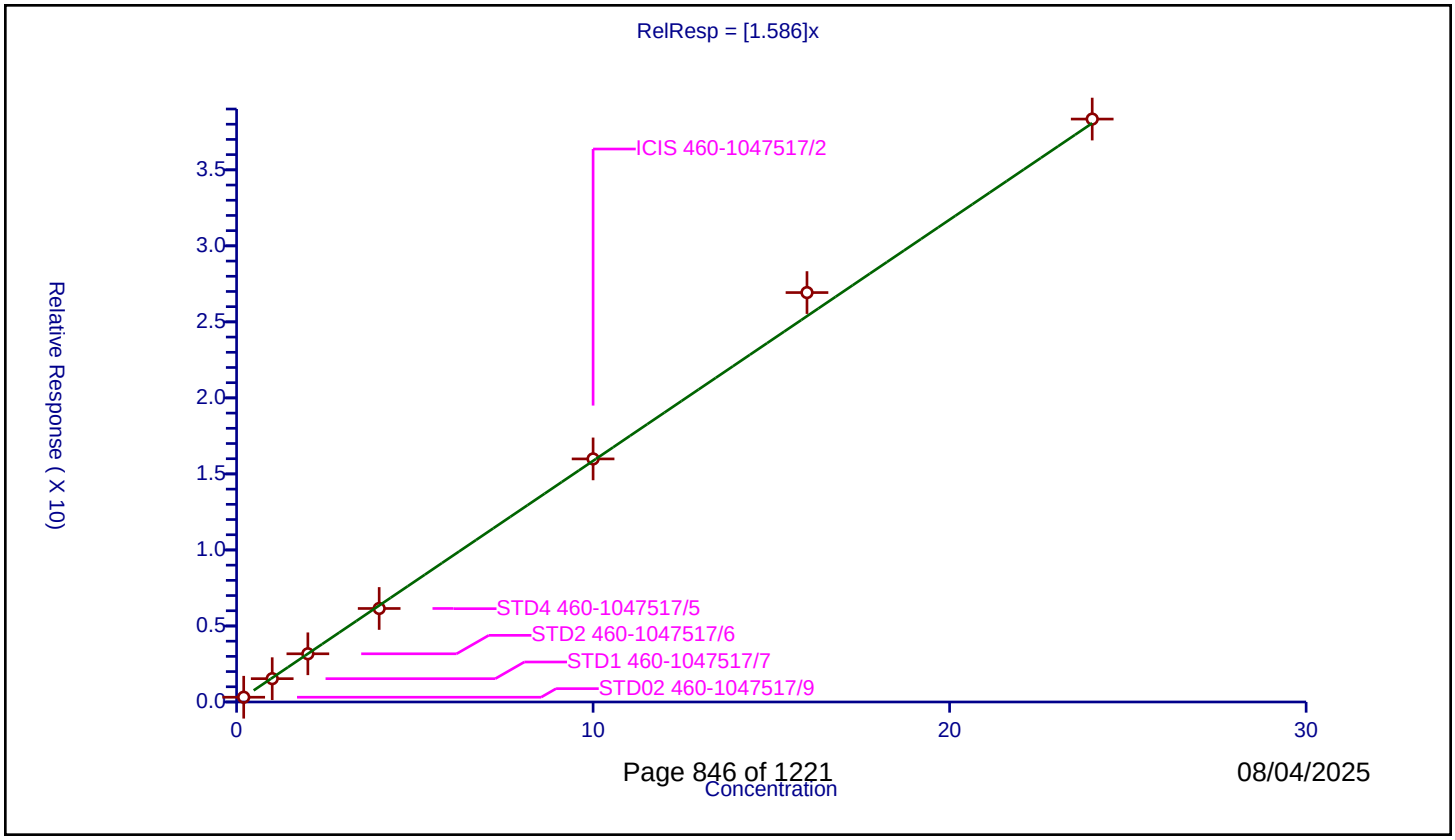
Curve Coefficients

Intercept:	0
Slope:	1.586

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.313262	8.0	838838.0	1.56631	Y
2	STD1 460-1047517/7	1.0	1.534388	8.0	795538.0	1.534388	Y
3	STD2 460-1047517/6	2.0	3.170581	8.0	787944.0	1.58529	Y
4	STD4 460-1047517/5	4.0	6.150354	8.0	870636.0	1.537589	Y
5	ICIS 460-1047517/2	10.0	15.988115	8.0	925545.0	1.598812	Y
6	STD16 460-1047517/4	16.0	26.927406	8.0	805863.0	1.682963	Y
7	STD24 460-1047517/3	24.0	38.338802	8.0	774482.0	1.59745	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

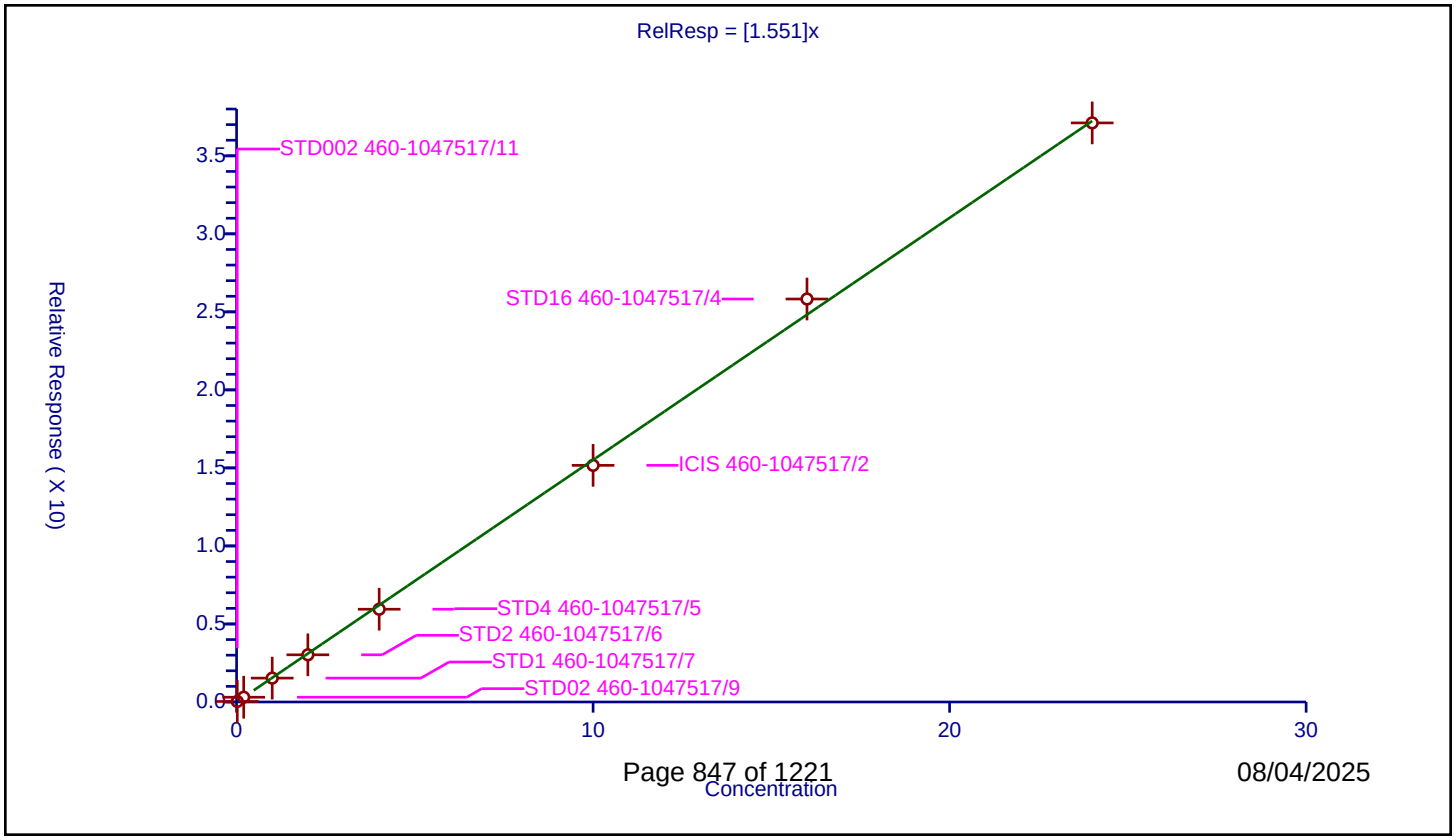
Curve Coefficients

Intercept:	0
Slope:	1.551

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.033717	8.0	782990.0	1.685845	Y
2	STD02 460-1047517/9	0.2	0.304192	8.0	838838.0	1.520961	Y
3	STD1 460-1047517/7	1.0	1.529531	8.0	795538.0	1.529531	Y
4	STD2 460-1047517/6	2.0	3.023362	8.0	787944.0	1.511681	Y
5	STD4 460-1047517/5	4.0	5.943664	8.0	870636.0	1.485916	Y
6	ICIS 460-1047517/2	10.0	15.163235	8.0	925545.0	1.516323	Y
7	STD16 460-1047517/4	16.0	25.823744	8.0	805863.0	1.613984	Y
8	STD24 460-1047517/3	24.0	37.108984	8.0	774482.0	1.546208	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

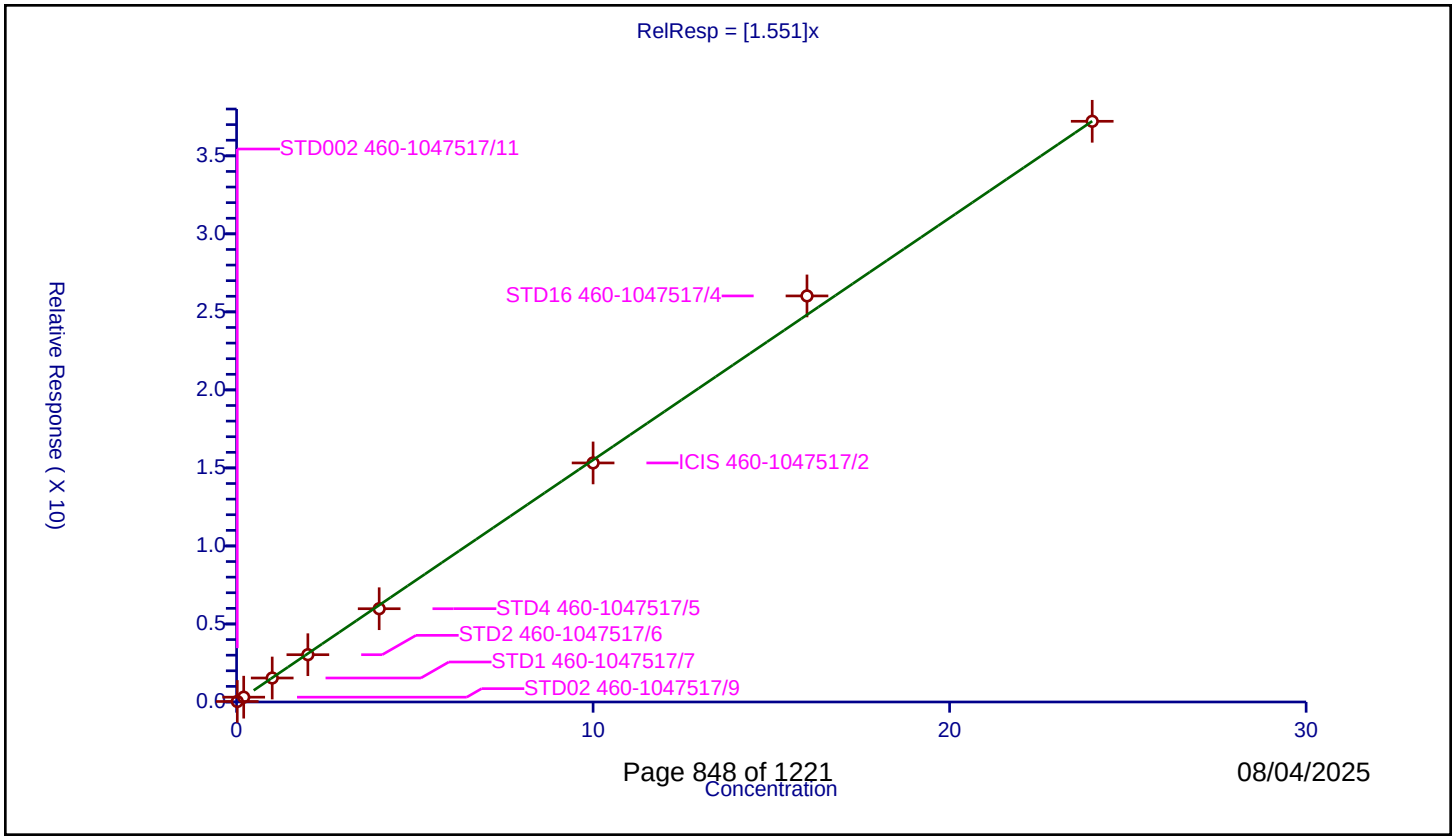
Curve Coefficients

Intercept:	0
Slope:	1.551

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.032103	8.0	782990.0	1.605129	Y
2	STD02 460-1047517/9	0.2	0.309256	8.0	838838.0	1.546282	Y
3	STD1 460-1047517/7	1.0	1.537505	8.0	795538.0	1.537505	Y
4	STD2 460-1047517/6	2.0	3.030439	8.0	787944.0	1.515219	Y
5	STD4 460-1047517/5	4.0	5.977166	8.0	870636.0	1.494292	Y
6	ICIS 460-1047517/2	10.0	15.319147	8.0	925545.0	1.531915	Y
7	STD16 460-1047517/4	16.0	26.02214	8.0	805863.0	1.626384	Y
8	STD24 460-1047517/3	24.0	37.214303	8.0	774482.0	1.550596	Y



Calibration / Benzyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

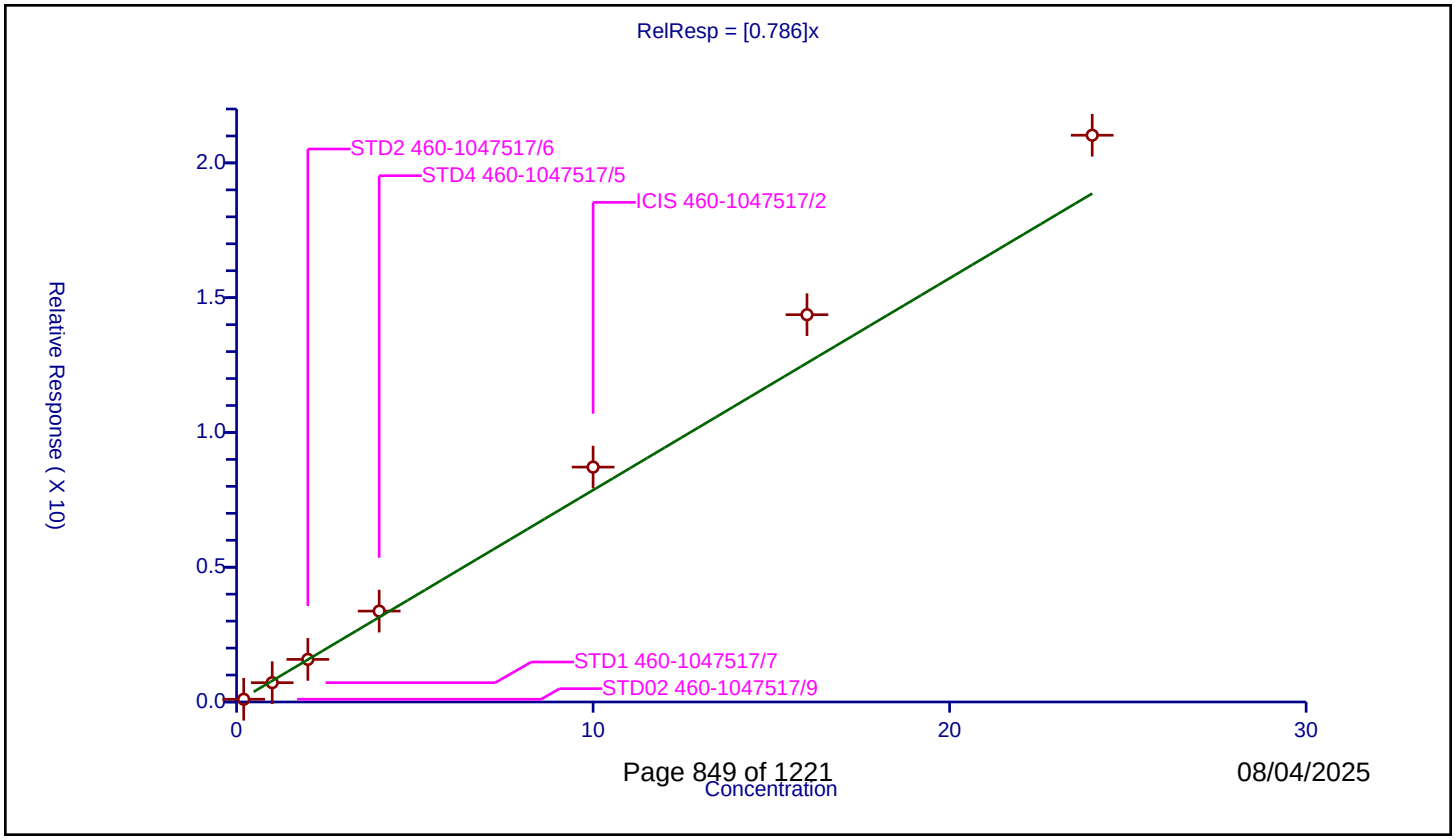
Curve Coefficients

Intercept:	0
Slope:	0.786

Error Coefficients

Relative Standard Deviation:	17.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.101197	8.0	838838.0	0.505986	Y
2	STD1 460-1047517/7	1.0	0.71717	8.0	795538.0	0.71717	Y
3	STD2 460-1047517/6	2.0	1.580589	8.0	787944.0	0.790295	Y
4	STD4 460-1047517/5	4.0	3.372569	8.0	870636.0	0.843142	Y
5	ICIS 460-1047517/2	10.0	8.714969	8.0	925545.0	0.871497	Y
6	STD16 460-1047517/4	16.0	14.368616	8.0	805863.0	0.898039	Y
7	STD24 460-1047517/3	24.0	21.027856	8.0	774482.0	0.876161	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

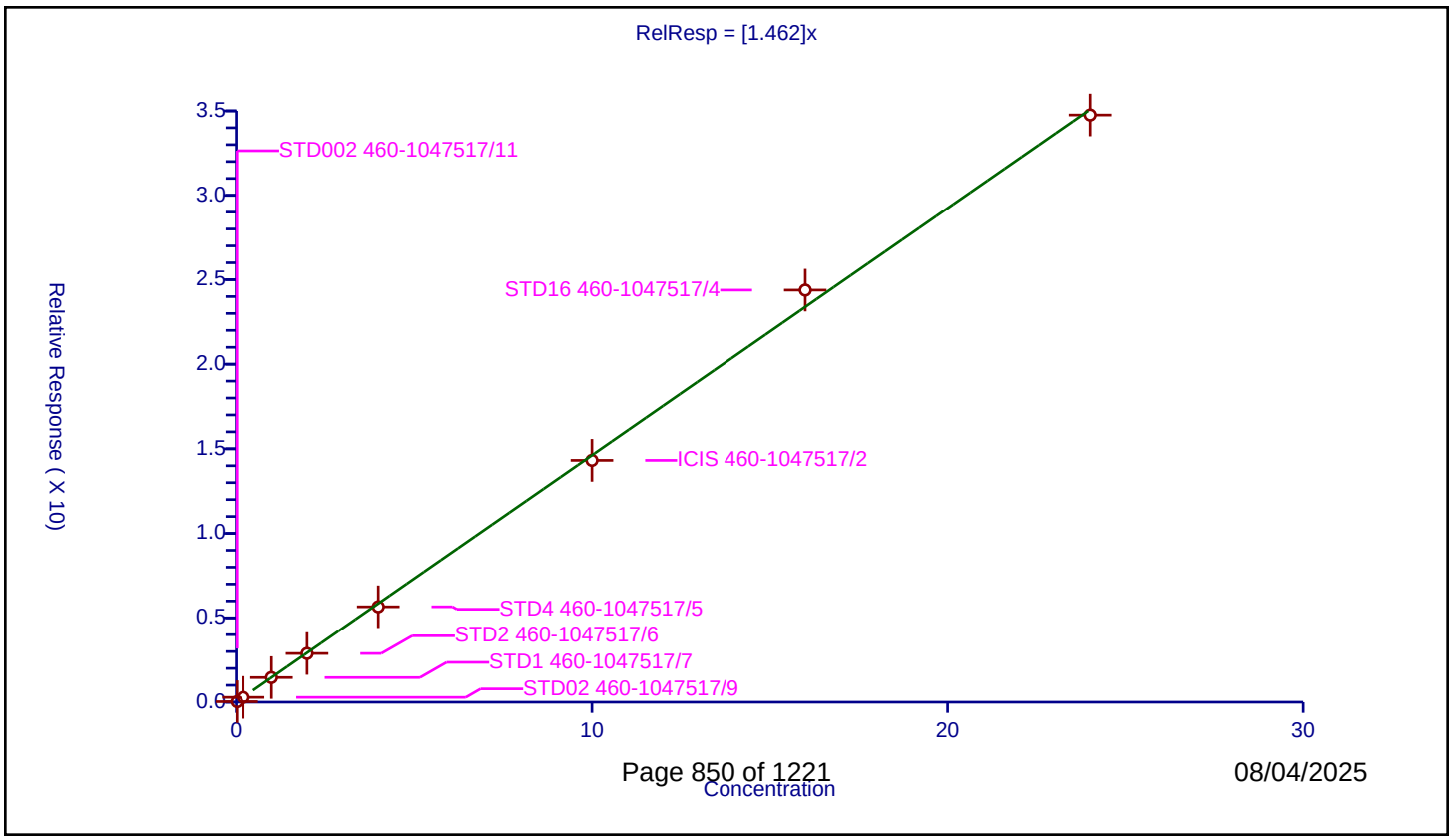
Curve Coefficients

Intercept:	0
Slope:	1.462

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.030805	8.0	782990.0	1.54025	Y
2	STD02 460-1047517/9	0.2	0.286415	8.0	838838.0	1.432076	Y
3	STD1 460-1047517/7	1.0	1.460144	8.0	795538.0	1.460144	Y
4	STD2 460-1047517/6	2.0	2.885626	8.0	787944.0	1.442813	Y
5	STD4 460-1047517/5	4.0	5.655562	8.0	870636.0	1.413891	Y
6	ICIS 460-1047517/2	10.0	14.317048	8.0	925545.0	1.431705	Y
7	STD16 460-1047517/4	16.0	24.382616	8.0	805863.0	1.523913	Y
8	STD24 460-1047517/3	24.0	34.755969	8.0	774482.0	1.448165	Y



Calibration / 2-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

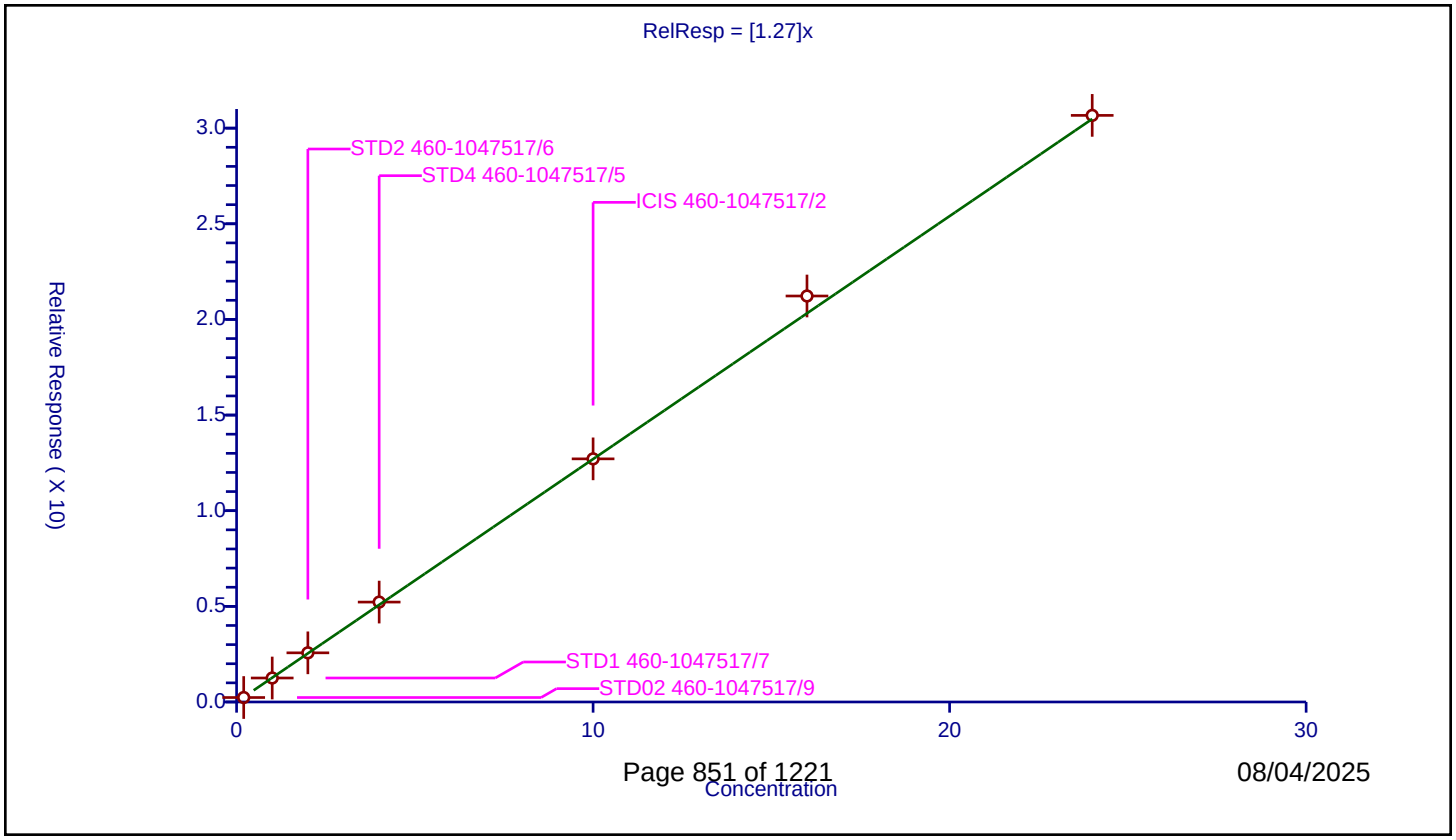
Curve Coefficients

Intercept:	0
Slope:	1.27

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.23399	8.0	838838.0	1.169952	Y
2	STD1 460-1047517/7	1.0	1.253773	8.0	795538.0	1.253773	Y
3	STD2 460-1047517/6	2.0	2.570396	8.0	787944.0	1.285198	Y
4	STD4 460-1047517/5	4.0	5.222748	8.0	870636.0	1.305687	Y
5	ICIS 460-1047517/2	10.0	12.71117	8.0	925545.0	1.271117	Y
6	STD16 460-1047517/4	16.0	21.224461	8.0	805863.0	1.326529	Y
7	STD24 460-1047517/3	24.0	30.666495	8.0	774482.0	1.277771	Y



Calibration / 2,2'-oxybis[1-chloropropane]

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

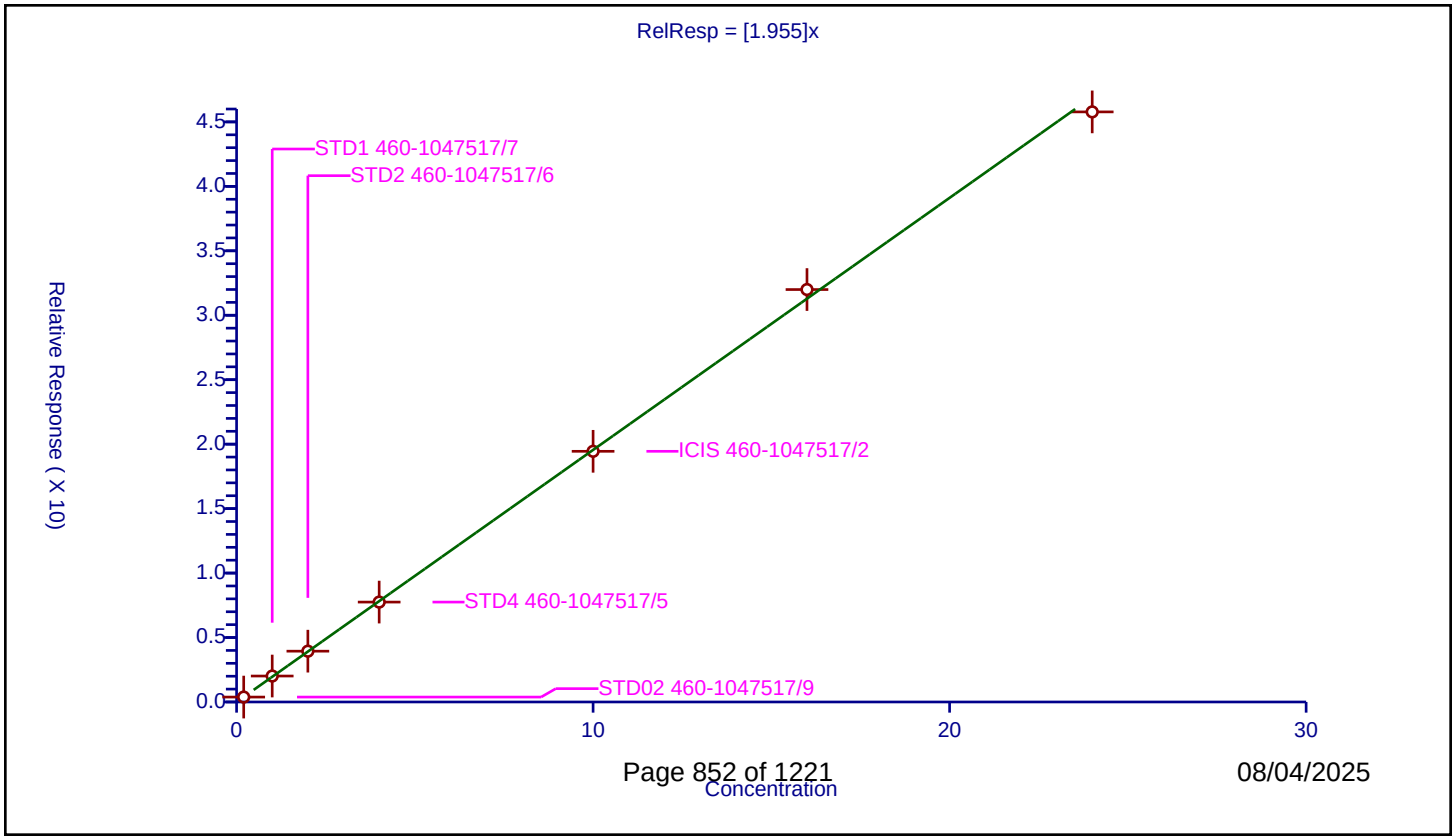
Curve Coefficients

Intercept:	0
Slope:	1.955

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.382663	8.0	838838.0	1.913313	Y
2	STD1 460-1047517/7	1.0	2.014858	8.0	795538.0	2.014858	Y
3	STD2 460-1047517/6	2.0	3.941173	8.0	787944.0	1.970587	Y
4	STD4 460-1047517/5	4.0	7.749663	8.0	870636.0	1.937416	Y
5	ICIS 460-1047517/2	10.0	19.446566	8.0	925545.0	1.944657	Y
6	STD16 460-1047517/4	16.0	31.995473	8.0	805863.0	1.999717	Y
7	STD24 460-1047517/3	24.0	45.775545	8.0	774482.0	1.907314	Y



Calibration / N-Methylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

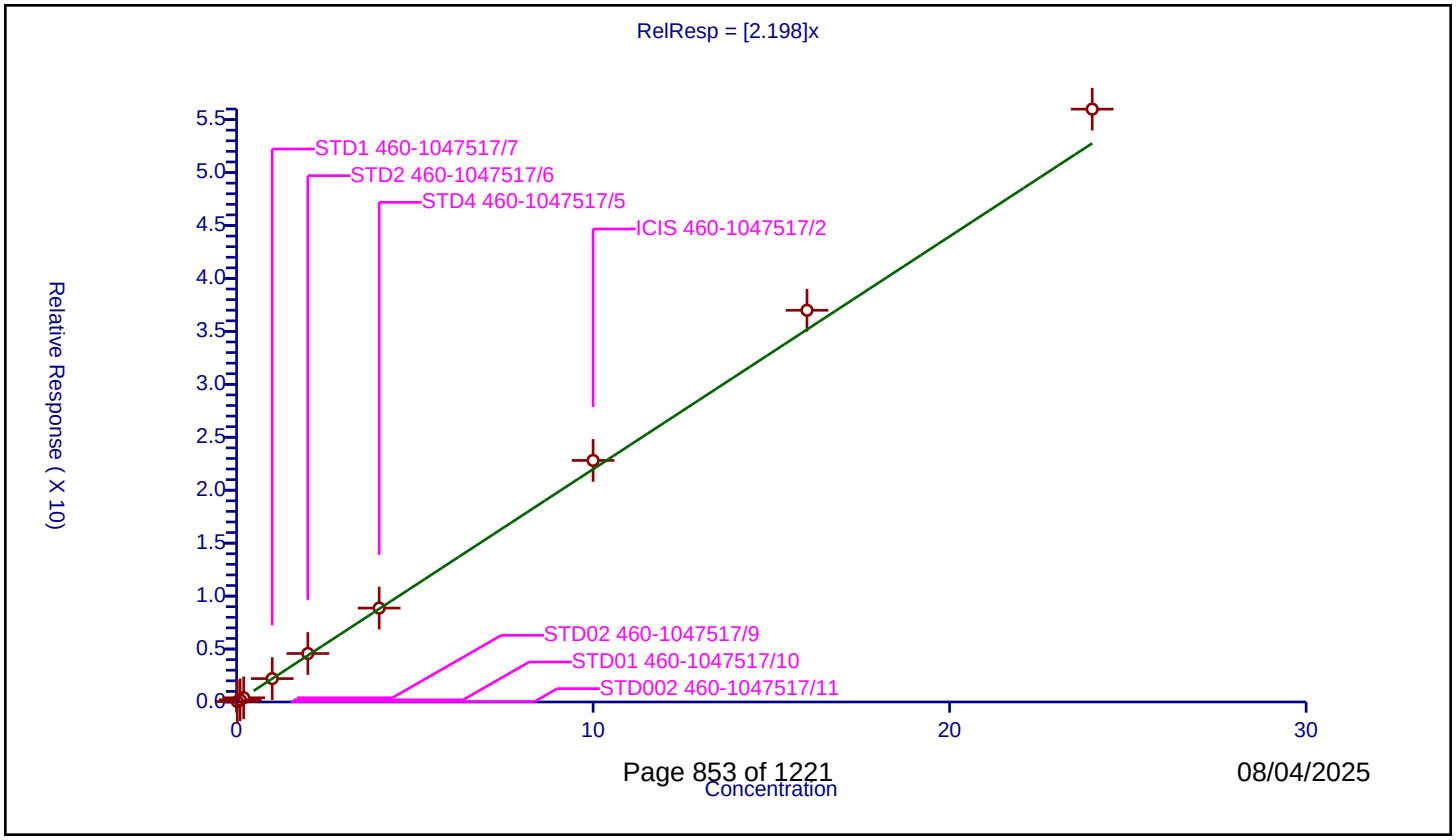
Curve Coefficients

Intercept:	0
Slope:	2.198

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.042677	8.0	782990.0	2.133871	Y
2	STD01 460-1047517/10	0.1	0.202683	8.0	818265.0	2.026825	Y
3	STD02 460-1047517/9	0.2	0.397073	8.0	838838.0	1.985365	Y
4	STD1 460-1047517/7	1.0	2.206788	8.0	795538.0	2.206788	Y
5	STD2 460-1047517/6	2.0	4.579696	8.0	787944.0	2.289848	Y
6	STD4 460-1047517/5	4.0	8.868404	8.0	870636.0	2.217101	Y
7	ICIS 460-1047517/2	10.0	22.811753	8.0	925545.0	2.281175	Y
8	STD16 460-1047517/4	16.0	36.992898	8.0	805863.0	2.312056	Y
9	STD24 460-1047517/3	24.0	55.987067	8.0	774482.0	2.332794	Y



Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

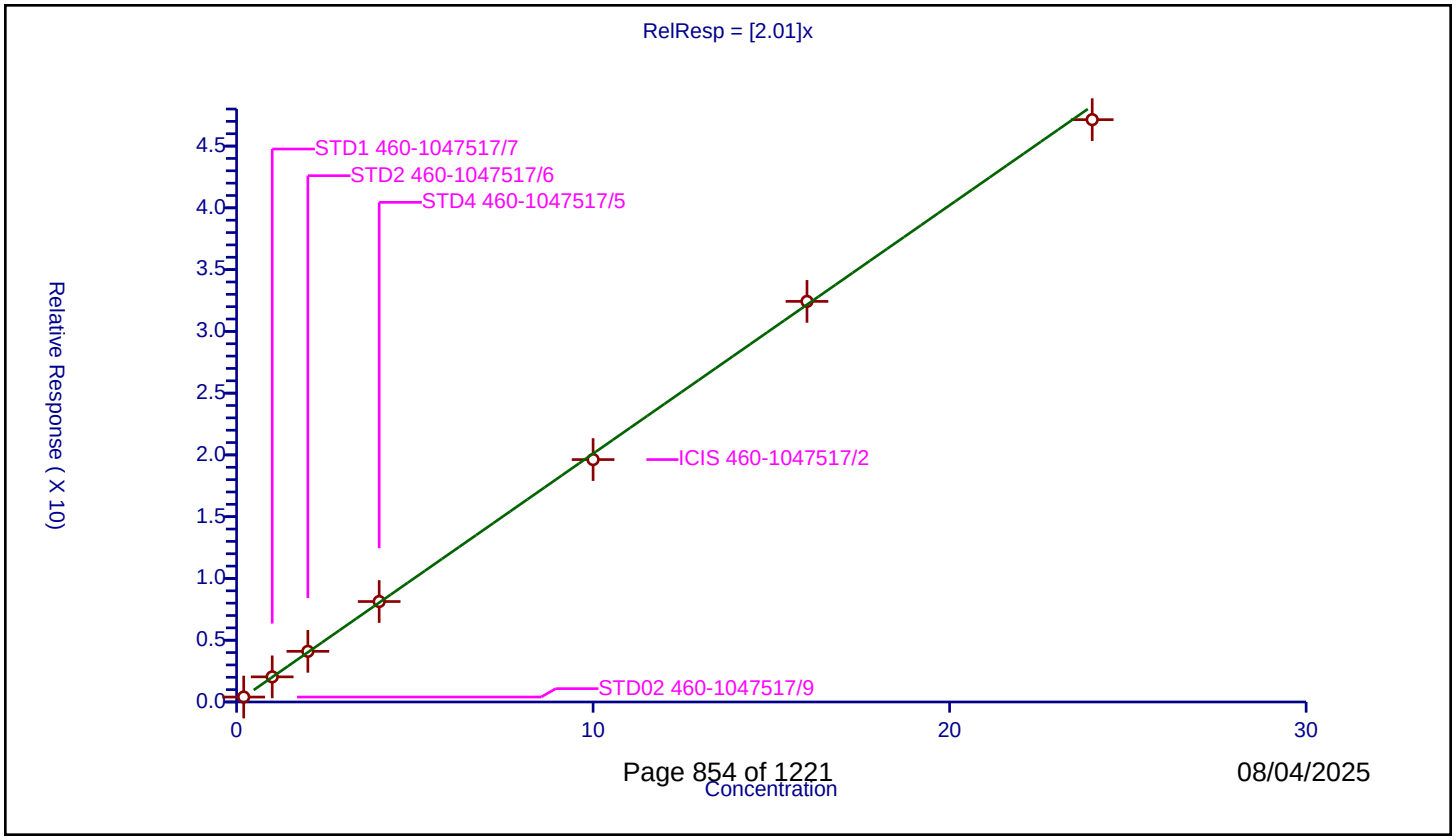
Curve Coefficients

Intercept:	0
Slope:	2.01

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.400478	8.0	838838.0	2.002389	Y
2	STD1 460-1047517/7	1.0	2.033552	8.0	795538.0	2.033552	Y
3	STD2 460-1047517/6	2.0	4.100058	8.0	787944.0	2.050029	Y
4	STD4 460-1047517/5	4.0	8.132997	8.0	870636.0	2.033249	Y
5	ICIS 460-1047517/2	10.0	19.622082	8.0	925545.0	1.962208	Y
6	STD16 460-1047517/4	16.0	32.428371	8.0	805863.0	2.026773	Y
7	STD24 460-1047517/3	24.0	47.138831	8.0	774482.0	1.964118	Y



Calibration / N-Nitrosodi-n-propylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

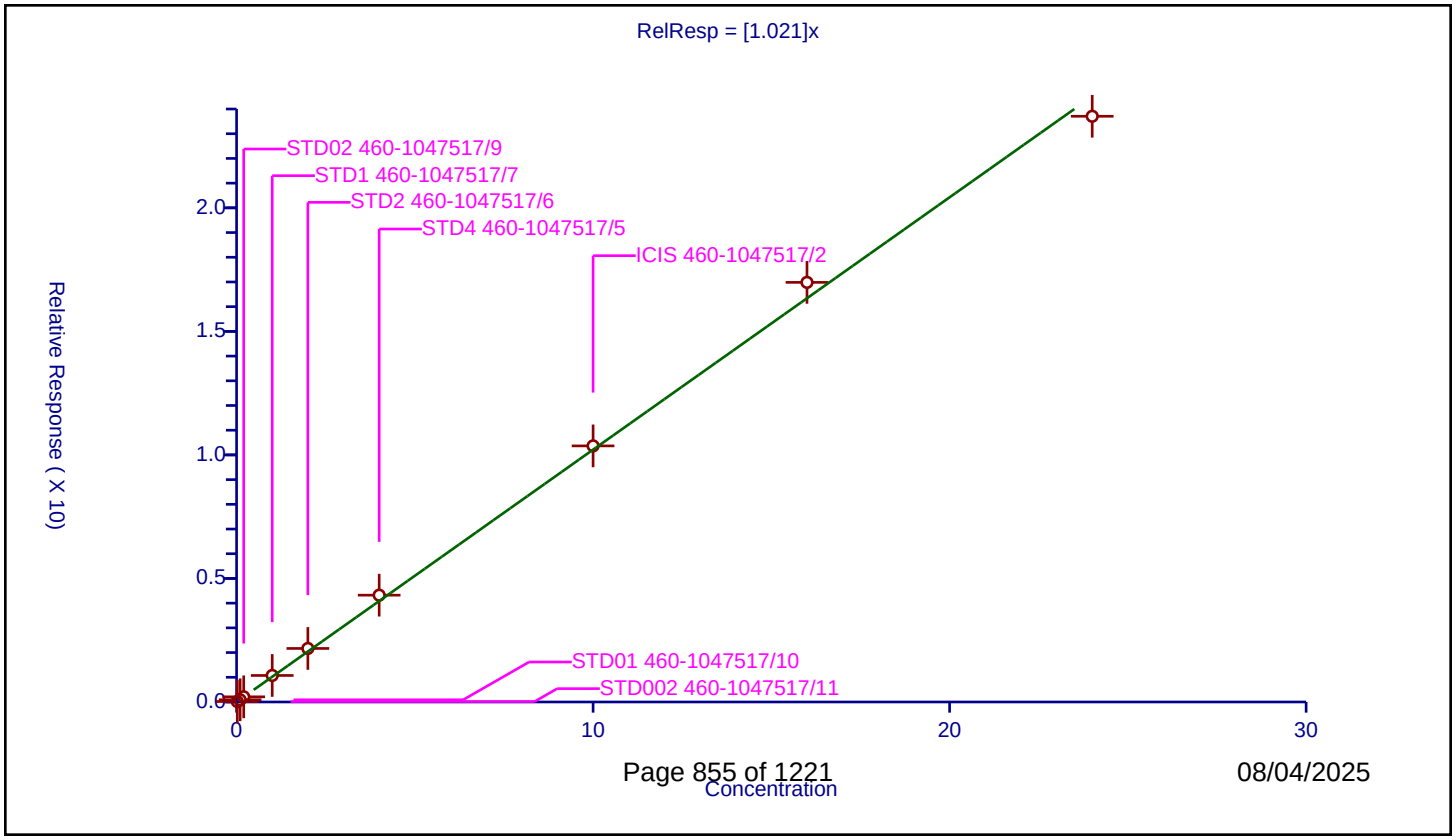
Curve Coefficients

Intercept:	0
Slope:	1.021

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.018667	8.0	782990.0	0.933345	Y
2	STD01 460-1047517/10	0.1	0.088812	8.0	818265.0	0.888123	Y
3	STD02 460-1047517/9	0.2	0.209366	8.0	838838.0	1.046829	Y
4	STD1 460-1047517/7	1.0	1.073548	8.0	795538.0	1.073548	Y
5	STD2 460-1047517/6	2.0	2.166844	8.0	787944.0	1.083422	Y
6	STD4 460-1047517/5	4.0	4.322835	8.0	870636.0	1.080709	Y
7	ICIS 460-1047517/2	10.0	10.365231	8.0	925545.0	1.036523	Y
8	STD16 460-1047517/4	16.0	16.983155	8.0	805863.0	1.061447	Y
9	STD24 460-1047517/3	24.0	23.706798	8.0	774482.0	0.987783	Y



Calibration

/ 3 & 4 Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

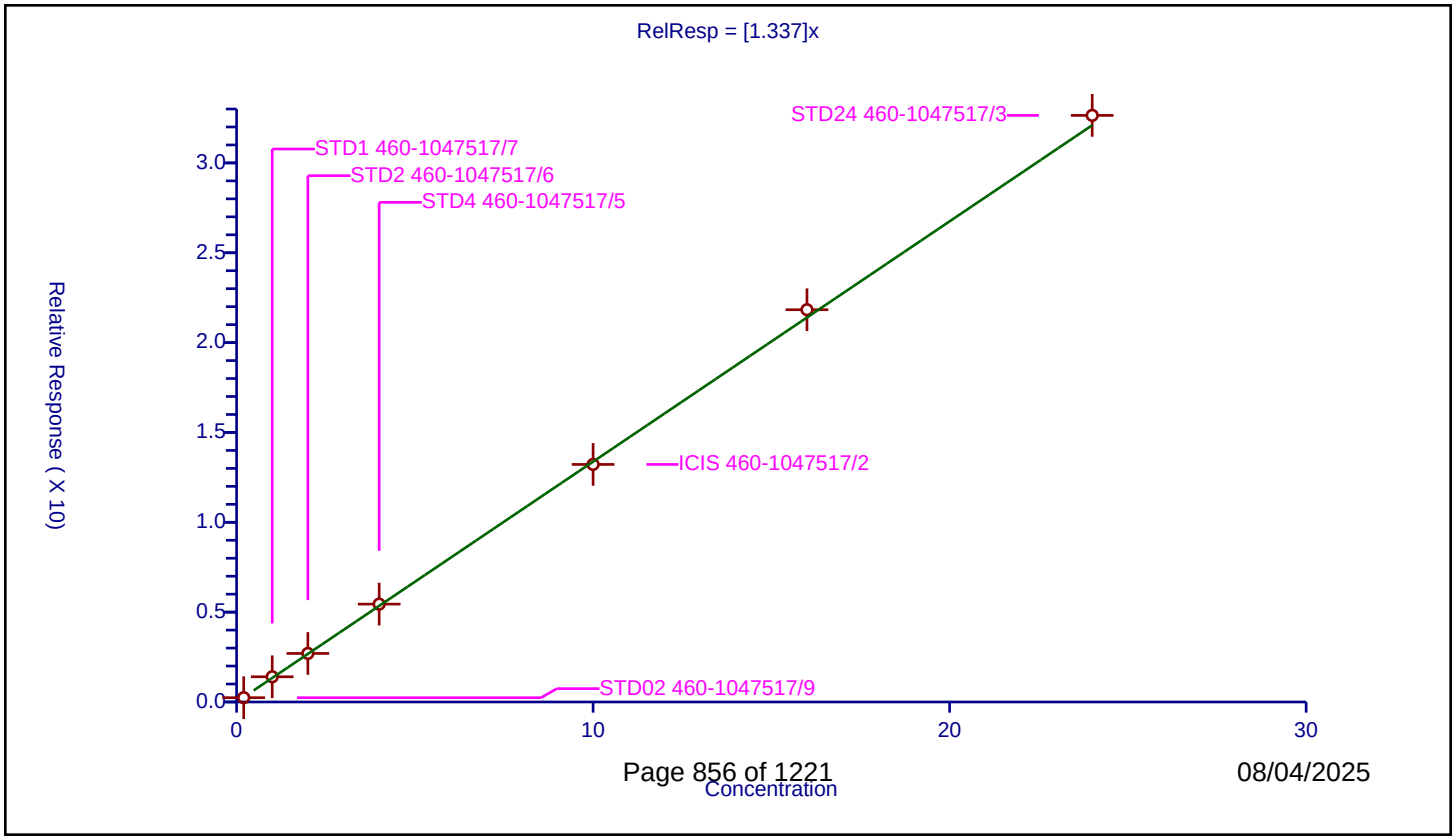
Curve Coefficients

Intercept:	0
Slope:	1.337

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.239875	8.0	838838.0	1.199373	Y
2	STD1 460-1047517/7	1.0	1.402794	8.0	795538.0	1.402794	Y
3	STD2 460-1047517/6	2.0	2.701989	8.0	787944.0	1.350994	Y
4	STD4 460-1047517/5	4.0	5.447484	8.0	870636.0	1.361871	Y
5	ICIS 460-1047517/2	10.0	13.220855	8.0	925545.0	1.322085	Y
6	STD16 460-1047517/4	16.0	21.829884	8.0	805863.0	1.364368	Y
7	STD24 460-1047517/3	24.0	32.645376	8.0	774482.0	1.360224	Y



Calibration / 4-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

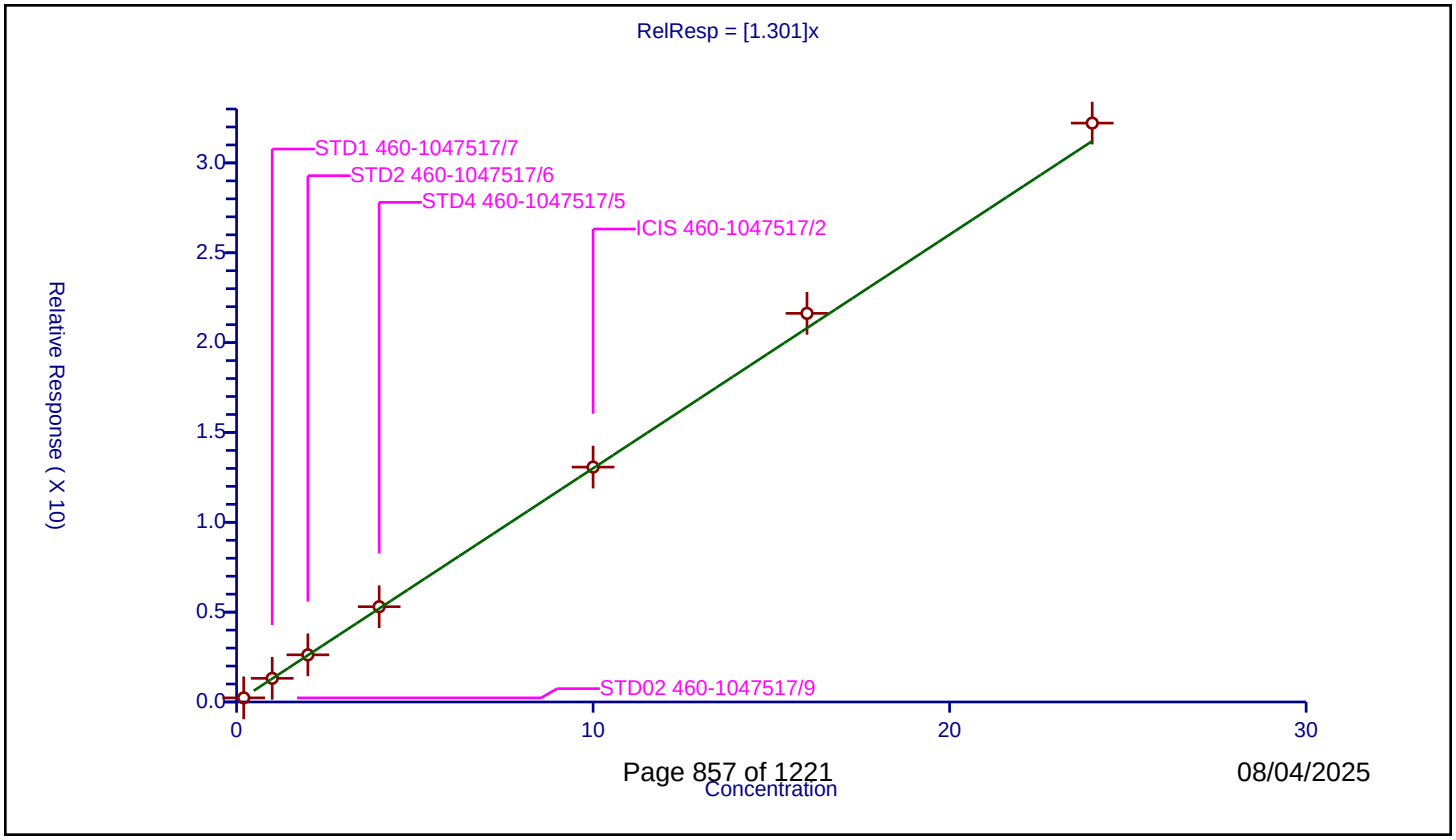
Curve Coefficients

Intercept:	0
Slope:	1.301

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.229508	8.0	838838.0	1.14754	Y
2	STD1 460-1047517/7	1.0	1.317287	8.0	795538.0	1.317287	Y
3	STD2 460-1047517/6	2.0	2.624298	8.0	787944.0	1.312149	Y
4	STD4 460-1047517/5	4.0	5.302744	8.0	870636.0	1.325686	Y
5	ICIS 460-1047517/2	10.0	13.07152	8.0	925545.0	1.307152	Y
6	STD16 460-1047517/4	16.0	21.628004	8.0	805863.0	1.35175	Y
7	STD24 460-1047517/3	24.0	32.216609	8.0	774482.0	1.342359	Y



Calibration / Hexachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

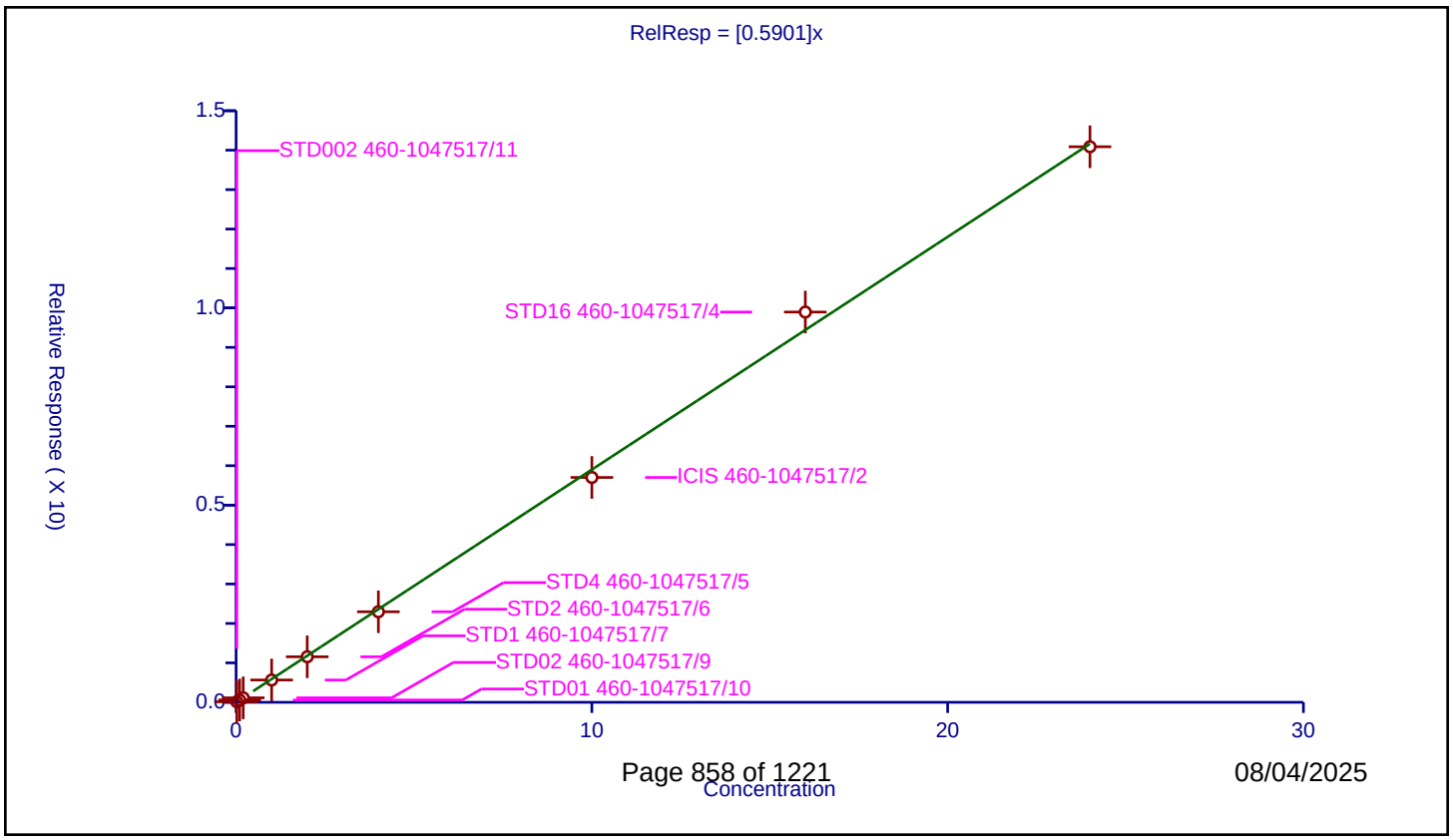
Curve Coefficients

Intercept:	0
Slope:	0.5901

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.013344	8.0	782990.0	0.667186	Y
2	STD01 460-1047517/10	0.1	0.058319	8.0	818265.0	0.583185	Y
3	STD02 460-1047517/9	0.2	0.113681	8.0	838838.0	0.568405	Y
4	STD1 460-1047517/7	1.0	0.565363	8.0	795538.0	0.565363	Y
5	STD2 460-1047517/6	2.0	1.154407	8.0	787944.0	0.577203	Y
6	STD4 460-1047517/5	4.0	2.295674	8.0	870636.0	0.573918	Y
7	ICIS 460-1047517/2	10.0	5.701981	8.0	925545.0	0.570198	Y
8	STD16 460-1047517/4	16.0	9.895349	8.0	805863.0	0.618459	Y
9	STD24 460-1047517/3	24.0	14.087434	8.0	774482.0	0.586976	Y



Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

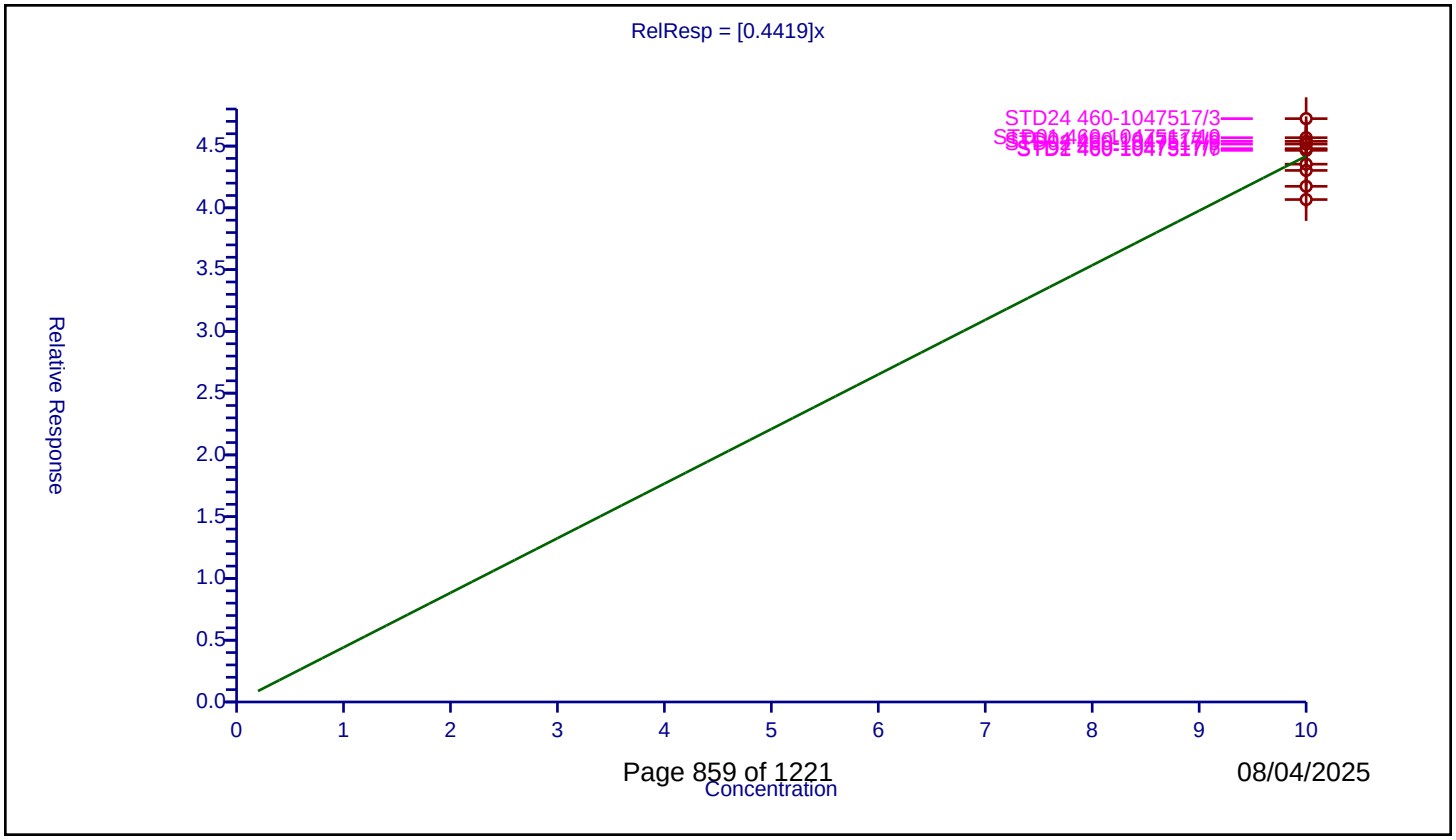
Curve Coefficients

Intercept:	0
Slope:	0.4419

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1047517/2	10.0	4.067077	8.0	3541441.0	0.406708	Y
2	STD24 460-1047517/3	10.0	4.722017	8.0	2943639.0	0.472202	Y
3	STD16 460-1047517/4	10.0	4.174177	8.0	3027197.0	0.417418	Y
4	STD4 460-1047517/5	10.0	4.302906	8.0	3514849.0	0.430291	Y
5	STD2 460-1047517/6	10.0	4.479175	8.0	3193970.0	0.447918	Y
6	STD1 460-1047517/7	10.0	4.46547	8.0	3241146.0	0.446547	Y
7	STD04 460-1047517/8	10.0	4.538376	8.0	3332995.0	0.453838	Y
8	STD02 460-1047517/9	10.0	4.515982	8.0	3303985.0	0.451598	Y
9	STD01 460-1047517/10	10.0	4.567924	8.0	3263524.0	0.456792	Y
10	STD002 460-1047517/11	10.0	4.35354	8.0	3148735.0	0.435354	Y



Calibration / Nitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

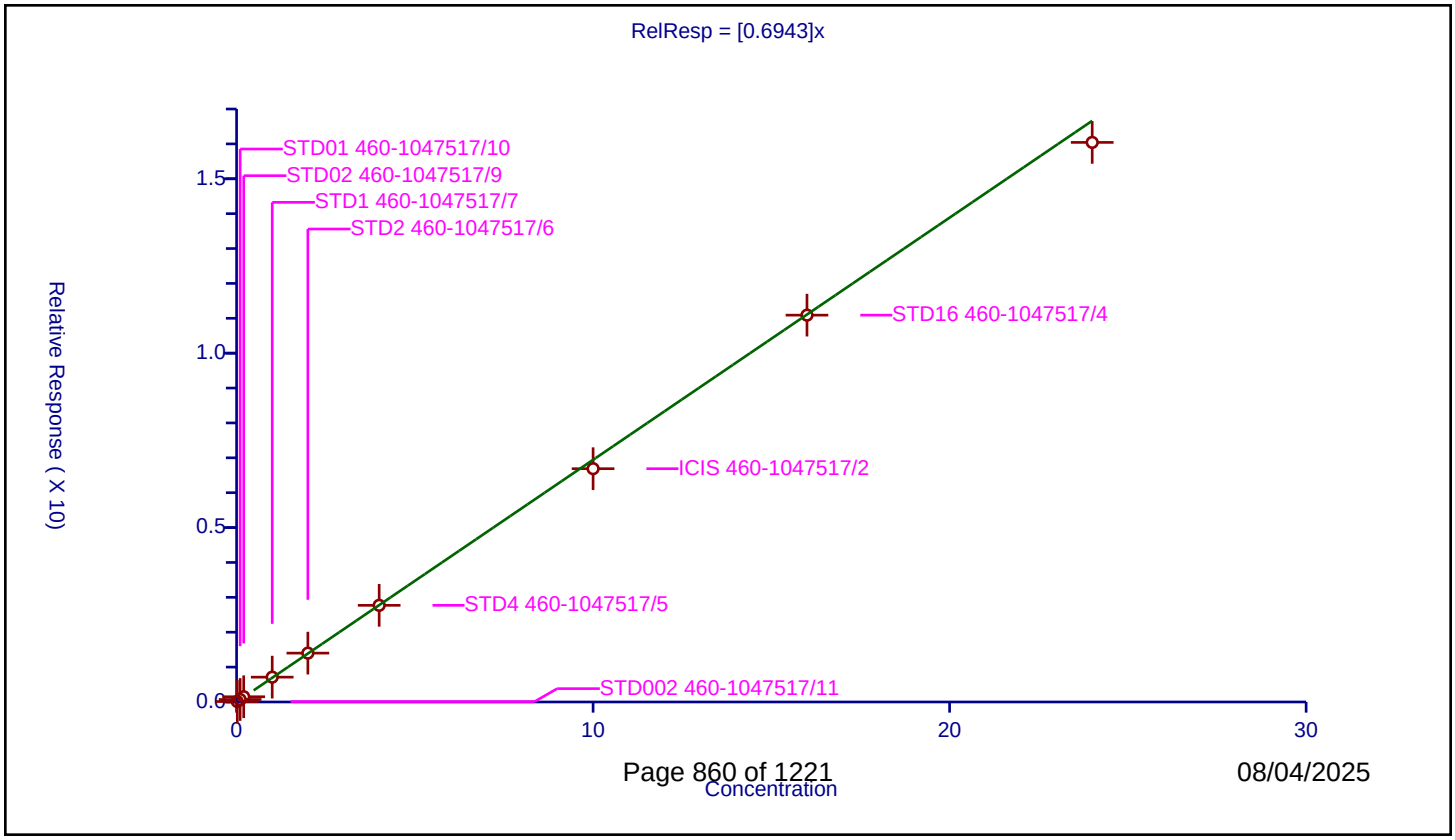
Curve Coefficients

Intercept:	0
Slope:	0.6943

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.012955	8.0	782990.0	0.647773	Y
2	STD01 460-1047517/10	0.1	0.071185	8.0	818265.0	0.711848	Y
3	STD02 460-1047517/9	0.2	0.15058	8.0	838838.0	0.752899	Y
4	STD1 460-1047517/7	1.0	0.712413	8.0	795538.0	0.712413	Y
5	STD2 460-1047517/6	2.0	1.40081	8.0	787944.0	0.700405	Y
6	STD4 460-1047517/5	4.0	2.770729	8.0	870636.0	0.692682	Y
7	ICIS 460-1047517/2	10.0	6.68828	8.0	925545.0	0.668828	Y
8	STD16 460-1047517/4	16.0	11.090044	8.0	805863.0	0.693128	Y
9	STD24 460-1047517/3	24.0	16.042723	8.0	774482.0	0.668447	Y



Calibration / n,n'-Dimethylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

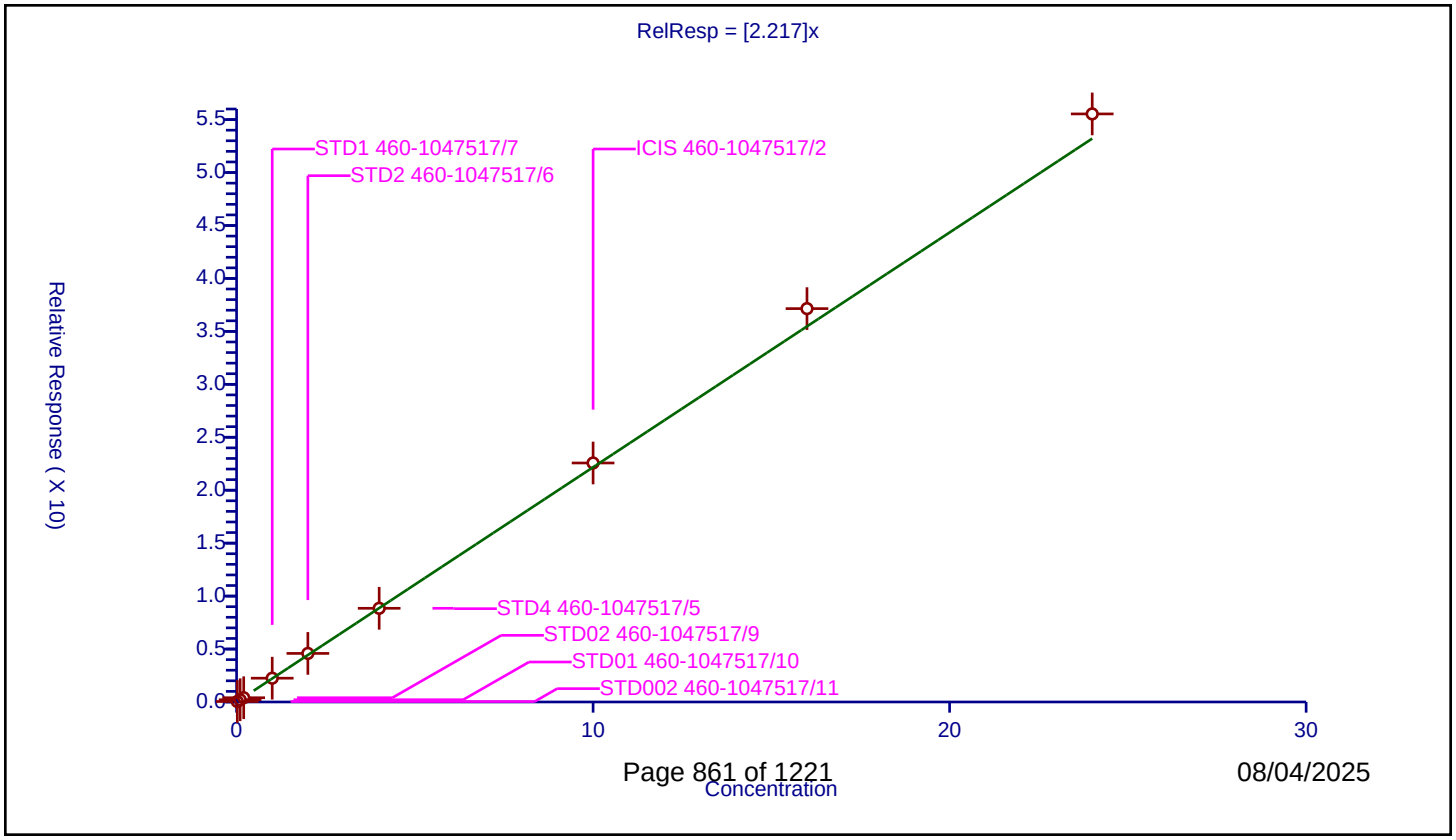
Curve Coefficients

Intercept:	0
Slope:	2.217

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.043505	8.0	782990.0	2.175251	Y
2	STD01 460-1047517/10	0.1	0.21243	8.0	818265.0	2.1243	Y
3	STD02 460-1047517/9	0.2	0.401555	8.0	838838.0	2.007777	Y
4	STD1 460-1047517/7	1.0	2.247164	8.0	795538.0	2.247164	Y
5	STD2 460-1047517/6	2.0	4.586042	8.0	787944.0	2.293021	Y
6	STD4 460-1047517/5	4.0	8.849136	8.0	870636.0	2.212284	Y
7	ICIS 460-1047517/2	10.0	22.571773	8.0	925545.0	2.257177	Y
8	STD16 460-1047517/4	16.0	37.14958	8.0	805863.0	2.321849	Y
9	STD24 460-1047517/3	24.0	55.536464	8.0	774482.0	2.314019	Y



Calibration / Isophorone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

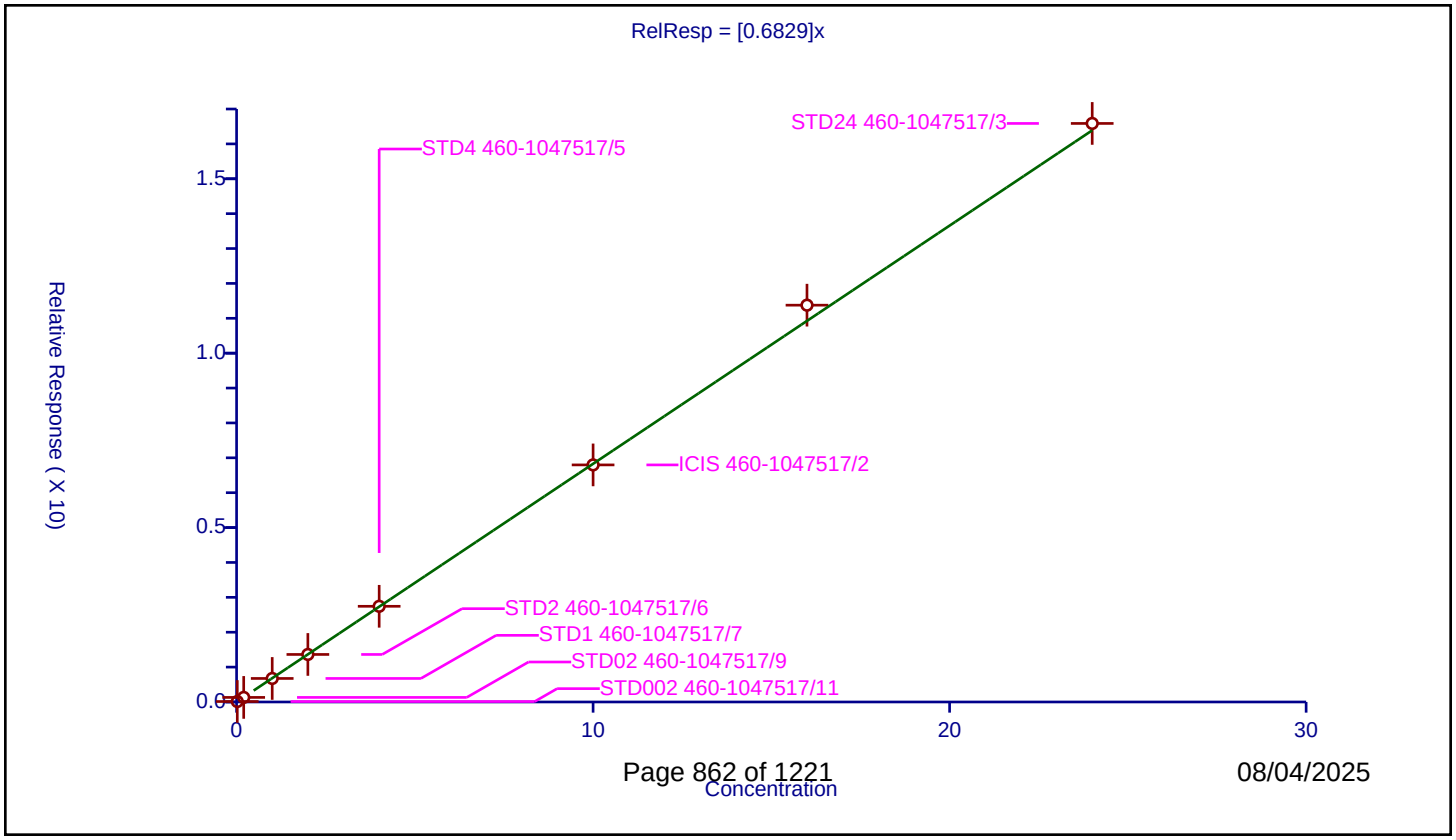
Curve Coefficients

Intercept:	0
Slope:	0.6829

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.013644	8.0	3148735.0	0.682179	Y
2	STD02 460-1047517/9	0.2	0.131451	8.0	3303985.0	0.657255	Y
3	STD1 460-1047517/7	1.0	0.674527	8.0	3241146.0	0.674527	Y
4	STD2 460-1047517/6	2.0	1.362422	8.0	3193970.0	0.681211	Y
5	STD4 460-1047517/5	4.0	2.743333	8.0	3514849.0	0.685833	Y
6	ICIS 460-1047517/2	10.0	6.796808	8.0	3541441.0	0.679681	Y
7	STD16 460-1047517/4	16.0	11.376433	8.0	3027197.0	0.711027	Y
8	STD24 460-1047517/3	24.0	16.586732	8.0	2943639.0	0.691114	Y



Calibration / 2-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

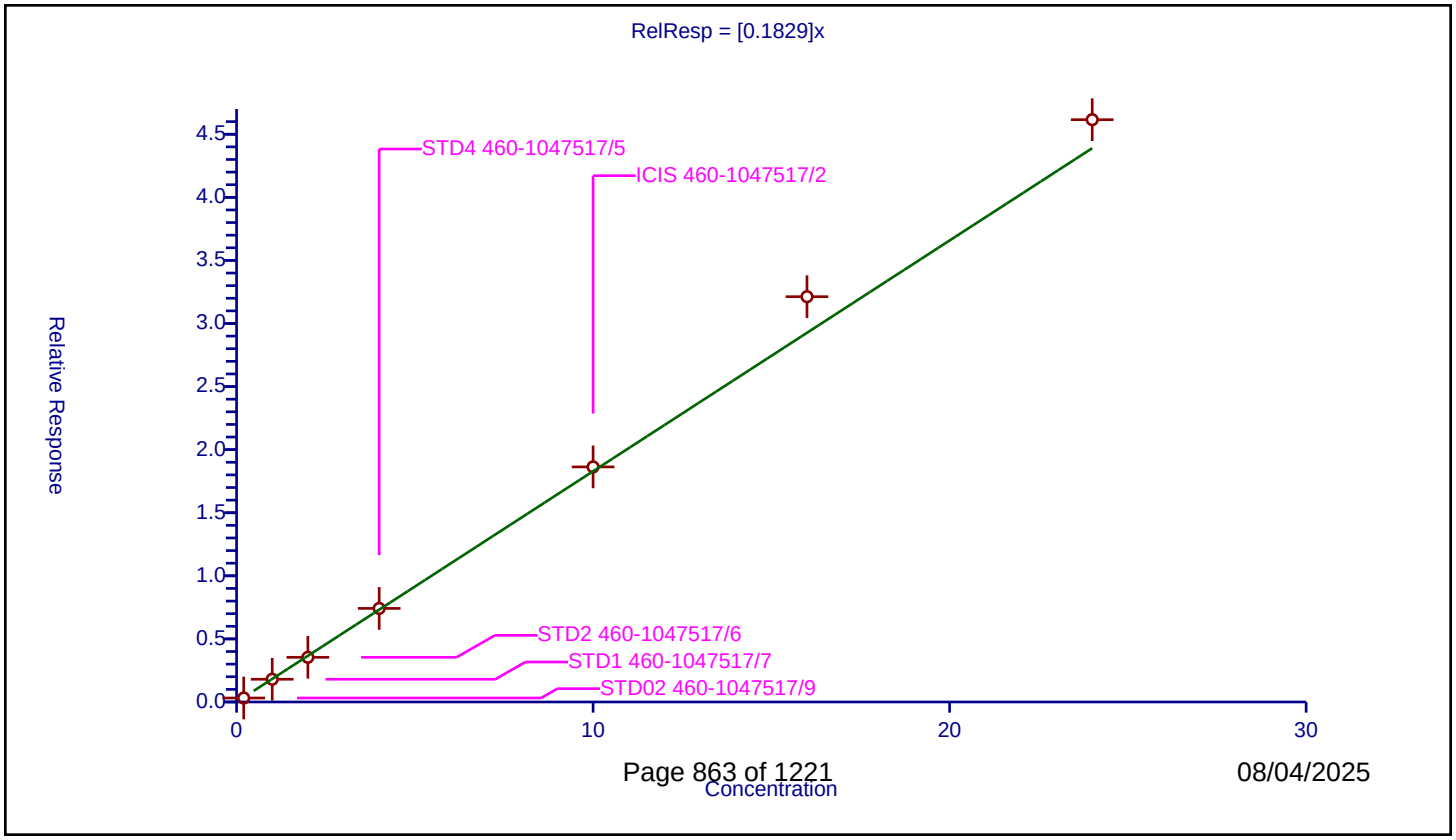
Curve Coefficients

Intercept:	0
Slope:	0.1829

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.031651	8.0	3303985.0	0.158257	Y
2	STD1 460-1047517/7	1.0	0.180126	8.0	3241146.0	0.180126	Y
3	STD2 460-1047517/6	2.0	0.354045	8.0	3193970.0	0.177022	Y
4	STD4 460-1047517/5	4.0	0.741719	8.0	3514849.0	0.18543	Y
5	ICIS 460-1047517/2	10.0	1.863205	8.0	3541441.0	0.186321	Y
6	STD16 460-1047517/4	16.0	3.212503	8.0	3027197.0	0.200781	Y
7	STD24 460-1047517/3	24.0	4.615444	8.0	2943639.0	0.19231	Y



Calibration / 2,4-Dimethylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

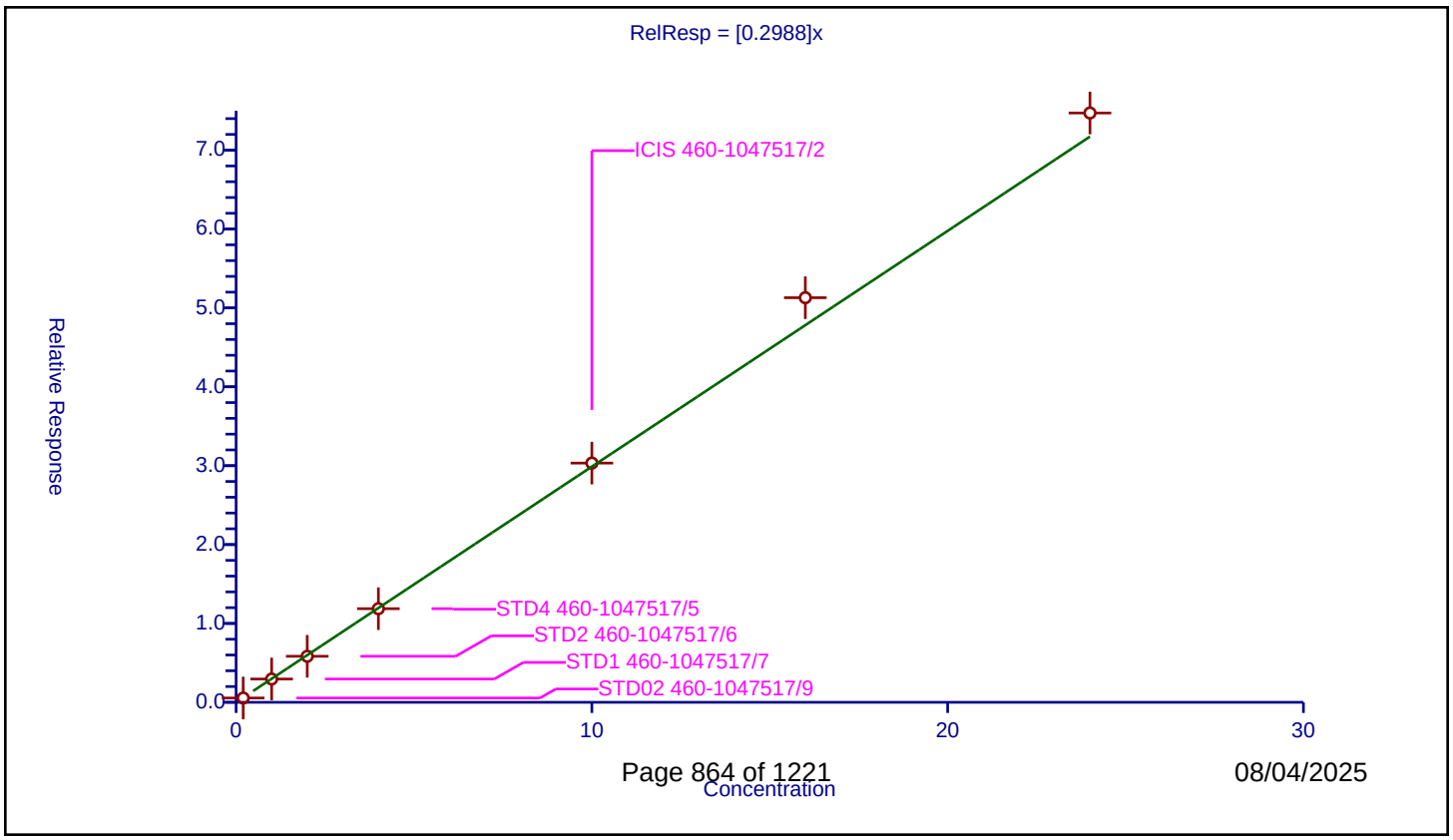
Curve Coefficients

Intercept:	0
Slope:	0.2988

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.054586	8.0	3303985.0	0.272931	Y
2	STD1 460-1047517/7	1.0	0.295147	8.0	3241146.0	0.295147	Y
3	STD2 460-1047517/6	2.0	0.583622	8.0	3193970.0	0.291811	Y
4	STD4 460-1047517/5	4.0	1.187089	8.0	3514849.0	0.296772	Y
5	ICIS 460-1047517/2	10.0	3.033134	8.0	3541441.0	0.303313	Y
6	STD16 460-1047517/4	16.0	5.129484	8.0	3027197.0	0.320593	Y
7	STD24 460-1047517/3	24.0	7.471636	8.0	2943639.0	0.311318	Y



Calibration / Benzoic acid

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

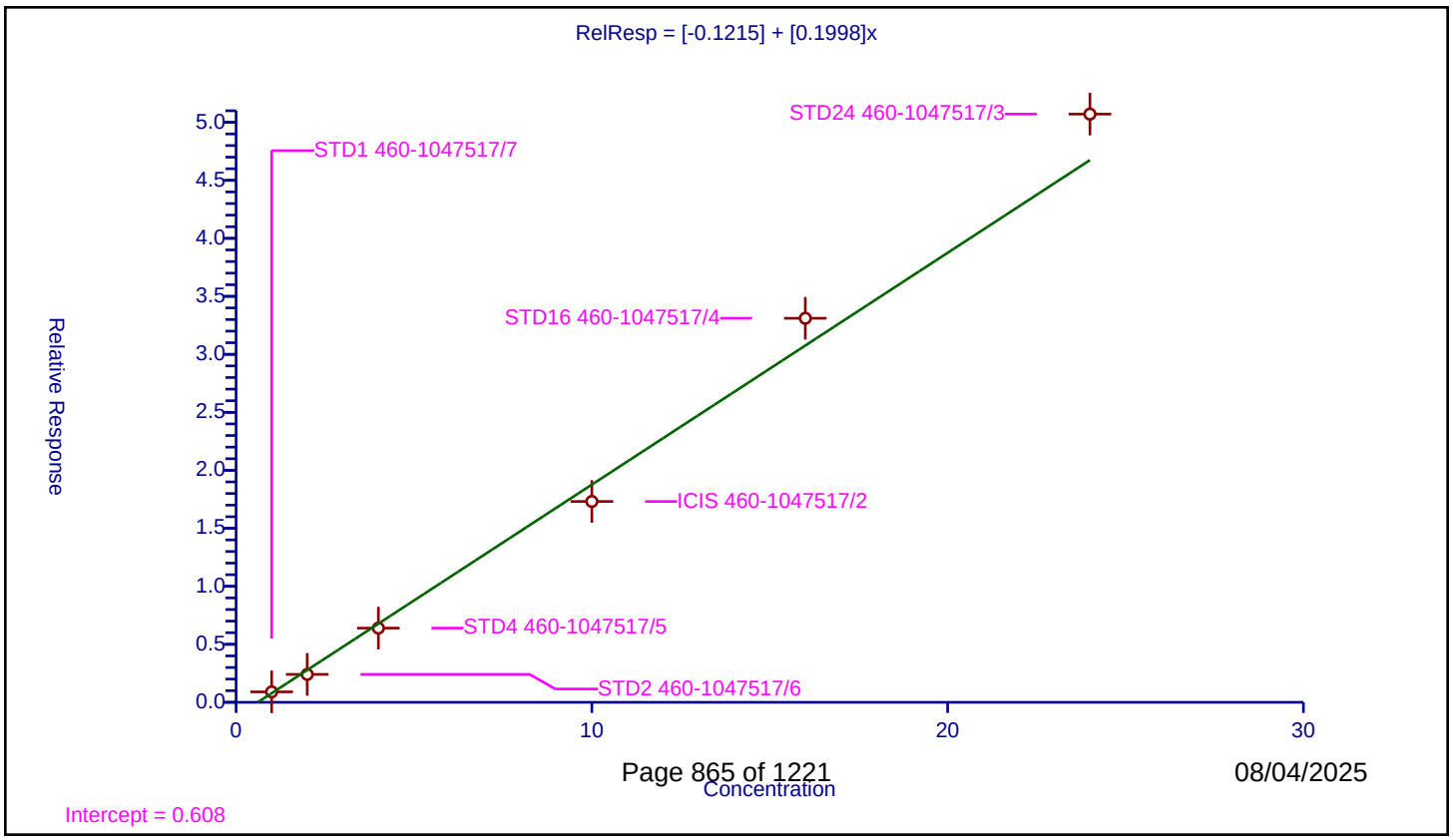
Curve Coefficients

Intercept:	-0.1215
Slope:	0.1998

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1047517/7	1.0	0.089919	8.0	3241146.0	0.089919	Y
2	STD2 460-1047517/6	2.0	0.240643	8.0	3193970.0	0.120322	Y
3	STD4 460-1047517/5	4.0	0.639743	8.0	3514849.0	0.159936	Y
4	ICIS 460-1047517/2	10.0	1.731528	8.0	3541441.0	0.173153	Y
5	STD16 460-1047517/4	16.0	3.310759	8.0	3027197.0	0.206922	Y
6	STD24 460-1047517/3	24.0	5.071057	8.0	2943639.0	0.211294	Y



Calibration / Bis(2-chloroethoxy)methane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

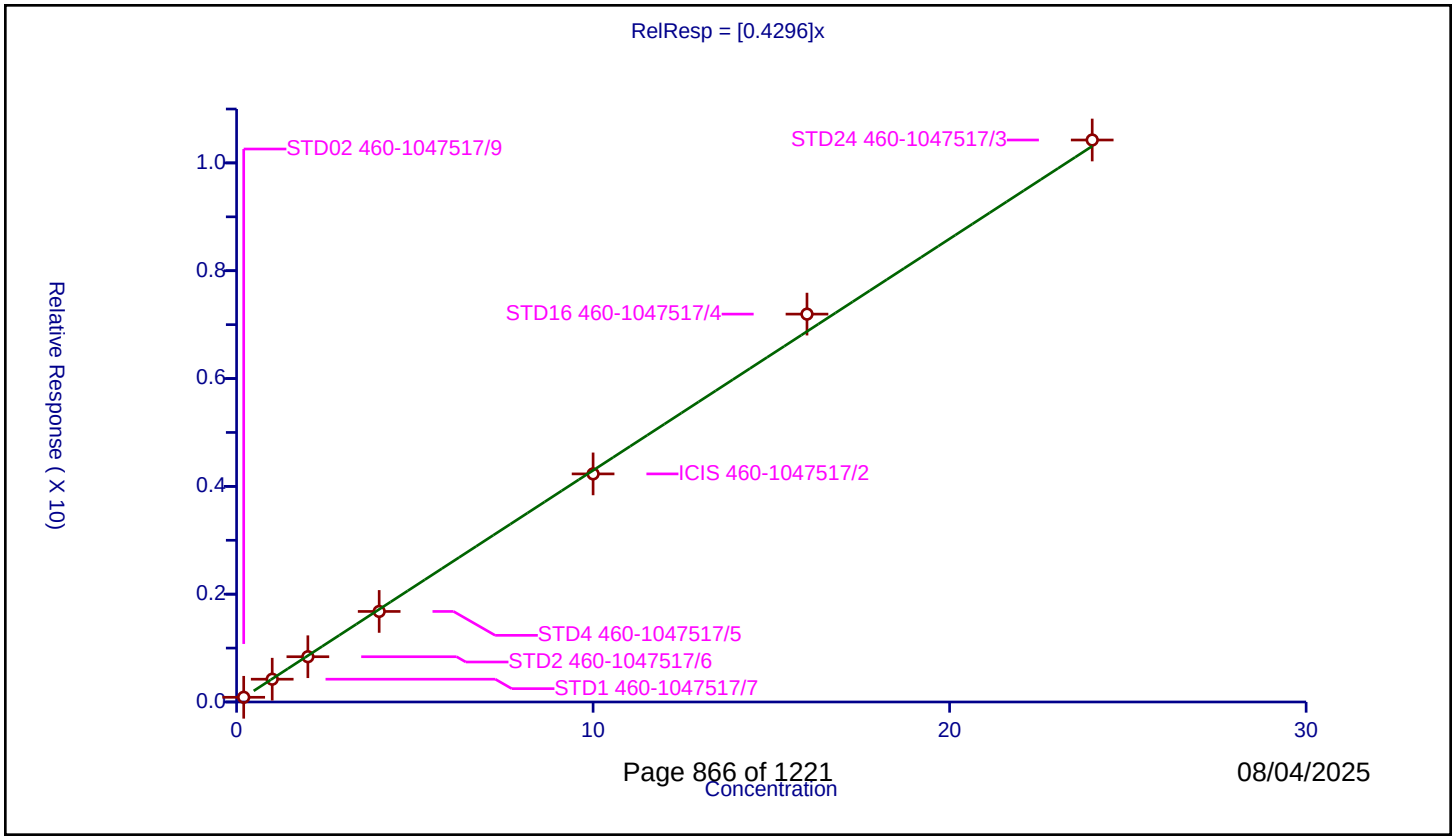
Curve Coefficients

Intercept:	0
Slope:	0.4296

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.087533	8.0	3303985.0	0.437665	Y
2	STD1 460-1047517/7	1.0	0.422668	8.0	3241146.0	0.422668	Y
3	STD2 460-1047517/6	2.0	0.839865	8.0	3193970.0	0.419933	Y
4	STD4 460-1047517/5	4.0	1.679535	8.0	3514849.0	0.419884	Y
5	ICIS 460-1047517/2	10.0	4.231432	8.0	3541441.0	0.423143	Y
6	STD16 460-1047517/4	16.0	7.195174	8.0	3027197.0	0.449698	Y
7	STD24 460-1047517/3	24.0	10.425335	8.0	2943639.0	0.434389	Y



Calibration / 2,4-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

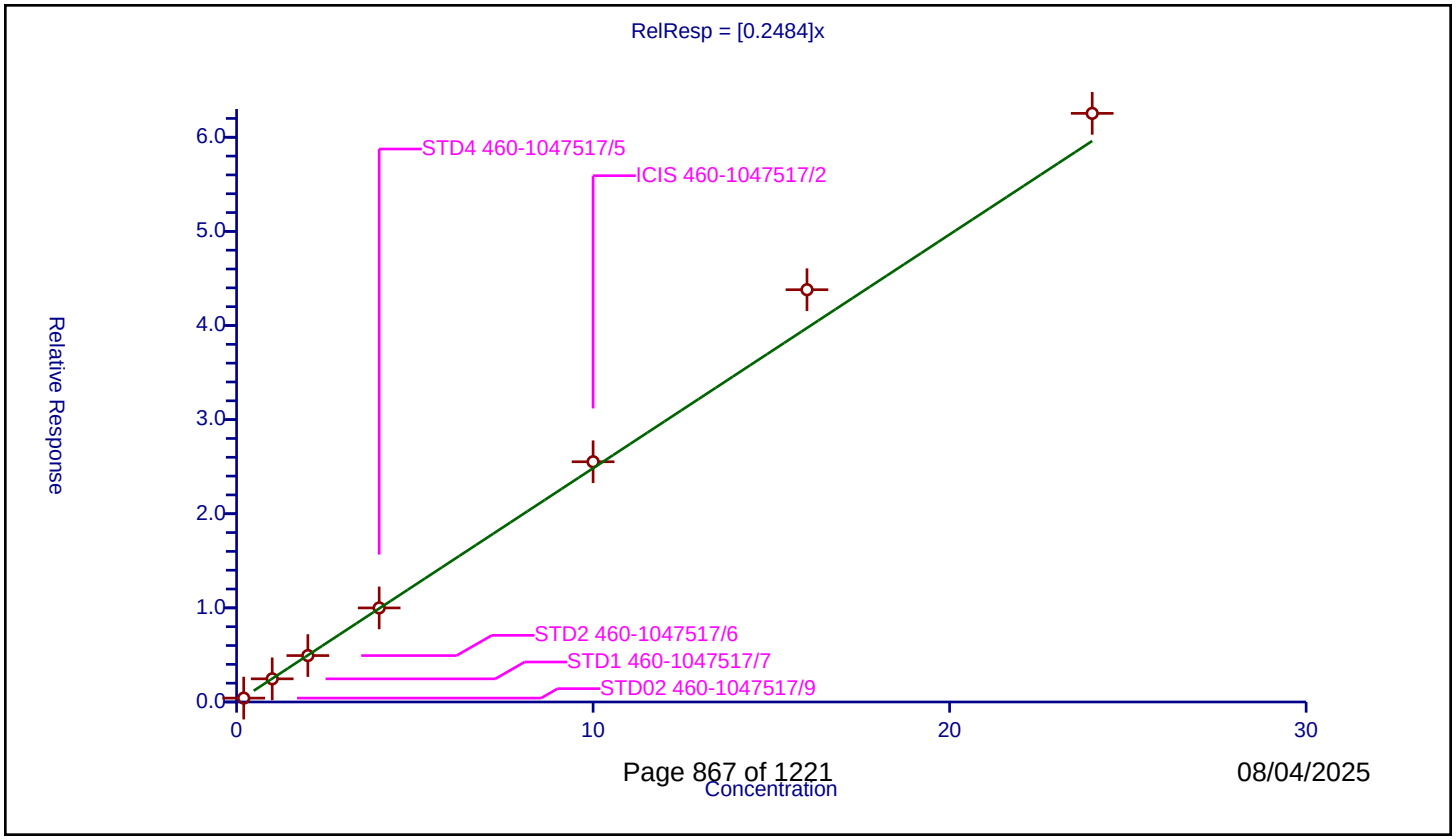
Curve Coefficients

Intercept:	0
Slope:	0.2484

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.041276	8.0	3303985.0	0.206381	Y
2	STD1 460-1047517/7	1.0	0.24616	8.0	3241146.0	0.24616	Y
3	STD2 460-1047517/6	2.0	0.493187	8.0	3193970.0	0.246593	Y
4	STD4 460-1047517/5	4.0	0.999299	8.0	3514849.0	0.249825	Y
5	ICIS 460-1047517/2	10.0	2.552177	8.0	3541441.0	0.255218	Y
6	STD16 460-1047517/4	16.0	4.380171	8.0	3027197.0	0.273761	Y
7	STD24 460-1047517/3	24.0	6.253753	8.0	2943639.0	0.260573	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

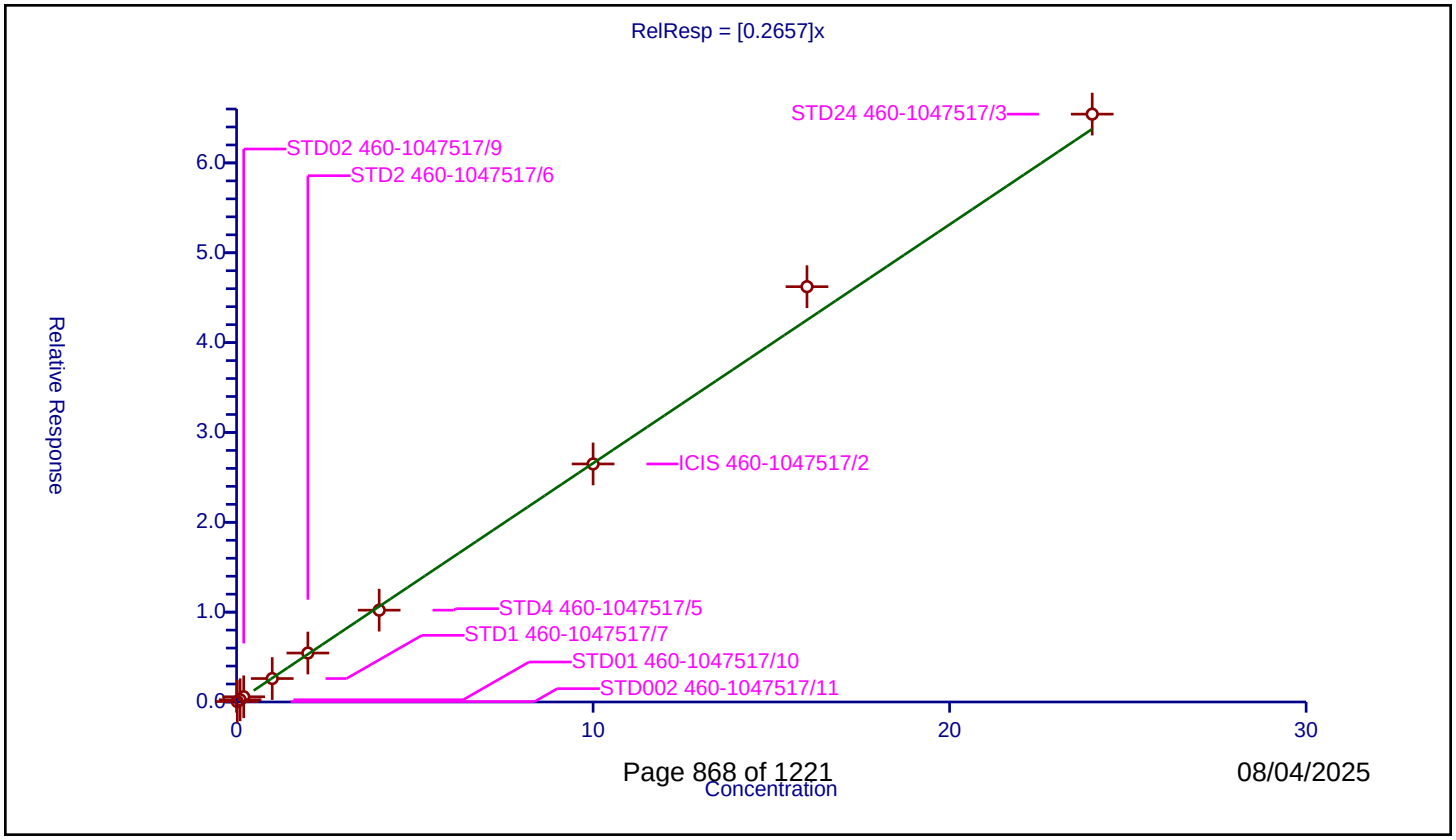
Curve Coefficients

Intercept:	0
Slope:	0.2657

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.004779	8.0	3148735.0	0.238953	Y
2	STD01 460-1047517/10	0.1	0.024641	8.0	3263524.0	0.246408	Y
3	STD02 460-1047517/9	0.2	0.05817	8.0	3303985.0	0.290849	Y
4	STD1 460-1047517/7	1.0	0.261006	8.0	3241146.0	0.261006	Y
5	STD2 460-1047517/6	2.0	0.544879	8.0	3193970.0	0.27244	Y
6	STD4 460-1047517/5	4.0	1.022016	8.0	3514849.0	0.255504	Y
7	ICIS 460-1047517/2	10.0	2.649439	8.0	3541441.0	0.264944	Y
8	STD16 460-1047517/4	16.0	4.622579	8.0	3027197.0	0.288911	Y
9	STD24 460-1047517/3	24.0	6.54309	8.0	2943639.0	0.272629	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

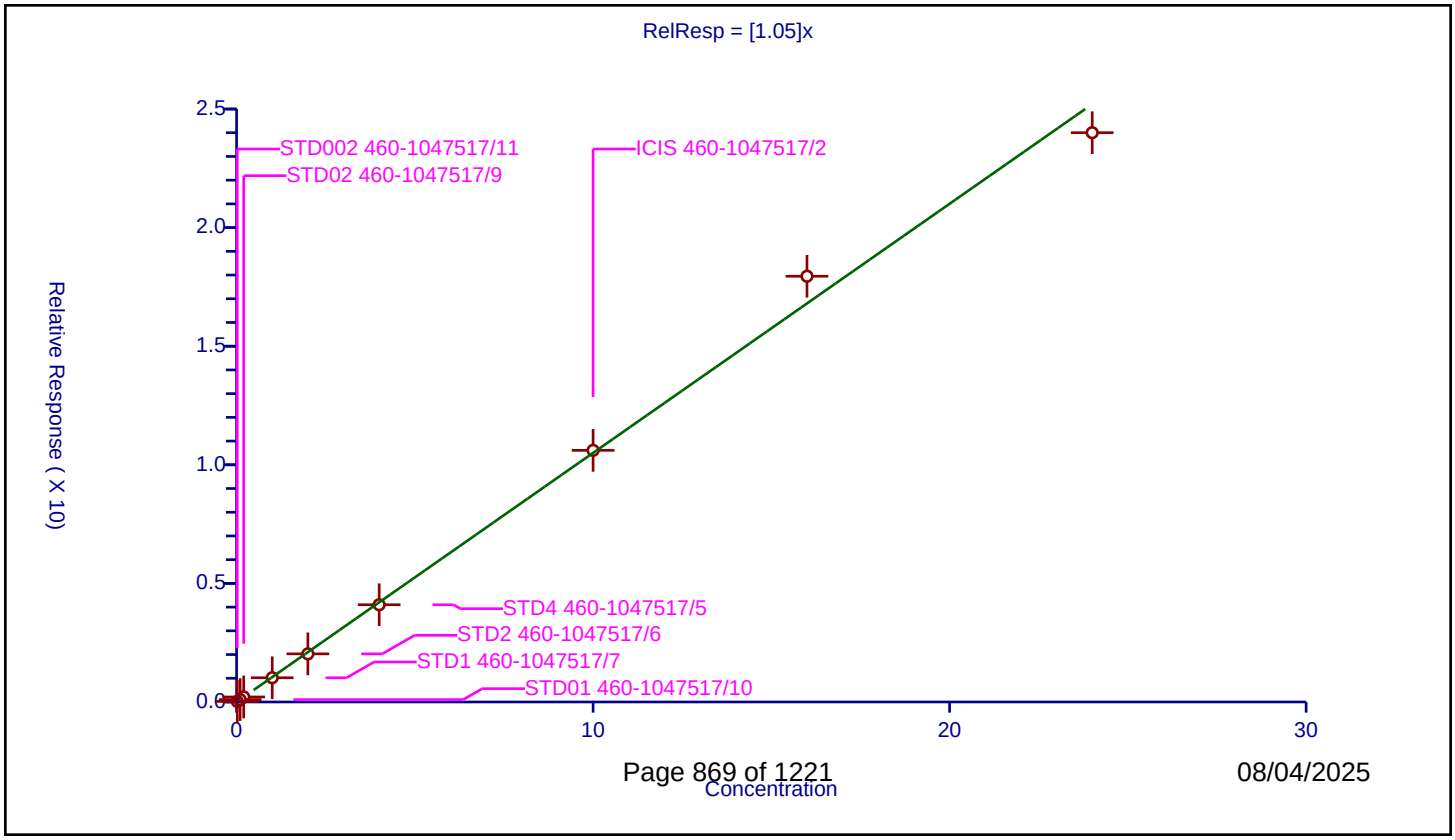
Curve Coefficients

Intercept:	0
Slope:	1.05

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.0228	8.0	3148735.0	1.140013	Y
2	STD01 460-1047517/10	0.1	0.101113	8.0	3263524.0	1.011128	Y
3	STD02 460-1047517/9	0.2	0.211432	8.0	3303985.0	1.05716	Y
4	STD1 460-1047517/7	1.0	1.021728	8.0	3241146.0	1.021728	Y
5	STD2 460-1047517/6	2.0	2.028528	8.0	3193970.0	1.014264	Y
6	STD4 460-1047517/5	4.0	4.099278	8.0	3514849.0	1.02482	Y
7	ICIS 460-1047517/2	10.0	10.608791	8.0	3541441.0	1.060879	Y
8	STD16 460-1047517/4	16.0	17.949169	8.0	3027197.0	1.121823	Y
9	STD24 460-1047517/3	24.0	24.001128	8.0	2943639.0	1.000047	Y



Calibration / 4-Chloroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

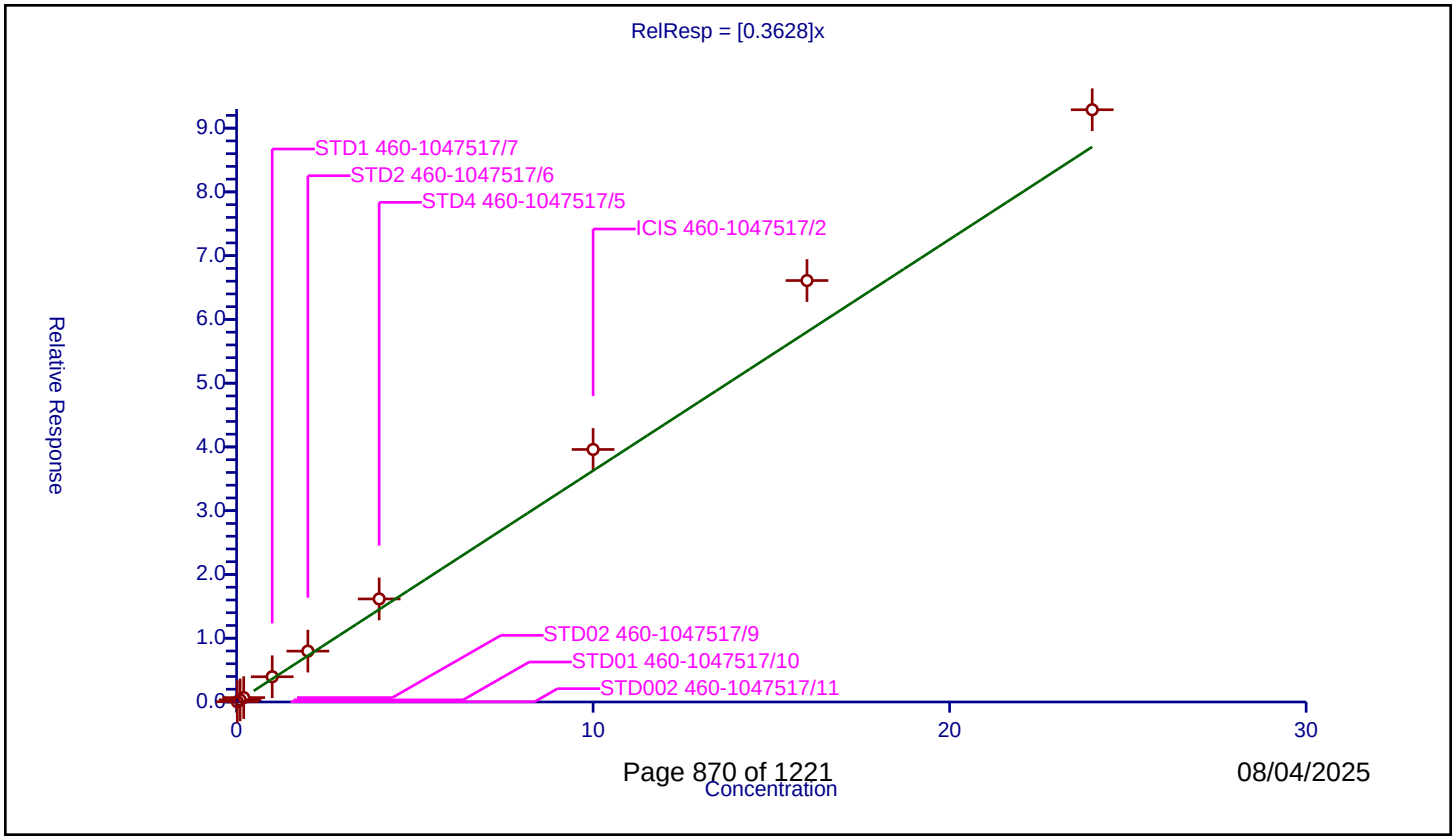
Curve Coefficients

Intercept:	0
Slope:	0.3628

Error Coefficients

Relative Standard Deviation:	19.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.003814	8.0	3148735.0	0.19068	Y
2	STD01 460-1047517/10	0.1	0.033429	8.0	3263524.0	0.334289	Y
3	STD02 460-1047517/9	0.2	0.068959	8.0	3303985.0	0.344796	Y
4	STD1 460-1047517/7	1.0	0.396043	8.0	3241146.0	0.396043	Y
5	STD2 460-1047517/6	2.0	0.797693	8.0	3193970.0	0.398847	Y
6	STD4 460-1047517/5	4.0	1.616133	8.0	3514849.0	0.404033	Y
7	ICIS 460-1047517/2	10.0	3.960302	8.0	3541441.0	0.39603	Y
8	STD16 460-1047517/4	16.0	6.61011	8.0	3027197.0	0.413132	Y
9	STD24 460-1047517/3	24.0	9.288737	8.0	2943639.0	0.387031	Y



Calibration / 2,6-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

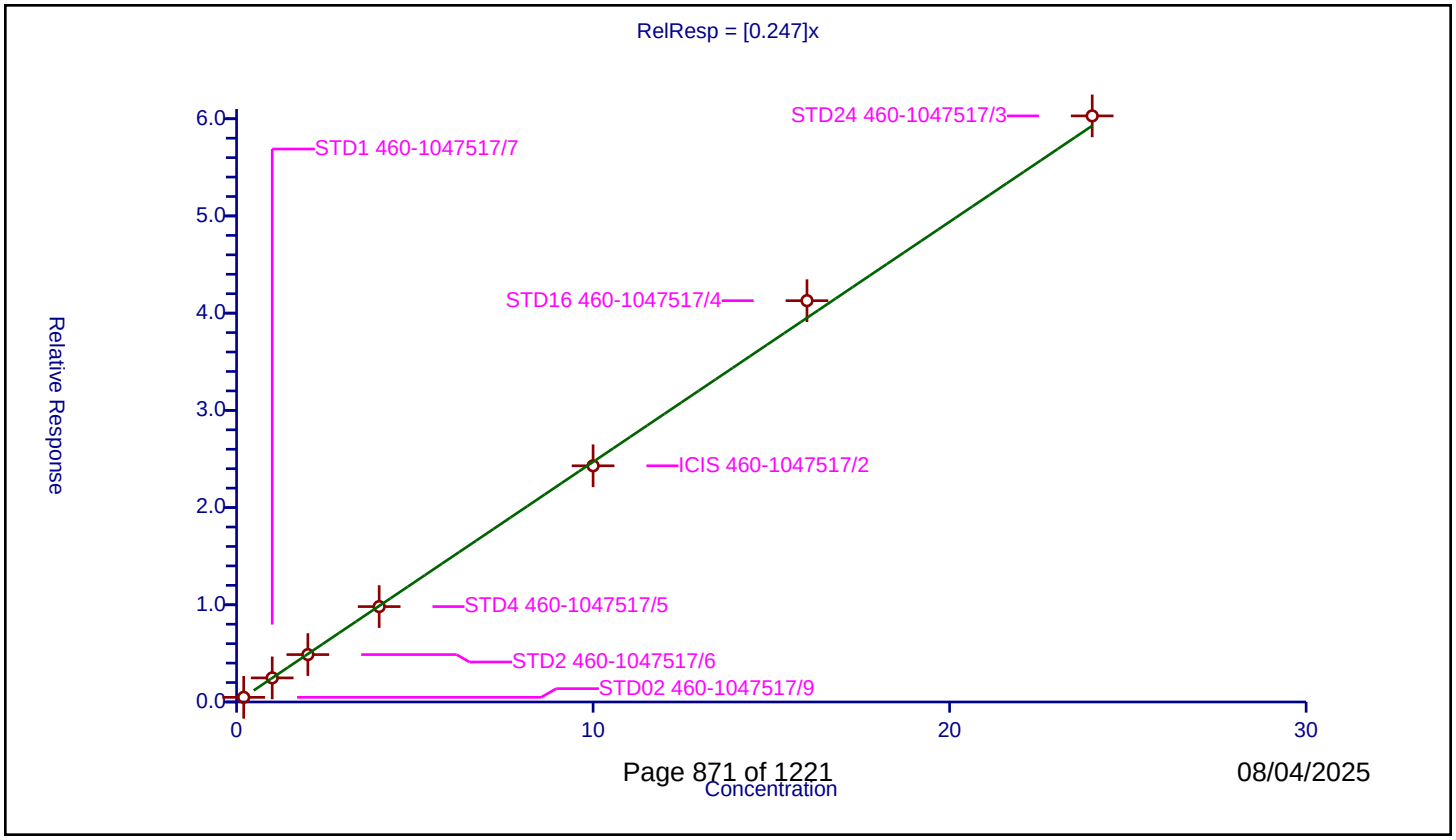
Curve Coefficients

Intercept:	0
Slope:	0.247

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.047942	8.0	3303985.0	0.239711	Y
2	STD1 460-1047517/7	1.0	0.2479	8.0	3241146.0	0.2479	Y
3	STD2 460-1047517/6	2.0	0.487494	8.0	3193970.0	0.243747	Y
4	STD4 460-1047517/5	4.0	0.981313	8.0	3514849.0	0.245328	Y
5	ICIS 460-1047517/2	10.0	2.429793	8.0	3541441.0	0.242979	Y
6	STD16 460-1047517/4	16.0	4.128535	8.0	3027197.0	0.258033	Y
7	STD24 460-1047517/3	24.0	6.029147	8.0	2943639.0	0.251214	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

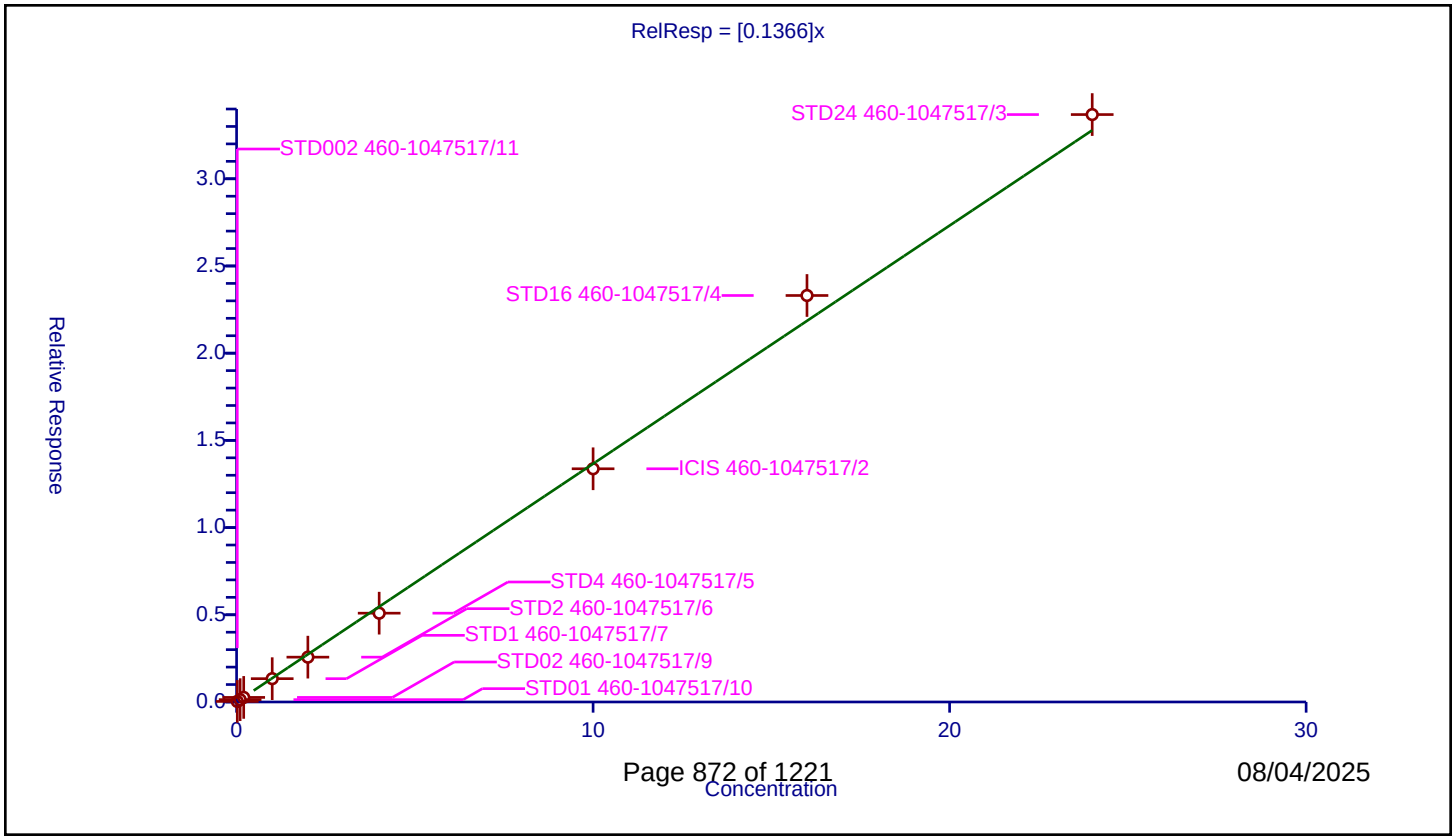
Curve Coefficients

Intercept:	0
Slope:	0.1366

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.003095	8.0	3148735.0	0.154729	Y
2	STD01 460-1047517/10	0.1	0.013436	8.0	3263524.0	0.134358	Y
3	STD02 460-1047517/9	0.2	0.026179	8.0	3303985.0	0.130896	Y
4	STD1 460-1047517/7	1.0	0.133753	8.0	3241146.0	0.133753	Y
5	STD2 460-1047517/6	2.0	0.257032	8.0	3193970.0	0.128516	Y
6	STD4 460-1047517/5	4.0	0.509184	8.0	3514849.0	0.127296	Y
7	ICIS 460-1047517/2	10.0	1.337144	8.0	3541441.0	0.133714	Y
8	STD16 460-1047517/4	16.0	2.330798	8.0	3027197.0	0.145675	Y
9	STD24 460-1047517/3	24.0	3.368261	8.0	2943639.0	0.140344	Y



Calibration / Caprolactam

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

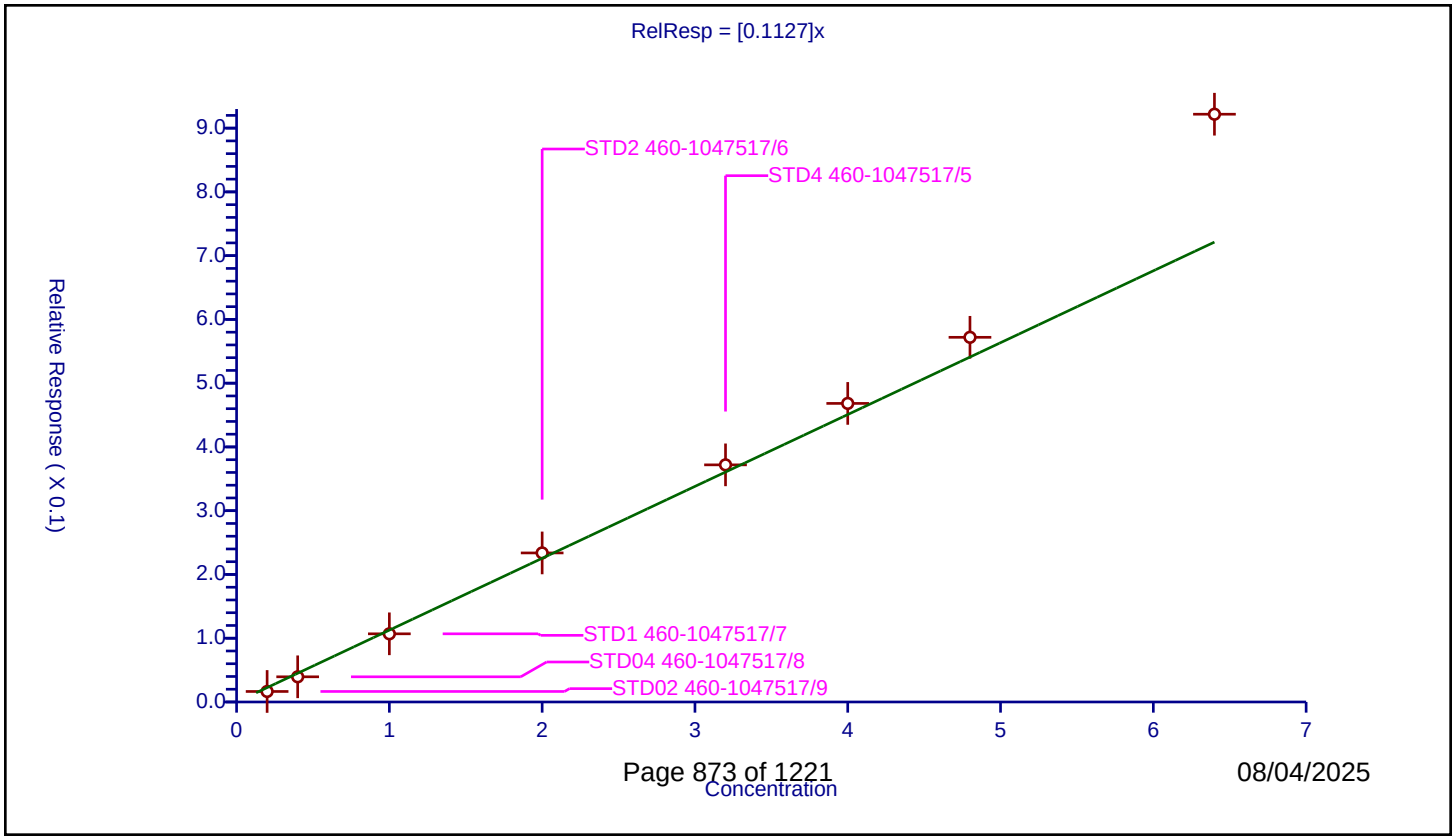
Curve Coefficients

Intercept:	0
Slope:	0.1127

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.016509	8.0	3303985.0	0.082543	Y
2	STD04 460-1047517/8	0.4	0.039501	8.0	3332995.0	0.098752	Y
3	STD1 460-1047517/7	1.0	0.106933	8.0	3241146.0	0.106933	Y
4	STD2 460-1047517/6	2.0	0.23376	8.0	3193970.0	0.11688	Y
5	STD4 460-1047517/5	3.2	0.371931	8.0	3514849.0	0.116228	Y
6	ICIS 460-1047517/2	4.0	0.468266	8.0	3541441.0	0.117066	Y
7	STD16 460-1047517/4	4.8	0.571967	8.0	3027197.0	0.11916	Y
8	STD24 460-1047517/3	6.4	0.921847	8.0	2943639.0	0.144039	Y



Calibration / 4-Chloro-3-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

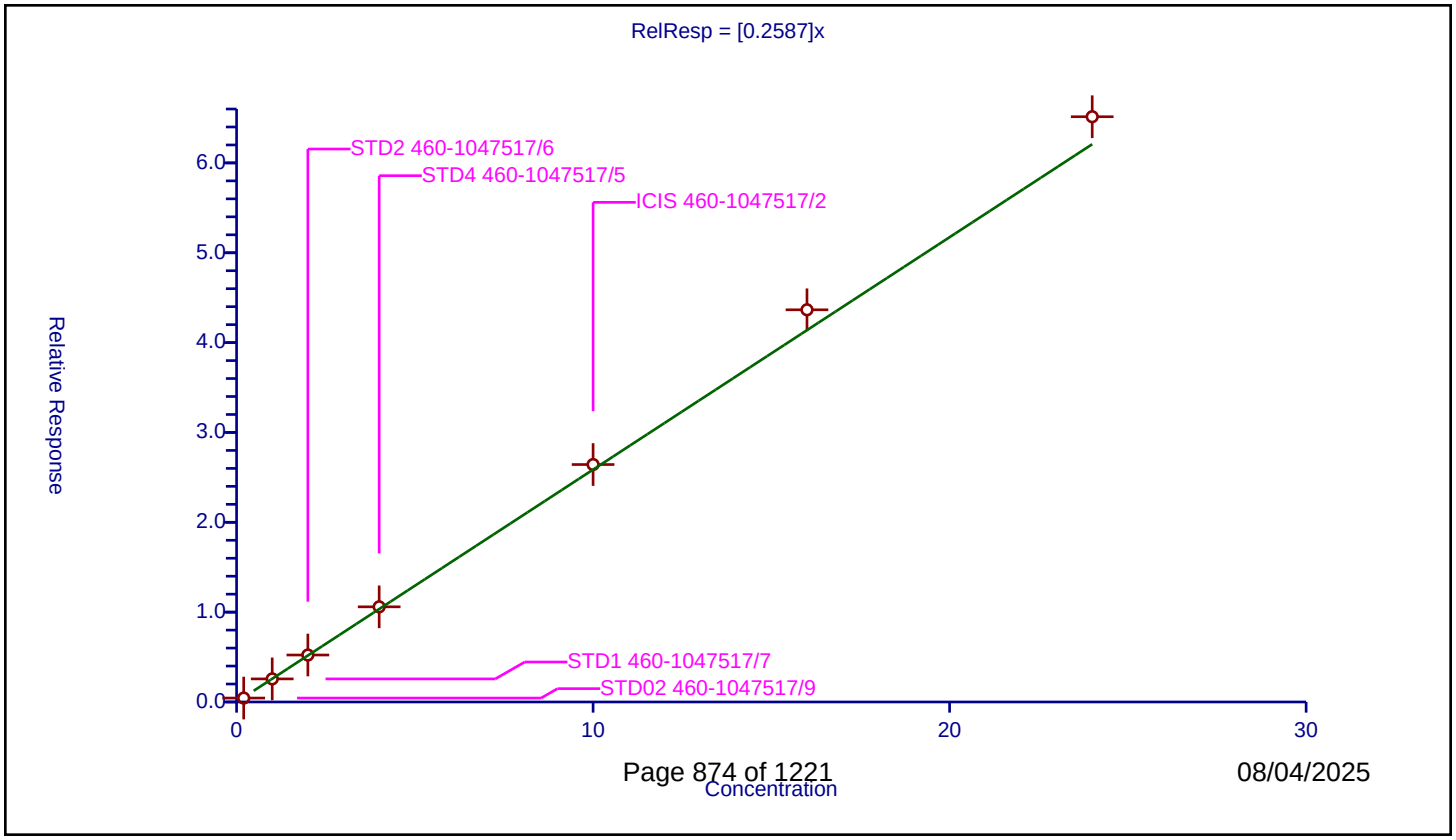
Curve Coefficients

Intercept:	0
Slope:	0.2587

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.043811	8.0	3303985.0	0.219057	Y
2	STD1 460-1047517/7	1.0	0.256941	8.0	3241146.0	0.256941	Y
3	STD2 460-1047517/6	2.0	0.522682	8.0	3193970.0	0.261341	Y
4	STD4 460-1047517/5	4.0	1.059029	8.0	3514849.0	0.264757	Y
5	ICIS 460-1047517/2	10.0	2.642917	8.0	3541441.0	0.264292	Y
6	STD16 460-1047517/4	16.0	4.365234	8.0	3027197.0	0.272827	Y
7	STD24 460-1047517/3	24.0	6.514359	8.0	2943639.0	0.271432	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

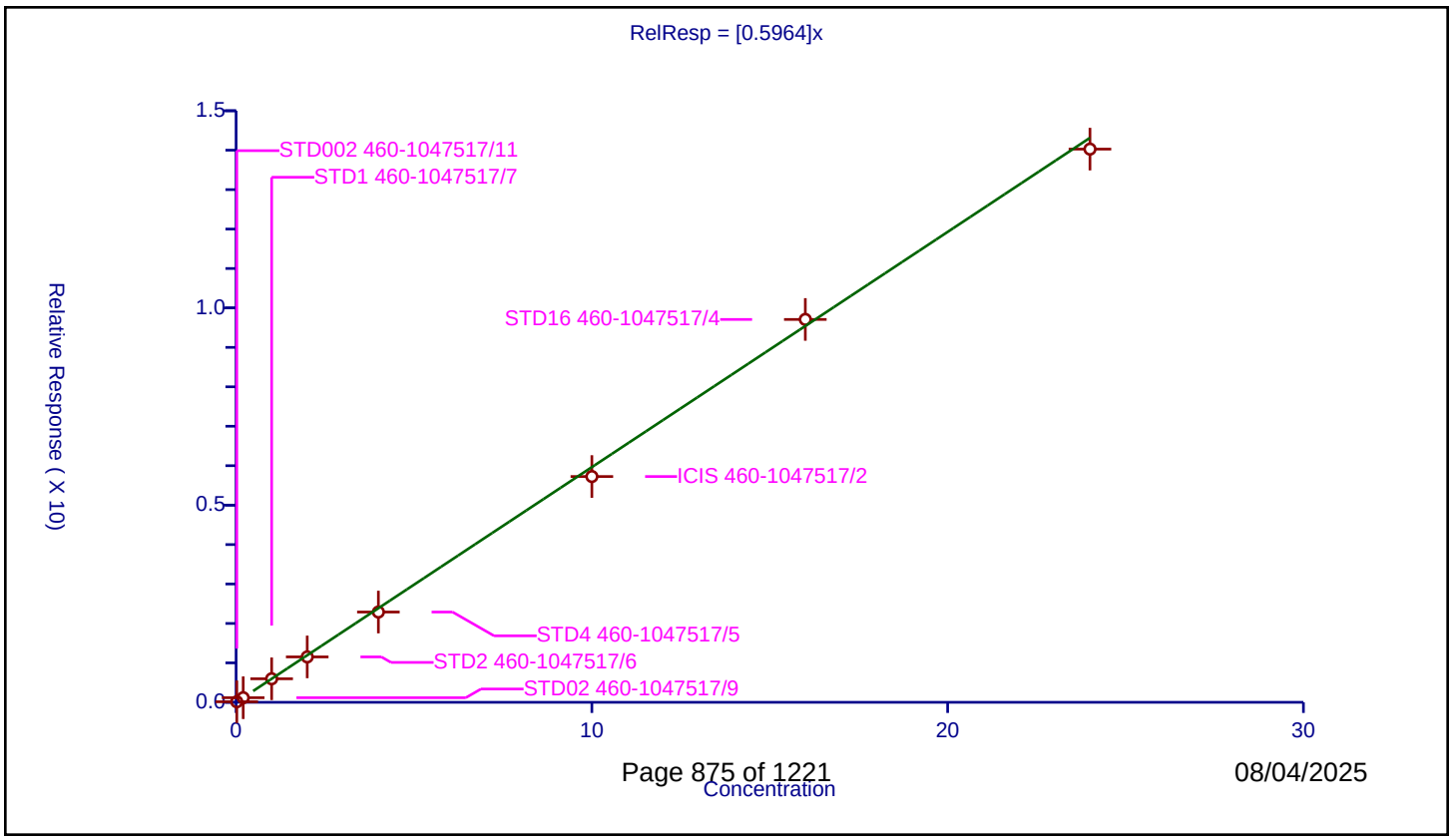
Curve Coefficients

Intercept:	0
Slope:	0.5964

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.013638	8.0	3148735.0	0.681925	Y
2	STD02 460-1047517/9	0.2	0.116204	8.0	3303985.0	0.58102	Y
3	STD1 460-1047517/7	1.0	0.596458	8.0	3241146.0	0.596458	Y
4	STD2 460-1047517/6	2.0	1.150976	8.0	3193970.0	0.575488	Y
5	STD4 460-1047517/5	4.0	2.289439	8.0	3514849.0	0.57236	Y
6	ICIS 460-1047517/2	10.0	5.725211	8.0	3541441.0	0.572521	Y
7	STD16 460-1047517/4	16.0	9.708292	8.0	3027197.0	0.606768	Y
8	STD24 460-1047517/3	24.0	14.027486	8.0	2943639.0	0.584479	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

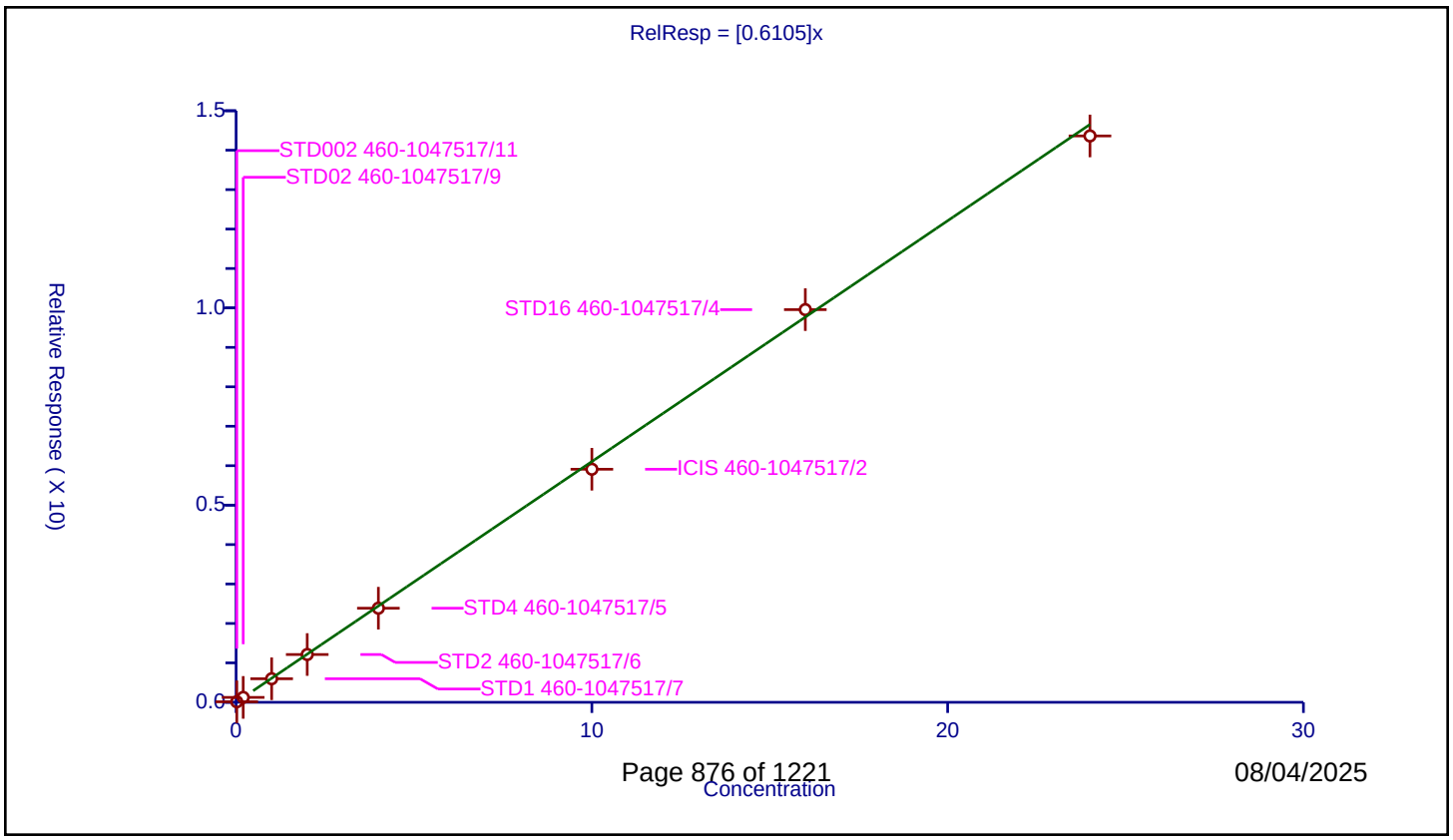
Curve Coefficients

Intercept:	0
Slope:	0.6105

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.013029	8.0	3148735.0	0.651436	Y
2	STD02 460-1047517/9	0.2	0.124221	8.0	3303985.0	0.621105	Y
3	STD1 460-1047517/7	1.0	0.597305	8.0	3241146.0	0.597305	Y
4	STD2 460-1047517/6	2.0	1.211849	8.0	3193970.0	0.605924	Y
5	STD4 460-1047517/5	4.0	2.386479	8.0	3514849.0	0.59662	Y
6	ICIS 460-1047517/2	10.0	5.91034	8.0	3541441.0	0.591034	Y
7	STD16 460-1047517/4	16.0	9.956804	8.0	3027197.0	0.6223	Y
8	STD24 460-1047517/3	24.0	14.361476	8.0	2943639.0	0.598395	Y



Calibration / Hexachlorocyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

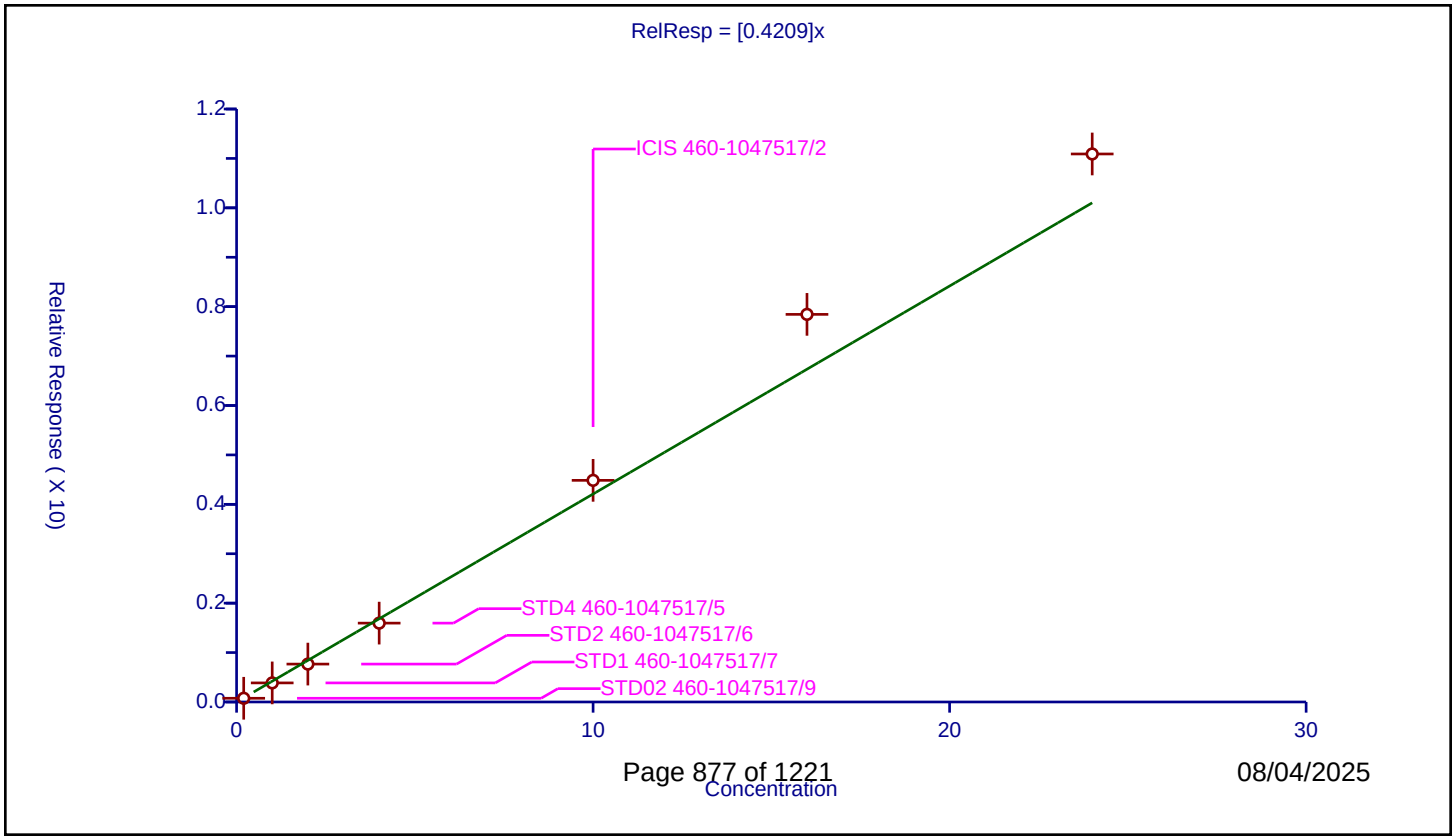
Curve Coefficients

Intercept:	0
Slope:	0.4209

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.075358	8.0	1493767.0	0.376792	Y
2	STD1 460-1047517/7	1.0	0.385985	8.0	1452346.0	0.385985	Y
3	STD2 460-1047517/6	2.0	0.767157	8.0	1396199.0	0.383579	Y
4	STD4 460-1047517/5	4.0	1.596258	8.0	1522185.0	0.399065	Y
5	ICIS 460-1047517/2	10.0	4.485214	8.0	1433505.0	0.448521	Y
6	STD16 460-1047517/4	16.0	7.843979	8.0	1202298.0	0.490249	Y
7	STD24 460-1047517/3	24.0	11.089916	8.0	1196936.0	0.46208	Y



Calibration / 1,2,4,5-Tetrachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

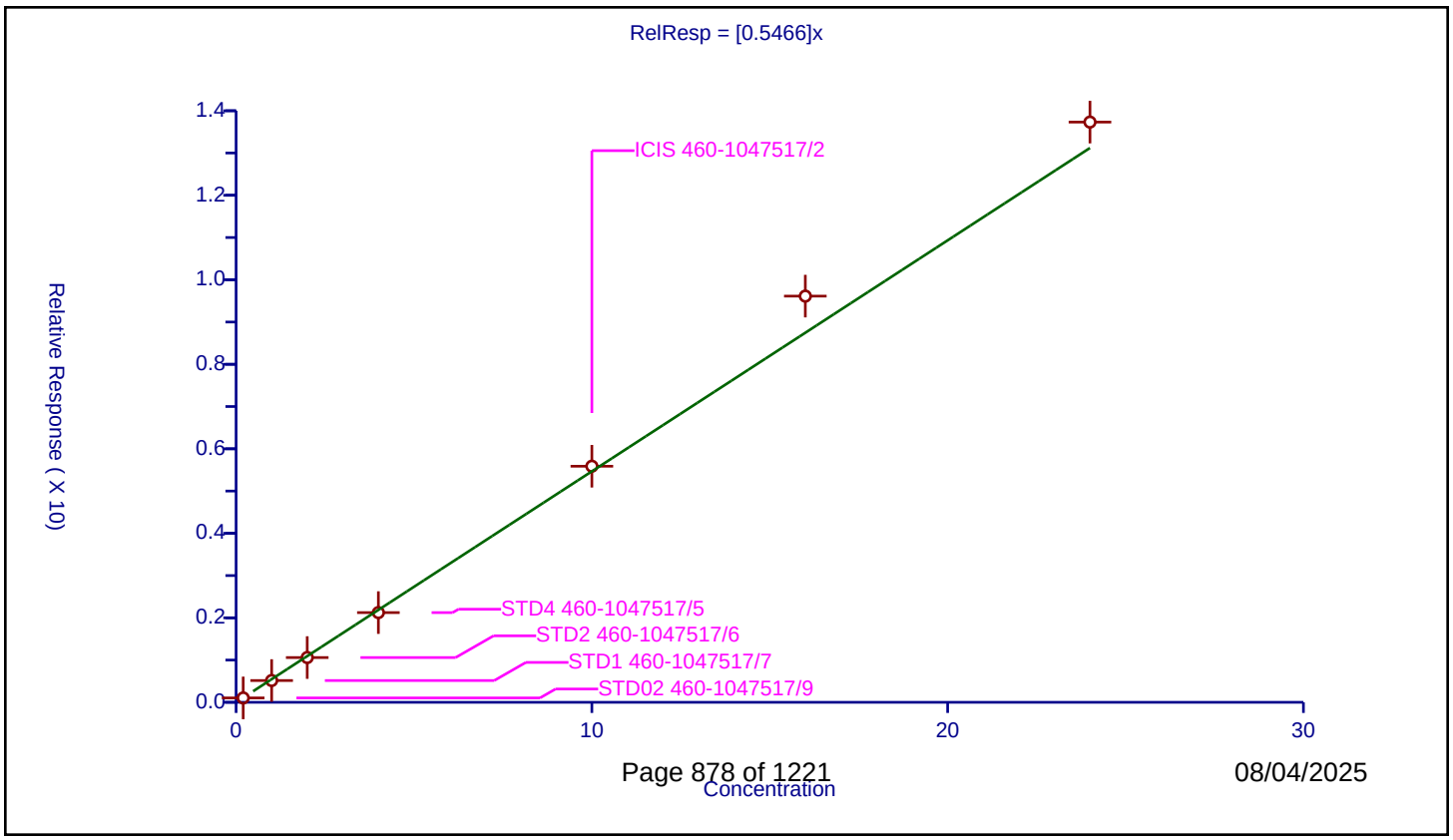
Curve Coefficients

Intercept:	0
Slope:	0.5466

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.10377	8.0	1493767.0	0.518849	Y
2	STD1 460-1047517/7	1.0	0.515508	8.0	1452346.0	0.515508	Y
3	STD2 460-1047517/6	2.0	1.059219	8.0	1396199.0	0.529609	Y
4	STD4 460-1047517/5	4.0	2.123164	8.0	1522185.0	0.530791	Y
5	ICIS 460-1047517/2	10.0	5.587067	8.0	1433505.0	0.558707	Y
6	STD16 460-1047517/4	16.0	9.613011	8.0	1202298.0	0.600813	Y
7	STD24 460-1047517/3	24.0	13.731849	8.0	1196936.0	0.57216	Y



Calibration / 2-tertbutyl-4-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

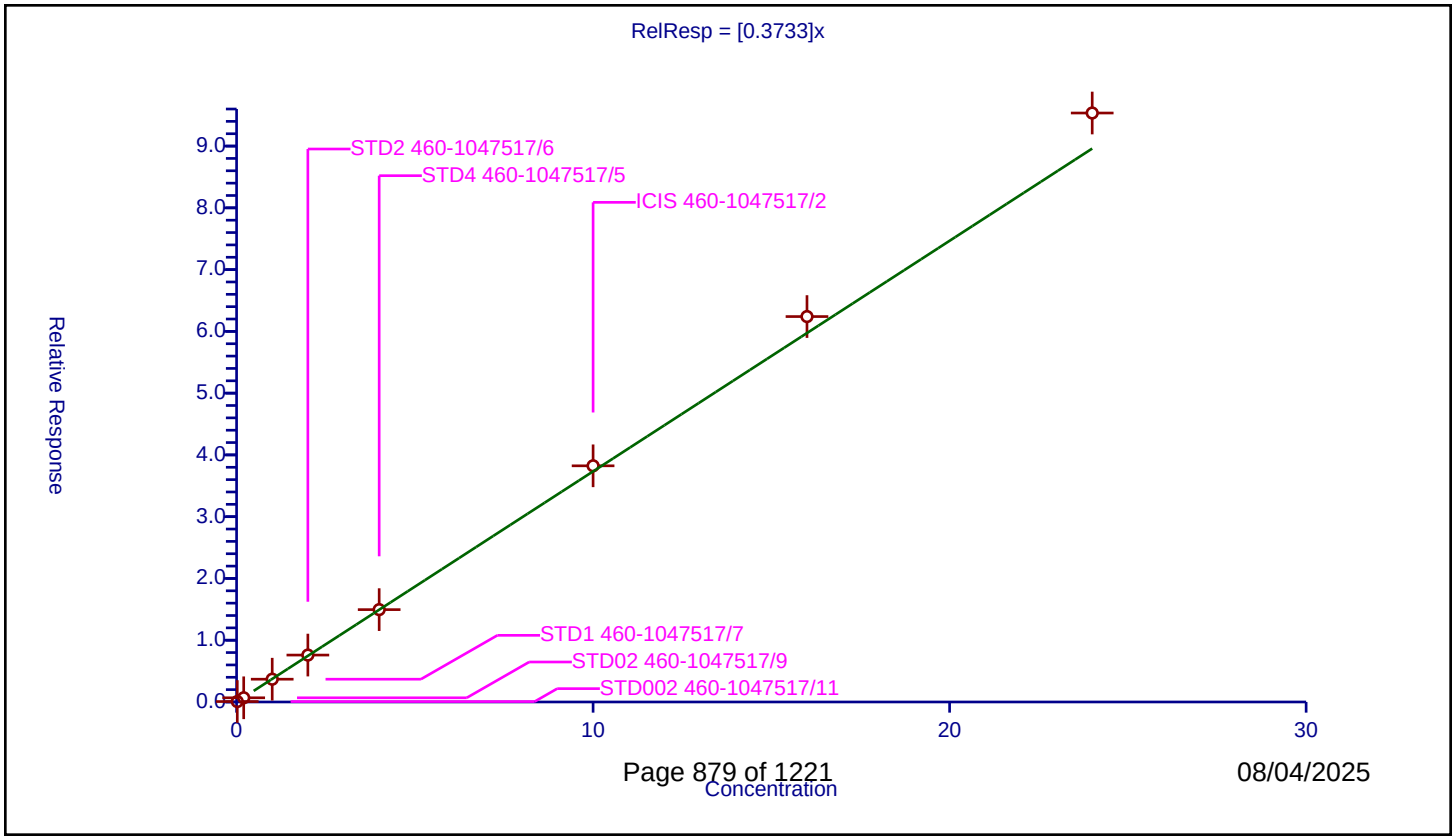
Curve Coefficients

Intercept:	0
Slope:	0.3733

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.007086	8.0	3148735.0	0.354301	Y
2	STD02 460-1047517/9	0.2	0.067986	8.0	3303985.0	0.339929	Y
3	STD1 460-1047517/7	1.0	0.369069	8.0	3241146.0	0.369069	Y
4	STD2 460-1047517/6	2.0	0.759724	8.0	3193970.0	0.379862	Y
5	STD4 460-1047517/5	4.0	1.495156	8.0	3514849.0	0.373789	Y
6	ICIS 460-1047517/2	10.0	3.823461	8.0	3541441.0	0.382346	Y
7	STD16 460-1047517/4	16.0	6.239924	8.0	3027197.0	0.389995	Y
8	STD24 460-1047517/3	24.0	9.535389	8.0	2943639.0	0.397308	Y



Calibration / 2,4,6-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

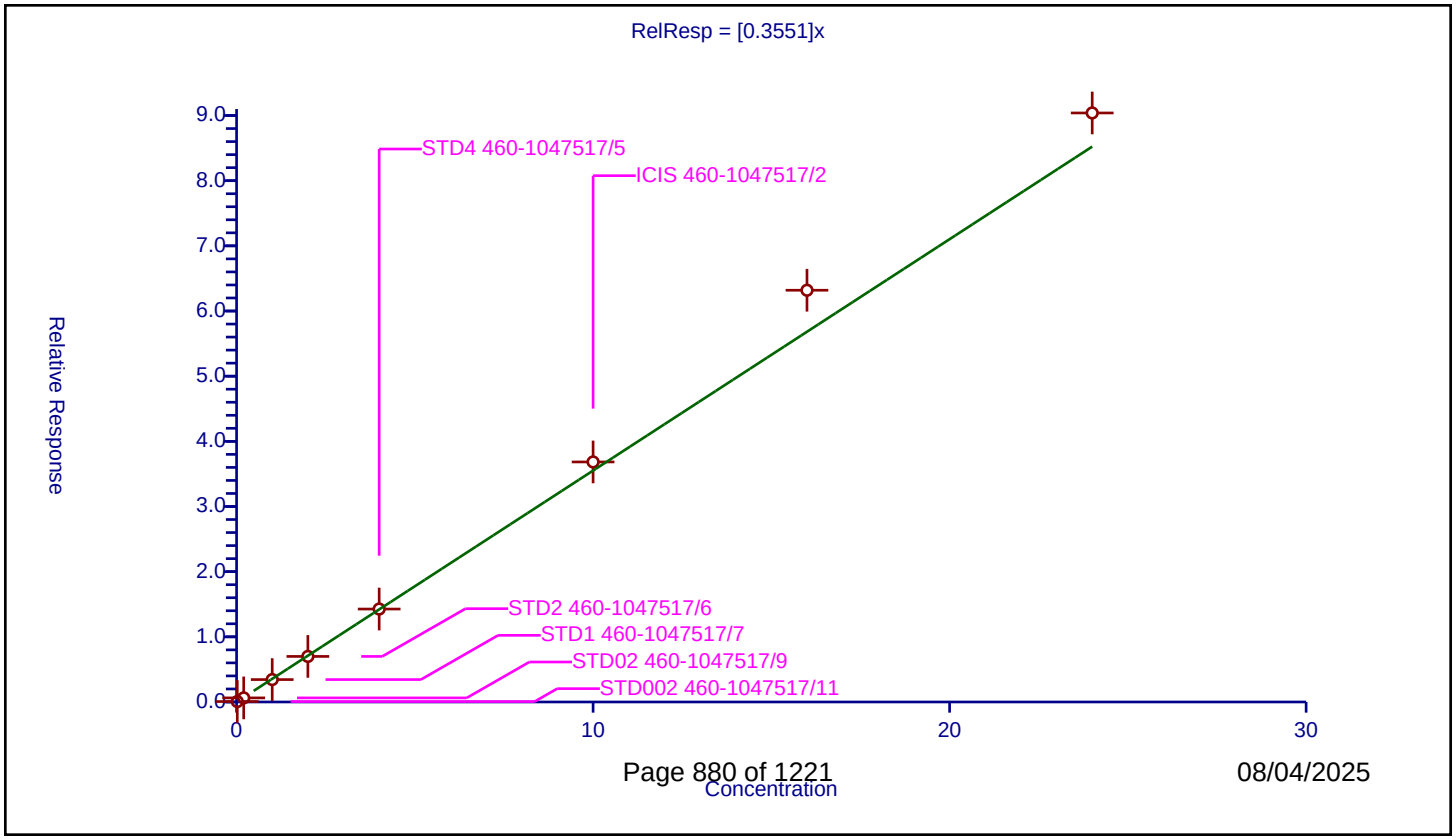
Curve Coefficients

Intercept:	0
Slope:	0.3551

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.006734	8.0	1443398.0	0.336705	Y
2	STD02 460-1047517/9	0.2	0.062805	8.0	1493767.0	0.314025	Y
3	STD1 460-1047517/7	1.0	0.344094	8.0	1452346.0	0.344094	Y
4	STD2 460-1047517/6	2.0	0.699092	8.0	1396199.0	0.349546	Y
5	STD4 460-1047517/5	4.0	1.426434	8.0	1522185.0	0.356608	Y
6	ICIS 460-1047517/2	10.0	3.683922	8.0	1433505.0	0.368392	Y
7	STD16 460-1047517/4	16.0	6.318819	8.0	1202298.0	0.394926	Y
8	STD24 460-1047517/3	24.0	9.039487	8.0	1196936.0	0.376645	Y



Calibration / 2,4,5-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

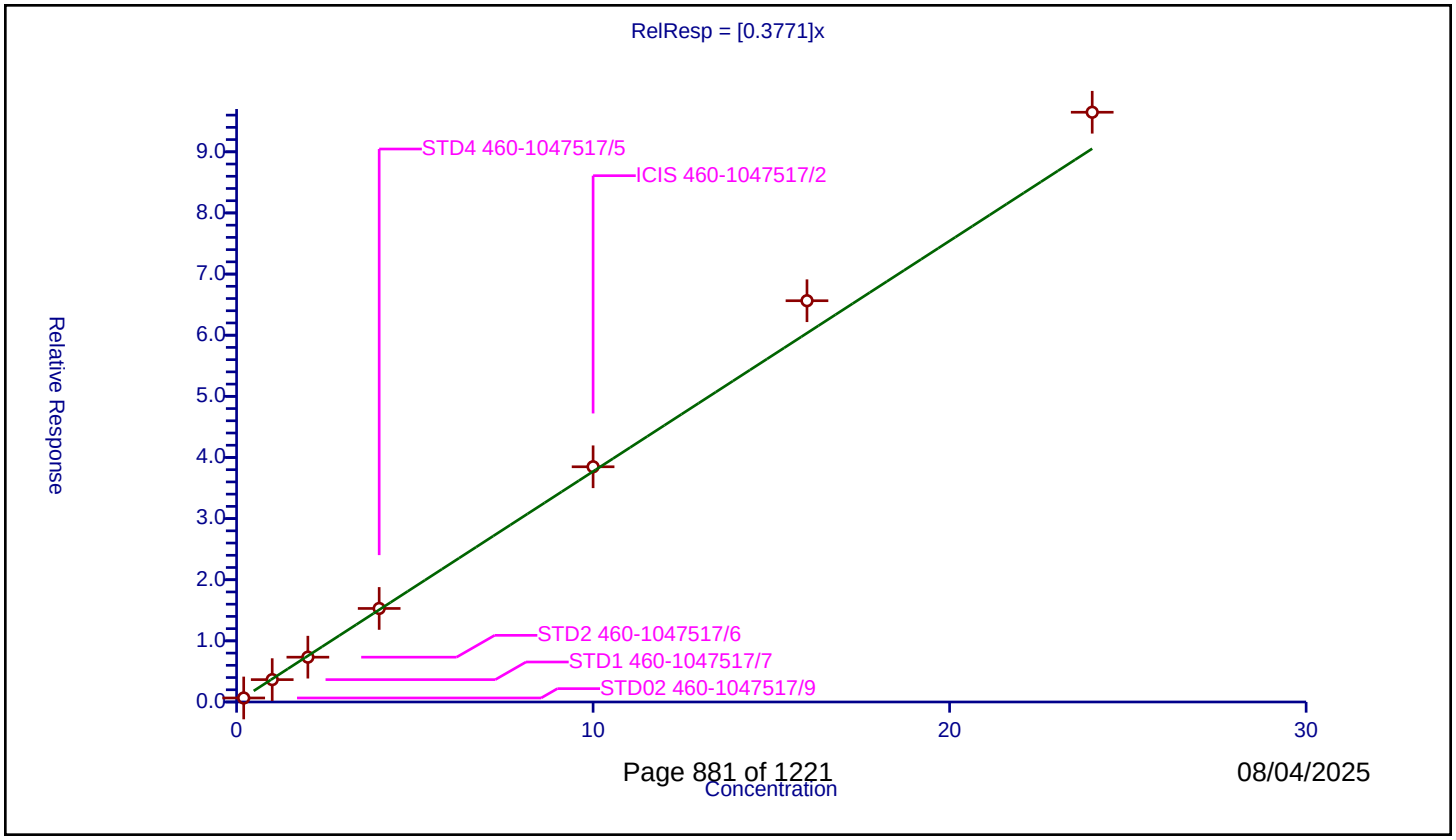
Curve Coefficients

Intercept:	0
Slope:	0.3771

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.065595	8.0	1493767.0	0.327976	Y
2	STD1 460-1047517/7	1.0	0.365979	8.0	1452346.0	0.365979	Y
3	STD2 460-1047517/6	2.0	0.733145	8.0	1396199.0	0.366572	Y
4	STD4 460-1047517/5	4.0	1.530179	8.0	1522185.0	0.382545	Y
5	ICIS 460-1047517/2	10.0	3.847504	8.0	1433505.0	0.38475	Y
6	STD16 460-1047517/4	16.0	6.56383	8.0	1202298.0	0.410239	Y
7	STD24 460-1047517/3	24.0	9.647226	8.0	1196936.0	0.401968	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

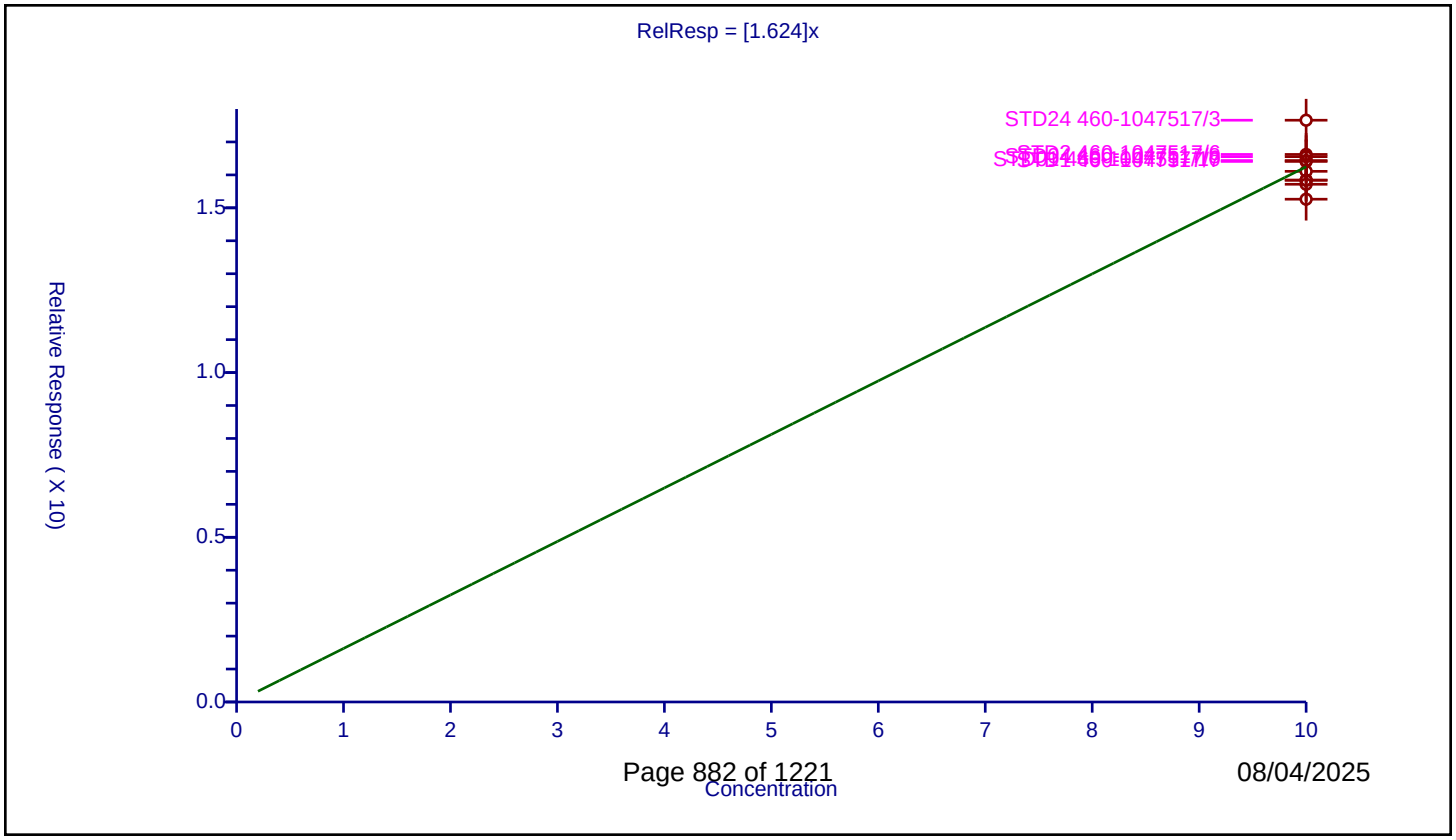
Curve Coefficients

Intercept:	0
Slope:	1.624

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1047517/2	10.0	15.262144	8.0	1433505.0	1.526214	Y
2	STD24 460-1047517/3	10.0	17.659898	8.0	1196936.0	1.76599	Y
3	STD16 460-1047517/4	10.0	15.841357	8.0	1202298.0	1.584136	Y
4	STD4 460-1047517/5	10.0	15.839215	8.0	1522185.0	1.583922	Y
5	STD2 460-1047517/6	10.0	16.621539	8.0	1396199.0	1.662154	Y
6	STD1 460-1047517/7	10.0	16.408481	8.0	1452346.0	1.640848	Y
7	STD04 460-1047517/8	10.0	16.552915	8.0	1496737.0	1.655291	Y
8	STD02 460-1047517/9	10.0	16.108119	8.0	1493767.0	1.610812	Y
9	STD01 460-1047517/10	10.0	16.436332	8.0	1470202.0	1.643633	Y
10	STD002 460-1047517/11	10.0	15.715438	8.0	1443398.0	1.571544	Y



Calibration / 1,1'-Biphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

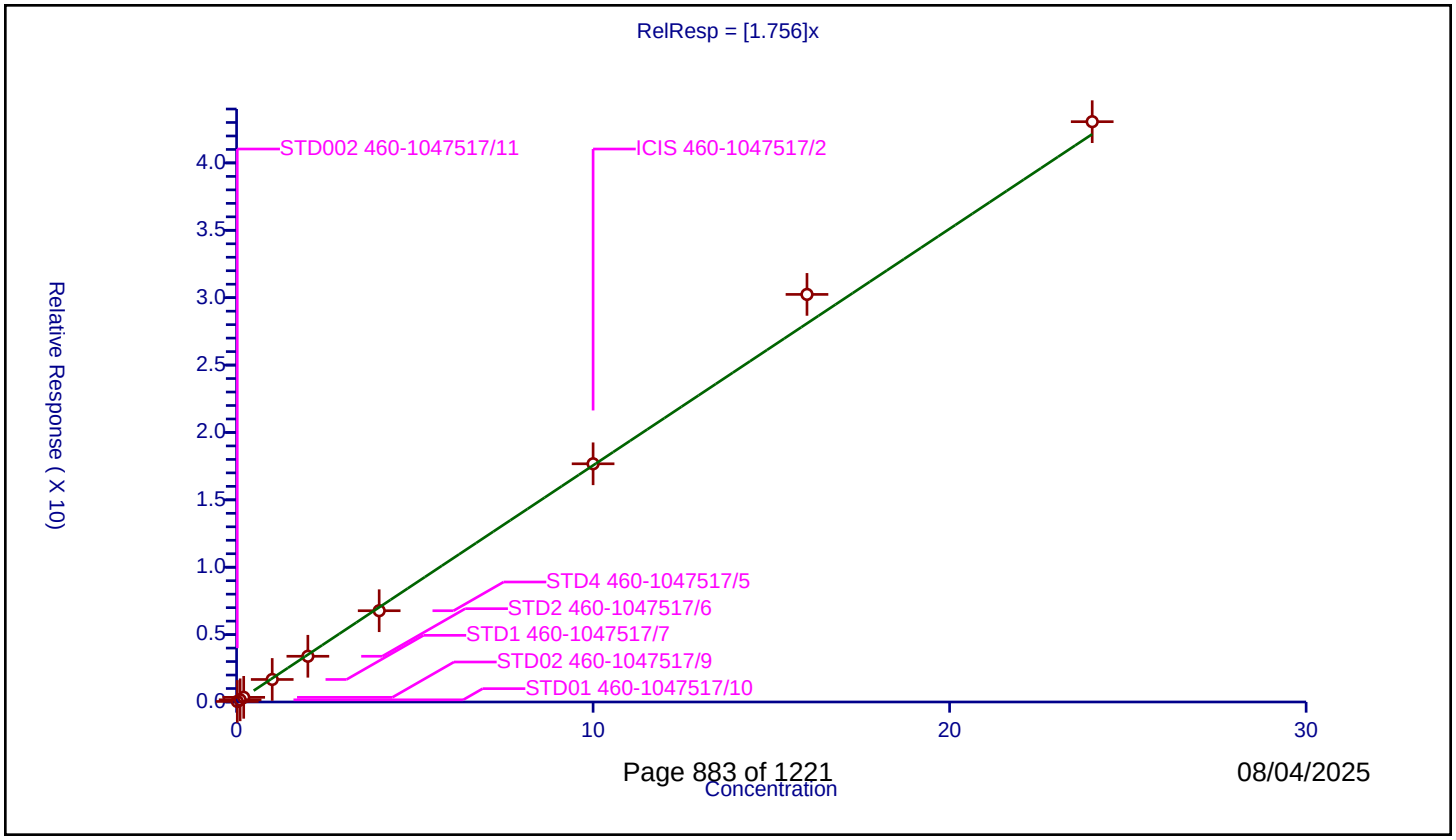
Curve Coefficients

Intercept:	0
Slope:	1.756

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.03908	8.0	1443398.0	1.954	Y
2	STD01 460-1047517/10	0.1	0.160538	8.0	1470202.0	1.605385	Y
3	STD02 460-1047517/9	0.2	0.345923	8.0	1493767.0	1.729614	Y
4	STD1 460-1047517/7	1.0	1.670643	8.0	1452346.0	1.670643	Y
5	STD2 460-1047517/6	2.0	3.392135	8.0	1396199.0	1.696068	Y
6	STD4 460-1047517/5	4.0	6.771787	8.0	1522185.0	1.692947	Y
7	ICIS 460-1047517/2	10.0	17.675641	8.0	1433505.0	1.767564	Y
8	STD16 460-1047517/4	16.0	30.243637	8.0	1202298.0	1.890227	Y
9	STD24 460-1047517/3	24.0	43.059499	8.0	1196936.0	1.794146	Y



Calibration / 2-Chloronaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

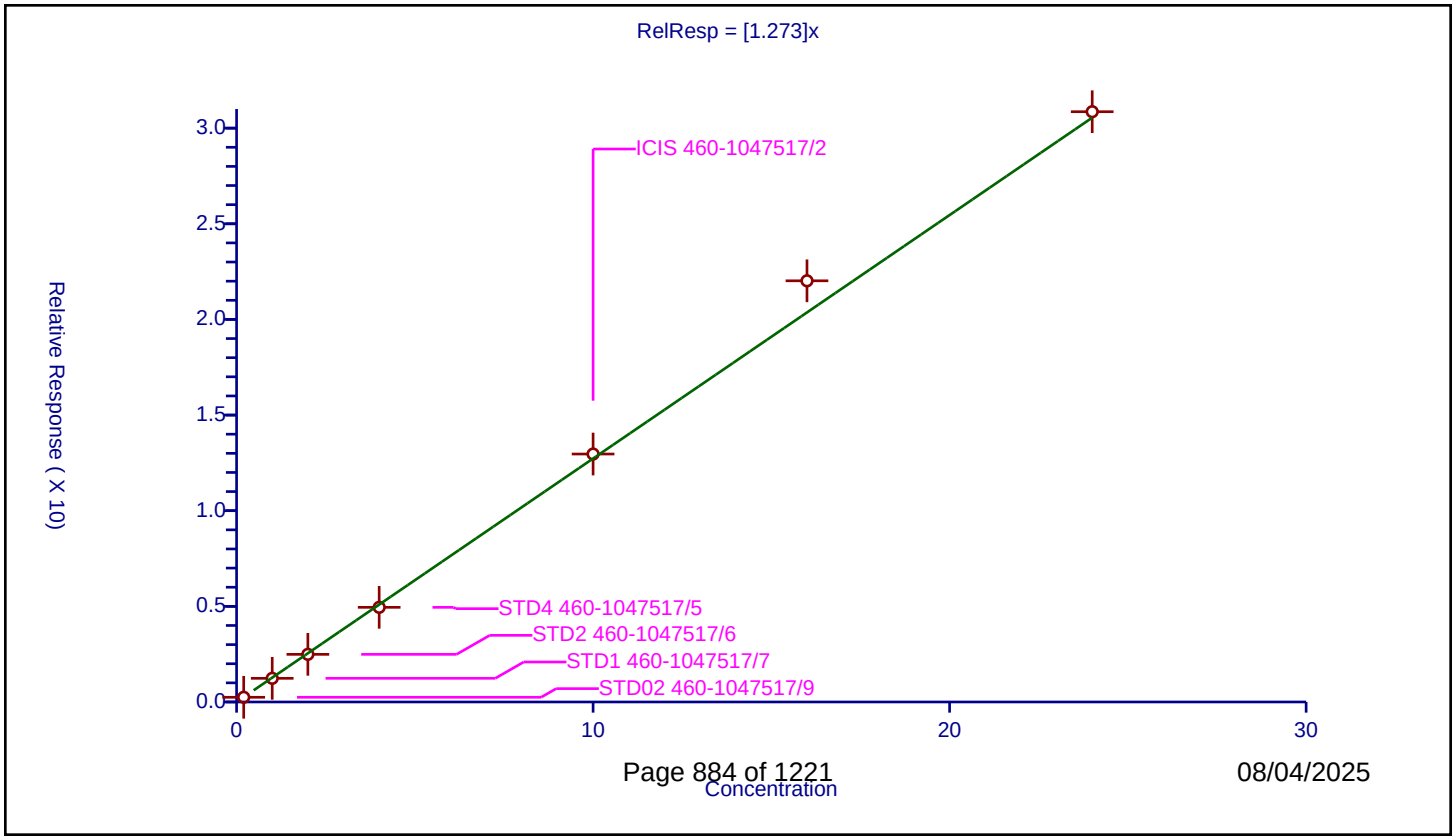
Curve Coefficients

Intercept:	0
Slope:	1.273

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.246373	8.0	1493767.0	1.231865	Y
2	STD1 460-1047517/7	1.0	1.237044	8.0	1452346.0	1.237044	Y
3	STD2 460-1047517/6	2.0	2.490877	8.0	1396199.0	1.245439	Y
4	STD4 460-1047517/5	4.0	4.948119	8.0	1522185.0	1.23703	Y
5	ICIS 460-1047517/2	10.0	12.962857	8.0	1433505.0	1.296286	Y
6	STD16 460-1047517/4	16.0	22.018634	8.0	1202298.0	1.376165	Y
7	STD24 460-1047517/3	24.0	30.859635	8.0	1196936.0	1.285818	Y



Calibration / Phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

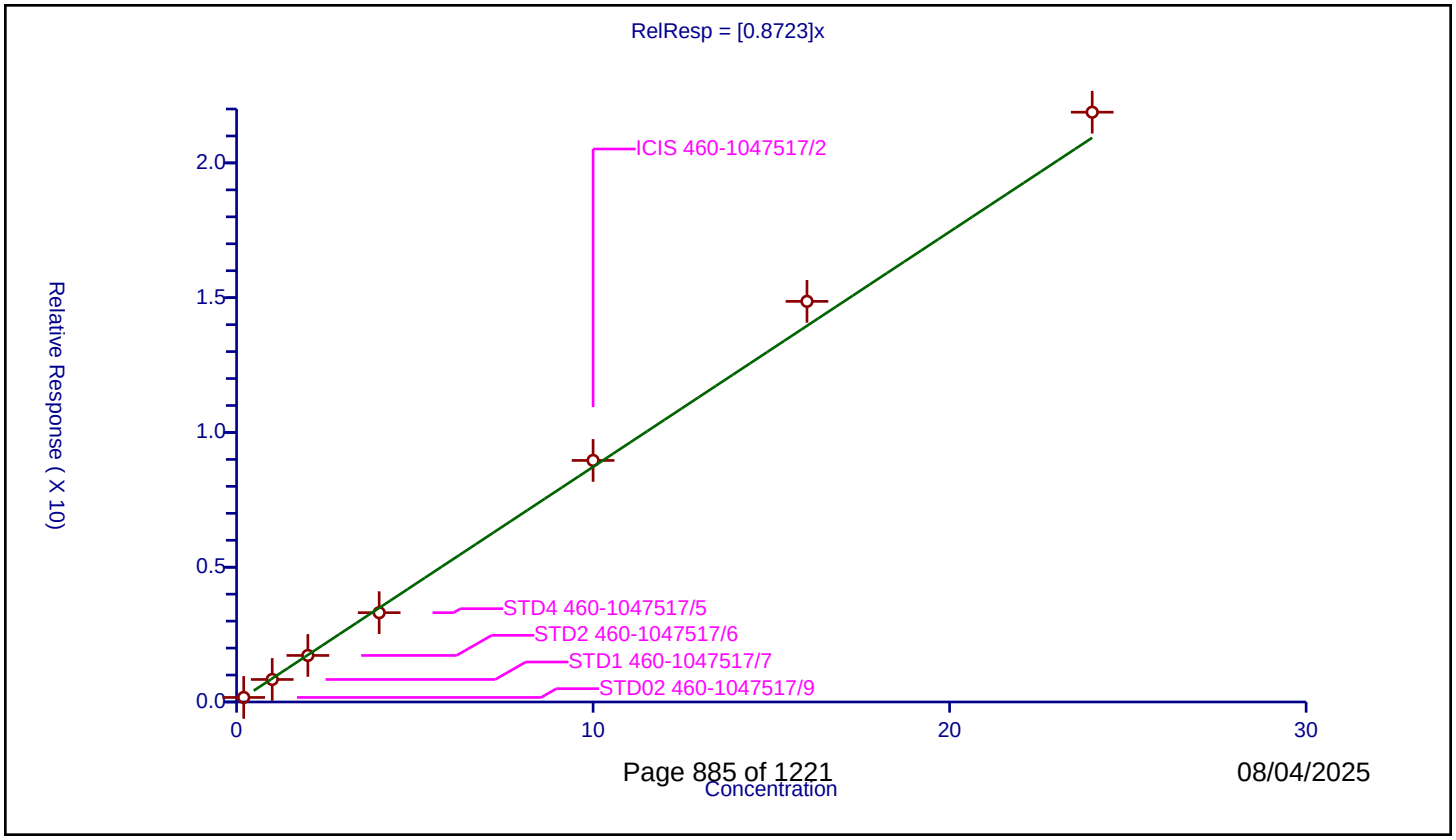
Curve Coefficients

Intercept:	0
Slope:	0.8723

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.168294	8.0	1493767.0	0.84147	Y
2	STD1 460-1047517/7	1.0	0.835636	8.0	1452346.0	0.835636	Y
3	STD2 460-1047517/6	2.0	1.726774	8.0	1396199.0	0.863387	Y
4	STD4 460-1047517/5	4.0	3.314026	8.0	1522185.0	0.828506	Y
5	ICIS 460-1047517/2	10.0	8.96181	8.0	1433505.0	0.896181	Y
6	STD16 460-1047517/4	16.0	14.863297	8.0	1202298.0	0.928956	Y
7	STD24 460-1047517/3	24.0	21.881771	8.0	1196936.0	0.91174	Y



Calibration / 2-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

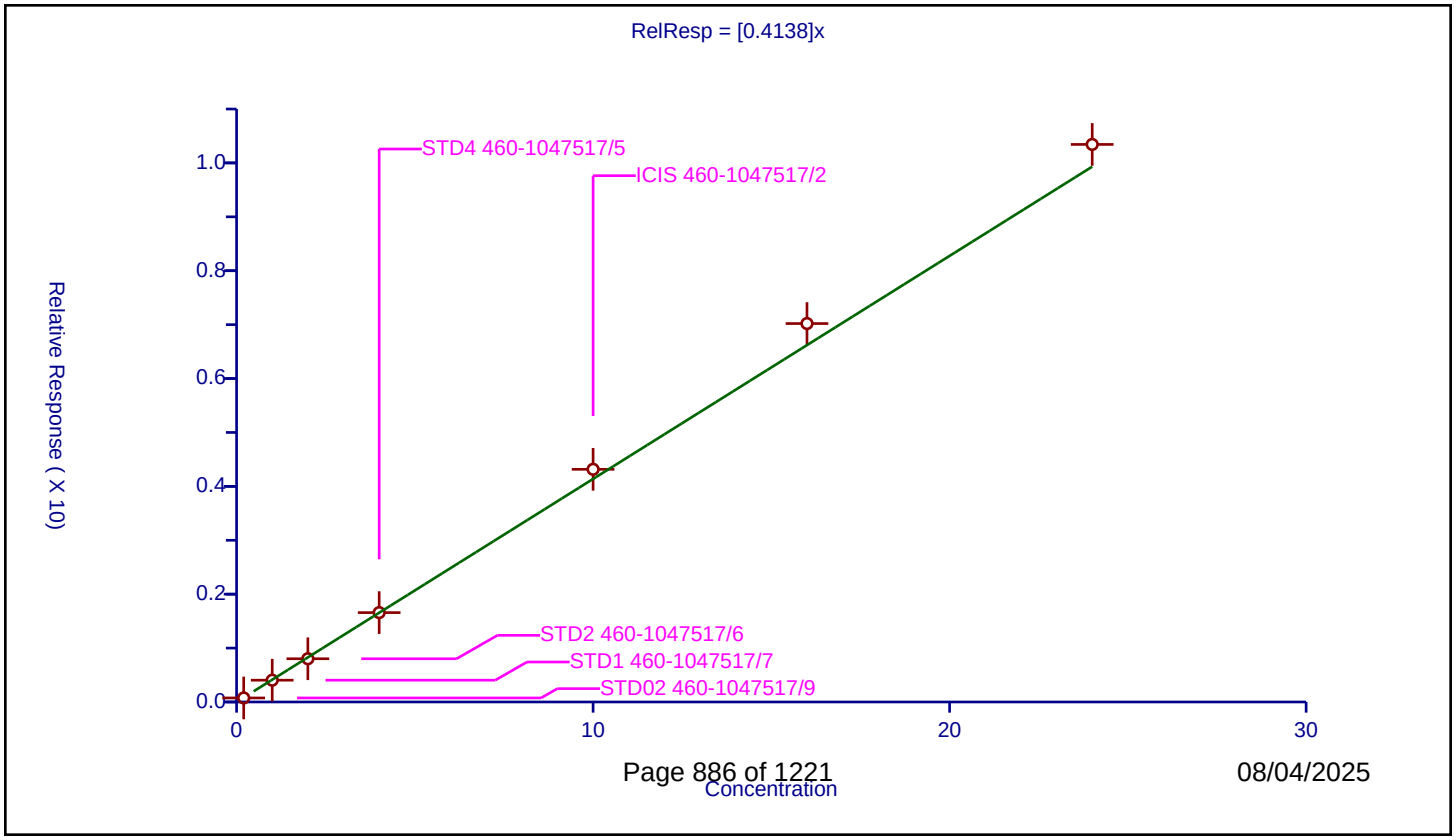
Curve Coefficients

Intercept:	0
Slope:	0.4138

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.074989	8.0	1493767.0	0.374945	Y
2	STD1 460-1047517/7	1.0	0.404488	8.0	1452346.0	0.404488	Y
3	STD2 460-1047517/6	2.0	0.802224	8.0	1396199.0	0.401112	Y
4	STD4 460-1047517/5	4.0	1.65809	8.0	1522185.0	0.414523	Y
5	ICIS 460-1047517/2	10.0	4.316207	8.0	1433505.0	0.431621	Y
6	STD16 460-1047517/4	16.0	7.020369	8.0	1202298.0	0.438773	Y
7	STD24 460-1047517/3	24.0	10.343183	8.0	1196936.0	0.430966	Y



Calibration / 1,3-Dimethylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

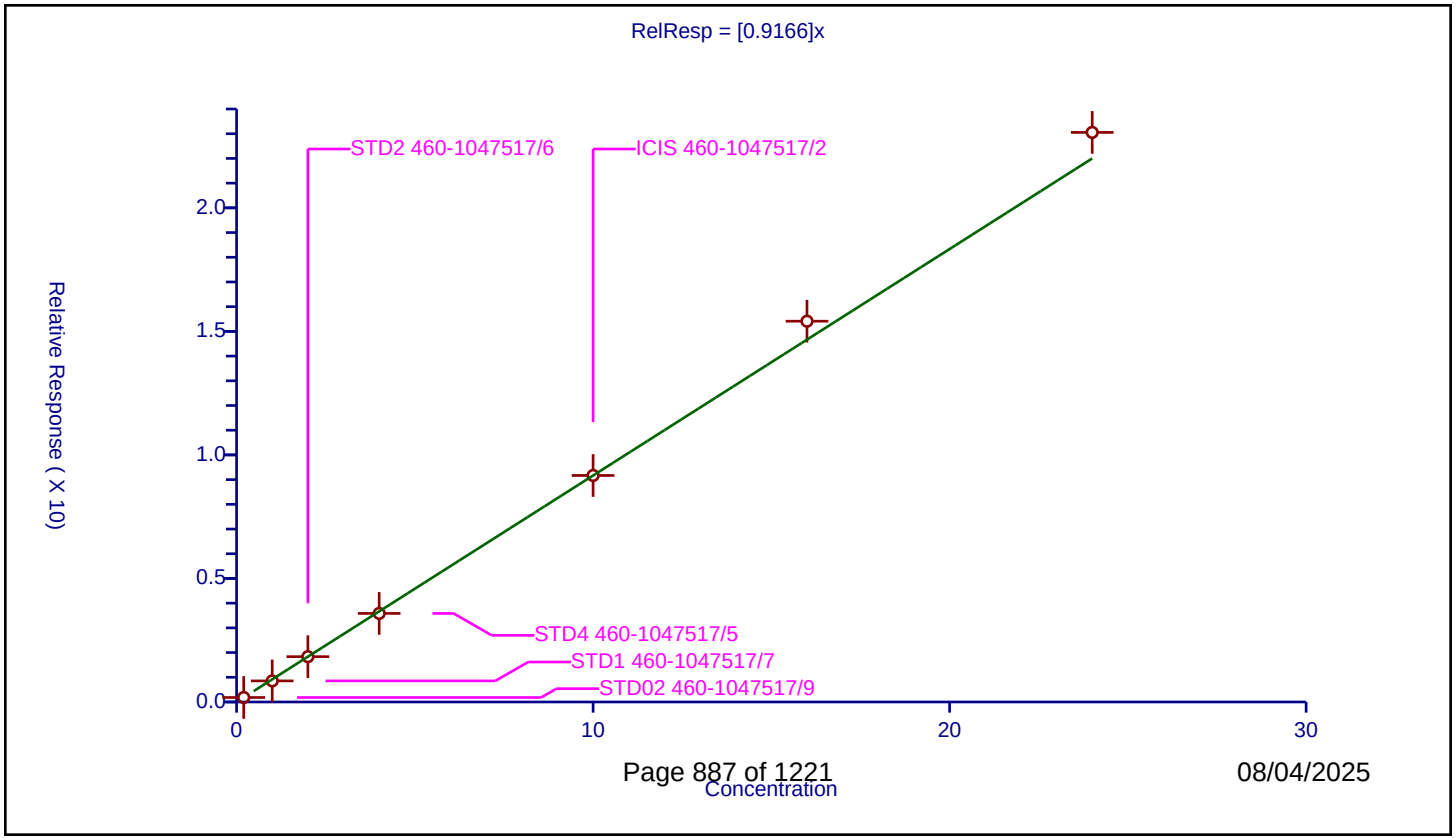
Curve Coefficients

Intercept:	0
Slope:	0.9166

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.181801	8.0	1493767.0	0.909004	Y
2	STD1 460-1047517/7	1.0	0.853334	8.0	1452346.0	0.853334	Y
3	STD2 460-1047517/6	2.0	1.834501	8.0	1396199.0	0.91725	Y
4	STD4 460-1047517/5	4.0	3.585104	8.0	1522185.0	0.896276	Y
5	ICIS 460-1047517/2	10.0	9.168582	8.0	1433505.0	0.916858	Y
6	STD16 460-1047517/4	16.0	15.41172	8.0	1202298.0	0.963232	Y
7	STD24 460-1047517/3	24.0	23.053216	8.0	1196936.0	0.960551	Y



Calibration / Dimethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

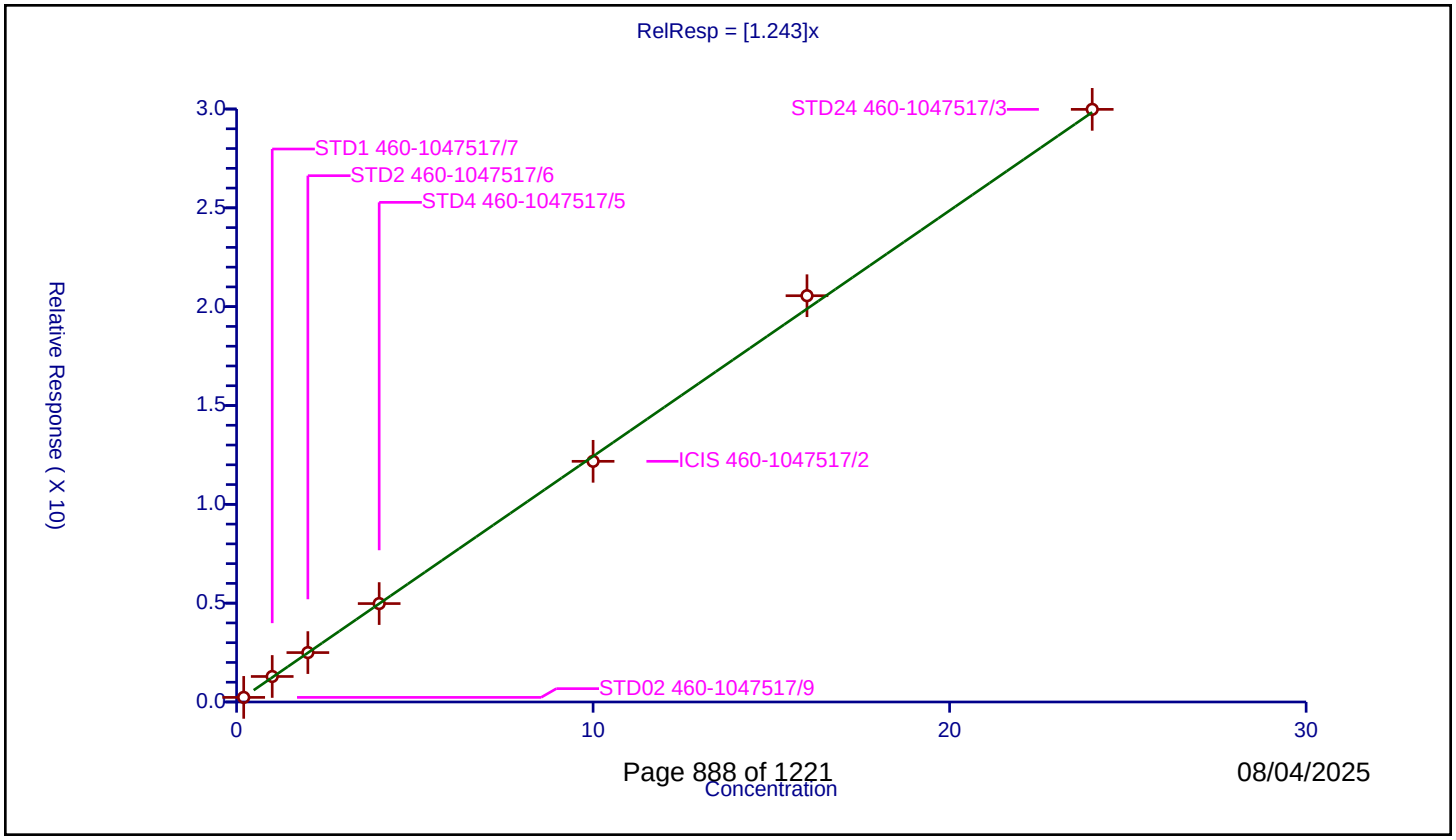
Curve Coefficients

Intercept:	0
Slope:	1.243

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.233064	8.0	1493767.0	1.165322	Y
2	STD1 460-1047517/7	1.0	1.290629	8.0	1452346.0	1.290629	Y
3	STD2 460-1047517/6	2.0	2.499506	8.0	1396199.0	1.249753	Y
4	STD4 460-1047517/5	4.0	4.978654	8.0	1522185.0	1.244663	Y
5	ICIS 460-1047517/2	10.0	12.176532	8.0	1433505.0	1.217653	Y
6	STD16 460-1047517/4	16.0	20.554917	8.0	1202298.0	1.284682	Y
7	STD24 460-1047517/3	24.0	29.983017	8.0	1196936.0	1.249292	Y



Calibration / Coumarin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

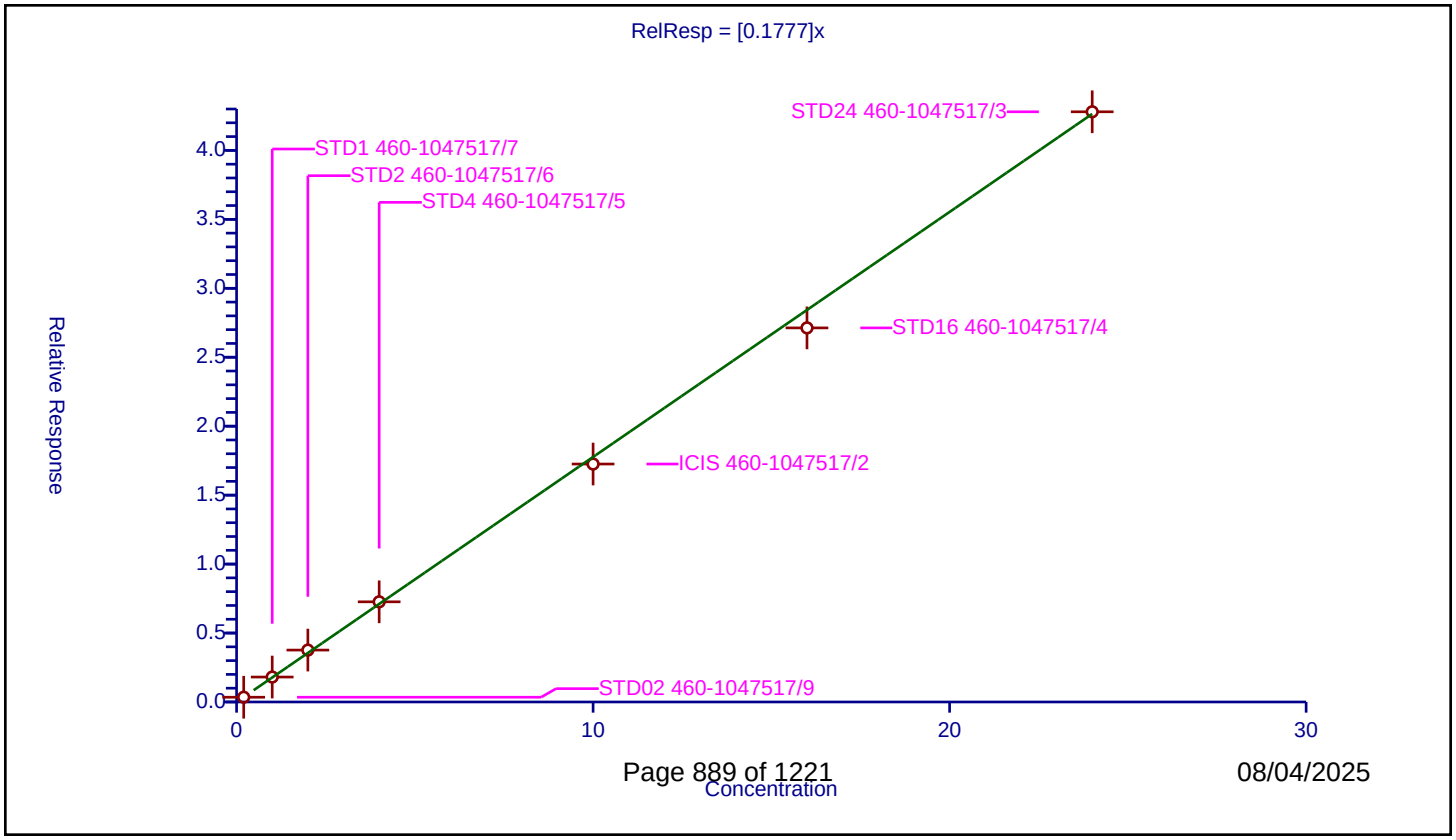
Curve Coefficients

Intercept:	0
Slope:	0.1777

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.034543	8.0	3303985.0	0.172713	Y
2	STD1 460-1047517/7	1.0	0.18083	8.0	3241146.0	0.18083	Y
3	STD2 460-1047517/6	2.0	0.376382	8.0	3193970.0	0.188191	Y
4	STD4 460-1047517/5	4.0	0.726388	8.0	3514849.0	0.181597	Y
5	ICIS 460-1047517/2	10.0	1.725503	8.0	3541441.0	0.17255	Y
6	STD16 460-1047517/4	16.0	2.712833	8.0	3027197.0	0.169552	Y
7	STD24 460-1047517/3	24.0	4.279916	8.0	2943639.0	0.17833	Y



Calibration / 2,6-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

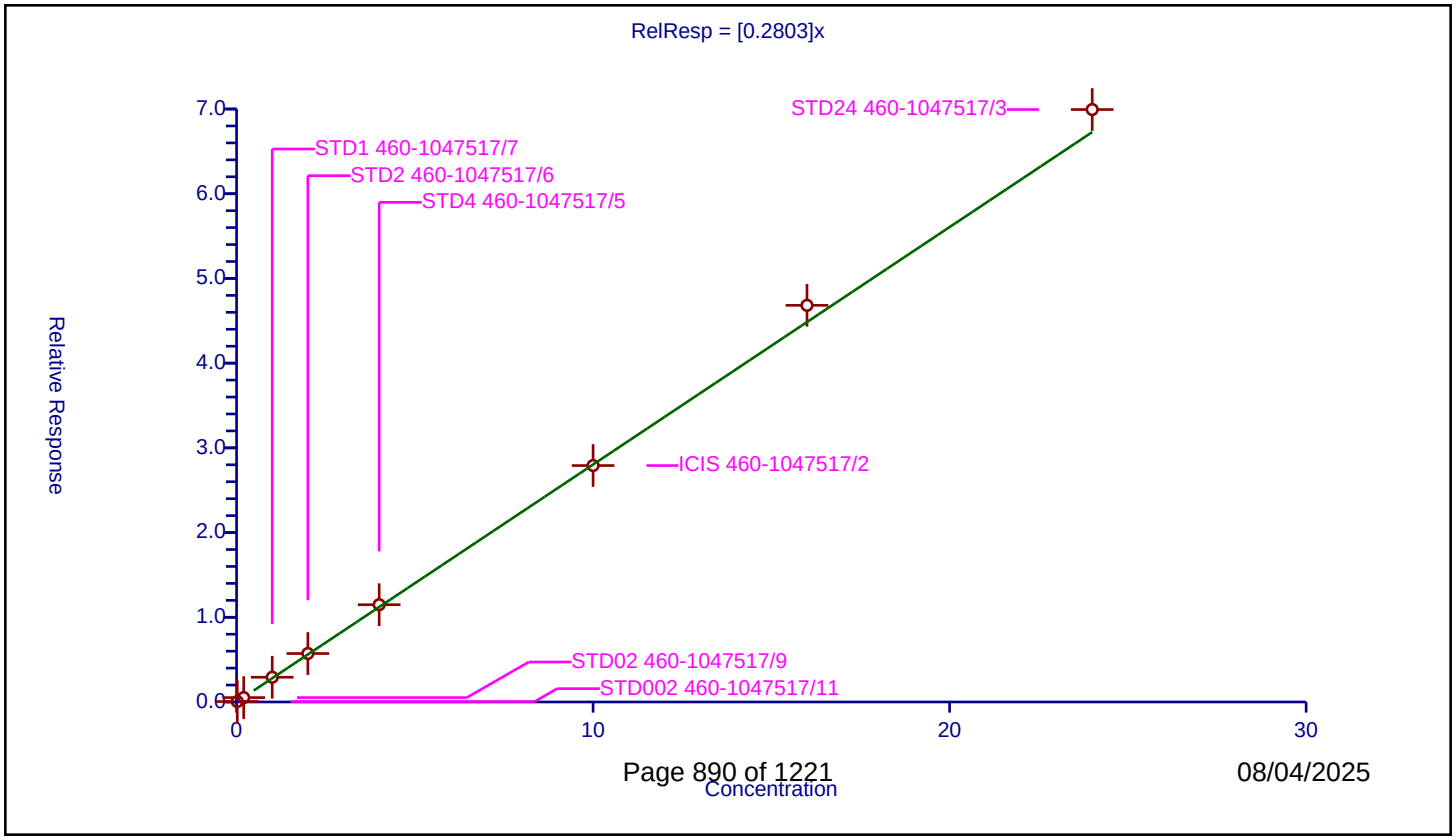
Curve Coefficients

Intercept:	0
Slope:	0.2803

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.005099	8.0	1443398.0	0.254954	Y
2	STD02 460-1047517/9	0.2	0.051847	8.0	1493767.0	0.259237	Y
3	STD1 460-1047517/7	1.0	0.291815	8.0	1452346.0	0.291815	Y
4	STD2 460-1047517/6	2.0	0.572279	8.0	1396199.0	0.28614	Y
5	STD4 460-1047517/5	4.0	1.148607	8.0	1522185.0	0.287152	Y
6	ICIS 460-1047517/2	10.0	2.791145	8.0	1433505.0	0.279114	Y
7	STD16 460-1047517/4	16.0	4.6824	8.0	1202298.0	0.29265	Y
8	STD24 460-1047517/3	24.0	6.993838	8.0	1196936.0	0.29141	Y



Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

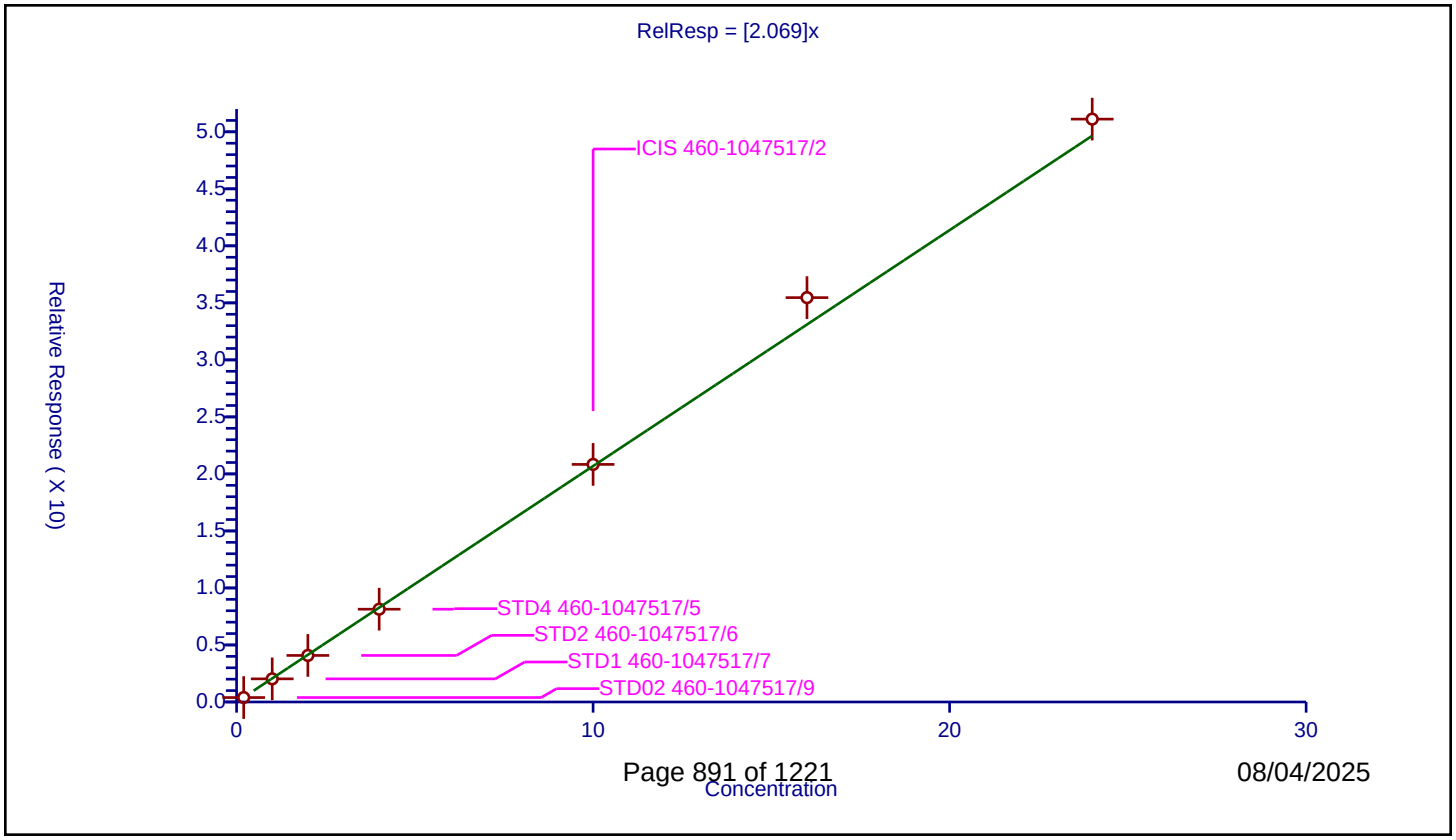
Curve Coefficients

Intercept:	0
Slope:	2.069

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.389801	8.0	1493767.0	1.949005	Y
2	STD1 460-1047517/7	1.0	2.028266	8.0	1452346.0	2.028266	Y
3	STD2 460-1047517/6	2.0	4.081636	8.0	1396199.0	2.040818	Y
4	STD4 460-1047517/5	4.0	8.137113	8.0	1522185.0	2.034278	Y
5	ICIS 460-1047517/2	10.0	20.835438	8.0	1433505.0	2.083544	Y
6	STD16 460-1047517/4	16.0	35.460926	8.0	1202298.0	2.216308	Y
7	STD24 460-1047517/3	24.0	51.113924	8.0	1196936.0	2.129747	Y



Calibration / 3-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

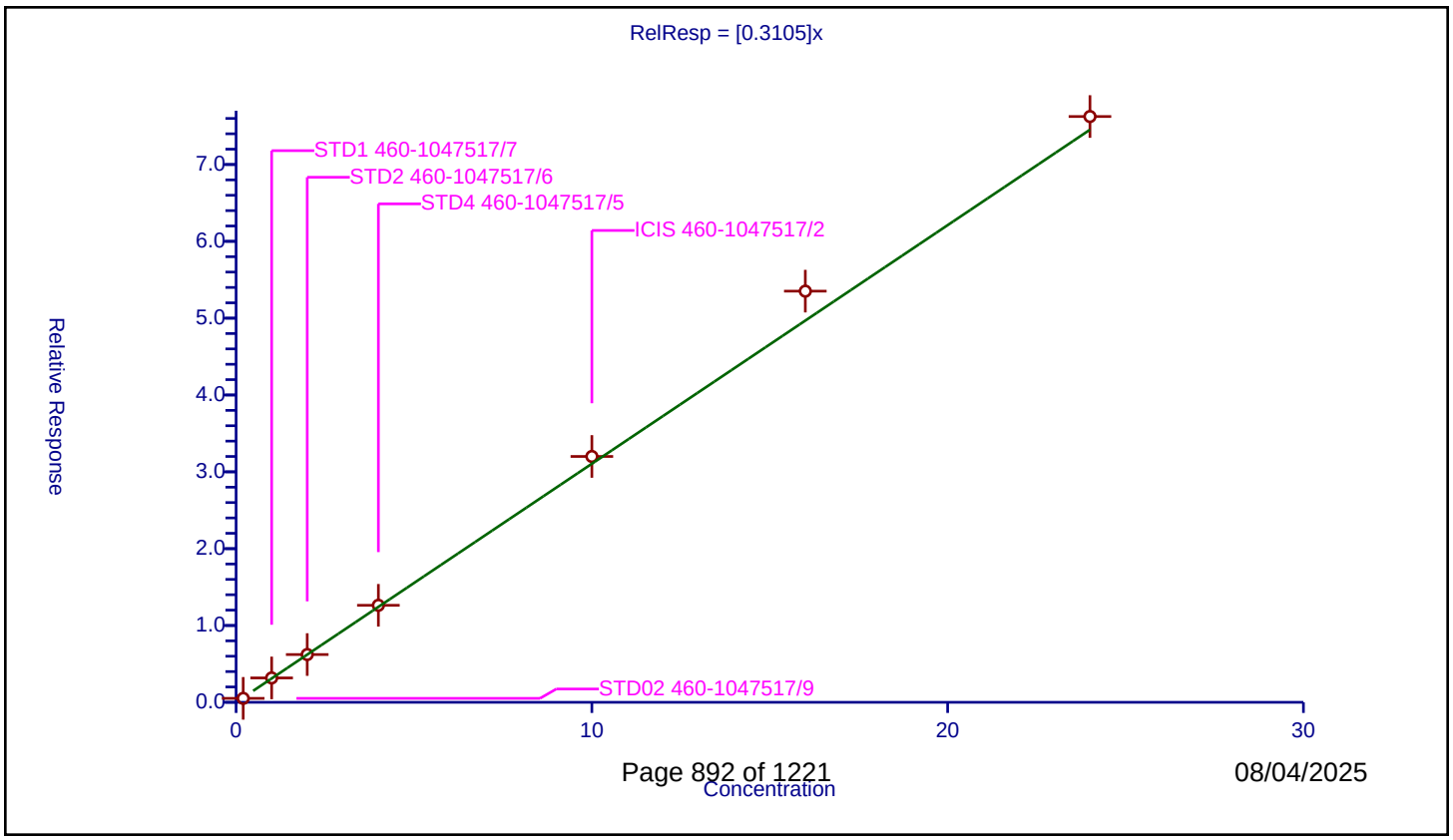
Curve Coefficients

Intercept:	0
Slope:	0.3105

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.051505	8.0	1493767.0	0.257523	Y
2	STD1 460-1047517/7	1.0	0.317478	8.0	1452346.0	0.317478	Y
3	STD2 460-1047517/6	2.0	0.621757	8.0	1396199.0	0.310878	Y
4	STD4 460-1047517/5	4.0	1.262801	8.0	1522185.0	0.3157	Y
5	ICIS 460-1047517/2	10.0	3.200033	8.0	1433505.0	0.320003	Y
6	STD16 460-1047517/4	16.0	5.351785	8.0	1202298.0	0.334487	Y
7	STD24 460-1047517/3	24.0	7.624936	8.0	1196936.0	0.317706	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

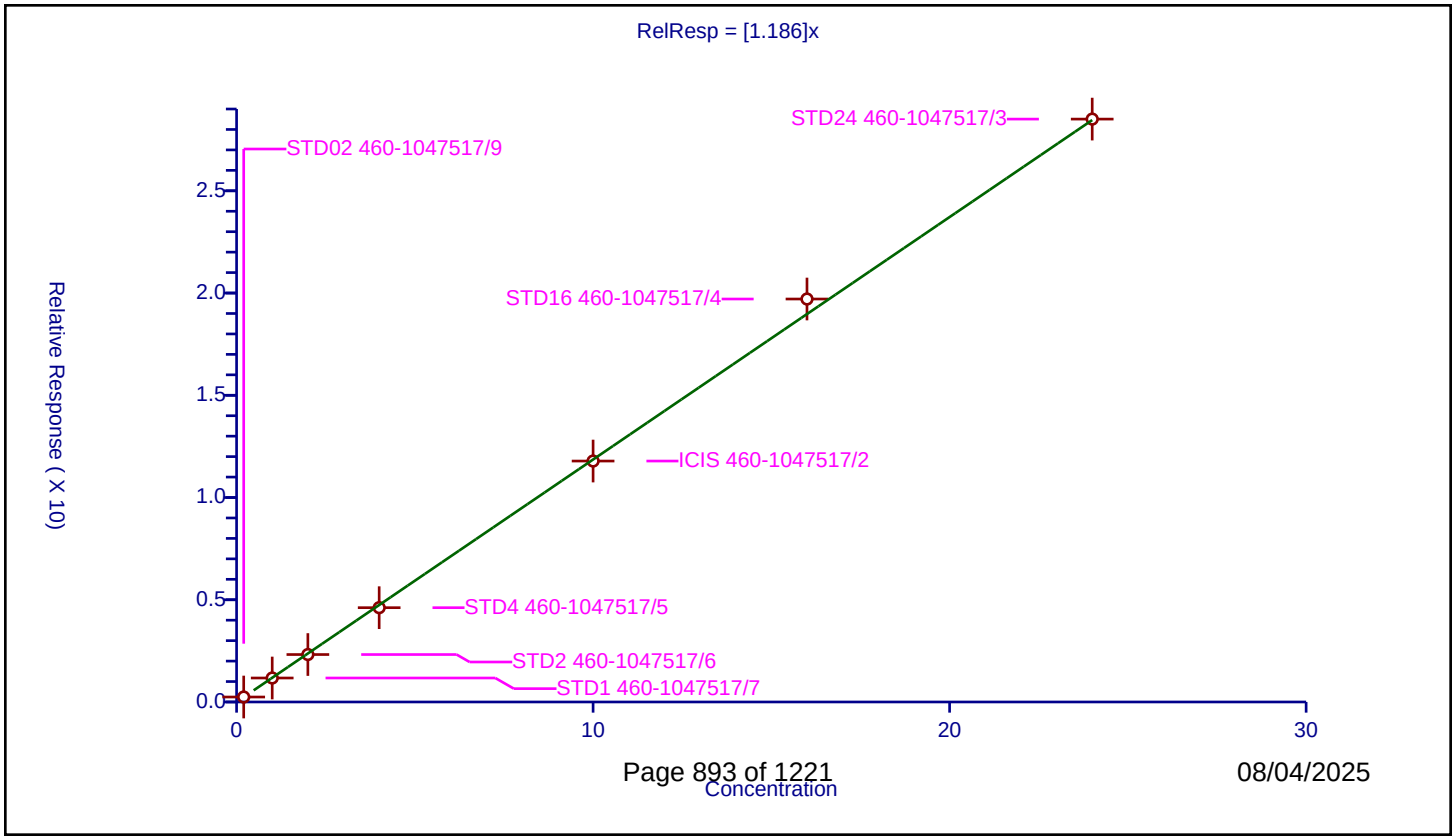
Curve Coefficients

Intercept:	0
Slope:	1.186

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.243374	8.0	1493767.0	1.21687	Y
2	STD1 460-1047517/7	1.0	1.172553	8.0	1452346.0	1.172553	Y
3	STD2 460-1047517/6	2.0	2.320351	8.0	1396199.0	1.160176	Y
4	STD4 460-1047517/5	4.0	4.612606	8.0	1522185.0	1.153152	Y
5	ICIS 460-1047517/2	10.0	11.78433	8.0	1433505.0	1.178433	Y
6	STD16 460-1047517/4	16.0	19.707227	8.0	1202298.0	1.231702	Y
7	STD24 460-1047517/3	24.0	28.507088	8.0	1196936.0	1.187795	Y



Calibration / 3,5-di-tert-butyl-4-hydroxytol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

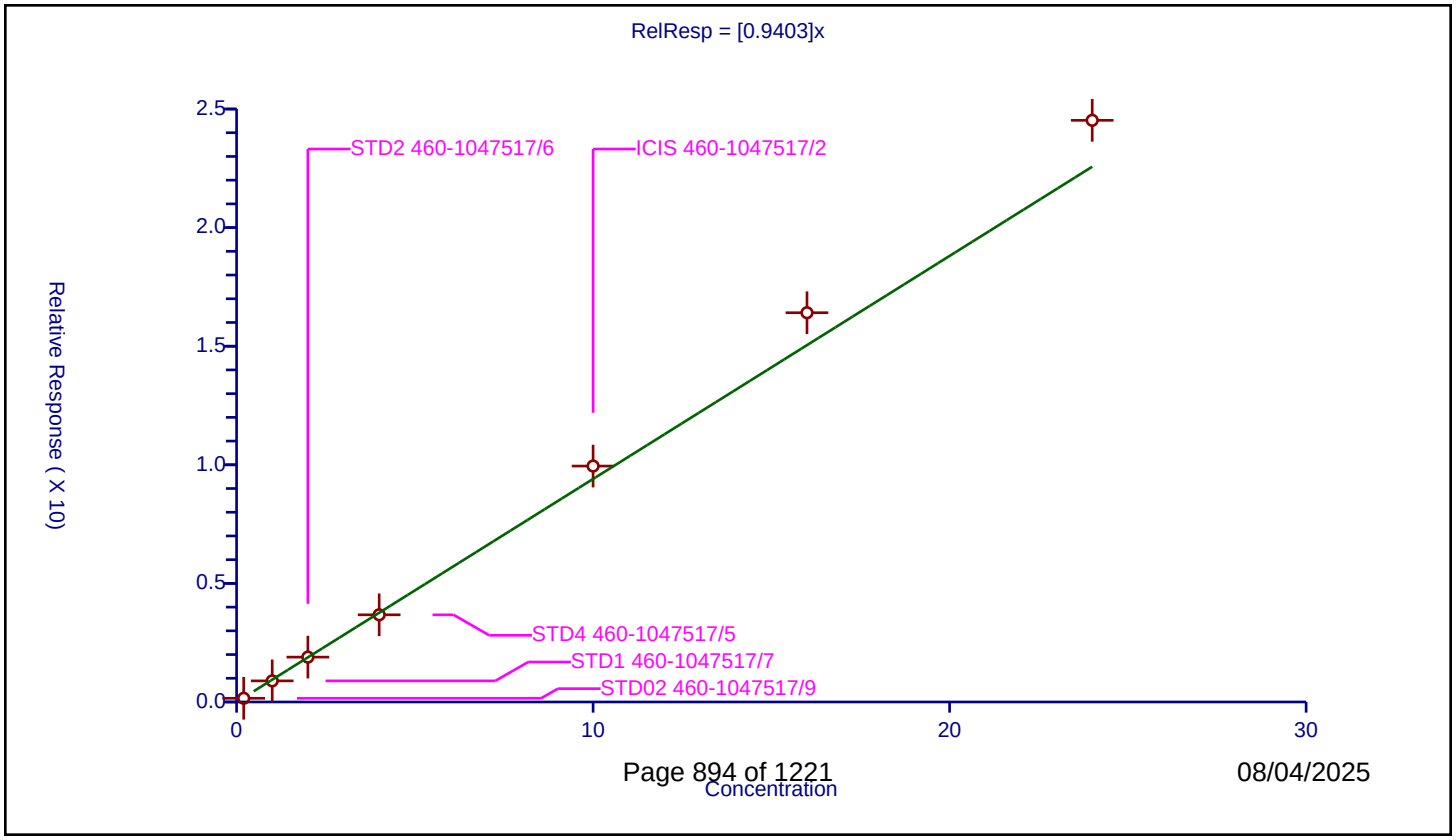
Curve Coefficients

Intercept:	0
Slope:	0.9403

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.156972	8.0	1493767.0	0.784861	Y
2	STD1 460-1047517/7	1.0	0.889959	8.0	1452346.0	0.889959	Y
3	STD2 460-1047517/6	2.0	1.891902	8.0	1396199.0	0.945951	Y
4	STD4 460-1047517/5	4.0	3.676179	8.0	1522185.0	0.919045	Y
5	ICIS 460-1047517/2	10.0	9.946809	8.0	1433505.0	0.994681	Y
6	STD16 460-1047517/4	16.0	16.411159	8.0	1202298.0	1.025697	Y
7	STD24 460-1047517/3	24.0	24.523457	8.0	1196936.0	1.021811	Y



Calibration / 2,4-Dinitrophenol

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

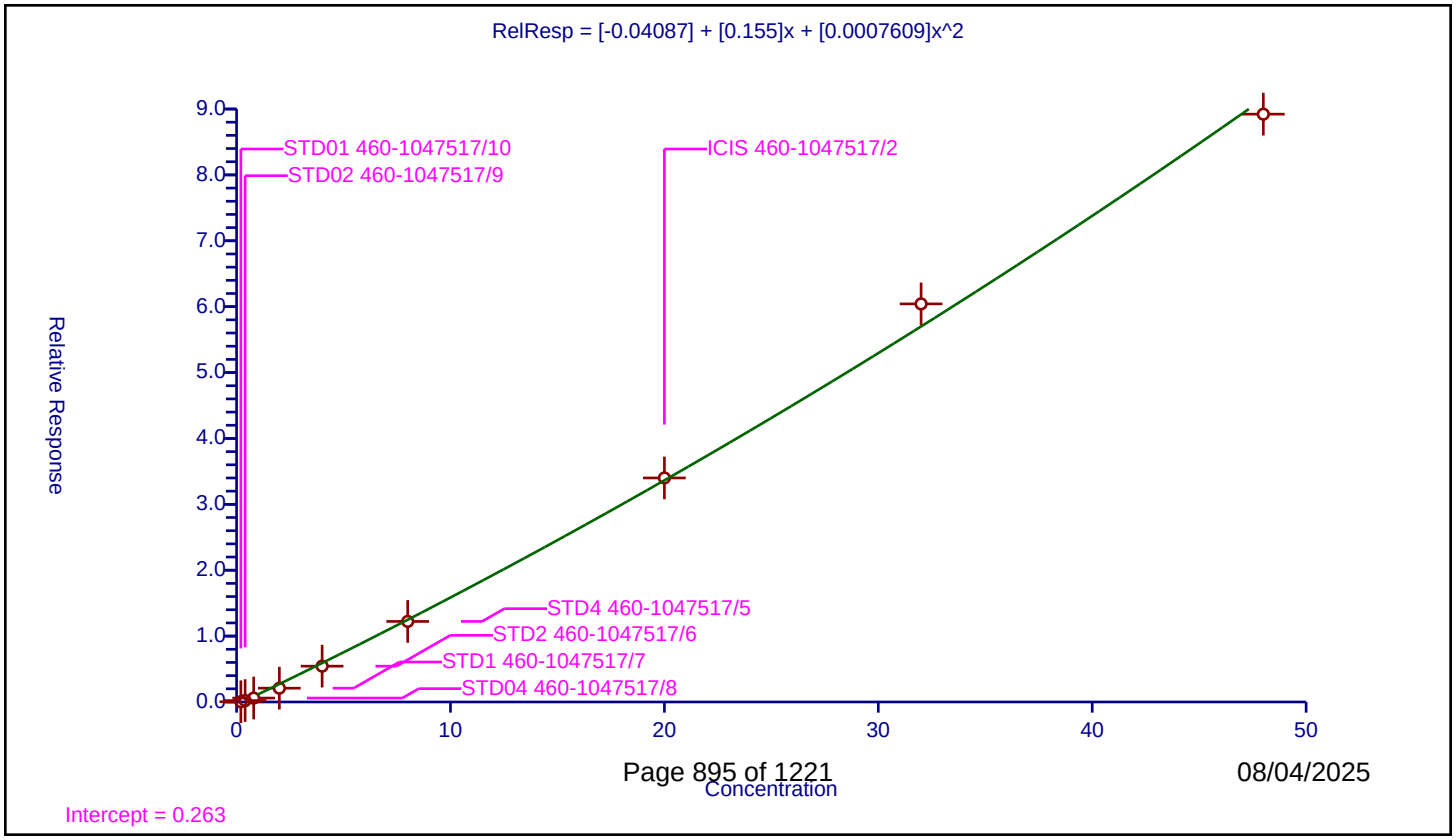
Curve Coefficients

Intercept:	-0.04087
Slope:	0.155
Second Order:	0.0007609

Error Coefficients

Relative Standard Deviation:	21.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-1047517/10	0.2	0.003918	8.0	1470202.0	0.019589	Y
2	STD02 460-1047517/9	0.4	0.021305	8.0	1493767.0	0.053261	Y
3	STD04 460-1047517/8	0.8	0.059709	8.0	1496737.0	0.074636	Y
4	STD1 460-1047517/7	2.0	0.209328	8.0	1452346.0	0.104664	Y
5	STD2 460-1047517/6	4.0	0.543642	8.0	1396199.0	0.13591	Y
6	STD4 460-1047517/5	8.0	1.222495	8.0	1522185.0	0.152812	Y
7	ICIS 460-1047517/2	20.0	3.400432	8.0	1433505.0	0.170022	Y
8	STD16 460-1047517/4	32.0	6.042229	8.0	1202298.0	0.18882	Y
9	STD24 460-1047517/3	48.0	8.921894	8.0	1196936.0	0.185873	Y



Calibration / 4-Nitrophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

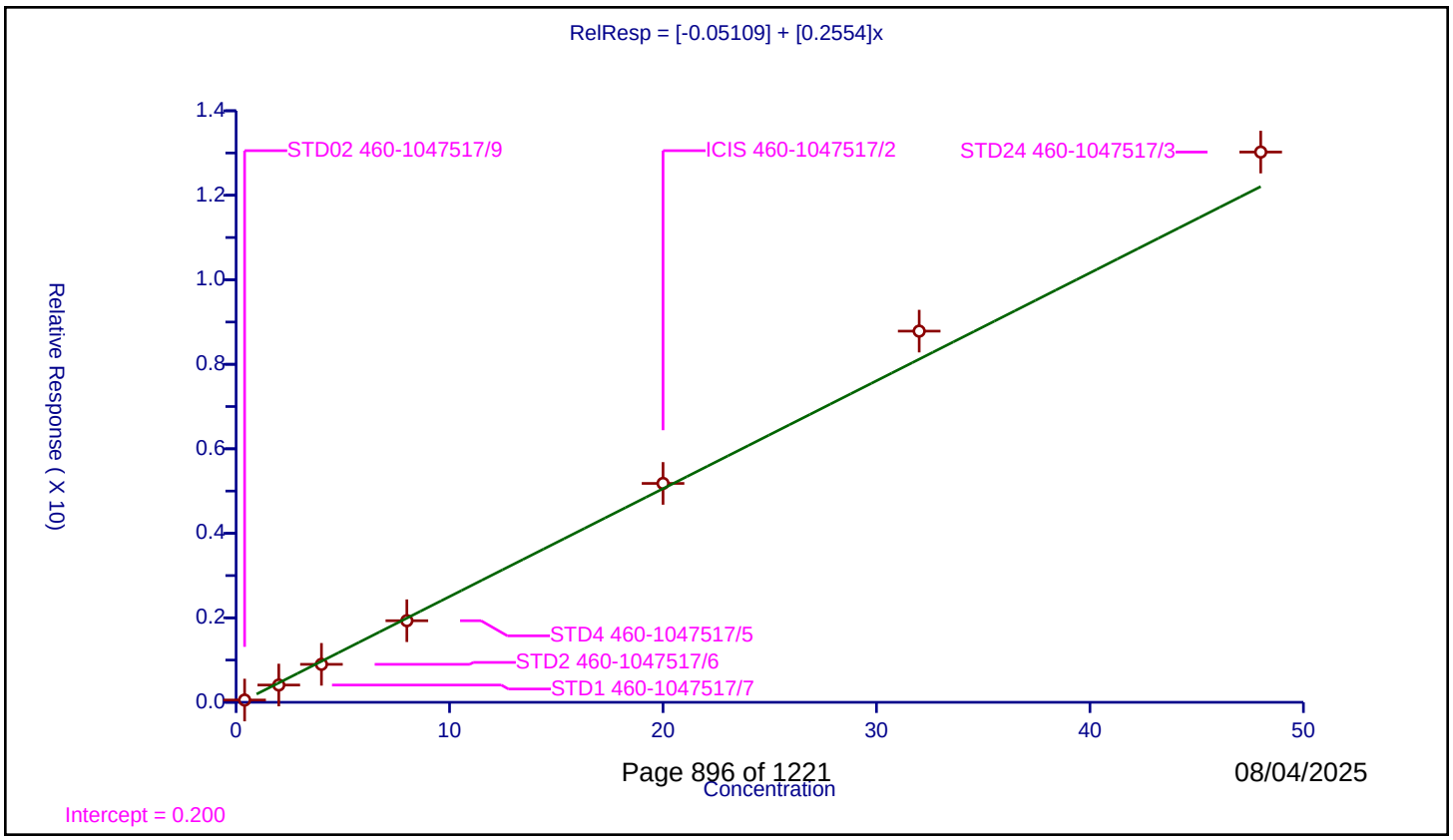
Curve Coefficients

Intercept:	-0.05109
Slope:	0.2554

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.4	0.053727	8.0	1493767.0	0.134318	Y
2	STD1 460-1047517/7	2.0	0.409049	8.0	1452346.0	0.204524	Y
3	STD2 460-1047517/6	4.0	0.898984	8.0	1396199.0	0.224746	Y
4	STD4 460-1047517/5	8.0	1.931161	8.0	1522185.0	0.241395	Y
5	ICIS 460-1047517/2	20.0	5.18065	8.0	1433505.0	0.259033	Y
6	STD16 460-1047517/4	32.0	8.784391	8.0	1202298.0	0.274512	Y
7	STD24 460-1047517/3	48.0	13.02211	8.0	1196936.0	0.271294	Y



Calibration / Dibenzofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

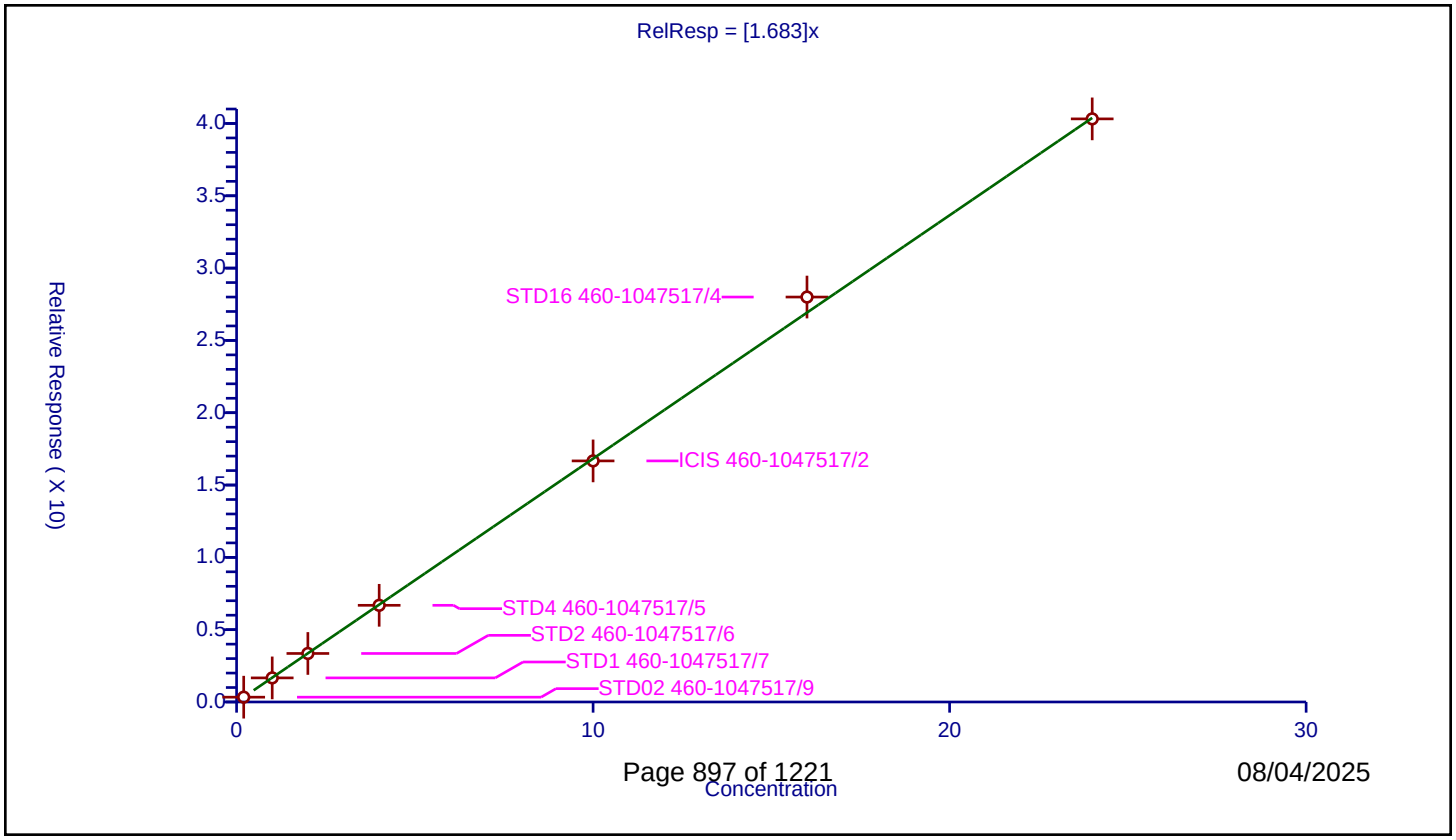
Curve Coefficients

Intercept:	0
Slope:	1.683

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.333669	8.0	1493767.0	1.668346	Y
2	STD1 460-1047517/7	1.0	1.665394	8.0	1452346.0	1.665394	Y
3	STD2 460-1047517/6	2.0	3.354164	8.0	1396199.0	1.677082	Y
4	STD4 460-1047517/5	4.0	6.684181	8.0	1522185.0	1.671045	Y
5	ICIS 460-1047517/2	10.0	16.668119	8.0	1433505.0	1.666812	Y
6	STD16 460-1047517/4	16.0	27.999009	8.0	1202298.0	1.749938	Y
7	STD24 460-1047517/3	24.0	40.3184	8.0	1196936.0	1.679933	Y



Calibration / 2,4-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

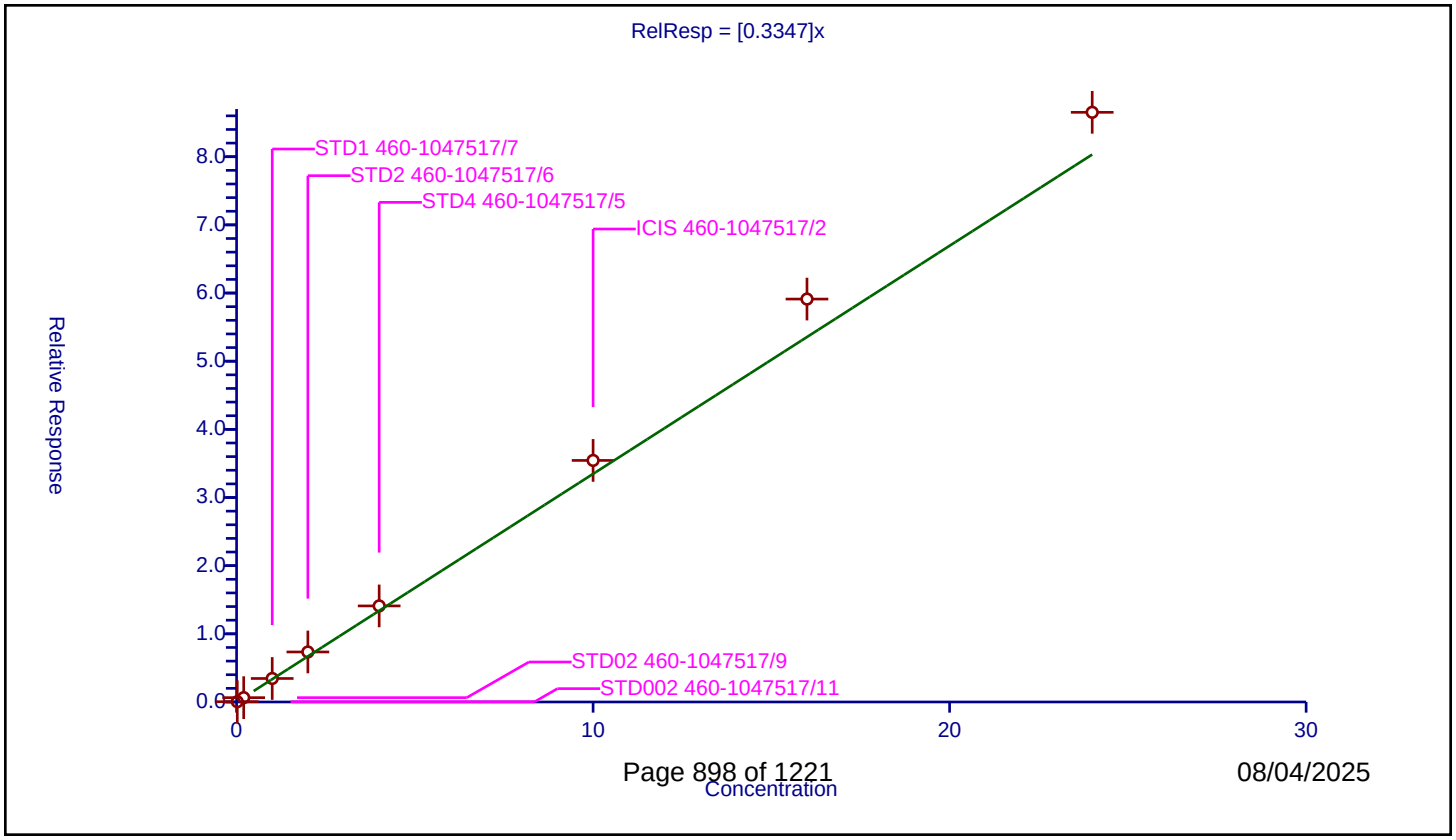
Curve Coefficients

Intercept:	0
Slope:	0.3347

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.004207	8.0	1443398.0	0.210337	Y
2	STD02 460-1047517/9	0.2	0.063705	8.0	1493767.0	0.318524	Y
3	STD1 460-1047517/7	1.0	0.34491	8.0	1452346.0	0.34491	Y
4	STD2 460-1047517/6	2.0	0.733804	8.0	1396199.0	0.366902	Y
5	STD4 460-1047517/5	4.0	1.409653	8.0	1522185.0	0.352413	Y
6	ICIS 460-1047517/2	10.0	3.543963	8.0	1433505.0	0.354396	Y
7	STD16 460-1047517/4	16.0	5.911446	8.0	1202298.0	0.369465	Y
8	STD24 460-1047517/3	24.0	8.651504	8.0	1196936.0	0.360479	Y



Calibration / 2,3,4,6-Tetrachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

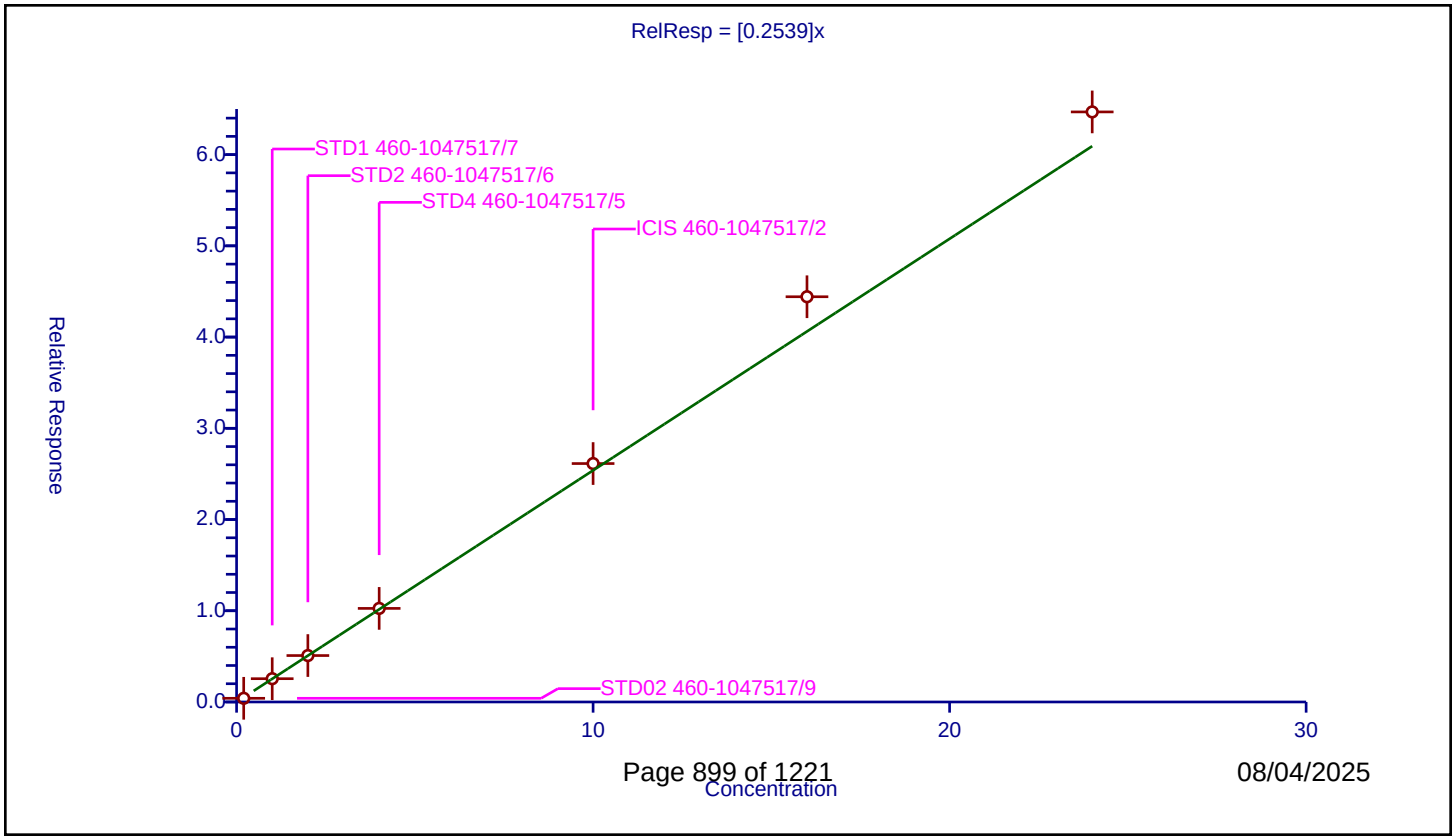
Curve Coefficients

Intercept:	0
Slope:	0.2539

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.040451	8.0	1493767.0	0.202254	Y
2	STD1 460-1047517/7	1.0	0.255344	8.0	1452346.0	0.255344	Y
3	STD2 460-1047517/6	2.0	0.508942	8.0	1396199.0	0.254471	Y
4	STD4 460-1047517/5	4.0	1.025962	8.0	1522185.0	0.256491	Y
5	ICIS 460-1047517/2	10.0	2.613611	8.0	1433505.0	0.261361	Y
6	STD16 460-1047517/4	16.0	4.44218	8.0	1202298.0	0.277636	Y
7	STD24 460-1047517/3	24.0	6.468135	8.0	1196936.0	0.269506	Y



Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

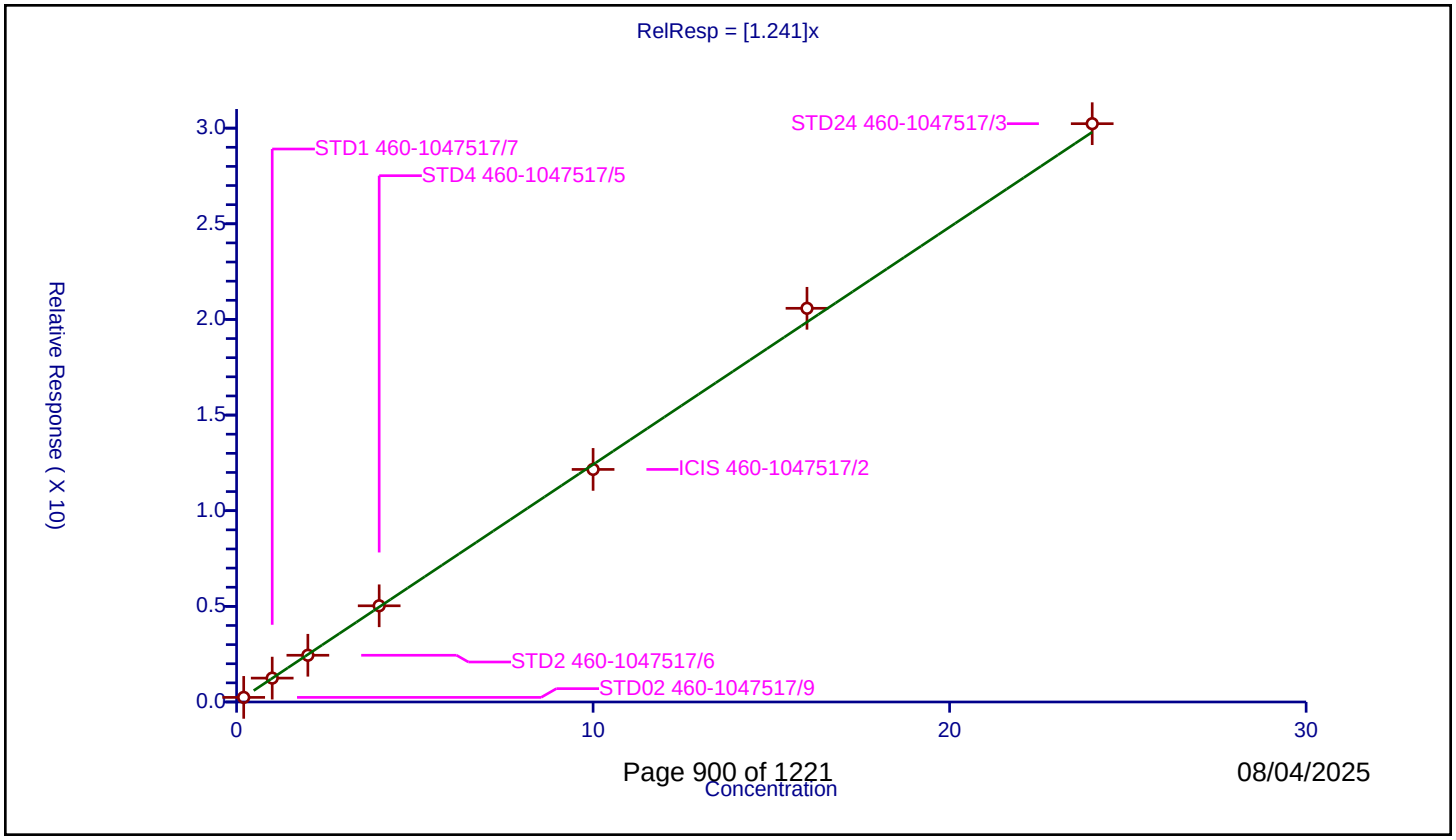
Curve Coefficients

Intercept:	0
Slope:	1.241

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.240112	8.0	1493767.0	1.200562	Y
2	STD1 460-1047517/7	1.0	1.247895	8.0	1452346.0	1.247895	Y
3	STD2 460-1047517/6	2.0	2.443445	8.0	1396199.0	1.221723	Y
4	STD4 460-1047517/5	4.0	5.029565	8.0	1522185.0	1.257391	Y
5	ICIS 460-1047517/2	10.0	12.159243	8.0	1433505.0	1.215924	Y
6	STD16 460-1047517/4	16.0	20.581906	8.0	1202298.0	1.286369	Y
7	STD24 460-1047517/3	24.0	30.233262	8.0	1196936.0	1.259719	Y



Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

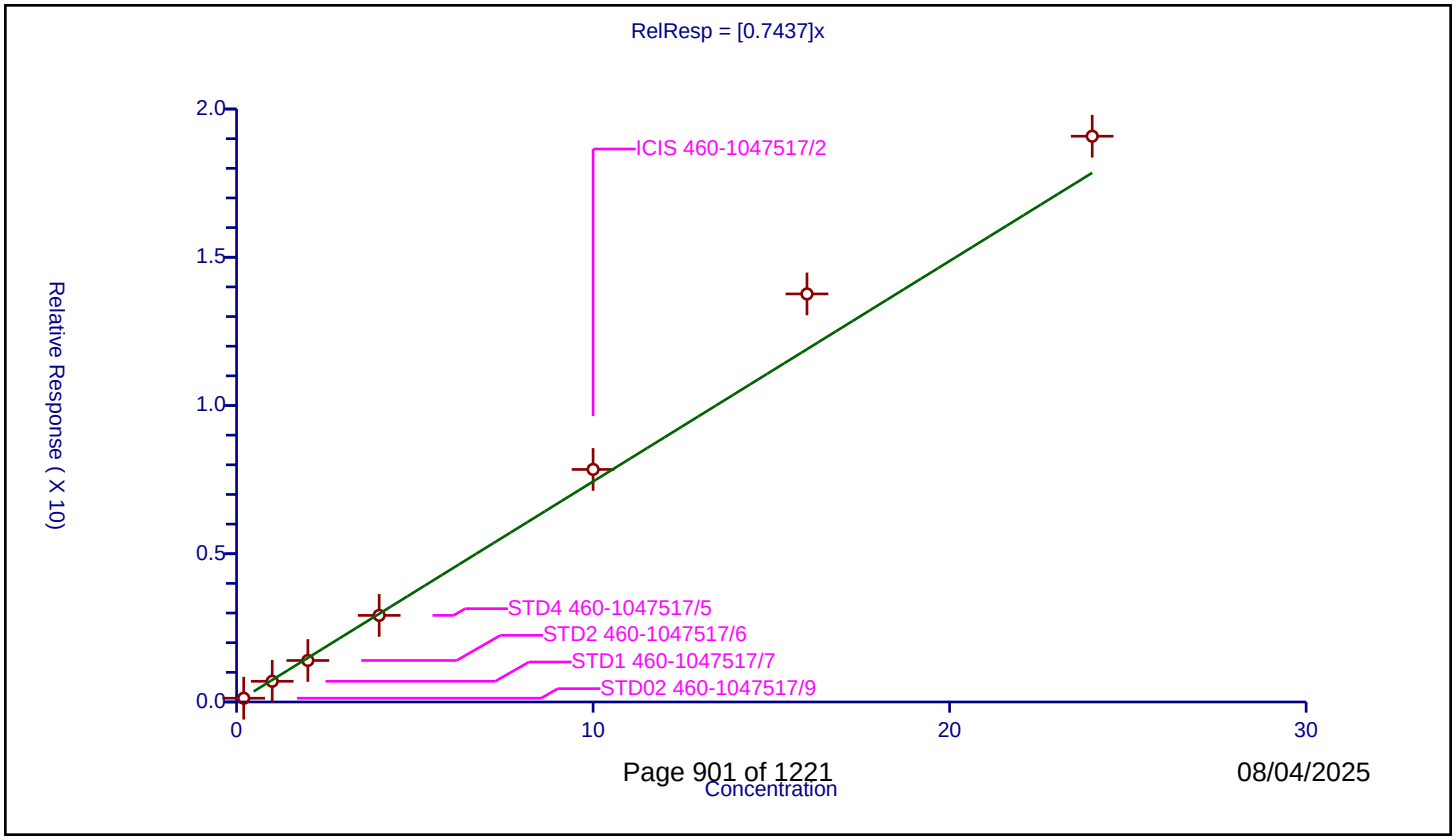
Curve Coefficients

Intercept:	0
Slope:	0.7437

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.127459	8.0	2318541.0	0.637297	Y
2	STD1 460-1047517/7	1.0	0.69835	8.0	2180968.0	0.69835	Y
3	STD2 460-1047517/6	2.0	1.39996	8.0	2080408.0	0.69998	Y
4	STD4 460-1047517/5	4.0	2.921287	8.0	2198546.0	0.730322	Y
5	ICIS 460-1047517/2	10.0	7.843683	8.0	2051427.0	0.784368	Y
6	STD16 460-1047517/4	16.0	13.763664	8.0	1666816.0	0.860229	Y
7	STD24 460-1047517/3	24.0	19.082198	8.0	1712295.0	0.795092	Y



Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

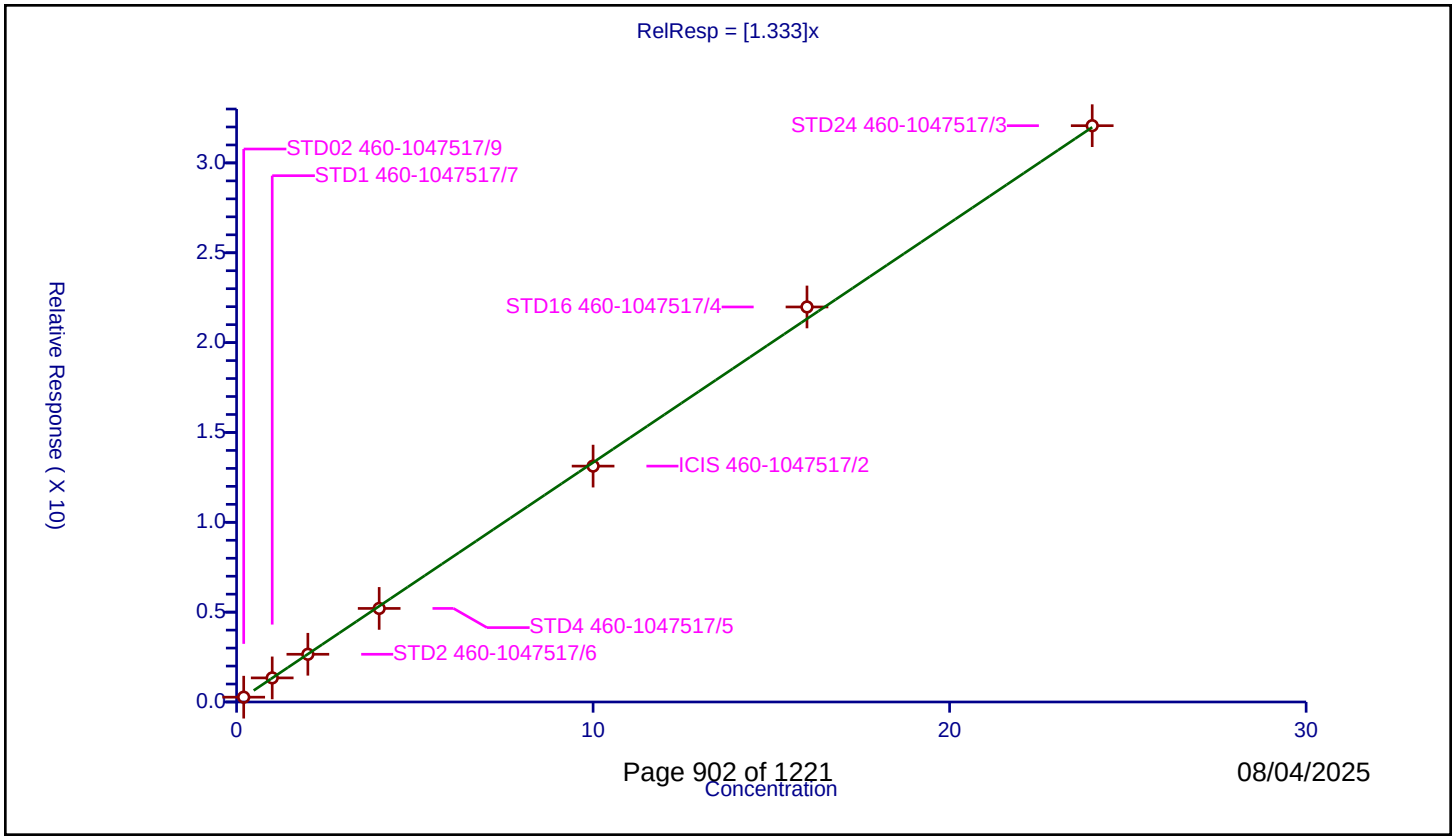
Curve Coefficients

Intercept:	0
Slope:	1.333

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.267249	8.0	1493767.0	1.336246	Y
2	STD1 460-1047517/7	1.0	1.340777	8.0	1452346.0	1.340777	Y
3	STD2 460-1047517/6	2.0	2.65514	8.0	1396199.0	1.32757	Y
4	STD4 460-1047517/5	4.0	5.206295	8.0	1522185.0	1.301574	Y
5	ICIS 460-1047517/2	10.0	13.12765	8.0	1433505.0	1.312765	Y
6	STD16 460-1047517/4	16.0	21.983575	8.0	1202298.0	1.373973	Y
7	STD24 460-1047517/3	24.0	32.073093	8.0	1196936.0	1.336379	Y



Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

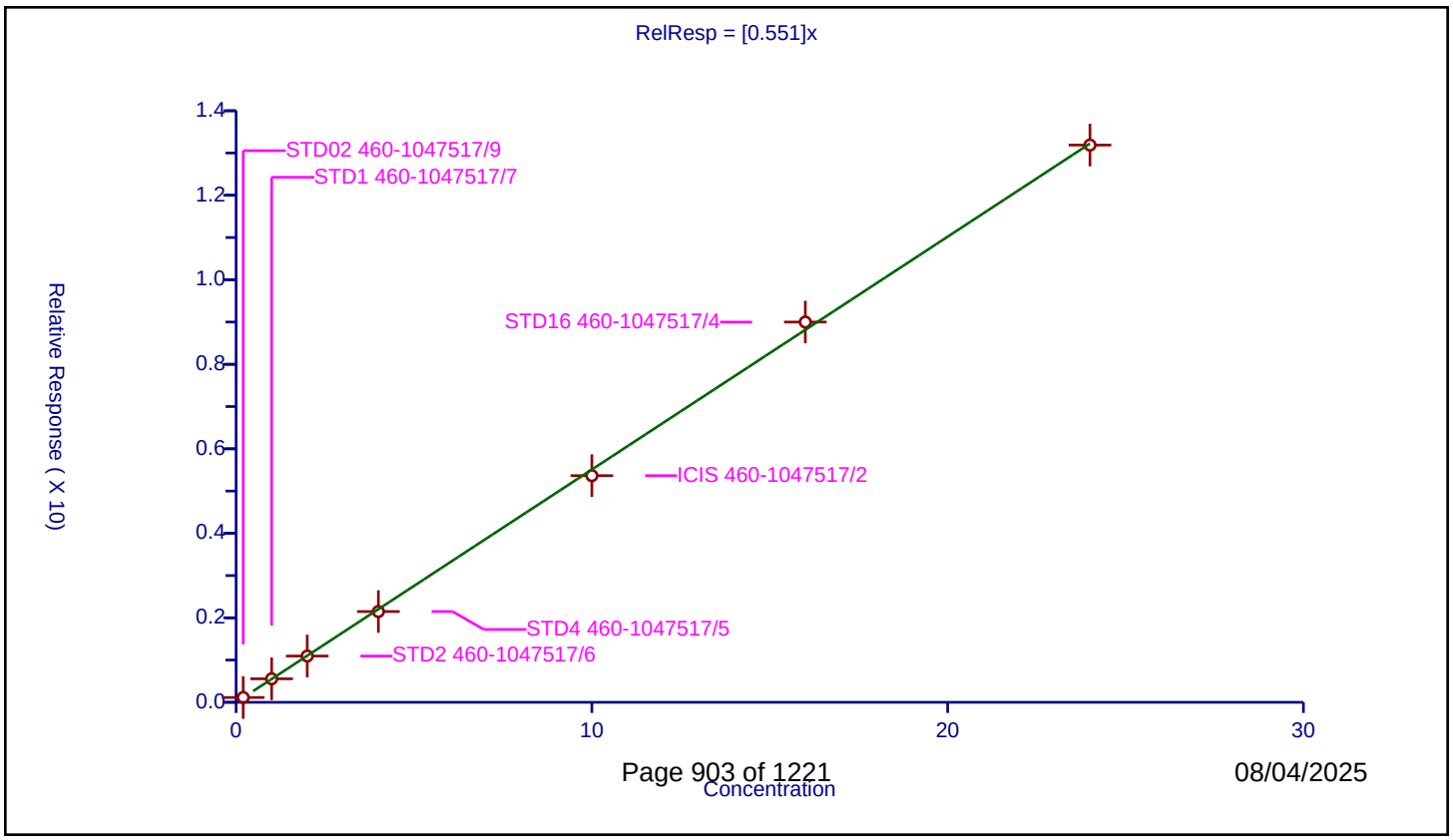
Curve Coefficients

Intercept:	0
Slope:	0.551

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.113544	8.0	1493767.0	0.567719	Y
2	STD1 460-1047517/7	1.0	0.556198	8.0	1452346.0	0.556198	Y
3	STD2 460-1047517/6	2.0	1.094383	8.0	1396199.0	0.547191	Y
4	STD4 460-1047517/5	4.0	2.148648	8.0	1522185.0	0.537162	Y
5	ICIS 460-1047517/2	10.0	5.36458	8.0	1433505.0	0.536458	Y
6	STD16 460-1047517/4	16.0	8.999034	8.0	1202298.0	0.56244	Y
7	STD24 460-1047517/3	24.0	13.188027	8.0	1196936.0	0.549501	Y



Calibration / 4-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

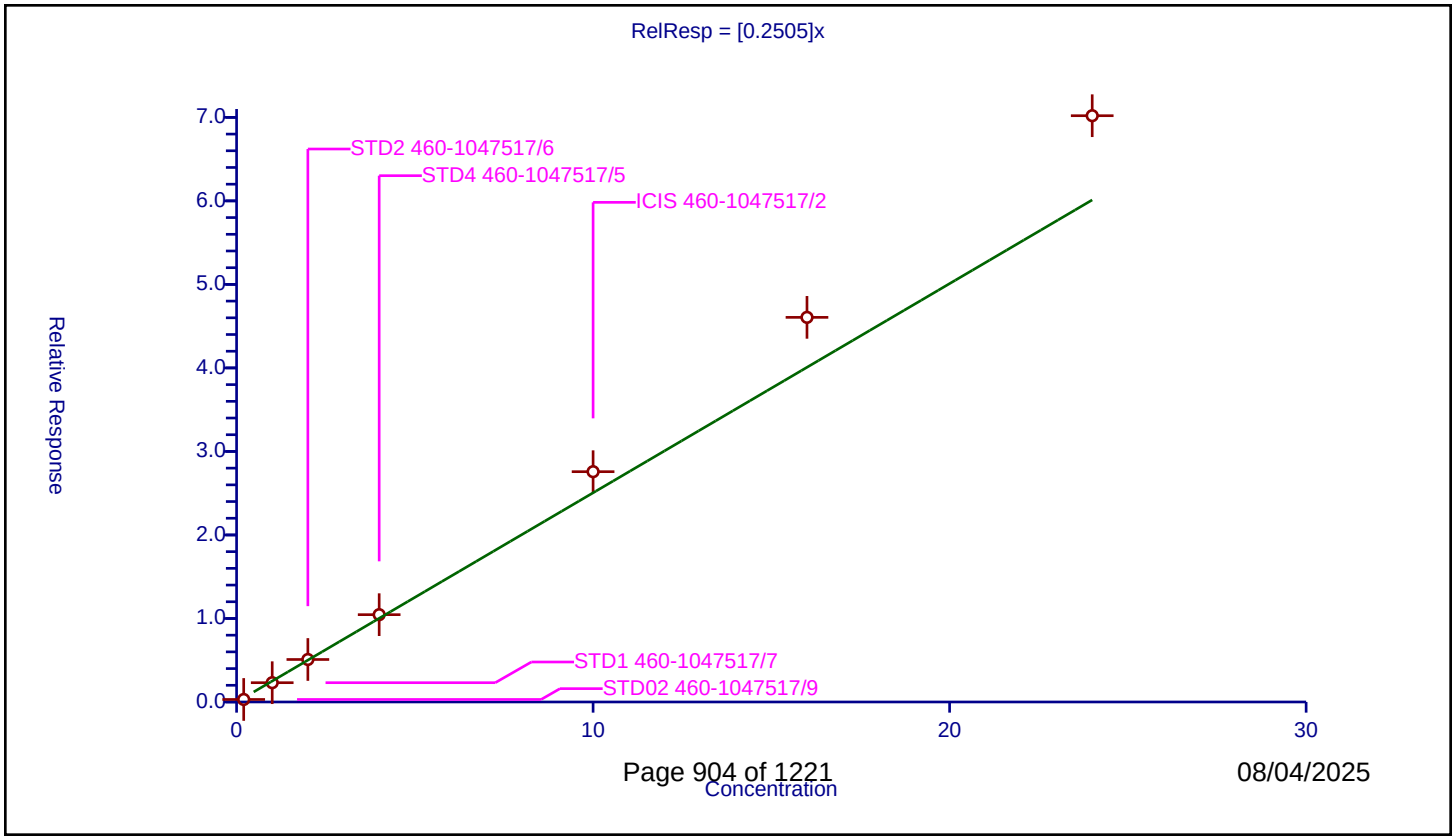
Curve Coefficients

Intercept:	0
Slope:	0.2505

Error Coefficients

Relative Standard Deviation:	19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.030034	8.0	1493767.0	0.150171	Y
2	STD1 460-1047517/7	1.0	0.231163	8.0	1452346.0	0.231163	Y
3	STD2 460-1047517/6	2.0	0.508776	8.0	1396199.0	0.254388	Y
4	STD4 460-1047517/5	4.0	1.04566	8.0	1522185.0	0.261415	Y
5	ICIS 460-1047517/2	10.0	2.757694	8.0	1433505.0	0.275769	Y
6	STD16 460-1047517/4	16.0	4.6055	8.0	1202298.0	0.287844	Y
7	STD24 460-1047517/3	24.0	7.019851	8.0	1196936.0	0.292494	Y



Calibration / 4,6-Dinitro-2-methylphenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

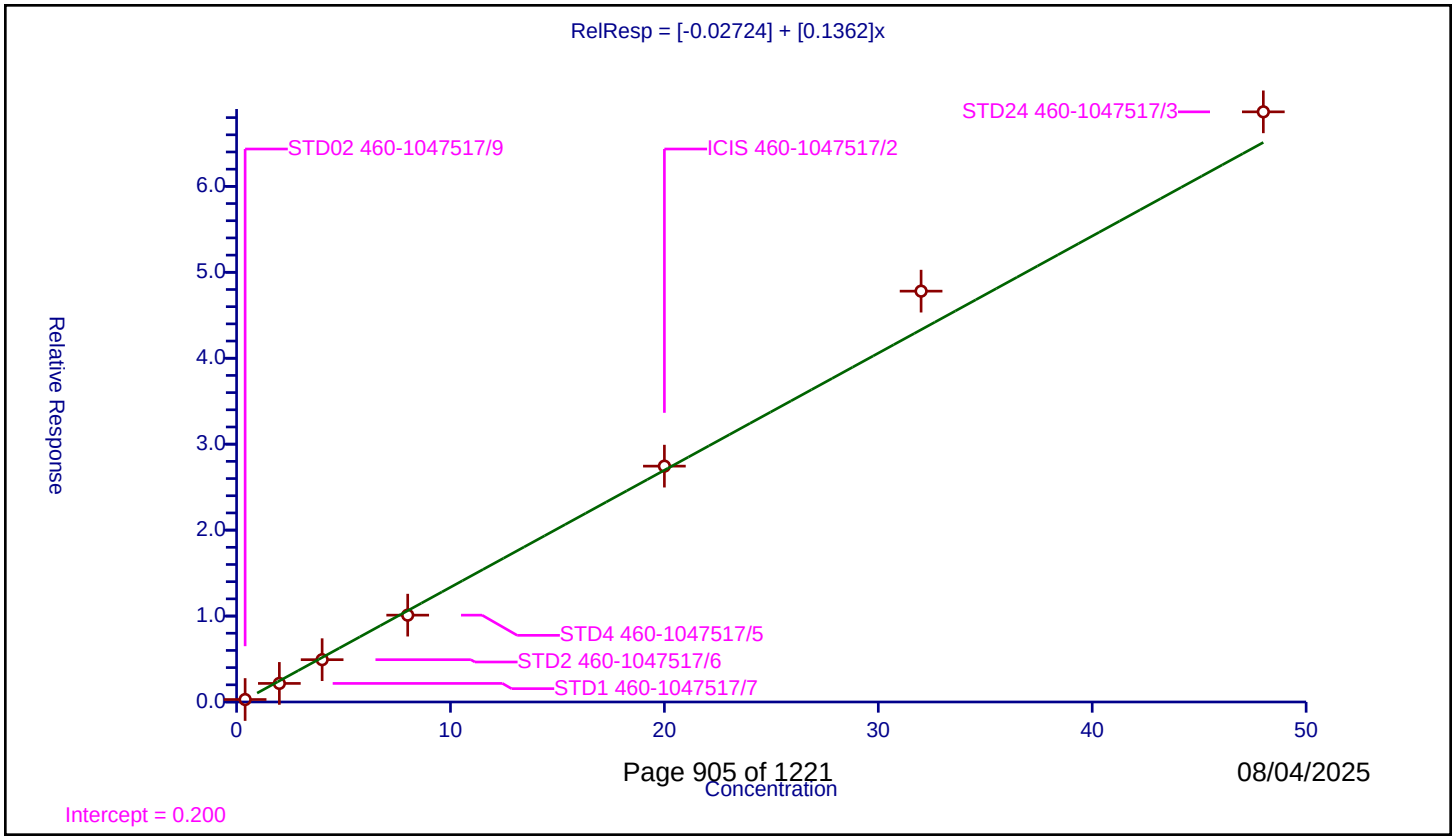
Curve Coefficients

Intercept:	-0.02724
Slope:	0.1362

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.4	0.028684	8.0	2318541.0	0.071709	Y
2	STD1 460-1047517/7	2.0	0.216047	8.0	2180968.0	0.108024	Y
3	STD2 460-1047517/6	4.0	0.492438	8.0	2080408.0	0.12311	Y
4	STD4 460-1047517/5	8.0	1.010355	8.0	2198546.0	0.126294	Y
5	ICIS 460-1047517/2	20.0	2.744591	8.0	2051427.0	0.13723	Y
6	STD16 460-1047517/4	32.0	4.780775	8.0	1666816.0	0.149399	Y
7	STD24 460-1047517/3	48.0	6.867097	8.0	1712295.0	0.143065	Y



Calibration / N-Nitrosodiphenylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

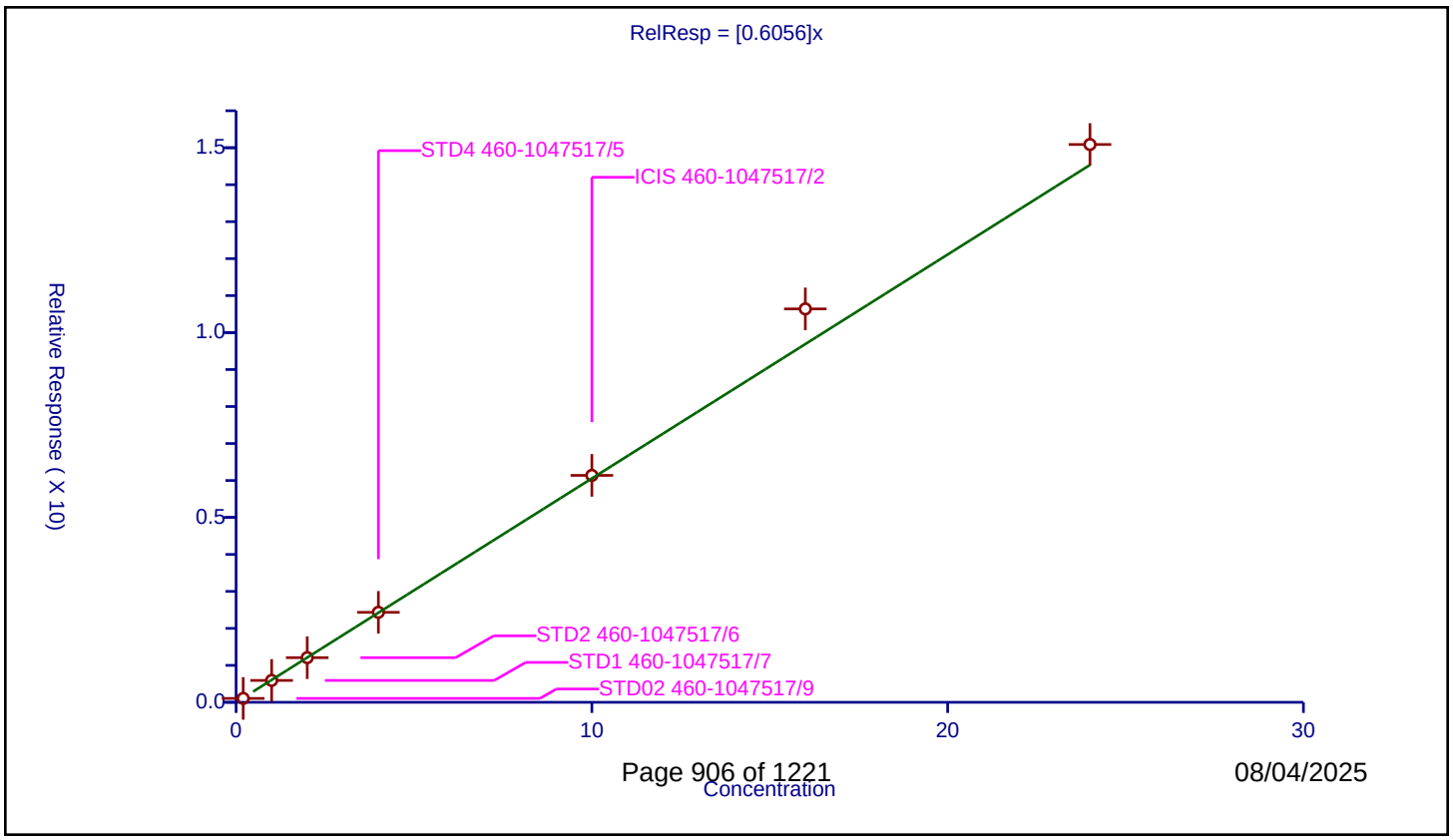
Curve Coefficients

Intercept:	0
Slope:	0.6056

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.105415	8.0	2318541.0	0.527073	Y
2	STD1 460-1047517/7	1.0	0.591851	8.0	2180968.0	0.591851	Y
3	STD2 460-1047517/6	2.0	1.208044	8.0	2080408.0	0.604022	Y
4	STD4 460-1047517/5	4.0	2.434078	8.0	2198546.0	0.608519	Y
5	ICIS 460-1047517/2	10.0	6.137733	8.0	2051427.0	0.613773	Y
6	STD16 460-1047517/4	16.0	10.640435	8.0	1666816.0	0.665027	Y
7	STD24 460-1047517/3	24.0	15.087321	8.0	1712295.0	0.628638	Y



Calibration / 1,2-Diphenylhydrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

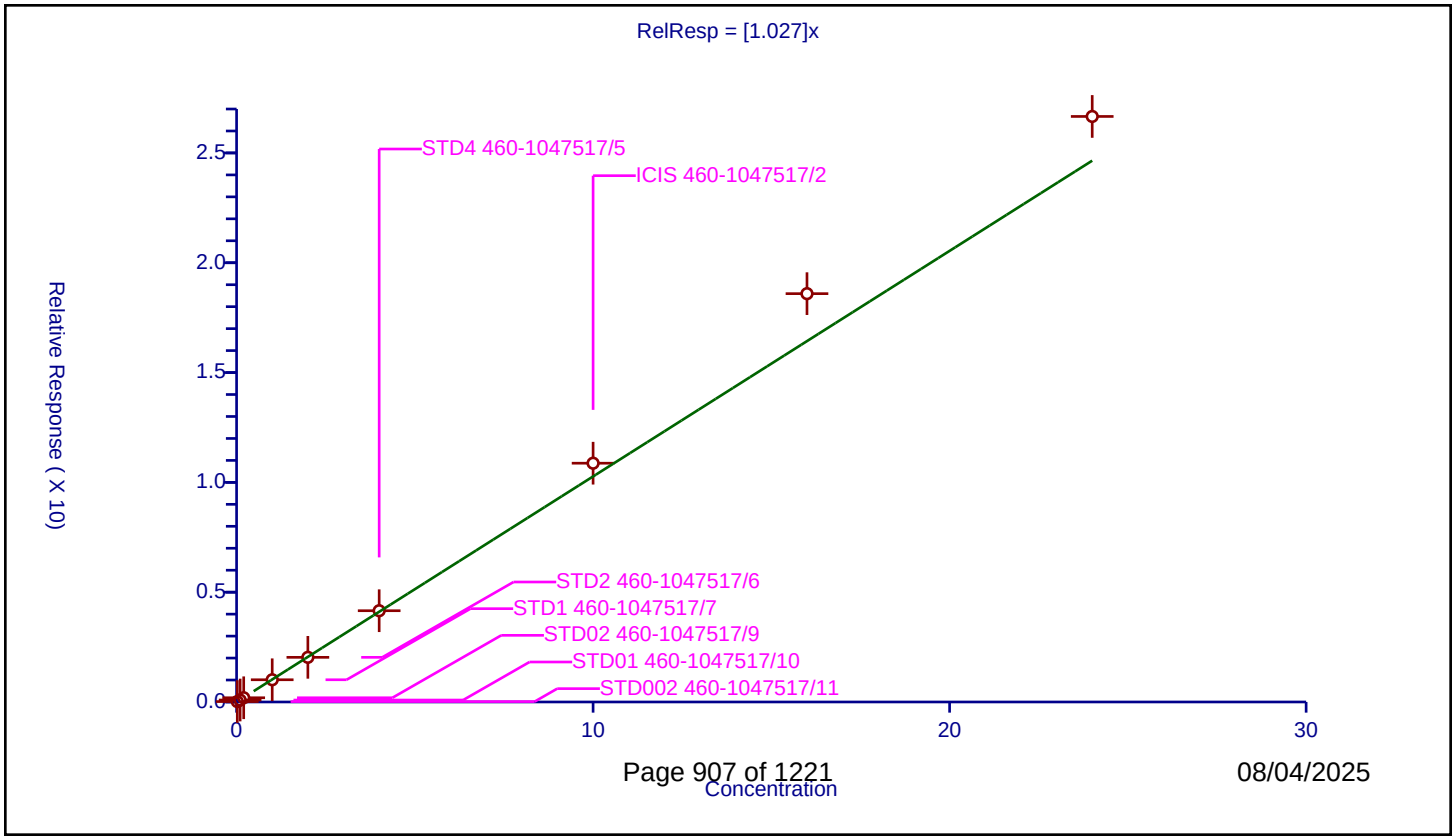
Curve Coefficients

Intercept:	0
Slope:	1.027

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.019335	8.0	2315383.0	0.966752	Y
2	STD01 460-1047517/10	0.1	0.088666	8.0	2328840.0	0.886656	Y
3	STD02 460-1047517/9	0.2	0.192359	8.0	2318541.0	0.961795	Y
4	STD1 460-1047517/7	1.0	1.012174	8.0	2180968.0	1.012174	Y
5	STD2 460-1047517/6	2.0	2.032859	8.0	2080408.0	1.016429	Y
6	STD4 460-1047517/5	4.0	4.155648	8.0	2198546.0	1.038912	Y
7	ICIS 460-1047517/2	10.0	10.872451	8.0	2051427.0	1.087245	Y
8	STD16 460-1047517/4	16.0	18.592406	8.0	1666816.0	1.162025	Y
9	STD24 460-1047517/3	24.0	26.661625	8.0	1712295.0	1.110901	Y



Calibration / Azobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

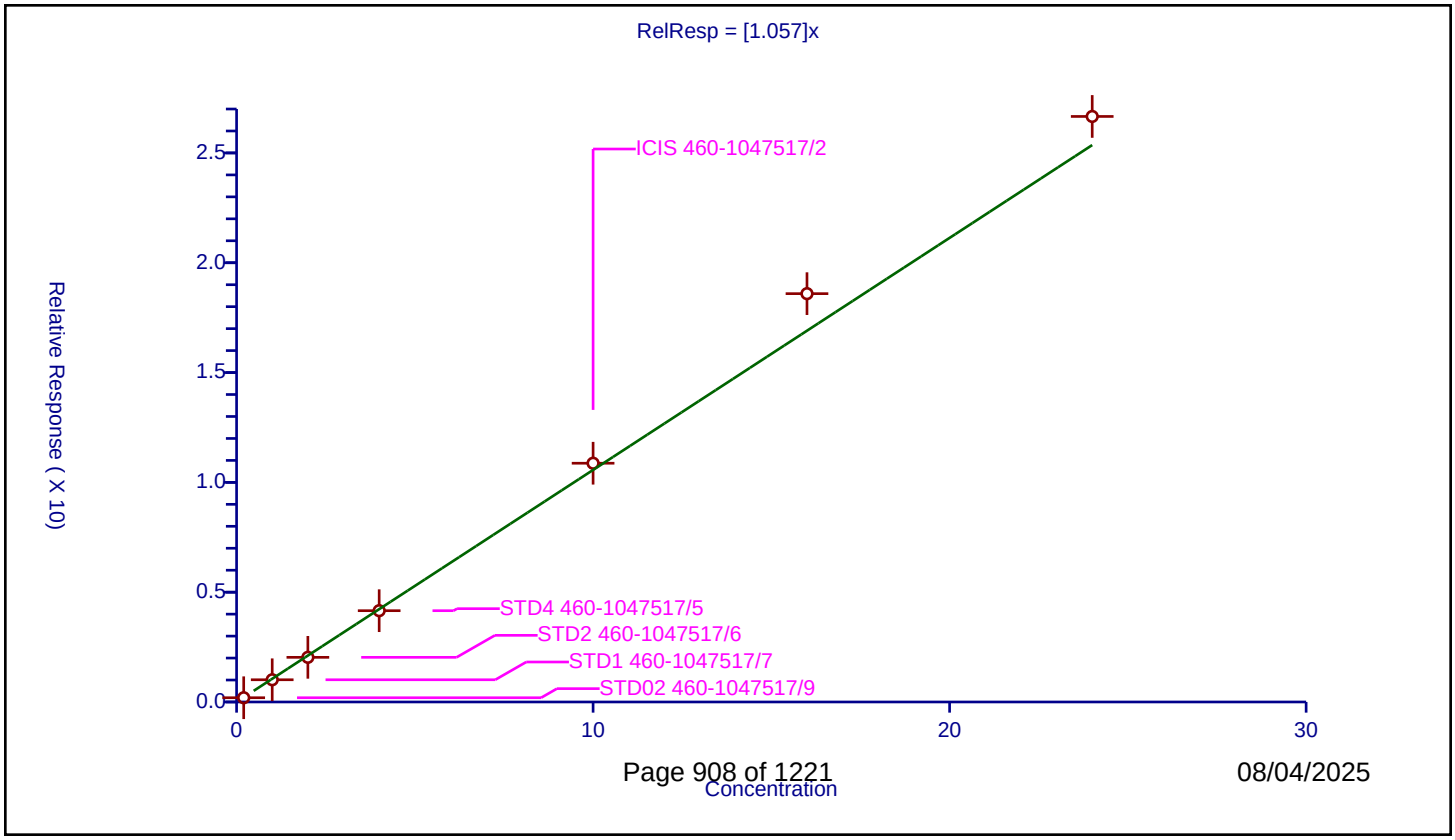
Curve Coefficients

Intercept:	0
Slope:	1.057

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.193632	8.0	2318541.0	0.968161	Y
2	STD1 460-1047517/7	1.0	1.012174	8.0	2180968.0	1.012174	Y
3	STD2 460-1047517/6	2.0	2.032859	8.0	2080408.0	1.016429	Y
4	STD4 460-1047517/5	4.0	4.157071	8.0	2198546.0	1.039268	Y
5	ICIS 460-1047517/2	10.0	10.872092	8.0	2051427.0	1.087209	Y
6	STD16 460-1047517/4	16.0	18.592493	8.0	1666816.0	1.162031	Y
7	STD24 460-1047517/3	24.0	26.661625	8.0	1712295.0	1.110901	Y



Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

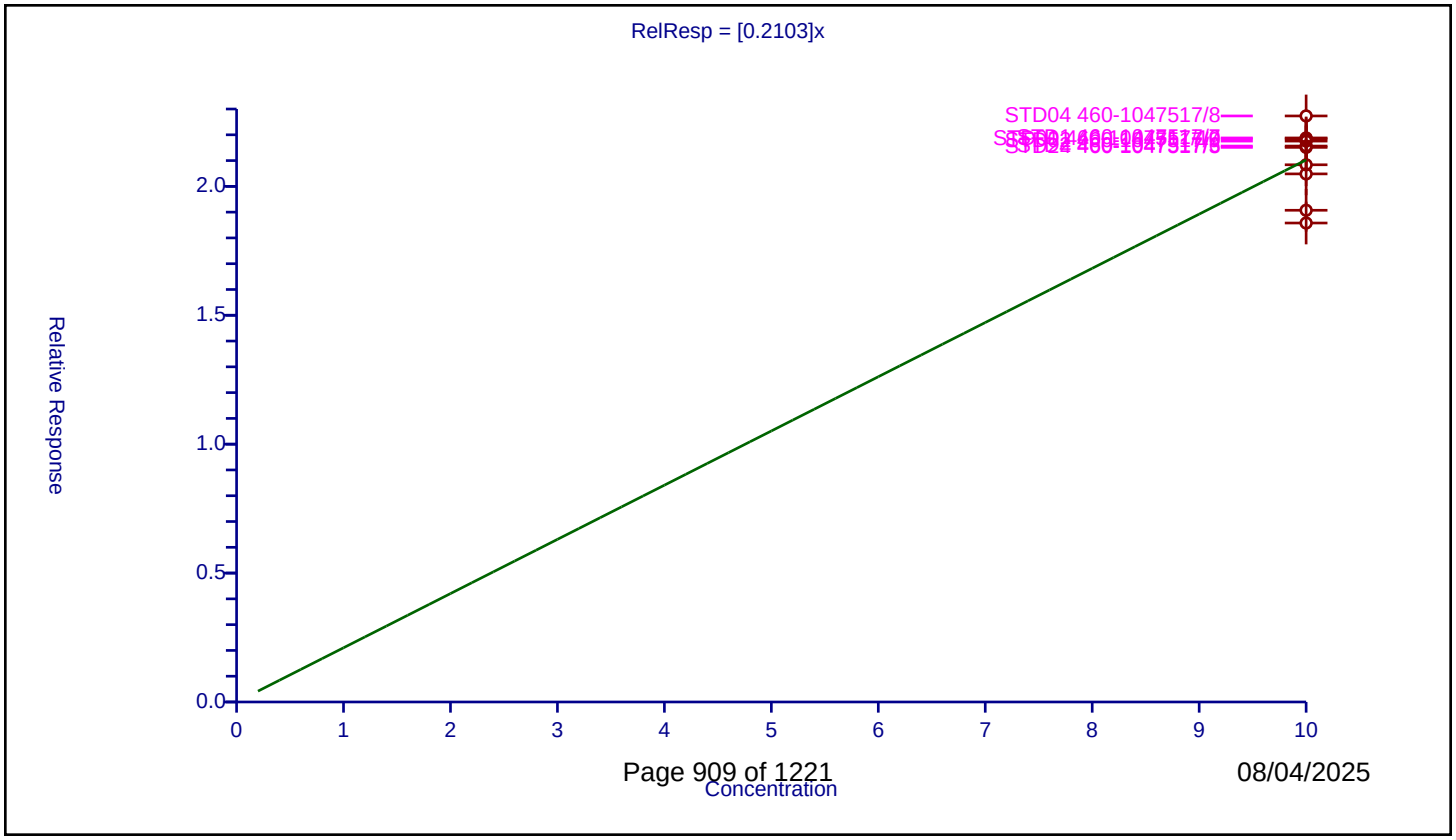
Curve Coefficients

Intercept:	0
Slope:	0.2103

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1047517/2	10.0	1.857818	8.0	1433505.0	0.185782	Y
2	STD24 460-1047517/3	10.0	2.151126	8.0	1196936.0	0.215113	Y
3	STD16 460-1047517/4	10.0	1.907254	8.0	1202298.0	0.190725	Y
4	STD4 460-1047517/5	10.0	2.048334	8.0	1522185.0	0.204833	Y
5	STD2 460-1047517/6	10.0	2.156289	8.0	1396199.0	0.215629	Y
6	STD1 460-1047517/7	10.0	2.187804	8.0	1452346.0	0.21878	Y
7	STD04 460-1047517/8	10.0	2.273115	8.0	1496737.0	0.227312	Y
8	STD02 460-1047517/9	10.0	2.175616	8.0	1493767.0	0.217562	Y
9	STD01 460-1047517/10	10.0	2.184364	8.0	1470202.0	0.218436	Y
10	STD002 460-1047517/11	10.0	2.083705	8.0	1443398.0	0.208371	Y



Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

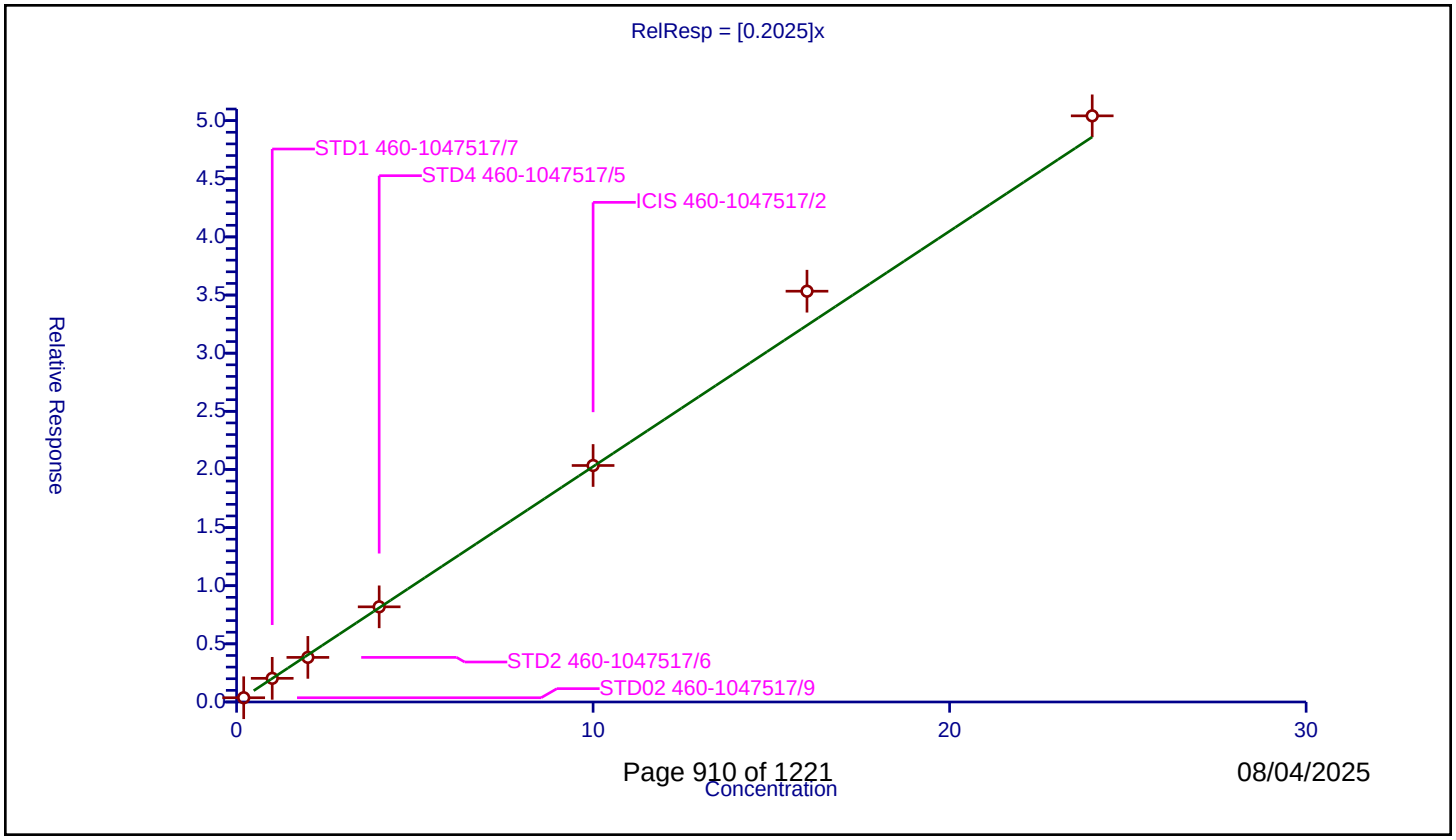
Curve Coefficients

Intercept:	0
Slope:	0.2025

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.036637	8.0	2318541.0	0.183184	Y
2	STD1 460-1047517/7	1.0	0.203469	8.0	2180968.0	0.203469	Y
3	STD2 460-1047517/6	2.0	0.383663	8.0	2080408.0	0.191832	Y
4	STD4 460-1047517/5	4.0	0.818366	8.0	2198546.0	0.204592	Y
5	ICIS 460-1047517/2	10.0	2.034007	8.0	2051427.0	0.203401	Y
6	STD16 460-1047517/4	16.0	3.532959	8.0	1666816.0	0.22081	Y
7	STD24 460-1047517/3	24.0	5.041215	8.0	1712295.0	0.210051	Y



Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

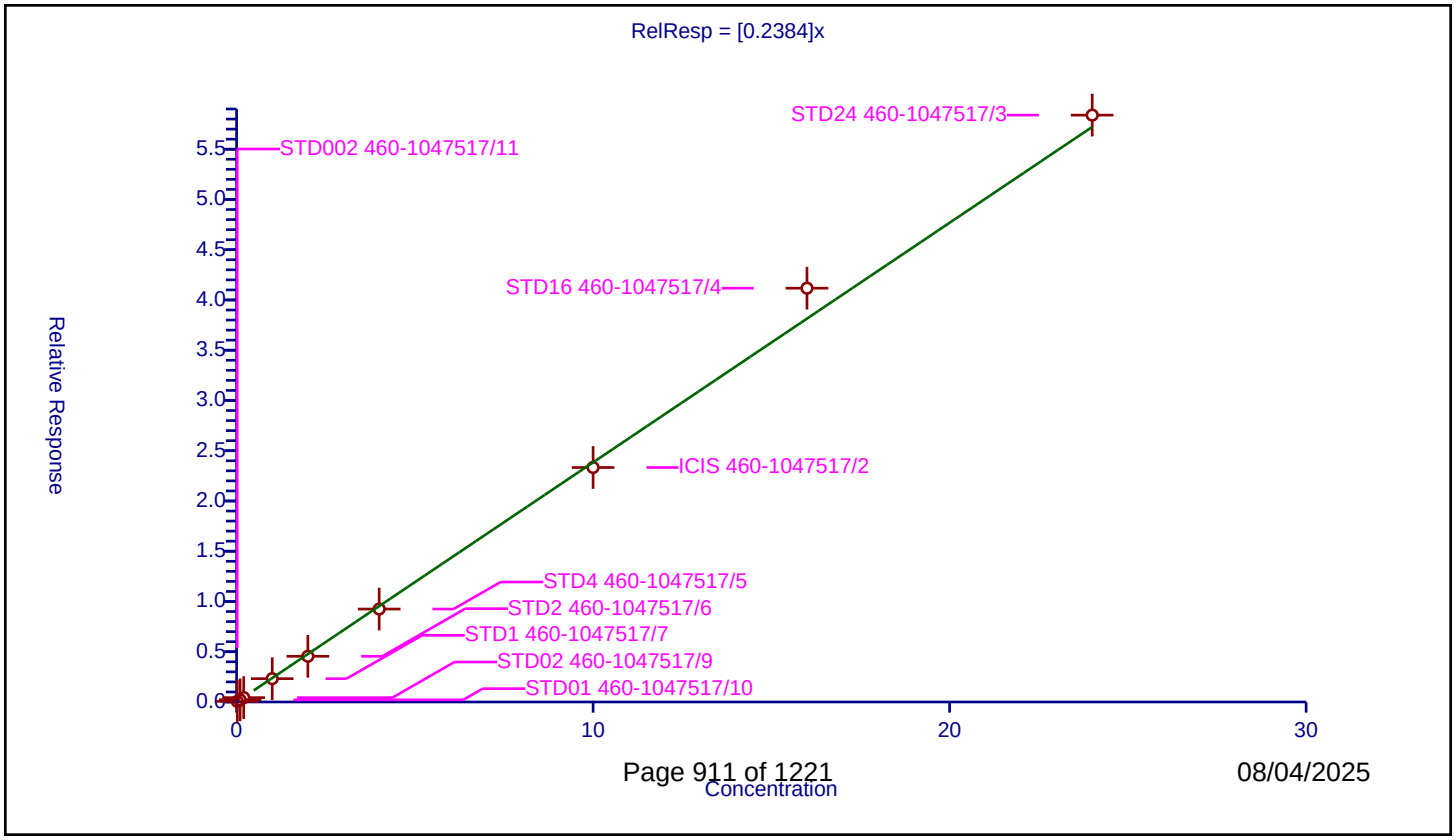
Curve Coefficients

Intercept:	0
Slope:	0.2384

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.005801	8.0	2315383.0	0.29006	Y
2	STD01 460-1047517/10	0.1	0.021363	8.0	2328840.0	0.213634	Y
3	STD02 460-1047517/9	0.2	0.043483	8.0	2318541.0	0.217413	Y
4	STD1 460-1047517/7	1.0	0.232077	8.0	2180968.0	0.232077	Y
5	STD2 460-1047517/6	2.0	0.454599	8.0	2080408.0	0.2273	Y
6	STD4 460-1047517/5	4.0	0.924909	8.0	2198546.0	0.231227	Y
7	ICIS 460-1047517/2	10.0	2.333279	8.0	2051427.0	0.233328	Y
8	STD16 460-1047517/4	16.0	4.117378	8.0	1666816.0	0.257336	Y
9	STD24 460-1047517/3	24.0	5.839284	8.0	1712295.0	0.243303	Y



Calibration / Atrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

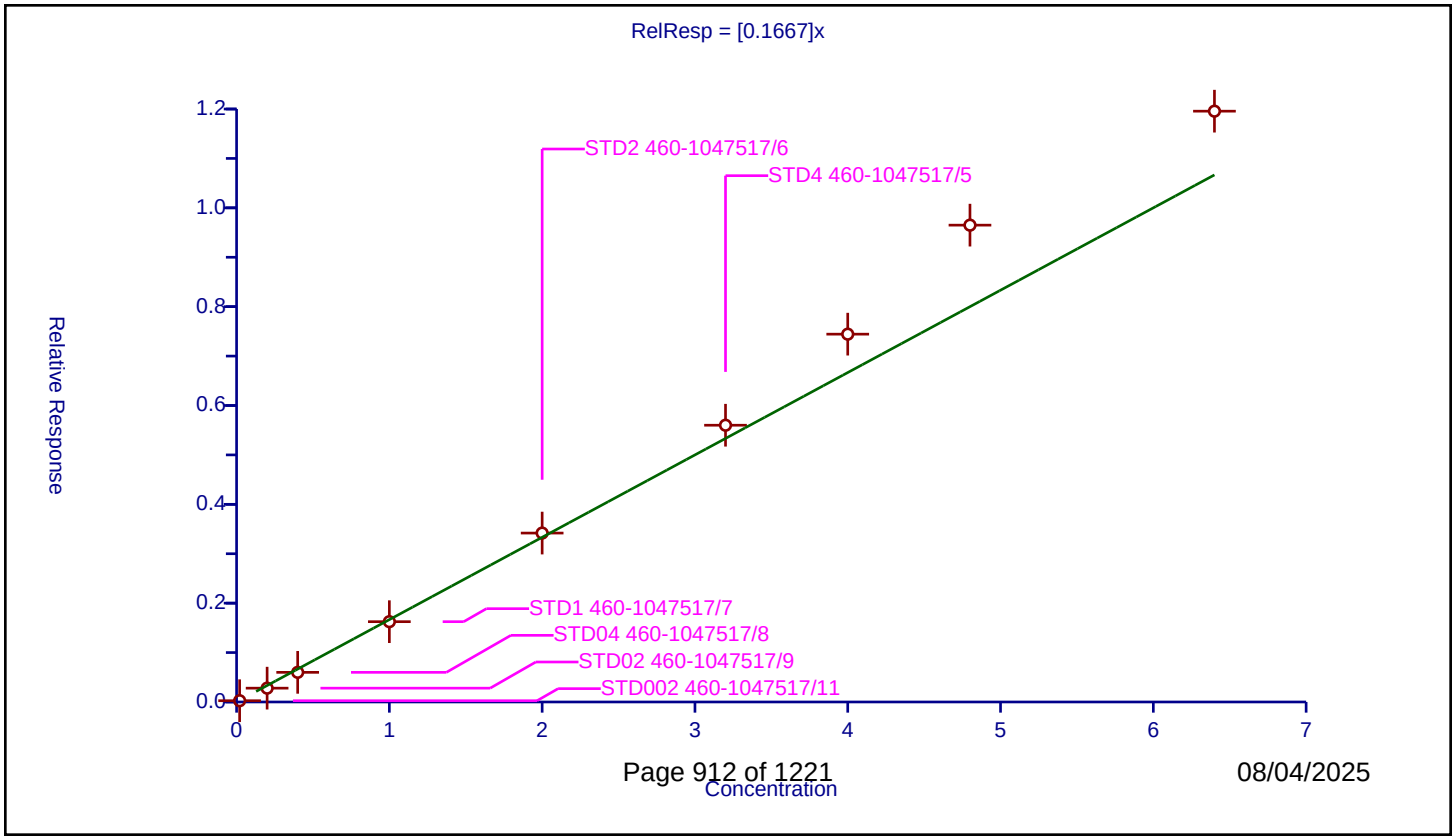
Curve Coefficients

Intercept:	0
Slope:	0.1667

Error Coefficients

Relative Standard Deviation:	14.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.002553	8.0	2315383.0	0.127668	Y
2	STD02 460-1047517/9	0.2	0.02798	8.0	2318541.0	0.139898	Y
3	STD04 460-1047517/8	0.4	0.060002	8.0	2355656.0	0.150005	Y
4	STD1 460-1047517/7	1.0	0.162526	8.0	2180968.0	0.162526	Y
5	STD2 460-1047517/6	2.0	0.341818	8.0	2080408.0	0.170909	Y
6	STD4 460-1047517/5	3.2	0.560097	8.0	2198546.0	0.17503	Y
7	ICIS 460-1047517/2	4.0	0.744352	8.0	2051427.0	0.186088	Y
8	STD16 460-1047517/4	4.8	0.964958	8.0	1666816.0	0.201033	Y
9	STD24 460-1047517/3	6.4	1.195654	8.0	1712295.0	0.186821	Y



Calibration / Pentachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

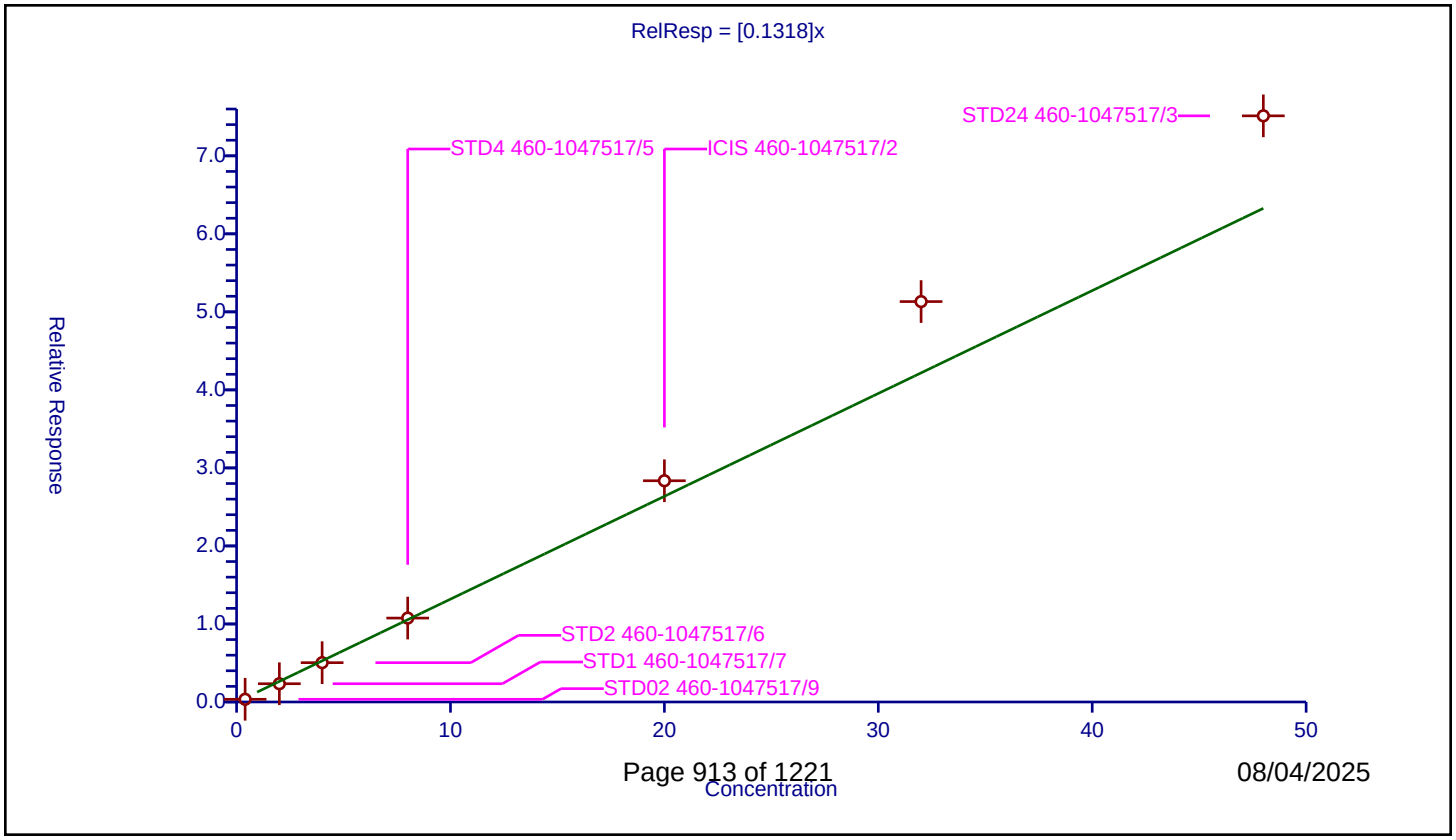
Curve Coefficients

Intercept:	0
Slope:	0.1318

Error Coefficients

Relative Standard Deviation:	19.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.4	0.034636	8.0	2318541.0	0.086589	Y
2	STD1 460-1047517/7	2.0	0.234006	8.0	2180968.0	0.117003	Y
3	STD2 460-1047517/6	4.0	0.503982	8.0	2080408.0	0.125995	Y
4	STD4 460-1047517/5	8.0	1.075464	8.0	2198546.0	0.134433	Y
5	ICIS 460-1047517/2	20.0	2.835525	8.0	2051427.0	0.141776	Y
6	STD16 460-1047517/4	32.0	5.13195	8.0	1666816.0	0.160373	Y
7	STD24 460-1047517/3	48.0	7.512668	8.0	1712295.0	0.156514	Y



Calibration / Pentachloronitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

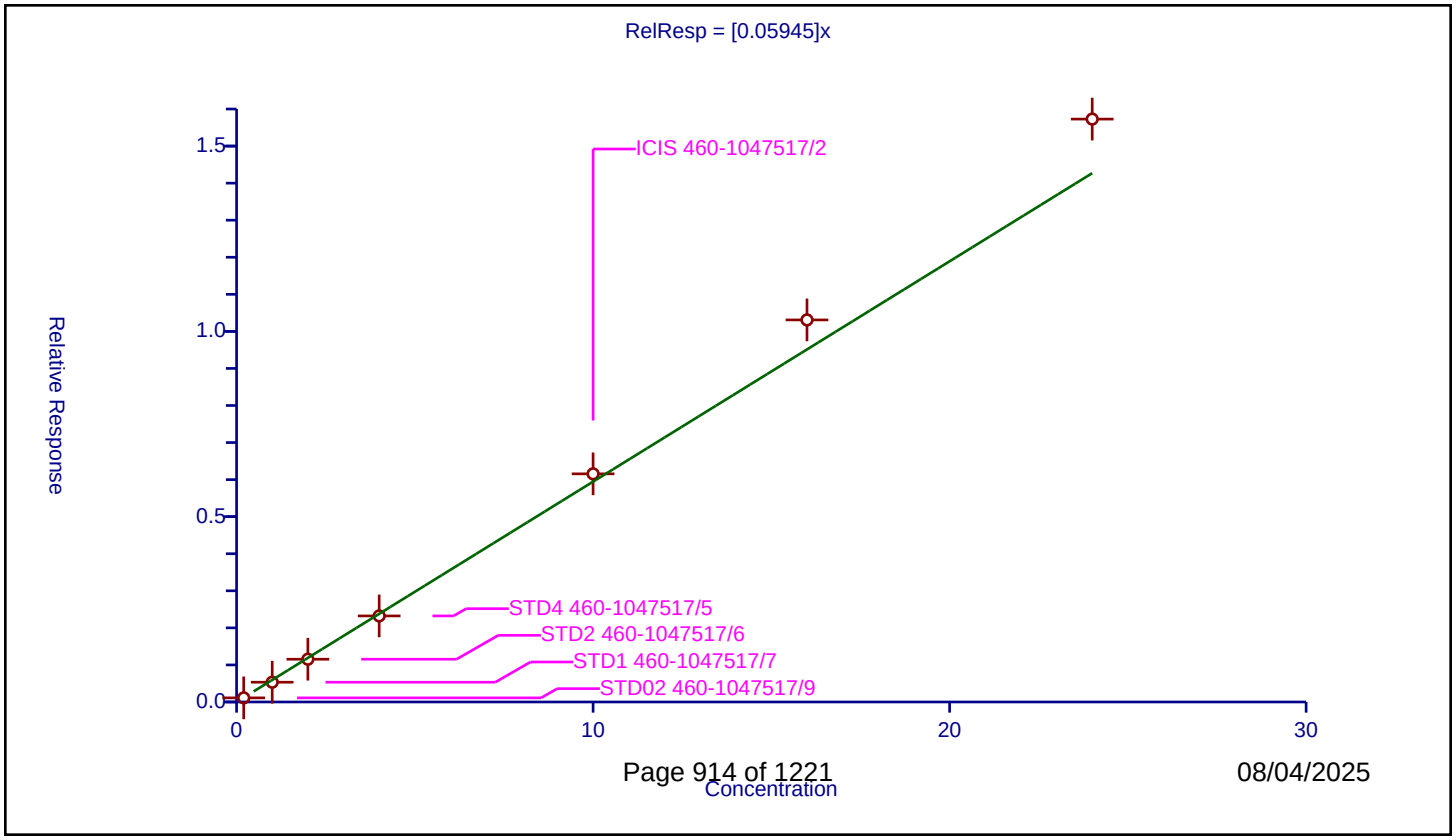
Curve Coefficients

Intercept:	0
Slope:	0.05945

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.011104	8.0	2318541.0	0.055518	Y
2	STD1 460-1047517/7	1.0	0.053371	8.0	2180968.0	0.053371	Y
3	STD2 460-1047517/6	2.0	0.115385	8.0	2080408.0	0.057693	Y
4	STD4 460-1047517/5	4.0	0.232244	8.0	2198546.0	0.058061	Y
5	ICIS 460-1047517/2	10.0	0.615634	8.0	2051427.0	0.061563	Y
6	STD16 460-1047517/4	16.0	1.030938	8.0	1666816.0	0.064434	Y
7	STD24 460-1047517/3	24.0	1.572794	8.0	1712295.0	0.065533	Y



Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

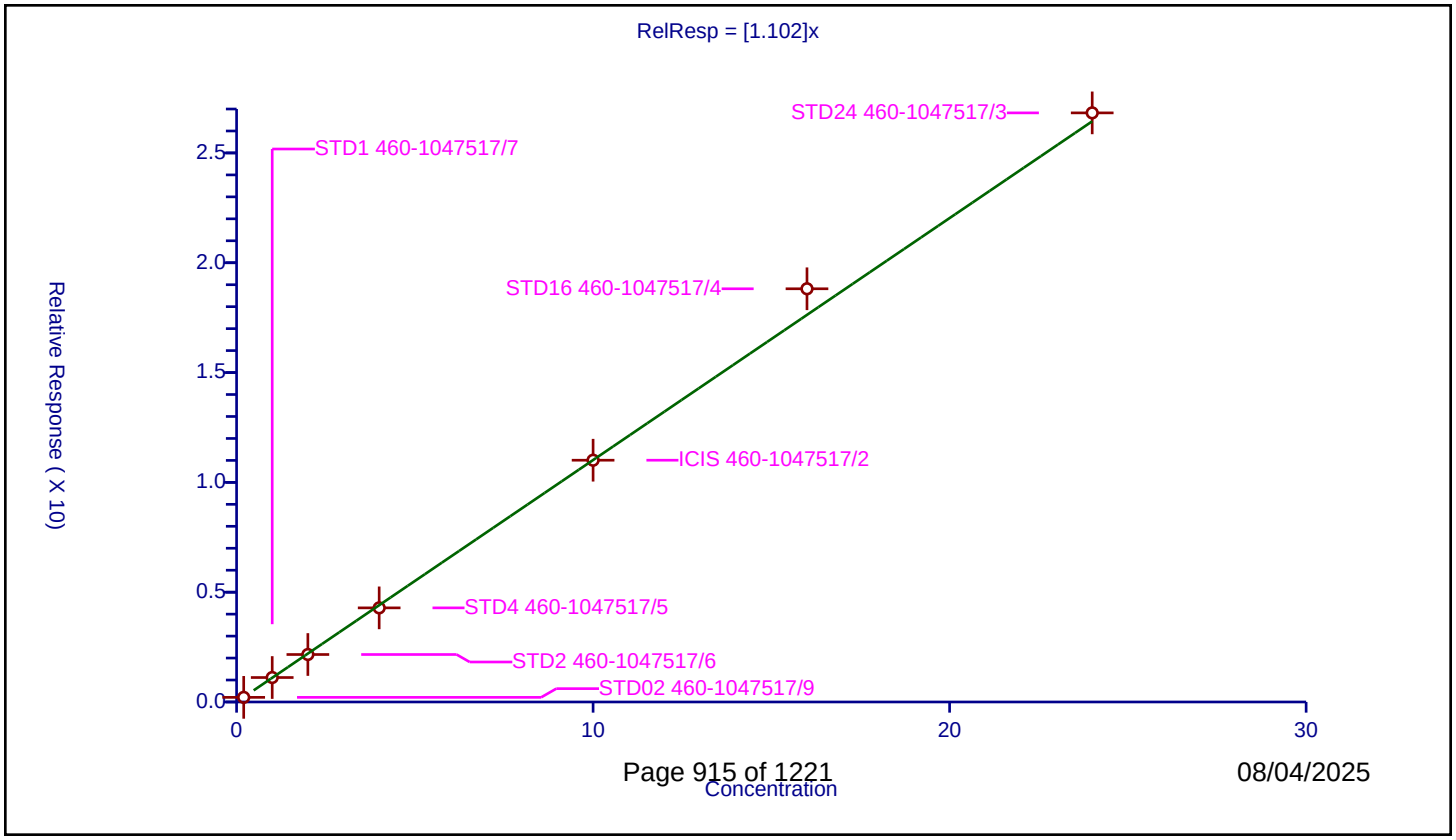
Curve Coefficients

Intercept:	0
Slope:	1.102

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.210153	8.0	2318541.0	1.050764	Y
2	STD1 460-1047517/7	1.0	1.113777	8.0	2180968.0	1.113777	Y
3	STD2 460-1047517/6	2.0	2.162395	8.0	2080408.0	1.081198	Y
4	STD4 460-1047517/5	4.0	4.28564	8.0	2198546.0	1.07141	Y
5	ICIS 460-1047517/2	10.0	11.008123	8.0	2051427.0	1.100812	Y
6	STD16 460-1047517/4	16.0	18.815385	8.0	1666816.0	1.175962	Y
7	STD24 460-1047517/3	24.0	26.824457	8.0	1712295.0	1.117686	Y



Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

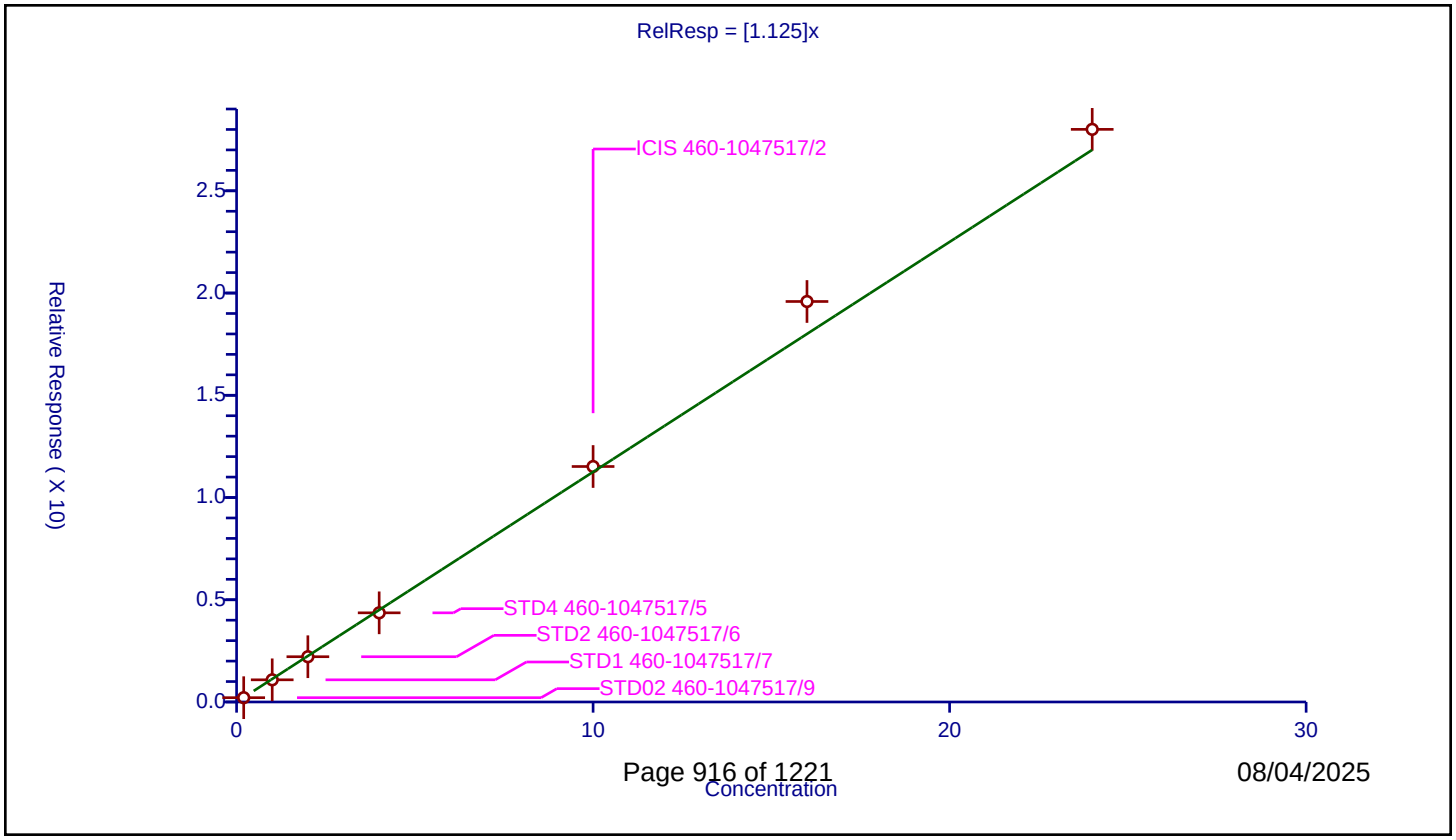
Curve Coefficients

Intercept:	0
Slope:	1.125

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.210249	8.0	2318541.0	1.051247	Y
2	STD1 460-1047517/7	1.0	1.084579	8.0	2180968.0	1.084579	Y
3	STD2 460-1047517/6	2.0	2.213358	8.0	2080408.0	1.106679	Y
4	STD4 460-1047517/5	4.0	4.360333	8.0	2198546.0	1.090083	Y
5	ICIS 460-1047517/2	10.0	11.515851	8.0	2051427.0	1.151585	Y
6	STD16 460-1047517/4	16.0	19.586579	8.0	1666816.0	1.224161	Y
7	STD24 460-1047517/3	24.0	28.004777	8.0	1712295.0	1.166866	Y



Calibration / Carbazole

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

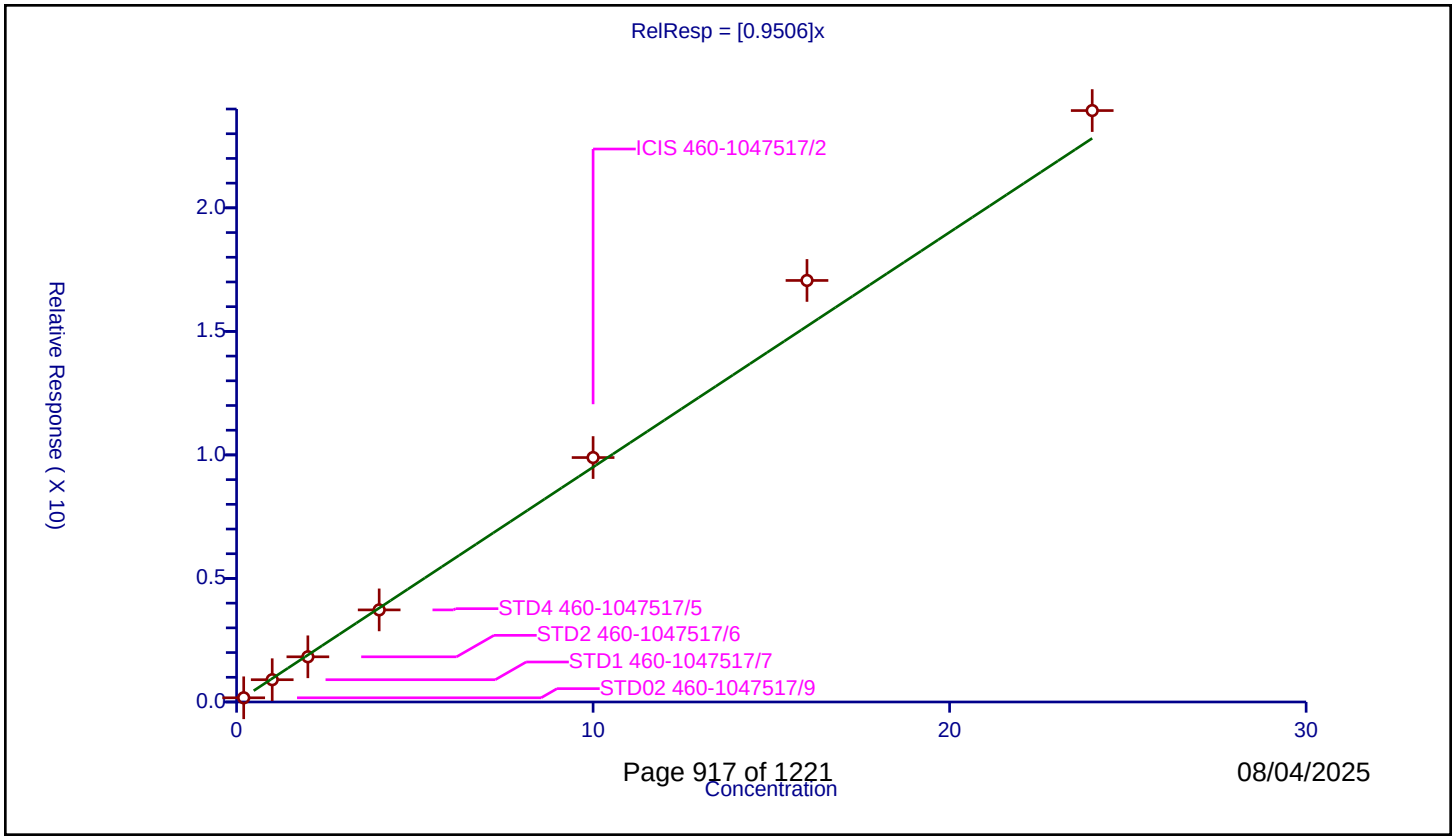
Curve Coefficients

Intercept:	0
Slope:	0.9506

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.170518	8.0	2318541.0	0.852588	Y
2	STD1 460-1047517/7	1.0	0.902029	8.0	2180968.0	0.902029	Y
3	STD2 460-1047517/6	2.0	1.828657	8.0	2080408.0	0.914328	Y
4	STD4 460-1047517/5	4.0	3.727889	8.0	2198546.0	0.931972	Y
5	ICIS 460-1047517/2	10.0	9.893332	8.0	2051427.0	0.989333	Y
6	STD16 460-1047517/4	16.0	17.061123	8.0	1666816.0	1.06632	Y
7	STD24 460-1047517/3	24.0	23.937146	8.0	1712295.0	0.997381	Y



Calibration / Di-n-butyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

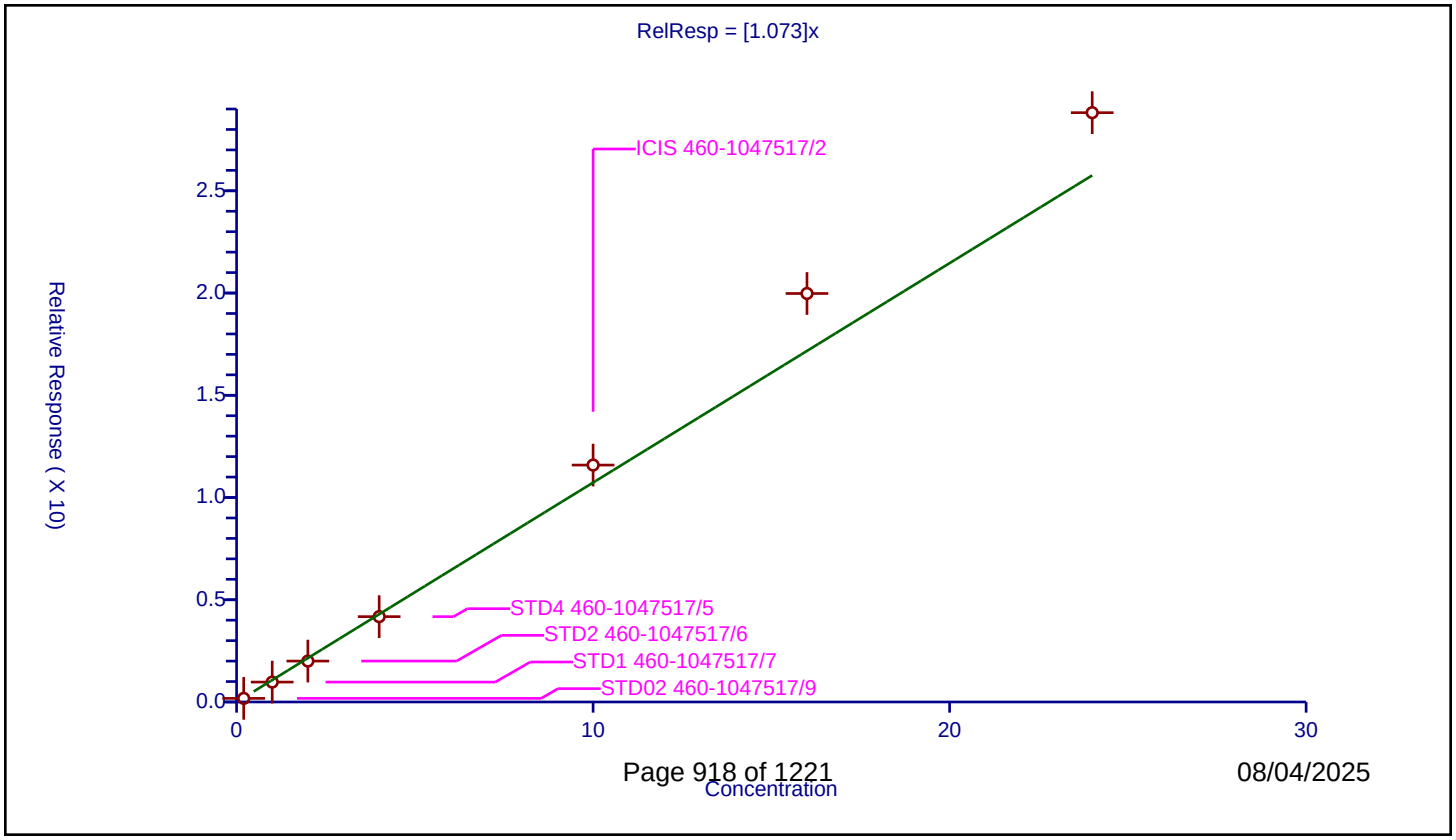
Curve Coefficients

Intercept:	0
Slope:	1.073

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.177284	8.0	2318541.0	0.88642	Y
2	STD1 460-1047517/7	1.0	0.973095	8.0	2180968.0	0.973095	Y
3	STD2 460-1047517/6	2.0	2.000892	8.0	2080408.0	1.000446	Y
4	STD4 460-1047517/5	4.0	4.173515	8.0	2198546.0	1.043379	Y
5	ICIS 460-1047517/2	10.0	11.587013	8.0	2051427.0	1.158701	Y
6	STD16 460-1047517/4	16.0	19.978157	8.0	1666816.0	1.248635	Y
7	STD24 460-1047517/3	24.0	28.820721	8.0	1712295.0	1.200863	Y



Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

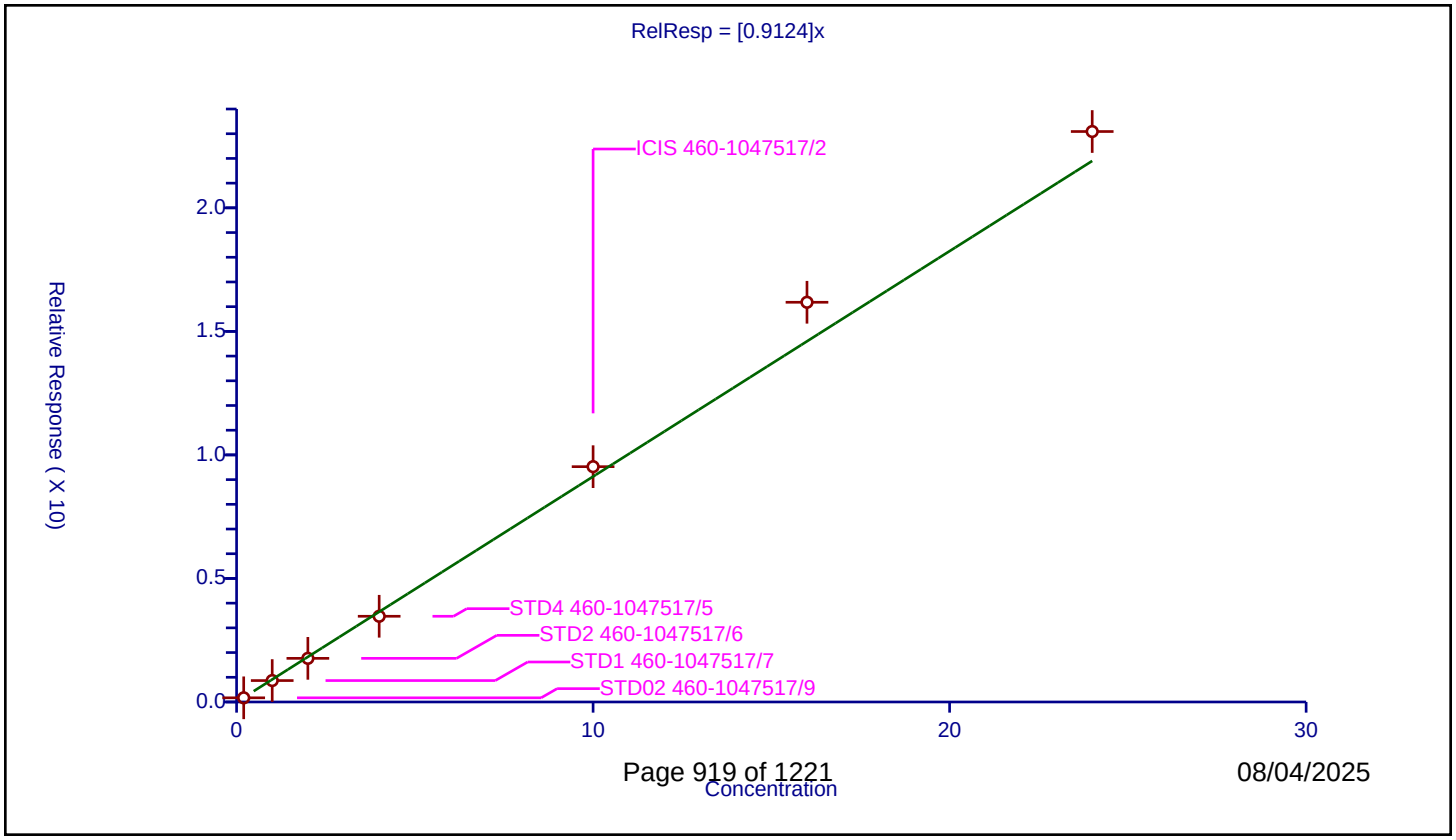
Curve Coefficients

Intercept:	0
Slope:	0.9124

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.168678	8.0	2318541.0	0.843392	Y
2	STD1 460-1047517/7	1.0	0.867633	8.0	2180968.0	0.867633	Y
3	STD2 460-1047517/6	2.0	1.765915	8.0	2080408.0	0.882958	Y
4	STD4 460-1047517/5	4.0	3.469326	8.0	2198546.0	0.867331	Y
5	ICIS 460-1047517/2	10.0	9.524301	8.0	2051427.0	0.95243	Y
6	STD16 460-1047517/4	16.0	16.178213	8.0	1666816.0	1.011138	Y
7	STD24 460-1047517/3	24.0	23.089423	8.0	1712295.0	0.962059	Y



Calibration / Benzidine

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

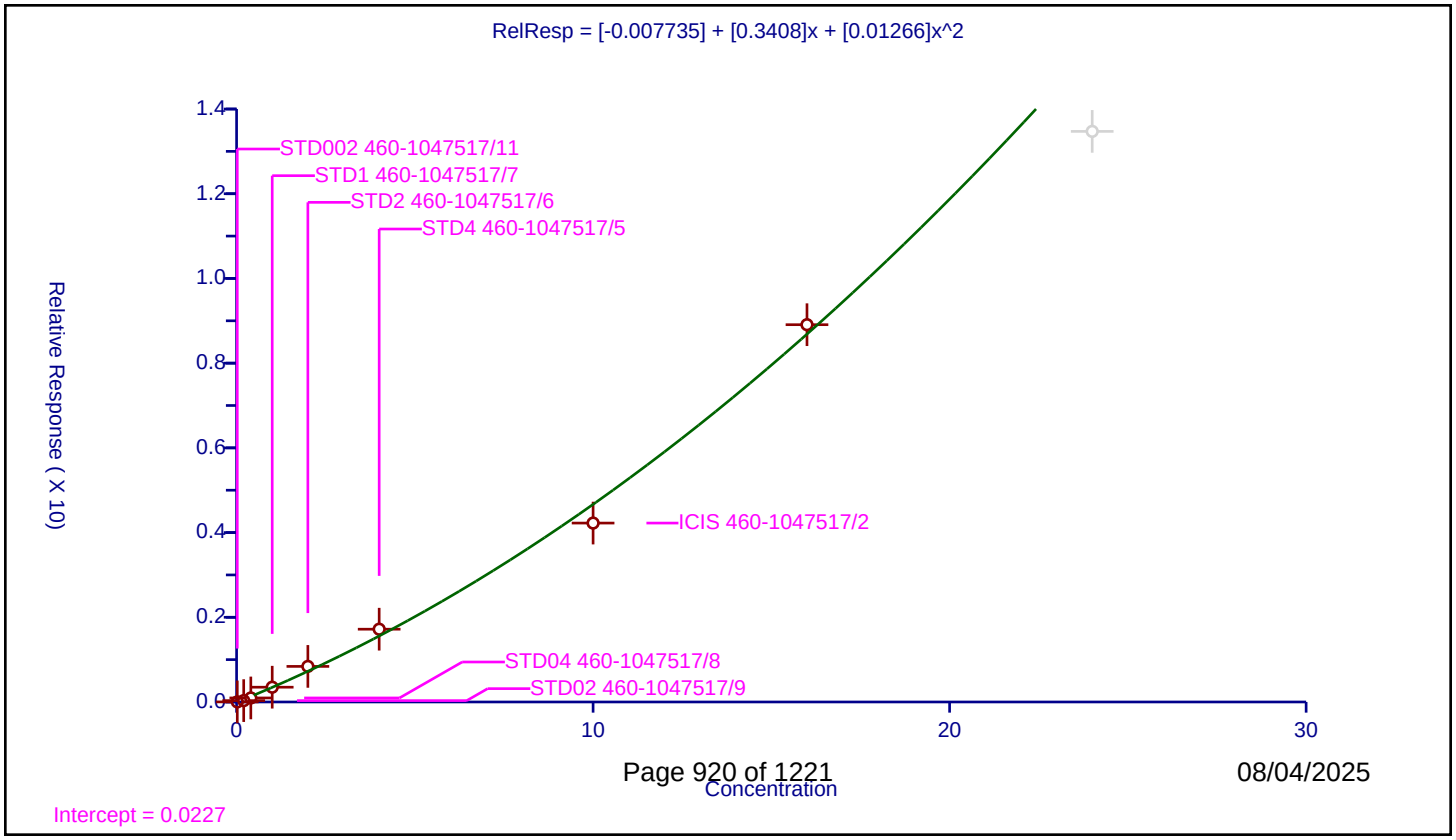
Curve Coefficients

Intercept:	-0.007735
Slope:	0.3408
Second Order:	0.01266

Error Coefficients

Relative Standard Deviation:	31.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.002273	8.0	2315383.0	0.113674	Y
2	STD02 460-1047517/9	0.2	0.03231	8.0	2318541.0	0.16155	Y
3	STD04 460-1047517/8	0.4	0.09561	8.0	2355656.0	0.239025	Y
4	STD1 460-1047517/7	1.0	0.349346	8.0	2180968.0	0.349346	Y
5	STD2 460-1047517/6	2.0	0.839901	8.0	2080408.0	0.41995	Y
6	STD4 460-1047517/5	4.0	1.718601	8.0	2198546.0	0.42965	Y
7	ICIS 460-1047517/2	10.0	4.224213	8.0	2051427.0	0.422421	Y
8	STD16 460-1047517/4	16.0	8.907983	8.0	1666816.0	0.556749	Y
9	STD24 460-1047517/3	24.0	13.471744	8.0	1712295.0	0.561323	N



Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

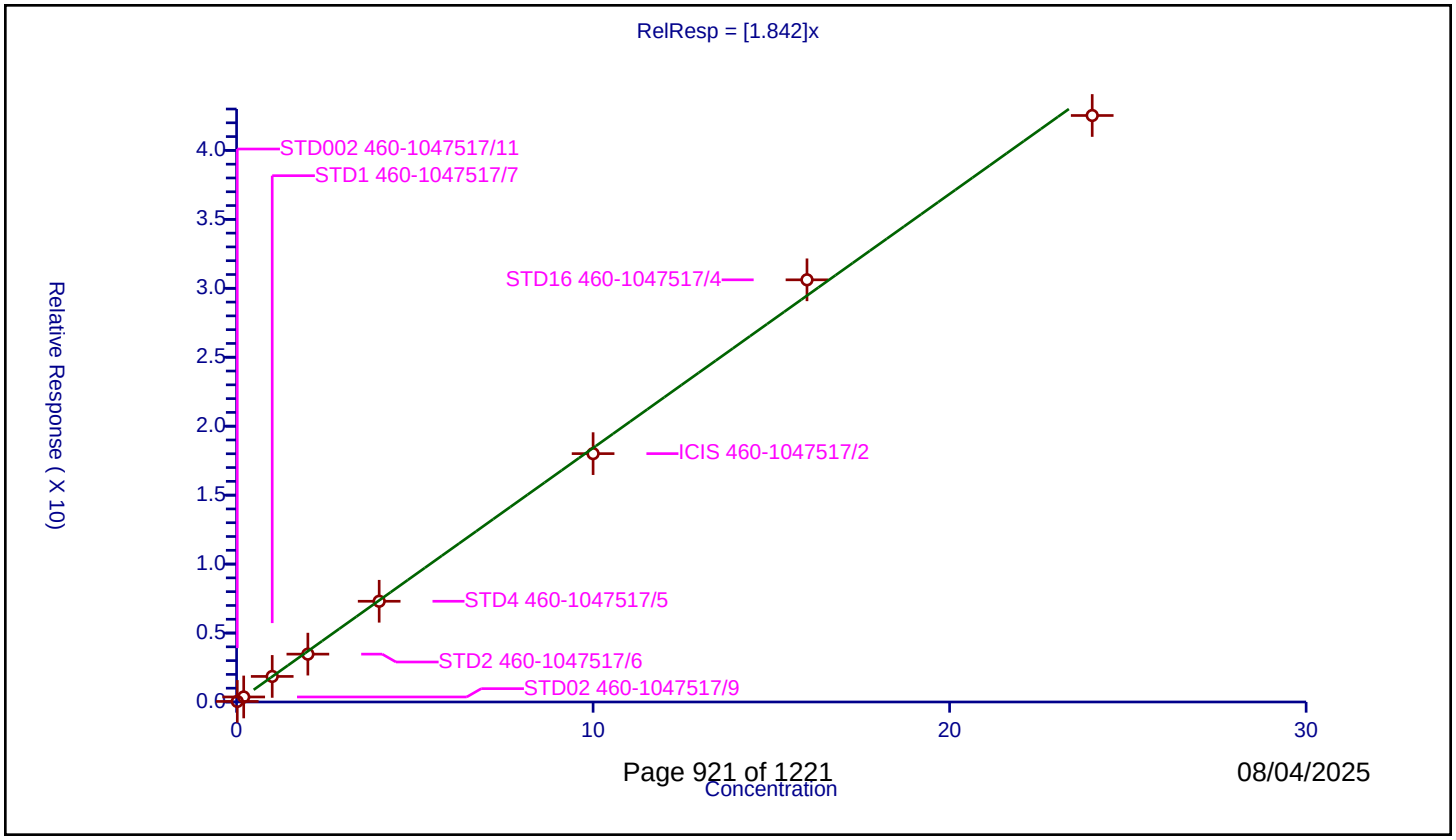
Curve Coefficients

Intercept:	0
Slope:	1.842

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.040225	8.0	1057243.0	2.011269	Y
2	STD02 460-1047517/9	0.2	0.364319	8.0	1101277.0	1.821594	Y
3	STD1 460-1047517/7	1.0	1.854392	8.0	1051437.0	1.854392	Y
4	STD2 460-1047517/6	2.0	3.471025	8.0	1062478.0	1.735513	Y
5	STD4 460-1047517/5	4.0	7.304306	8.0	1064284.0	1.826076	Y
6	ICIS 460-1047517/2	10.0	18.009594	8.0	1093841.0	1.800959	Y
7	STD16 460-1047517/4	16.0	30.61448	8.0	895190.0	1.913405	Y
8	STD24 460-1047517/3	24.0	42.531016	8.0	924906.0	1.772126	Y



Calibration / Bisphenol-A

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

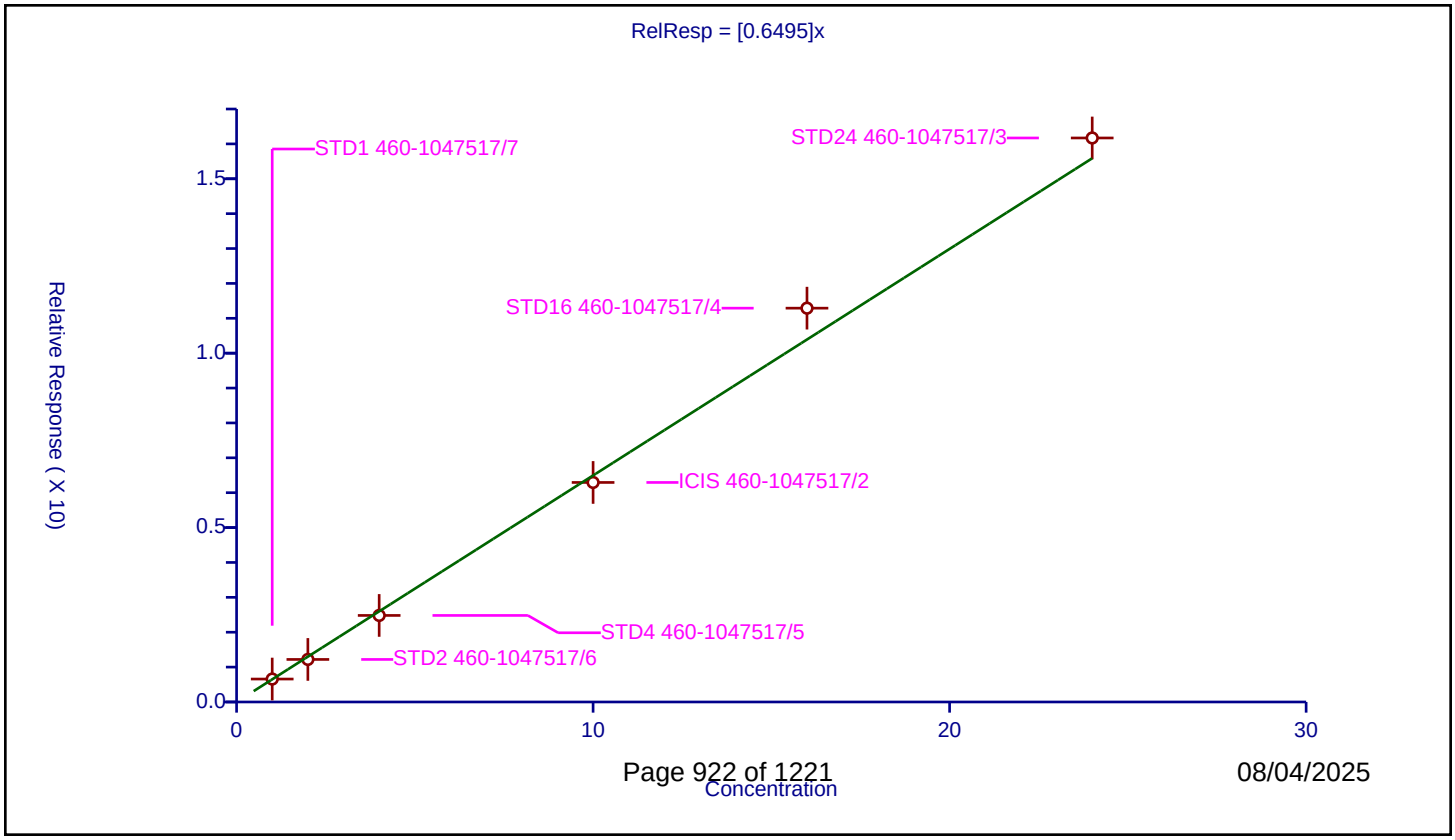
Curve Coefficients

Intercept:	0
Slope:	0.6495

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1047517/7	1.0	0.65769	8.0	1051437.0	0.65769	Y
2	STD2 460-1047517/6	2.0	1.2197	8.0	1062478.0	0.60985	Y
3	STD4 460-1047517/5	4.0	2.481435	8.0	1064284.0	0.620359	Y
4	ICIS 460-1047517/2	10.0	6.293946	8.0	1093841.0	0.629395	Y
5	STD16 460-1047517/4	16.0	11.290725	8.0	895190.0	0.70567	Y
6	STD24 460-1047517/3	24.0	16.169989	8.0	924906.0	0.67375	Y



08/04/2025

Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

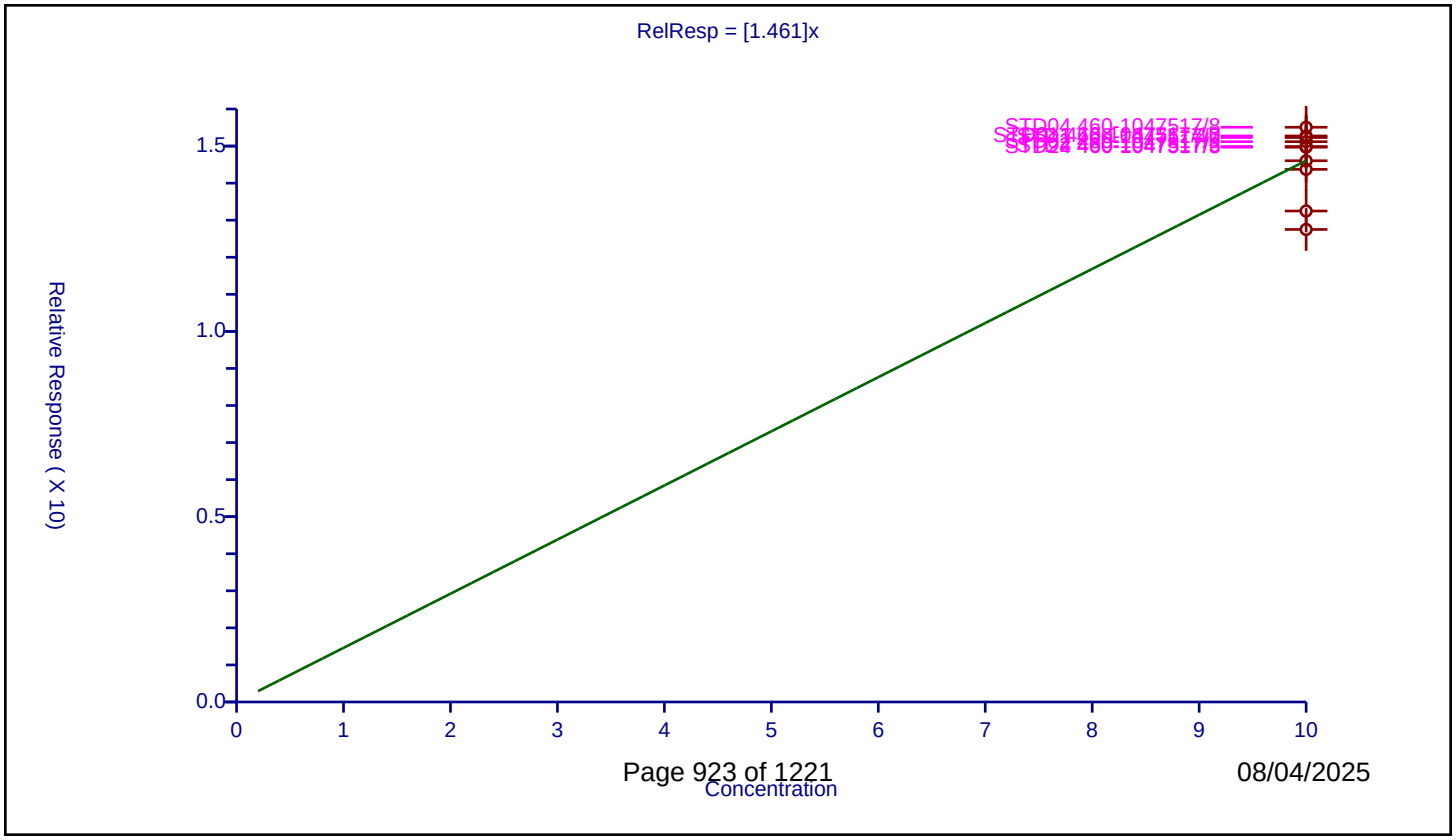
Curve Coefficients

Intercept:	0
Slope:	1.461

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1047517/2	10.0	12.749546	8.0	1093841.0	1.274955	Y
2	STD24 460-1047517/3	10.0	14.969582	8.0	924906.0	1.496958	Y
3	STD16 460-1047517/4	10.0	13.248057	8.0	895190.0	1.324806	Y
4	STD4 460-1047517/5	10.0	14.371645	8.0	1064284.0	1.437165	Y
5	STD2 460-1047517/6	10.0	14.987469	8.0	1062478.0	1.498747	Y
6	STD1 460-1047517/7	10.0	15.230889	8.0	1051437.0	1.523089	Y
7	STD04 460-1047517/8	10.0	15.507668	8.0	1115946.0	1.550767	Y
8	STD02 460-1047517/9	10.0	15.118529	8.0	1101277.0	1.511853	Y
9	STD01 460-1047517/10	10.0	15.2732	8.0	1082796.0	1.52732	Y
10	STD002 460-1047517/11	10.0	14.603901	8.0	1057243.0	1.46039	Y



Calibration / Butyl benzyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

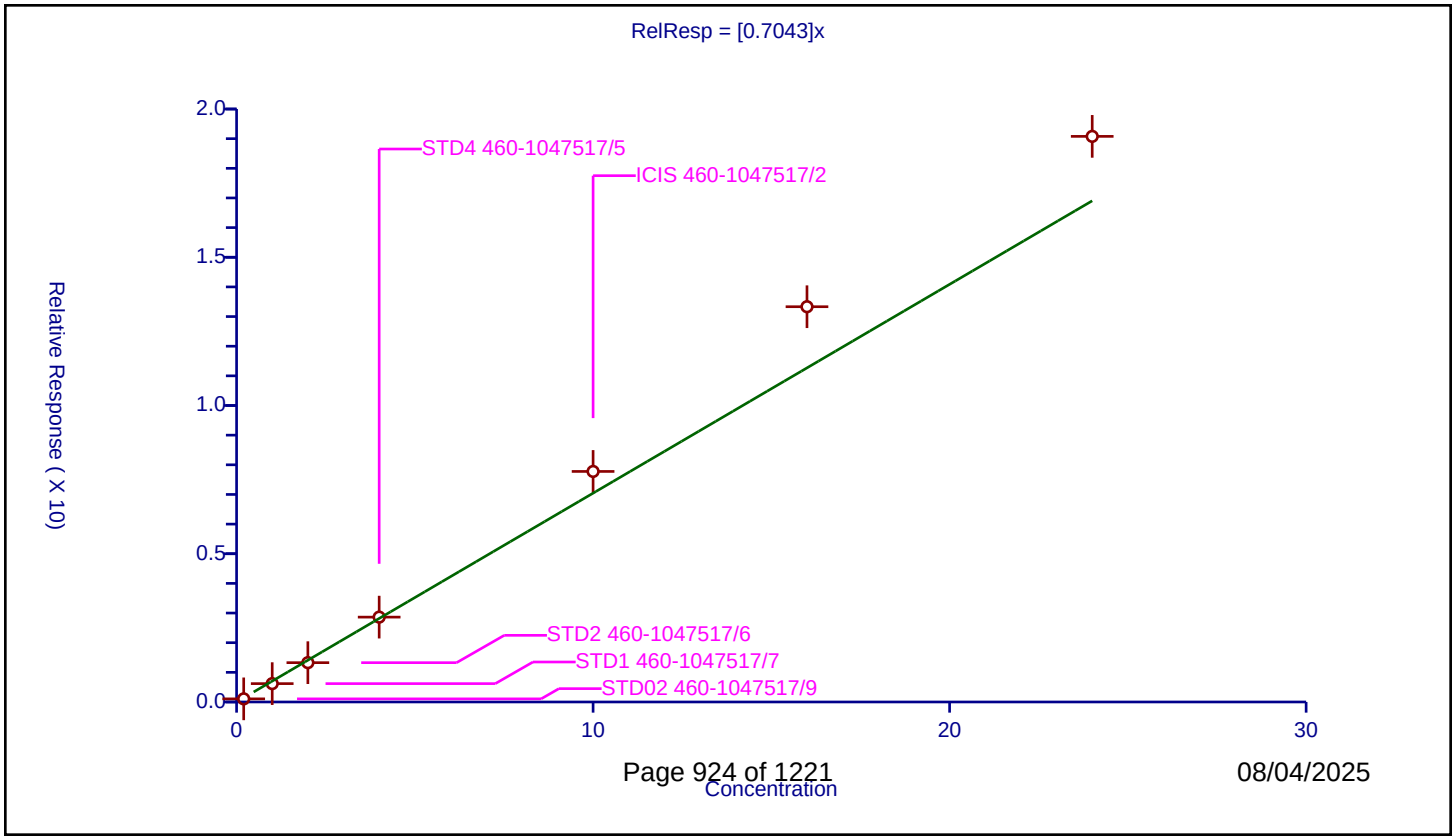
Curve Coefficients

Intercept:	0
Slope:	0.7043

Error Coefficients

Relative Standard Deviation:	15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.105245	8.0	1101277.0	0.526225	Y
2	STD1 460-1047517/7	1.0	0.619541	8.0	1051437.0	0.619541	Y
3	STD2 460-1047517/6	2.0	1.326145	8.0	1062478.0	0.663073	Y
4	STD4 460-1047517/5	4.0	2.862762	8.0	1064284.0	0.715691	Y
5	ICIS 460-1047517/2	10.0	7.775953	8.0	1093841.0	0.777595	Y
6	STD16 460-1047517/4	16.0	13.331749	8.0	895190.0	0.833234	Y
7	STD24 460-1047517/3	24.0	19.076992	8.0	924906.0	0.794875	Y



Calibration / 2,3,7,8-TCDD

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

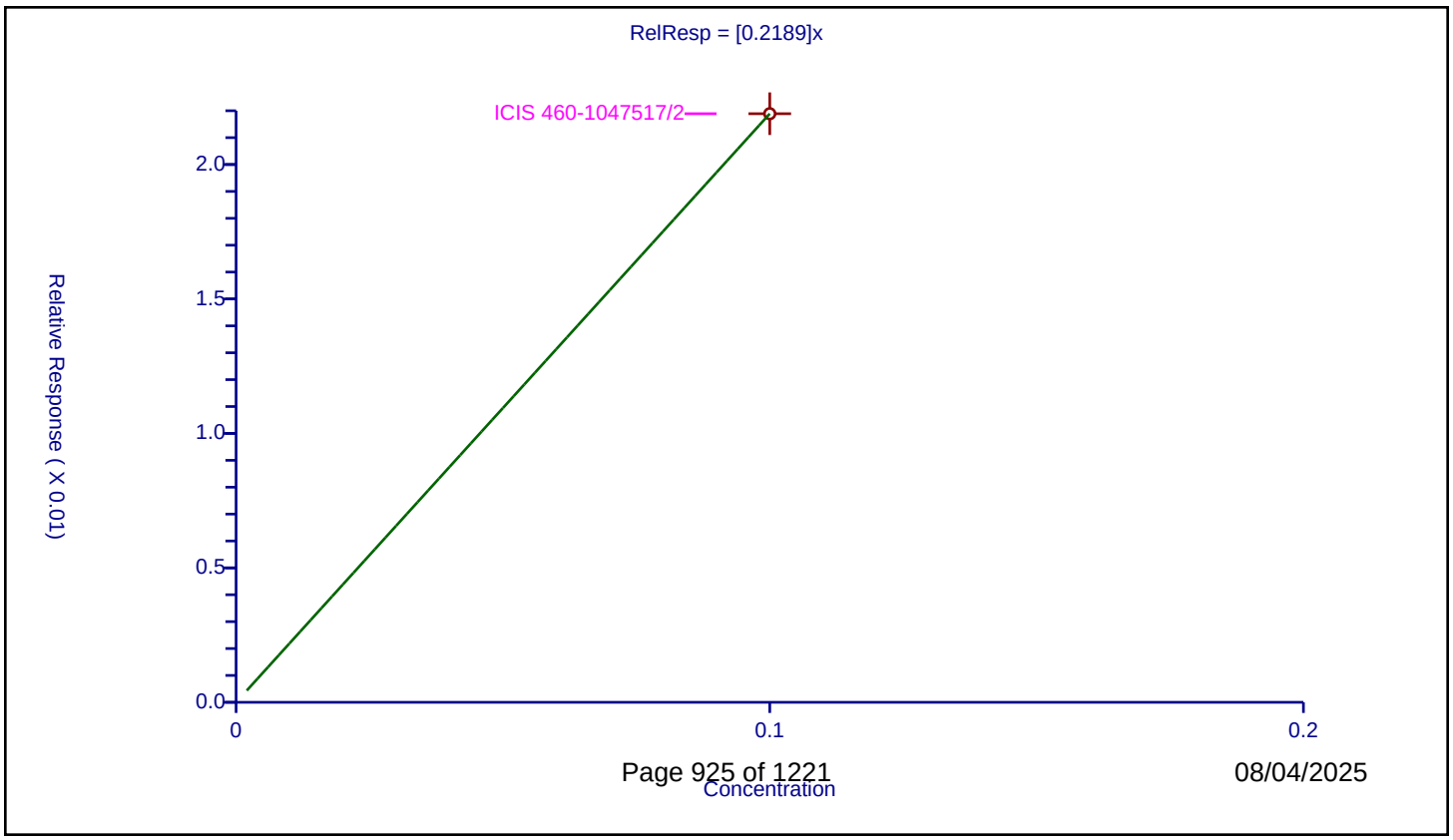
Curve Coefficients

Intercept:	0
Slope:	0.2189

Error Coefficients

Relative Standard Deviation:	0.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1047517/2	0.1	0.02189	8.0	1093841.0	0.218898	Y



Calibration / Carbamazepine

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

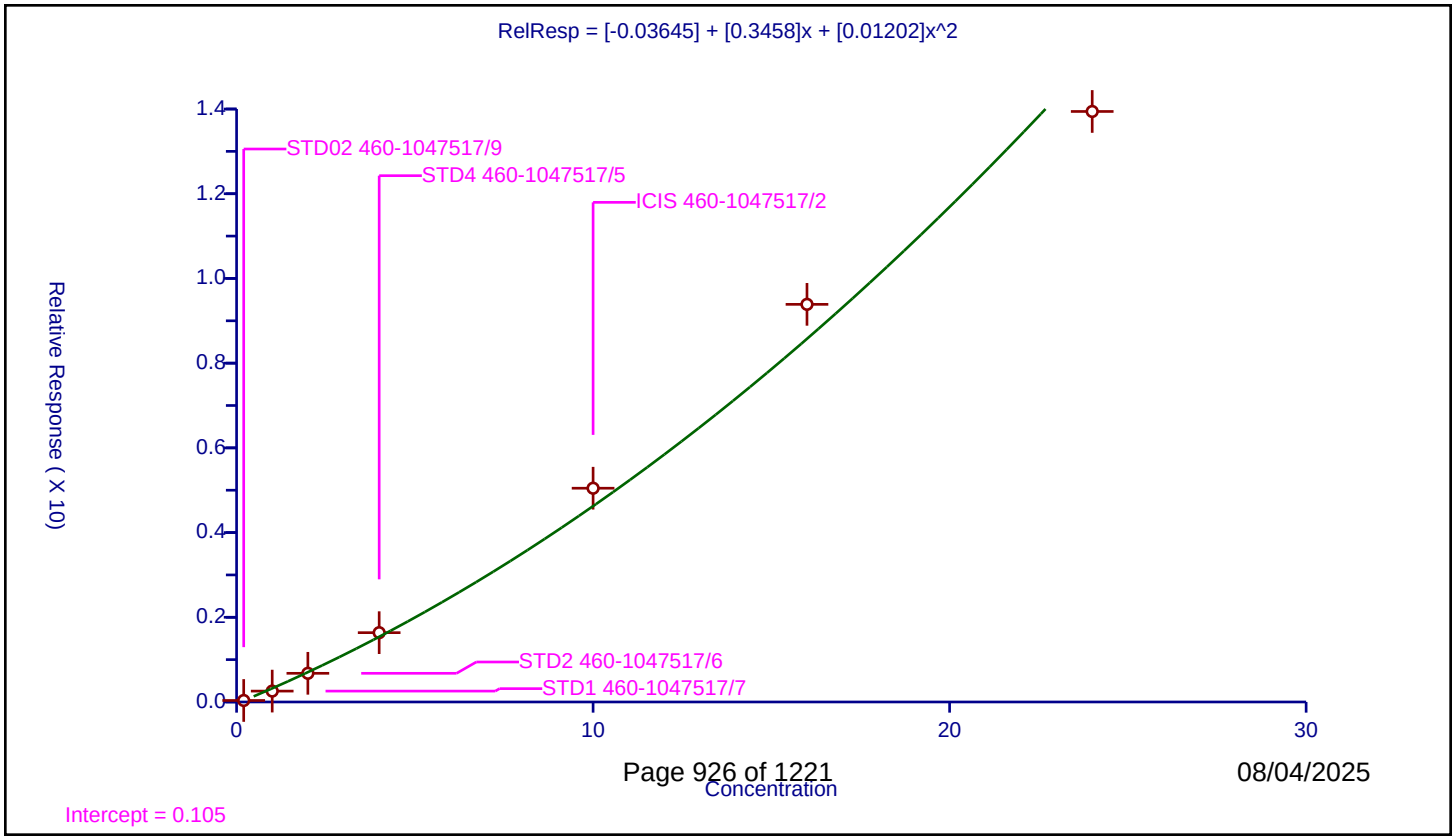
Curve Coefficients

Intercept:	-0.03645
Slope:	0.3458
Second Order:	0.01202

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.035581	8.0	1101277.0	0.177903	Y
2	STD1 460-1047517/7	1.0	0.257043	8.0	1051437.0	0.257043	Y
3	STD2 460-1047517/6	2.0	0.677111	8.0	1062478.0	0.338556	Y
4	STD4 460-1047517/5	4.0	1.63642	8.0	1064284.0	0.409105	Y
5	ICIS 460-1047517/2	10.0	5.046964	8.0	1093841.0	0.504696	Y
6	STD16 460-1047517/4	16.0	9.388201	8.0	895190.0	0.586763	Y
7	STD24 460-1047517/3	24.0	13.942191	8.0	924906.0	0.580925	Y



Calibration / 3,3'-Dichlorobenzidine

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

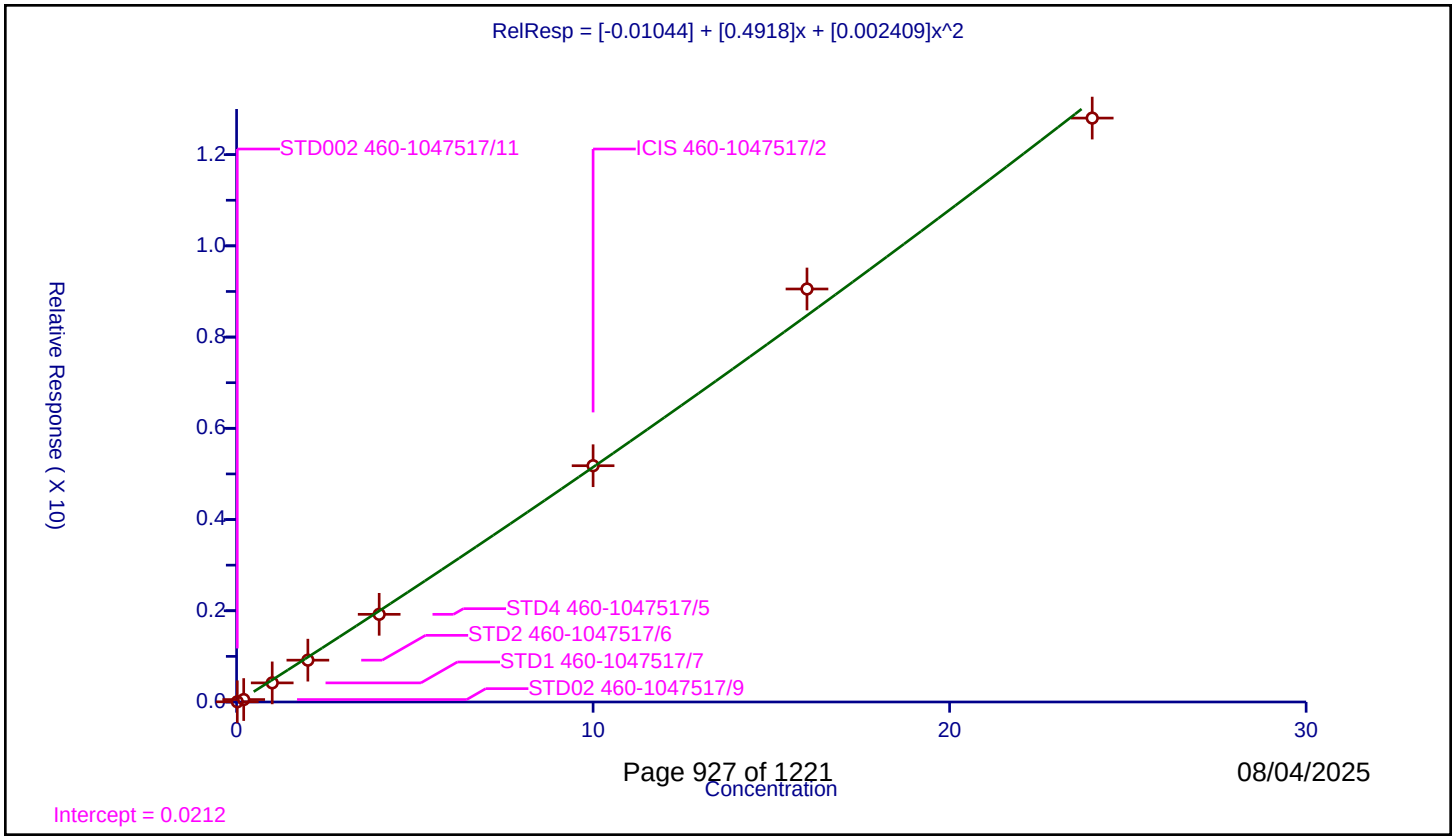
Curve Coefficients

Intercept:	-0.01044
Slope:	0.4918
Second Order:	0.002409

Error Coefficients

Relative Standard Deviation:	29.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.004661	8.0	1057243.0	0.233059	Y
2	STD02 460-1047517/9	0.2	0.053756	8.0	1101277.0	0.268779	Y
3	STD1 460-1047517/7	1.0	0.419023	8.0	1051437.0	0.419023	Y
4	STD2 460-1047517/6	2.0	0.917259	8.0	1062478.0	0.45863	Y
5	STD4 460-1047517/5	4.0	1.922179	8.0	1064284.0	0.480545	Y
6	ICIS 460-1047517/2	10.0	5.180307	8.0	1093841.0	0.518031	Y
7	STD16 460-1047517/4	16.0	9.054587	8.0	895190.0	0.565912	Y
8	STD24 460-1047517/3	24.0	12.80124	8.0	924906.0	0.533385	Y



Calibration / Benzo[a]anthracene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

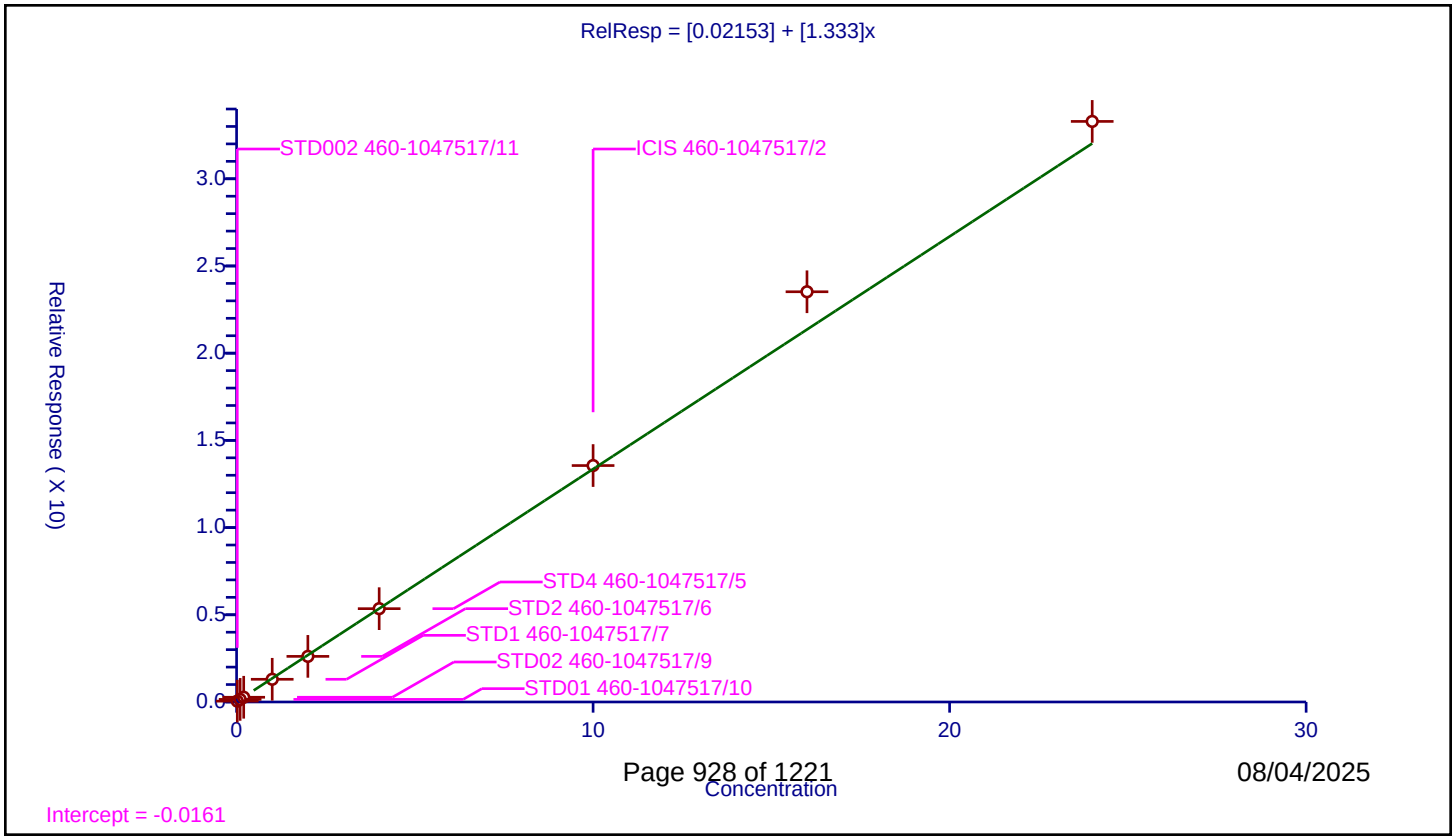
Curve Coefficients

Intercept:	0.02153
Slope:	1.333

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.048602	8.0	1057243.0	2.430094	Y
2	STD01 460-1047517/10	0.1	0.149753	8.0	1082796.0	1.49753	Y
3	STD02 460-1047517/9	0.2	0.27082	8.0	1101277.0	1.354101	Y
4	STD1 460-1047517/7	1.0	1.302378	8.0	1051437.0	1.302378	Y
5	STD2 460-1047517/6	2.0	2.615998	8.0	1062478.0	1.307999	Y
6	STD4 460-1047517/5	4.0	5.351549	8.0	1064284.0	1.337887	Y
7	ICIS 460-1047517/2	10.0	13.557195	8.0	1093841.0	1.35572	Y
8	STD16 460-1047517/4	16.0	23.520924	8.0	895190.0	1.470058	Y
9	STD24 460-1047517/3	24.0	33.288261	8.0	924906.0	1.387011	Y



Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

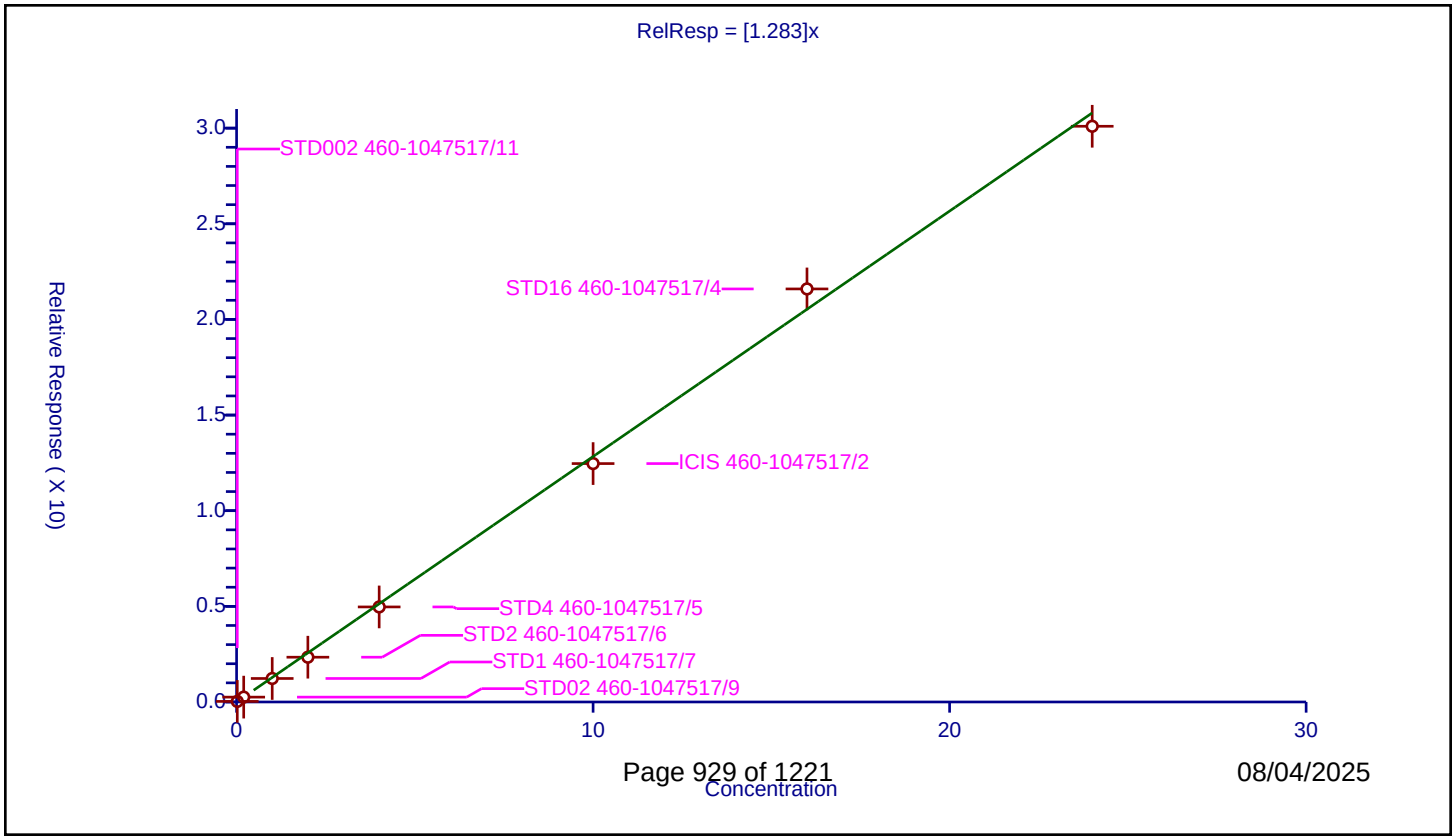
Curve Coefficients

Intercept:	0
Slope:	1.283

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.03001	8.0	1057243.0	1.500507	Y
2	STD02 460-1047517/9	0.2	0.25465	8.0	1101277.0	1.273249	Y
3	STD1 460-1047517/7	1.0	1.228711	8.0	1051437.0	1.228711	Y
4	STD2 460-1047517/6	2.0	2.341537	8.0	1062478.0	1.170769	Y
5	STD4 460-1047517/5	4.0	4.968606	8.0	1064284.0	1.242152	Y
6	ICIS 460-1047517/2	10.0	12.464576	8.0	1093841.0	1.246458	Y
7	STD16 460-1047517/4	16.0	21.593575	8.0	895190.0	1.349598	Y
8	STD24 460-1047517/3	24.0	30.097709	8.0	924906.0	1.254071	Y



Calibration / Bis(2-ethylhexyl) phthalate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

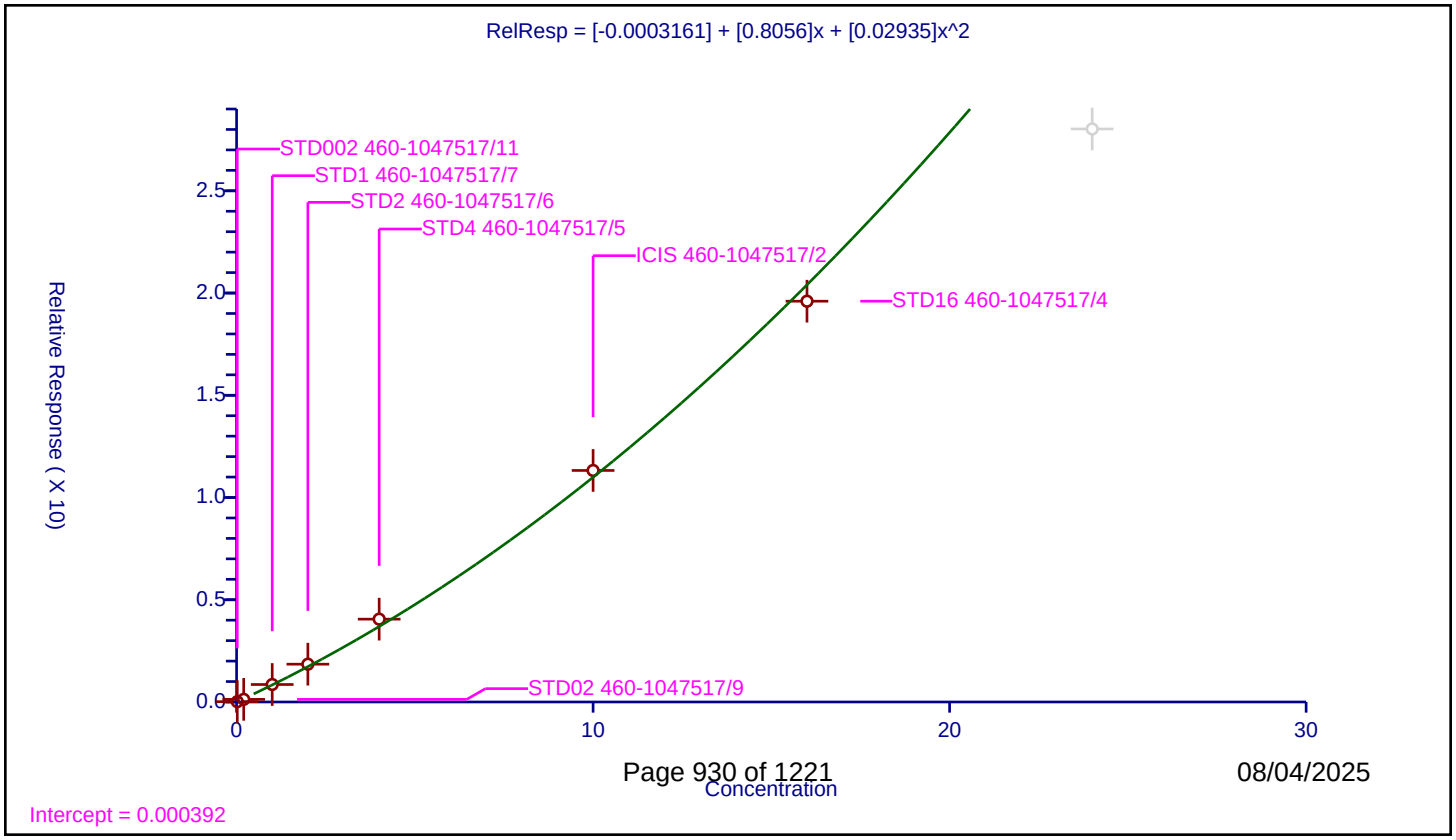
Curve Coefficients

Intercept:	-0.0003161
Slope:	0.8056
Second Order:	0.02935

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.016117	8.0	1057243.0	0.80587	Y
2	STD02 460-1047517/9	0.2	0.128026	8.0	1101277.0	0.64013	Y
3	STD1 460-1047517/7	1.0	0.855271	8.0	1051437.0	0.855271	Y
4	STD2 460-1047517/6	2.0	1.848705	8.0	1062478.0	0.924352	Y
5	STD4 460-1047517/5	4.0	4.051979	8.0	1064284.0	1.012995	Y
6	ICIS 460-1047517/2	10.0	11.323459	8.0	1093841.0	1.132346	Y
7	STD16 460-1047517/4	16.0	19.601184	8.0	895190.0	1.225074	Y
8	STD24 460-1047517/3	24.0	28.025084	8.0	924906.0	1.167712	N



Calibration / Di-n-octyl phthalate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

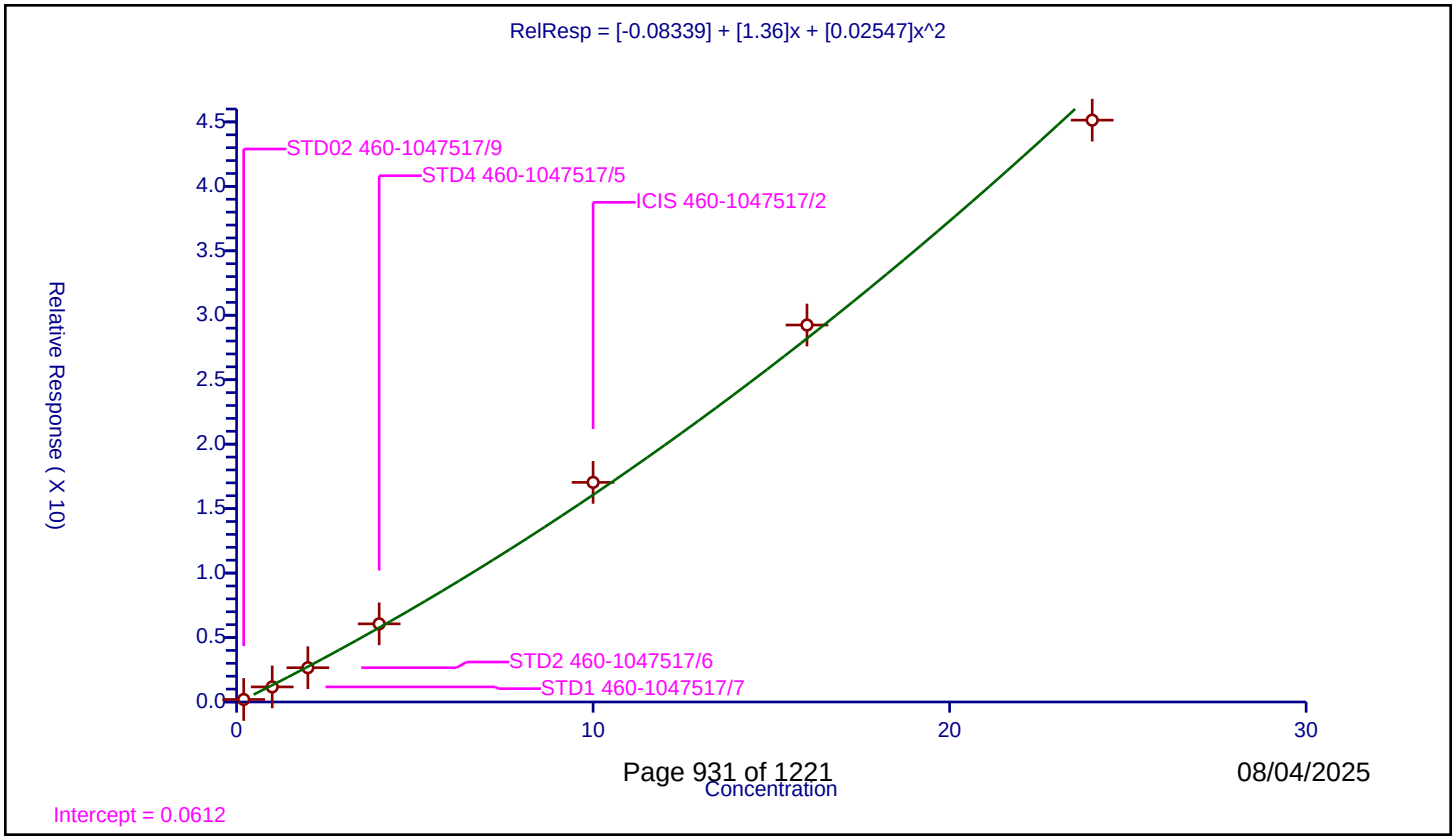
Curve Coefficients

Intercept:	-0.08339
Slope:	1.36
Second Order:	0.02547

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1047517/9	0.2	0.194693	8.0	1003962.0	0.973463	Y
2	STD1 460-1047517/7	1.0	1.169273	8.0	984721.0	1.169273	Y
3	STD2 460-1047517/6	2.0	2.658709	8.0	996261.0	1.329354	Y
4	STD4 460-1047517/5	4.0	6.061415	8.0	1017530.0	1.515354	Y
5	ICIS 460-1047517/2	10.0	17.035842	8.0	1059776.0	1.703584	Y
6	STD16 460-1047517/4	16.0	29.242826	8.0	910454.0	1.827677	Y
7	STD24 460-1047517/3	24.0	45.137599	8.0	879885.0	1.880733	Y



Calibration / Benzo[b]fluoranthene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

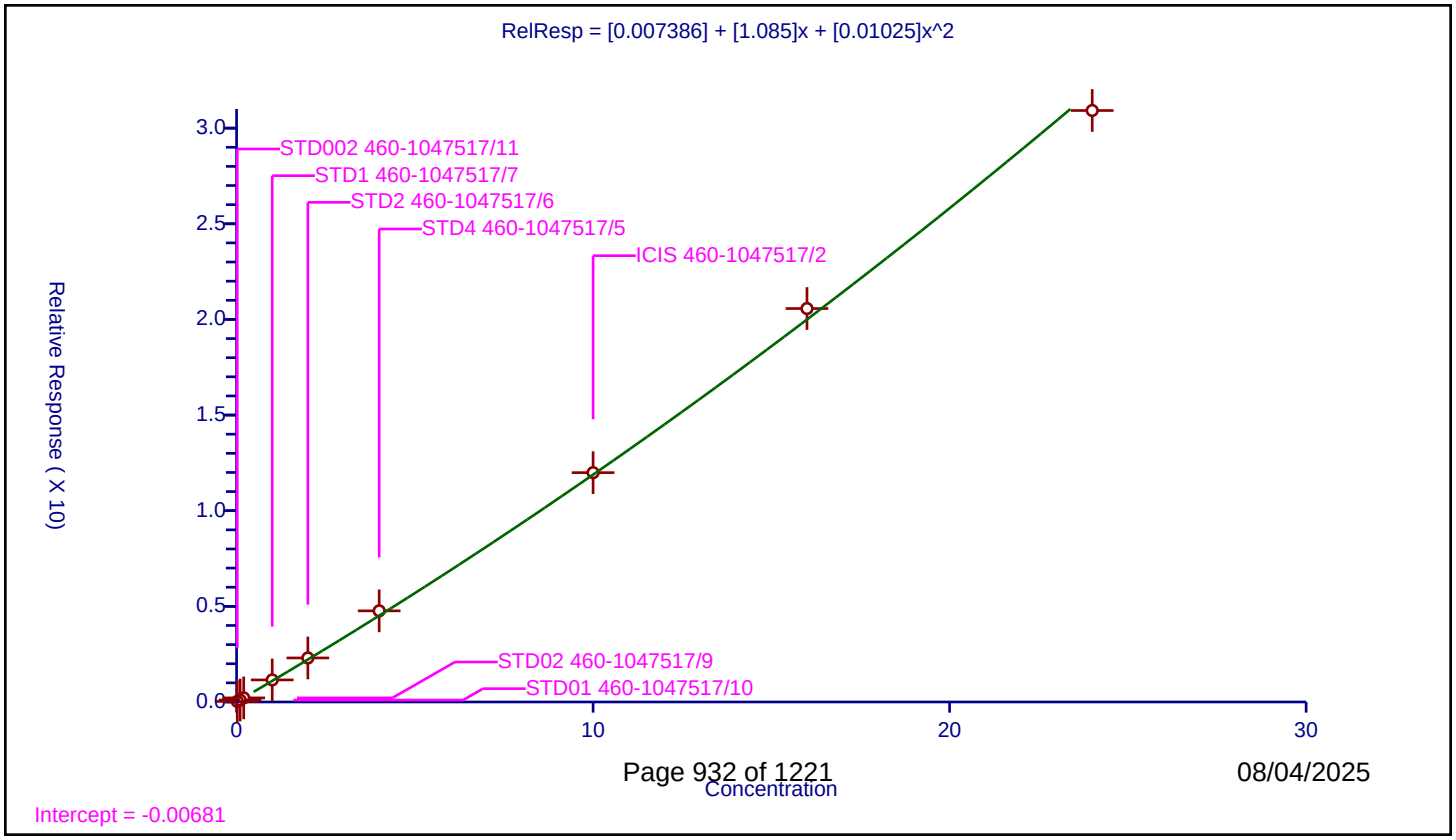
Curve Coefficients

Intercept:	0.007386
Slope:	1.085
Second Order:	0.01025

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.029696	8.0	952310.0	1.484811	Y
2	STD01 460-1047517/10	0.1	0.103077	8.0	984663.0	1.030769	Y
3	STD02 460-1047517/9	0.2	0.213347	8.0	1003962.0	1.066734	Y
4	STD1 460-1047517/7	1.0	1.152952	8.0	984721.0	1.152952	Y
5	STD2 460-1047517/6	2.0	2.301831	8.0	996261.0	1.150915	Y
6	STD4 460-1047517/5	4.0	4.764864	8.0	1017530.0	1.191216	Y
7	ICIS 460-1047517/2	10.0	11.989953	8.0	1059776.0	1.198995	Y
8	STD16 460-1047517/4	16.0	20.56885	8.0	910454.0	1.285553	Y
9	STD24 460-1047517/3	24.0	30.921368	8.0	879885.0	1.28839	Y



Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

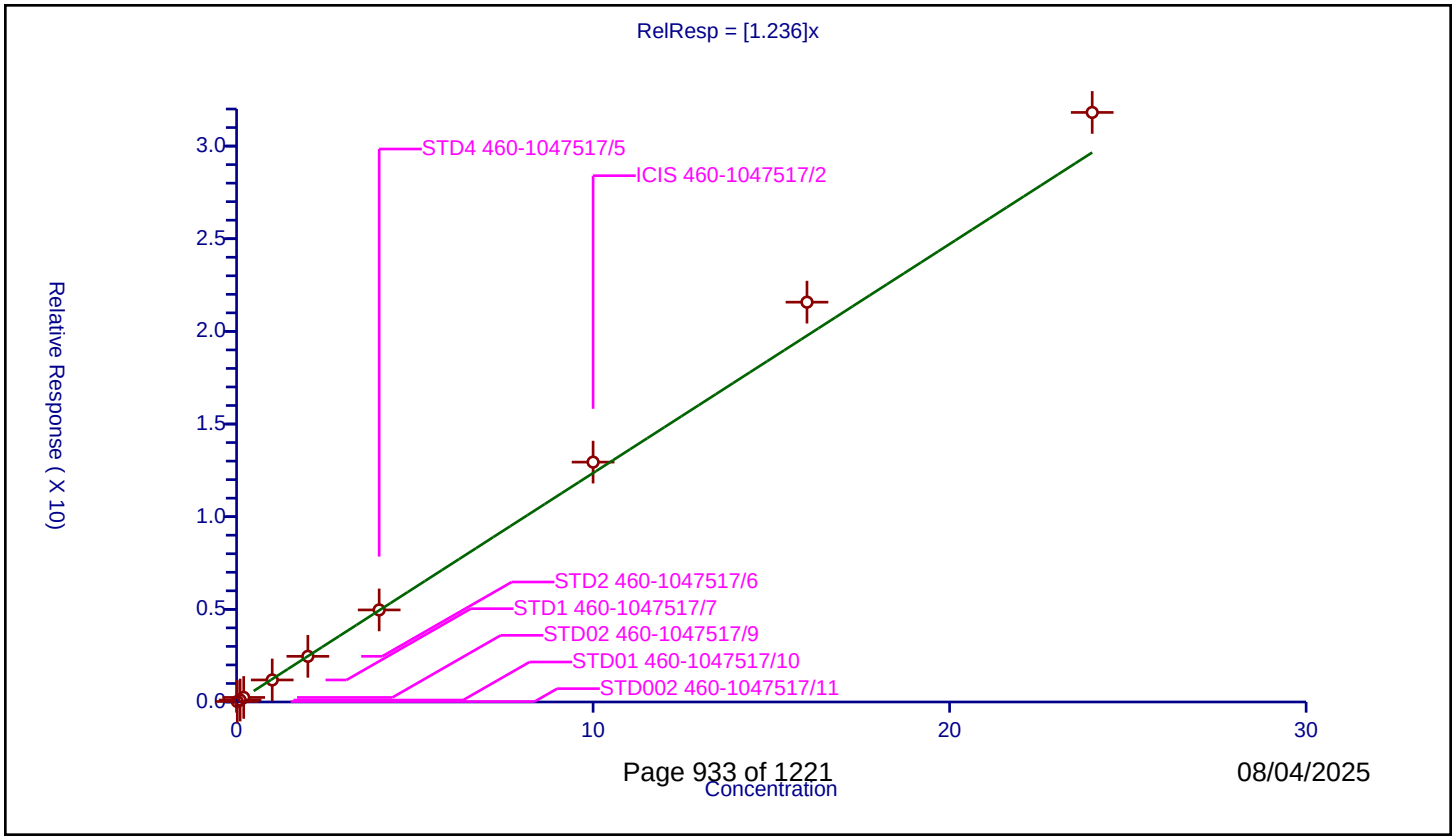
Curve Coefficients

Intercept:	0
Slope:	1.236

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.024555	8.0	952310.0	1.227751	Y
2	STD01 460-1047517/10	0.1	0.103621	8.0	984663.0	1.036212	Y
3	STD02 460-1047517/9	0.2	0.244782	8.0	1003962.0	1.223911	Y
4	STD1 460-1047517/7	1.0	1.189535	8.0	984721.0	1.189535	Y
5	STD2 460-1047517/6	2.0	2.464744	8.0	996261.0	1.232372	Y
6	STD4 460-1047517/5	4.0	4.968762	8.0	1017530.0	1.24219	Y
7	ICIS 460-1047517/2	10.0	12.944705	8.0	1059776.0	1.294471	Y
8	STD16 460-1047517/4	16.0	21.576532	8.0	910454.0	1.348533	Y
9	STD24 460-1047517/3	24.0	31.815685	8.0	879885.0	1.325654	Y



Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

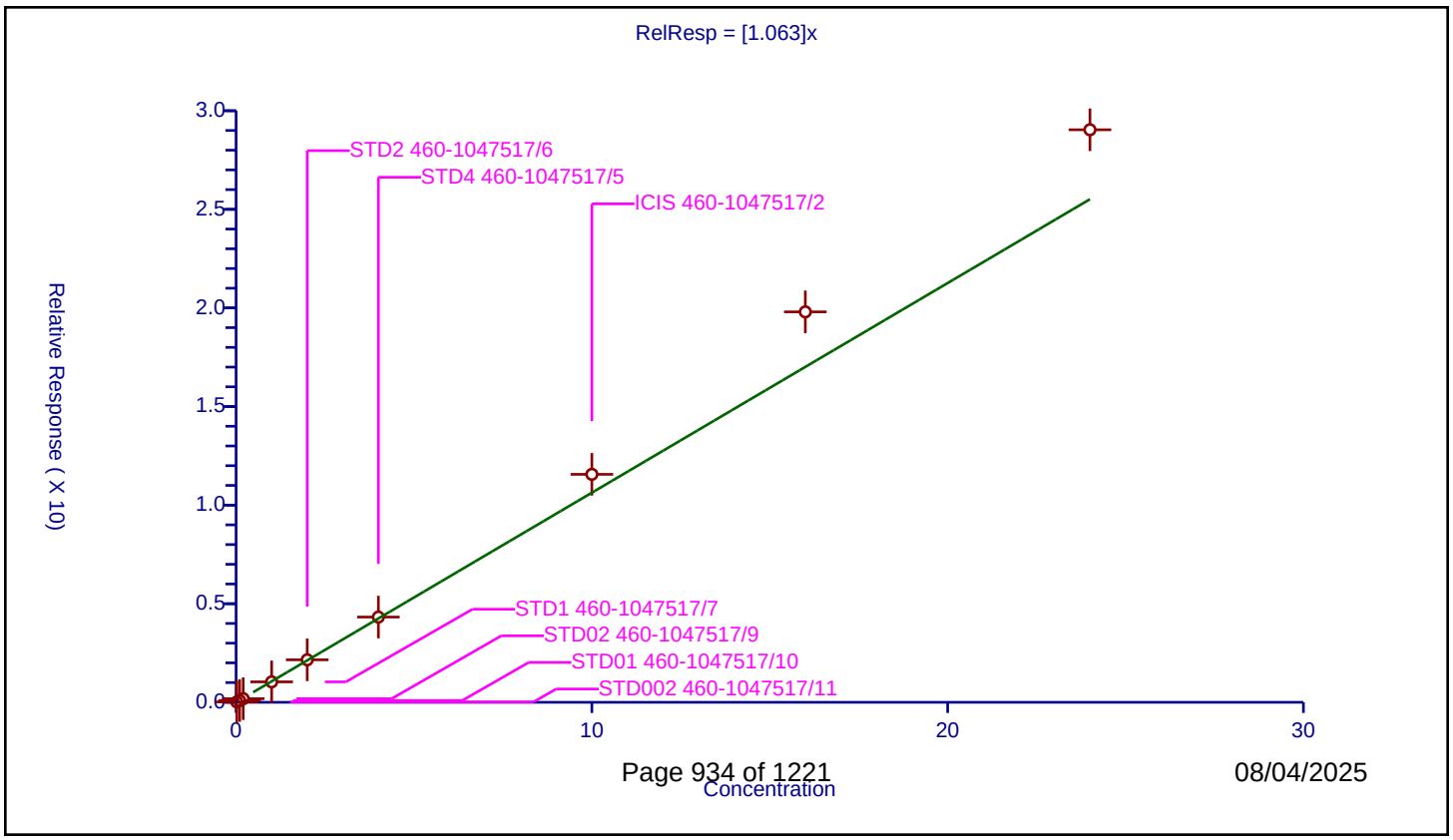
Curve Coefficients

Intercept:	0
Slope:	1.063

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.019221	8.0	952310.0	0.961032	Y
2	STD01 460-1047517/10	0.1	0.089216	8.0	984663.0	0.892163	Y
3	STD02 460-1047517/9	0.2	0.183091	8.0	1003962.0	0.915453	Y
4	STD1 460-1047517/7	1.0	1.036988	8.0	984721.0	1.036988	Y
5	STD2 460-1047517/6	2.0	2.154737	8.0	996261.0	1.077368	Y
6	STD4 460-1047517/5	4.0	4.323529	8.0	1017530.0	1.080882	Y
7	ICIS 460-1047517/2	10.0	11.561907	8.0	1059776.0	1.156191	Y
8	STD16 460-1047517/4	16.0	19.800425	8.0	910454.0	1.237527	Y
9	STD24 460-1047517/3	24.0	29.03564	8.0	879885.0	1.209818	Y



Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

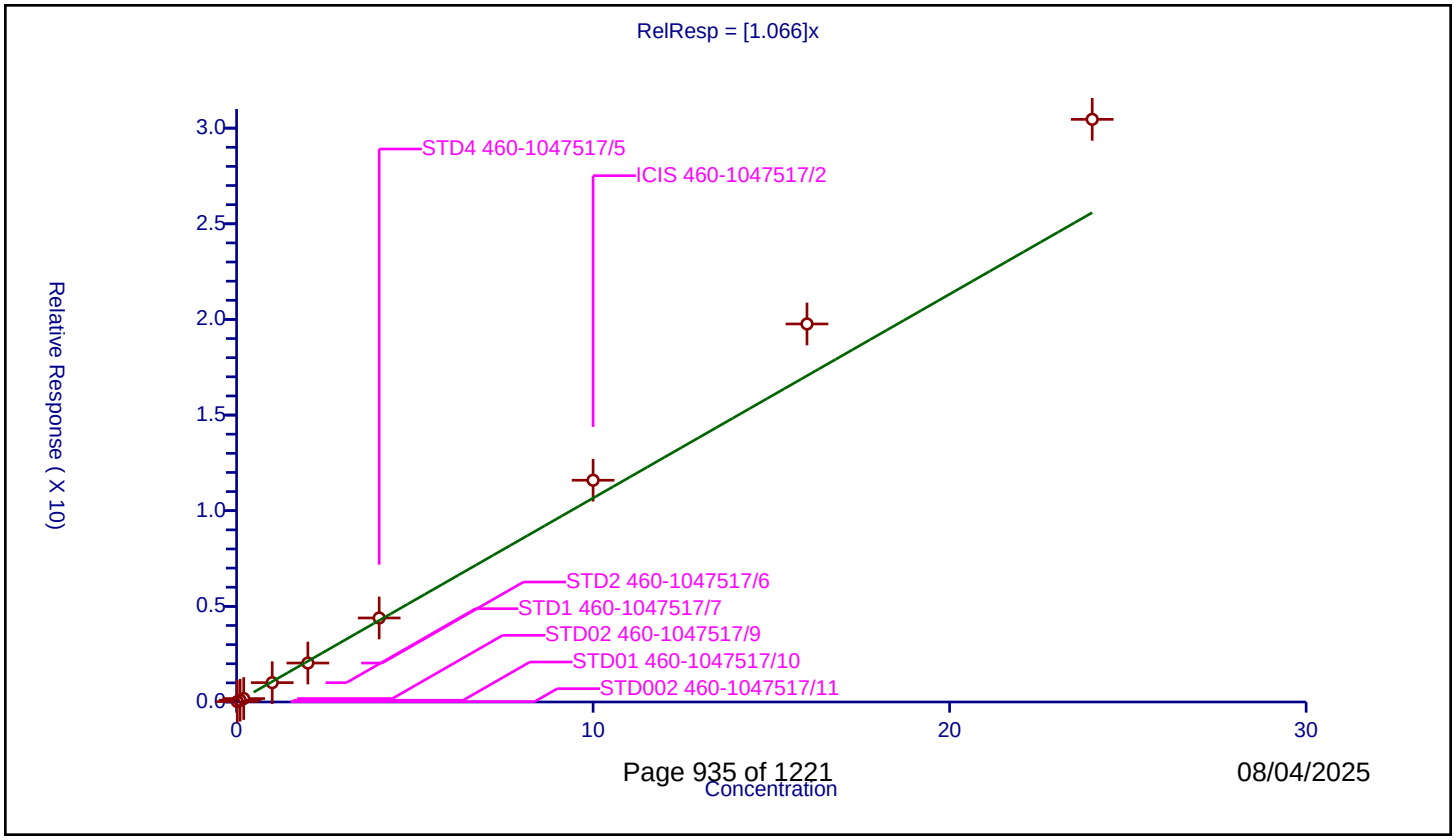
Curve Coefficients

Intercept:	0
Slope:	1.066

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.019792	8.0	952310.0	0.989594	Y
2	STD01 460-1047517/10	0.1	0.091678	8.0	984663.0	0.916781	Y
3	STD02 460-1047517/9	0.2	0.179178	8.0	1003962.0	0.89589	Y
4	STD1 460-1047517/7	1.0	1.011121	8.0	984721.0	1.011121	Y
5	STD2 460-1047517/6	2.0	2.036342	8.0	996261.0	1.018171	Y
6	STD4 460-1047517/5	4.0	4.392551	8.0	1017530.0	1.098138	Y
7	ICIS 460-1047517/2	10.0	11.592465	8.0	1059776.0	1.159246	Y
8	STD16 460-1047517/4	16.0	19.763713	8.0	910454.0	1.235232	Y
9	STD24 460-1047517/3	24.0	30.459726	8.0	879885.0	1.269155	Y



Calibration / Dibenz(a,h)anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

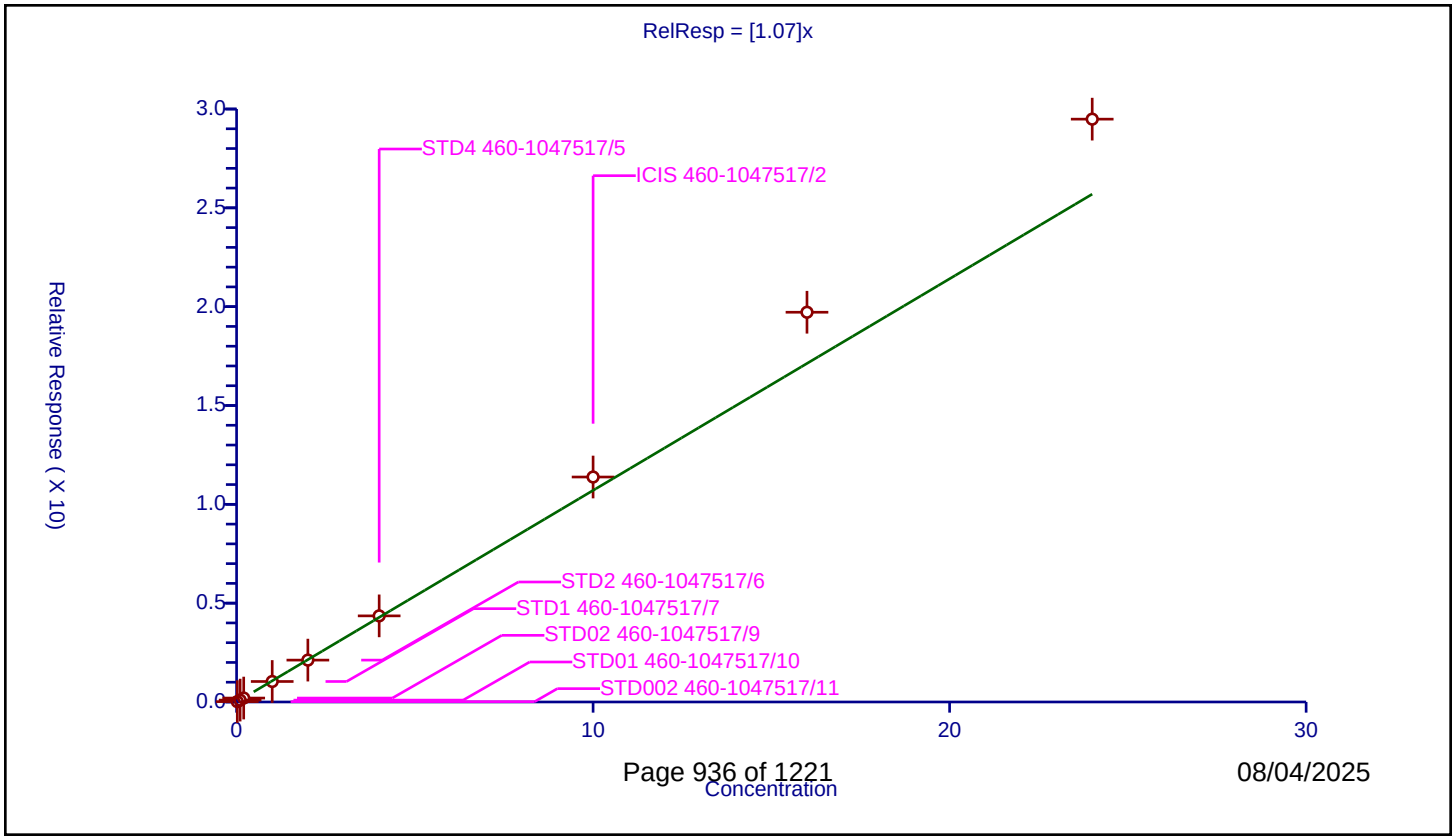
Curve Coefficients

Intercept:	0
Slope:	1.07

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.017986	8.0	952310.0	0.899287	Y
2	STD01 460-1047517/10	0.1	0.095407	8.0	984663.0	0.954073	Y
3	STD02 460-1047517/9	0.2	0.199338	8.0	1003962.0	0.996691	Y
4	STD1 460-1047517/7	1.0	1.036208	8.0	984721.0	1.036208	Y
5	STD2 460-1047517/6	2.0	2.119332	8.0	996261.0	1.059666	Y
6	STD4 460-1047517/5	4.0	4.357124	8.0	1017530.0	1.089281	Y
7	ICIS 460-1047517/2	10.0	11.381318	8.0	1059776.0	1.138132	Y
8	STD16 460-1047517/4	16.0	19.718523	8.0	910454.0	1.232408	Y
9	STD24 460-1047517/3	24.0	29.487681	8.0	879885.0	1.228653	Y



Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

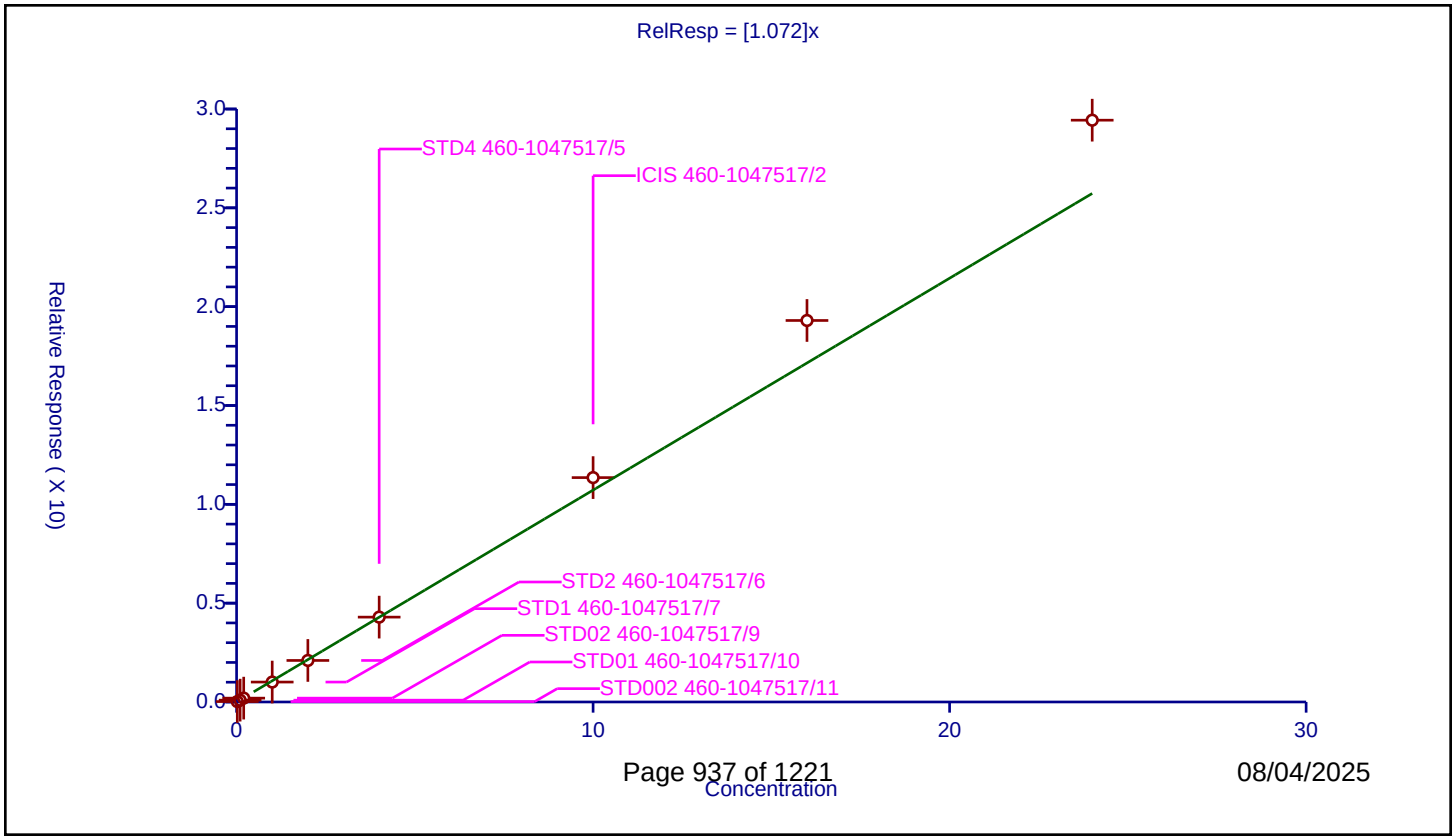
Curve Coefficients

Intercept:	0
Slope:	1.072

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1047517/11	0.02	0.020918	8.0	952310.0	1.045878	Y
2	STD01 460-1047517/10	0.1	0.092653	8.0	984663.0	0.92653	Y
3	STD02 460-1047517/9	0.2	0.195035	8.0	1003962.0	0.975176	Y
4	STD1 460-1047517/7	1.0	1.007961	8.0	984721.0	1.007961	Y
5	STD2 460-1047517/6	2.0	2.101698	8.0	996261.0	1.050849	Y
6	STD4 460-1047517/5	4.0	4.293228	8.0	1017530.0	1.073307	Y
7	ICIS 460-1047517/2	10.0	11.352422	8.0	1059776.0	1.135242	Y
8	STD16 460-1047517/4	16.0	19.301096	8.0	910454.0	1.206318	Y
9	STD24 460-1047517/3	24.0	29.434501	8.0	879885.0	1.226438	Y



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID (1): ICIS 460-1047517/2 Instrument ID (1): CBNAMS18

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 07/02/2025 10:53

ANALYTE	RT	RESOLUTION (%)
Benzo[b]fluoranthene	12.09	20.60

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93557.D
Injection Date: 02-Jul-2025 10:53:30 Instrument ID: CBNAMS18
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

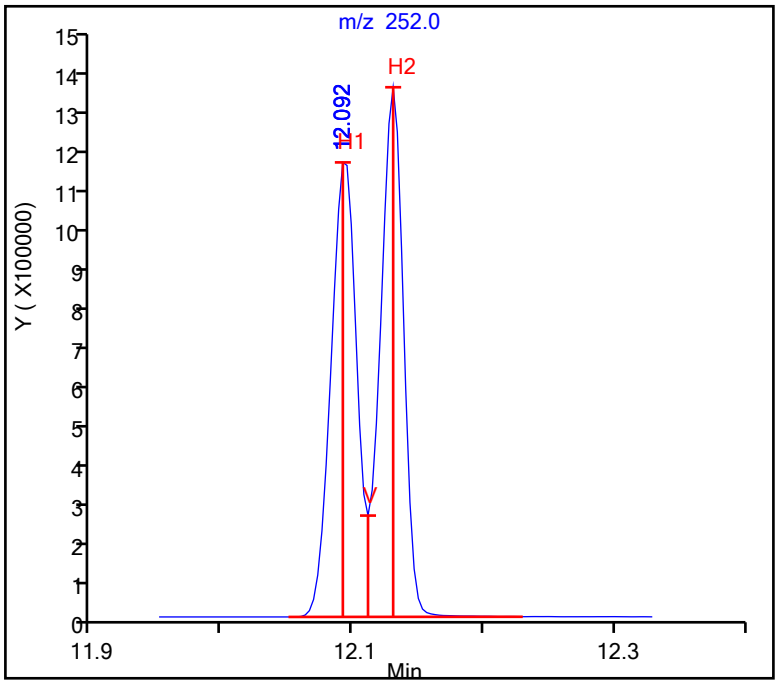
107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 254712
H1(107 Benzo[b]fluoranthen) = 1142691
H2(108 Benzo[k]fluoranthen) = 1331532

Version D: %R = 20.6 <= 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID (1): ICV 460-1047517/12 Instrument ID (1): CBNAMS18

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 07/02/2025 14:27

ANALYTE	RT	RESOLUTION (%)
Benzo[b]fluoranthene	12.09	21.90

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93567.D
Injection Date: 02-Jul-2025 14:27:30 Instrument ID: CBNAMS18
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

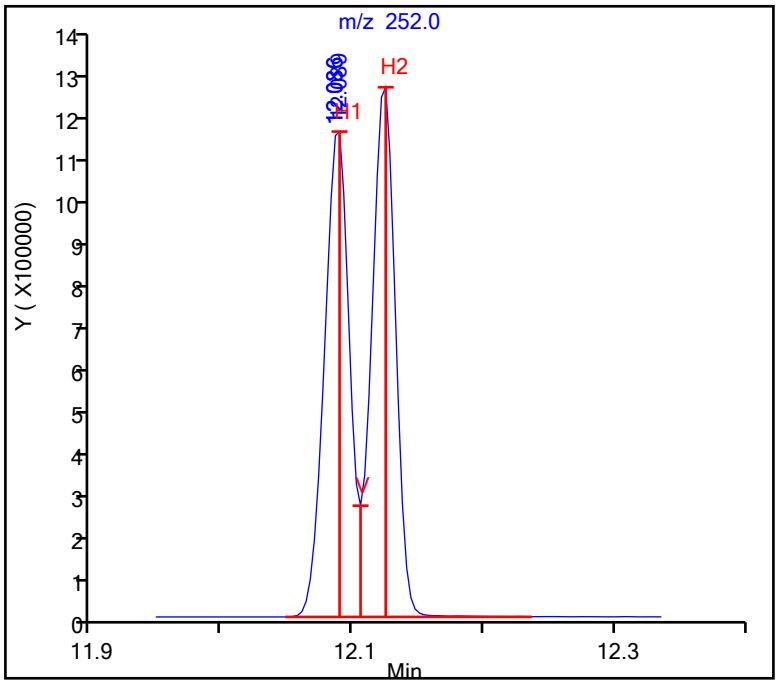
107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 263444
H1(107 Benzo[b]fluoranthen) = 1149409
H2(108 Benzo[k]fluoranthen) = 1254341

Version D: %R = 21.9 <= 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1052909/2 Instrument ID (1): CBNAMS18

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 07/31/2025 05:11

ANALYTE	RT	RESOLUTION (%)
Benzo[b]fluoranthene	12.27	22.00

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94057.D
Injection Date: 31-Jul-2025 05:11:30 Instrument ID: CBNAMS18
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

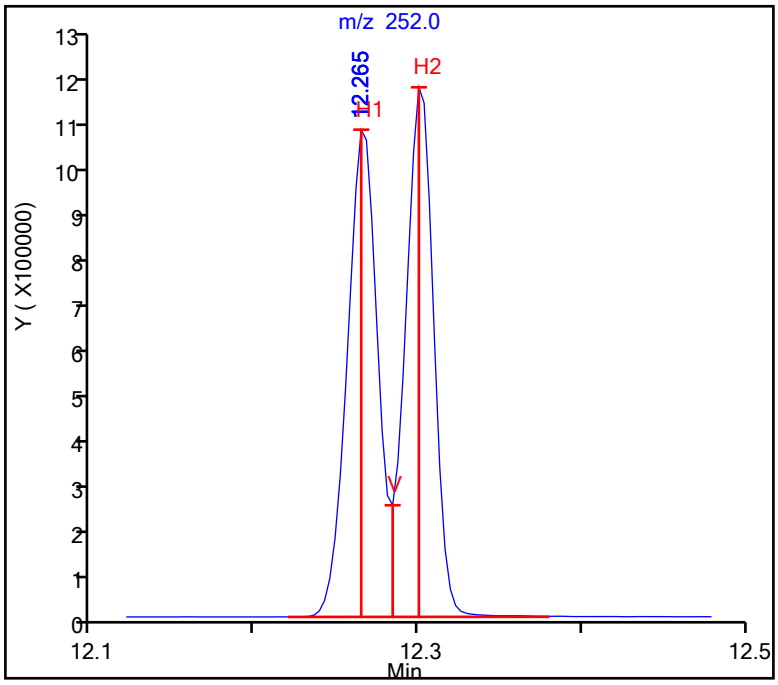
107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 236427
H1(107 Benzo[b]fluoranthen) = 1031854
H2(108 Benzo[k]fluoranthen) = 1121645

Version D: %R = 22.0 <= 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1053160/2 Instrument ID (1): CBNAMS18

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 08/01/2025 06:02

ANALYTE	RT	RESOLUTION (%)
Benzo[b]fluoranthene	12.24	21.70

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94091.D
Injection Date: 01-Aug-2025 06:02:30 Instrument ID: CBNAMS18
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

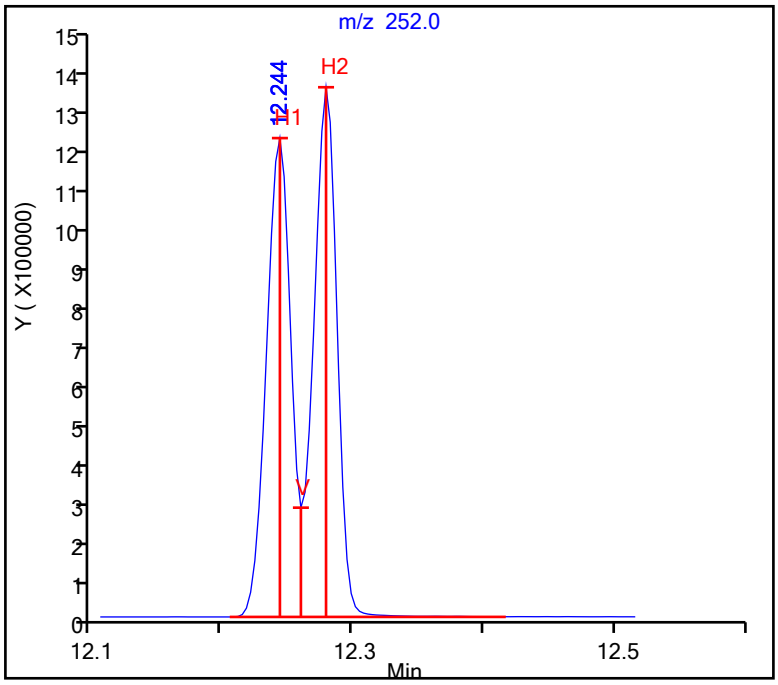
107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 273957
H1(107 Benzo[b]fluoranthen) = 1200621
H2(108 Benzo[k]fluoranthen) = 1328091

Version D: %R = 21.7 <= 50.0
Passed



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Lab Sample ID: ICV 460-1047517/12 | Calibration Date: 07/02/2025 14:27

Instrument ID: CBNAMS18 | Calib Start Date: 07/02/2025 10:53

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 07/02/2025 14:05

Lab File ID: P93567.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Lin1		0.6166		9820	10000	-1.8	30.0
N-Nitrosodimethylamine	Ave	0.9393	0.9869		10500	10000	5.1	30.0
Pyridine	Ave	1.438	1.645		22900	20000	14.4	30.0
Benzaldehyde	Ave	1.293	1.270	0.0100	3930	4000	-1.8	30.0
Phenol	Ave	2.012	2.087	0.8000	10400	10000	3.7	30.0
Aniline	Ave	2.183	2.439		11200	10000	11.7	30.0
Bis(2-chloroethyl)ether	Ave	1.456	1.527	0.7000	10500	10000	4.9	30.0
2-Chlorophenol	Ave	1.436	1.481	0.8000	10300	10000	3.1	30.0
n-Decane	Ave	1.586	1.593		10000	10000	0.5	30.0
1,3-Dichlorobenzene	Ave	1.551	1.564		10100	10000	0.8	30.0
1,4-Dichlorobenzene	Ave	1.551	1.572		10100	10000	1.4	30.0
Benzyl alcohol	Ave	0.7860	0.9161		11700	10000	16.5	30.0
1,2-Dichlorobenzene	Ave	1.462	1.489	0.0100	10200	10000	1.9	30.0
2-Methylphenol	Ave	1.270	1.337	0.7000	10500	10000	5.3	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.955	1.938	0.0100	9910	10000	-0.9	30.0
N-Methylaniline	Ave	2.198	2.390		10900	10000	8.7	30.0
Acetophenone	Ave	2.010	2.053	0.0100	10200	10000	2.1	30.0
N-Nitrosodi-n-propylamine	Ave	1.021	1.091	0.5000	10700	10000	6.9	30.0
3 & 4 Methylphenol	Ave	1.337	1.400		10500	10000	4.7	30.0
4-Methylphenol	Ave	1.301	1.373	0.6000	10600	10000	5.5	30.0
Hexachloroethane	Ave	0.5901	0.6024	0.3000	10200	10000	2.1	30.0
n,n'-Dimethylaniline	Ave	2.217	2.372		10700	10000	7.0	30.0
Nitrobenzene	Ave	0.6943	0.6970	0.2000	10000	10000	0.4	30.0
Isophorone	Ave	0.6829	0.6972	0.4000	10200	10000	2.1	30.0
2-Nitrophenol	Ave	0.1829	0.1885	0.1000	10300	10000	3.1	30.0
2,4-Dimethylphenol	Ave	0.2988	0.3061	0.2000	10200	10000	2.4	30.0
Bis(2-chloroethoxy)methane	Ave	0.4296	0.4329	0.3000	10100	10000	0.8	30.0
Benzoic acid	Lin2		0.1727		9250	10000	-7.5	30.0
2,4-Dichlorophenol	Ave	0.2484	0.2605	0.2000	10500	10000	4.9	30.0
1,2,4-Trichlorobenzene	Ave	0.2657	0.2713		10200	10000	2.1	30.0
Naphthalene	Ave	1.050	1.077	0.7000	10300	10000	2.6	30.0
4-Chloroaniline	Ave	0.3628	0.4069	0.0100	11200	10000	12.2	30.0
Hexachlorobutadiene	Ave	0.1366	0.1349	0.0100	9870	10000	-1.3	30.0
Caprolactam	Ave	0.1127	0.1217	0.0100	4320	4000	8.0	30.0
4-Chloro-3-methylphenol	Ave	0.2587	0.2773	0.2000	10700	10000	7.2	30.0
2-Methylnaphthalene	Ave	0.5964	0.5873	0.4000	9850	10000	-1.5	30.0
1-Methylnaphthalene	Ave	0.6105	0.6112		10000	10000	0.1	30.0
Hexachlorocyclopentadiene	Ave	0.4209	0.4481	0.0500	10600	10000	6.5	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5466	0.5547	0.0100	10100	10000	1.5	30.0
2-tertbutyl-4-methylphenol	Ave	0.3733	0.4000		10700	10000	7.1	30.0
2,4,6-Trichlorophenol	Ave	0.3551	0.3711	0.2000	10500	10000	4.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Lab Sample ID: ICV 460-1047517/12 | Calibration Date: 07/02/2025 14:27

Instrument ID: CBNAMS18 | Calib Start Date: 07/02/2025 10:53

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 07/02/2025 14:05

Lab File ID: P93567.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.3771	0.3876	0.2000	10300	10000	2.8	30.0
1,1'-Biphenyl	Ave	1.756	1.768	0.0100	10100	10000	0.7	30.0
2-Chloronaphthalene	Ave	1.273	1.284	0.8000	10100	10000	0.9	30.0
Phenyl ether	Ave	0.8723	0.8982		10300	10000	3.0	30.0
2-Nitroaniline	Ave	0.4138	0.4388	0.0100	10600	10000	6.1	30.0
1,3-Dimethylnaphthalene	Ave	0.9166	0.9262		10100	10000	1.0	30.0
Dimethyl phthalate	Ave	1.243	1.282	0.0100	10300	10000	3.1	30.0
Coumarin	Ave	0.1777	0.1910		10800	10000	7.5	30.0
2,6-Dinitrotoluene	Ave	0.2803	0.2946	0.2000	10500	10000	5.1	30.0
Acenaphthylene	Ave	2.069	2.116	0.6000	10200	10000	2.3	30.0
3-Nitroaniline	Ave	0.3105	0.3349	0.0100	10800	10000	7.8	30.0
Acenaphthene	Ave	1.186	1.180	0.9000	9950	10000	-0.5	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9403	0.9900		10500	10000	5.3	30.0
2,4-Dinitrophenol	Qua1		0.1811	0.0100	21400	20000	6.9	30.0
4-Nitrophenol	Lin2		0.2659	0.0100	21000	20000	5.1	30.0
Dibenzofuran	Ave	1.683	1.693	0.8000	10100	10000	0.6	30.0
2,4-Dinitrotoluene	Ave	0.3347	0.3809	0.2000	11400	10000	13.8	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.2539	0.2755	0.0100	10900	10000	8.5	30.0
Diethyl phthalate	Ave	1.241	1.302	0.0100	10500	10000	4.8	30.0
n-Octadecane	Ave	0.7437	0.7368		9910	10000	-0.9	30.0
Fluorene	Ave	1.333	1.365	0.9000	10200	10000	2.4	30.0
4-Chlorophenyl phenyl ether	Ave	0.5510	0.5596	0.4000	10200	10000	1.6	30.0
4-Nitroaniline	Ave	0.2505	0.2912	0.0100	11600	10000	16.3	30.0
4,6-Dinitro-2-methylphenol	Lin2		0.1410	0.0100	20900	20000	4.5	30.0
N-Nitrosodiphenylamine	Ave	0.6056	0.6211	0.0100	10300	10000	2.6	30.0
1,2-Diphenylhydrazine	Ave	1.027	1.068		10400	10000	4.0	30.0
4-Bromophenyl phenyl ether	Ave	0.2025	0.2133	0.1000	10500	10000	5.3	30.0
Hexachlorobenzene	Ave	0.2384	0.2426	0.1000	10200	10000	1.7	30.0
Atrazine	Ave	0.1667	0.1962	0.0100	4710	4000	17.7	30.0
Pentachlorophenol	Ave	0.1318	0.1494	0.0500	22700	20000	13.3	30.0
Pentachloronitrobenzene	Ave	0.0595	0.0637	0.0100	10700	10000	7.1	30.0
Phenanthrene	Ave	1.102	1.134	0.7000	10300	10000	2.9	30.0
Anthracene	Ave	1.125	1.167	0.7000	10400	10000	3.7	30.0
Carbazole	Ave	0.9506	1.004	0.0100	10600	10000	5.6	30.0
Di-n-butyl phthalate	Ave	1.073	1.198	0.0100	11200	10000	11.6	30.0
Fluoranthene	Ave	0.9124	0.9775	0.6000	10700	10000	7.1	30.0
Benzidine	Qua1		0.5327		11100	10000	10.9	30.0
Pyrene	Ave	1.842	1.901	0.6000	10300	10000	3.2	30.0
Bisphenol-A	Ave	0.6495	0.5905		9090	10000	-9.1	30.0
Butyl benzyl phthalate	Ave	0.7043	0.7876	0.0100	11200	10000	11.8	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: ICV 460-1047517/12 Calibration Date: 07/02/2025 14:27

Instrument ID: CBNAMS18 Calib Start Date: 07/02/2025 10:53

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/02/2025 14:05

Lab File ID: P93567.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Qua2		0.5151		10900	10000	8.8	30.0
3,3'-Dichlorobenzidine	Qua1		0.5290	0.0100	10300	10000	2.6	30.0
Benzo[a]anthracene	Lin2		1.393	0.8000	10400	10000	4.3	30.0
Chrysene	Ave	1.283	1.284	0.7000	10000	10000	0.0	30.0
Bis(2-ethylhexyl) phthalate	Qua2		1.128	0.0100	10200	10000	2.1	30.0
Di-n-octyl phthalate	Qua2		1.695	0.0100	10500	10000	4.7	30.0
Benzo[b]fluoranthene	Qua2		1.249		10500	10000	4.7	30.0
Benzo[k]fluoranthene	Ave	1.236	1.341	0.7000	10800	10000	8.5	30.0
Benzo[a]pyrene	Ave	1.063	1.169	0.7000	11000	10000	10.0	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.066	1.186	0.5000	11100	10000	11.3	30.0
Dibenz(a,h)anthracene	Ave	1.070	1.165	0.4000	10900	10000	8.8	30.0
Benzo[g,h,i]perylene	Ave	1.072	1.146	0.5000	10700	10000	6.9	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93567.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 02-Jul-2025 14:27:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0193105-012
Operator ID: Instrument ID: CBNAMS18
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 07-Jul-2025 16:26:51 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: G4KC Date: 02-Jul-2025 14:52:08

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	1,4-Dioxane	88	1.592	1.608	-0.016	95	601908	10.0	9.82	
2	N-Nitrosodimethylamine	74	1.783	1.793	-0.010	91	963387	10.0	10.5	
3	Pyridine	79	1.806	1.819	-0.013	93	3211223	20.0	22.9	
5	Benzaldehyde	77	3.591	3.588	0.003	96	496041	4.00	3.93	E
7	Phenol	94	3.686	3.687	-0.001	98	2037387	10.0	10.4	
8	Aniline	93	3.699	3.700	-0.001	99	2380757	10.0	11.2	
9	Bis(2-chloroethyl)ether	93	3.763	3.764	-0.001	96	1491009	10.0	10.5	
10	Benzonitrile	103	3.779	3.783	-0.004	99	2985227	NC	NC	
11	2-Chlorophenol	128	3.811	3.809	0.002	95	1445967	10.0	10.3	
12	n-Decane	43	3.856	3.853	0.003	90	1555440	10.0	10.0	
13	1,3-Dichlorobenzene	146	3.952	3.952	0.000	94	1526904	10.0	10.1	
* 14	1,4-Dichlorobenzene-d4	152	4.009	4.007	0.002	97	780912	8.00	8.00	
15	1,4-Dichlorobenzene	146	4.025	4.023	0.002	93	1534490	10.0	10.1	
17	Benzyl alcohol	108	4.156	4.157	-0.001	92	894210	10.0	11.7	
18	1,2-Dichlorobenzene	146	4.169	4.170	-0.001	94	1453206	10.0	10.2	
20	2-Methylphenol	108	4.268	4.269	-0.001	88	1305502	10.0	10.5	
21	2,2'-oxybis[1-chloropropane]	45	4.281	4.279	0.002	93	1891618	10.0	9.91	
22	N-Methylaniline	106	4.399	4.397	0.002	96	2333191	10.0	10.9	a
23	Acetophenone	105	4.409	4.410	-0.001	92	2004205	10.0	10.2	
24	N-Nitrosodi-n-propylamine	70	4.412	4.413	-0.001	88	1065428	10.0	10.7	
26	4-Methylphenol	108	4.425	4.426	-0.001	91	1339861	10.0	10.6	
25	3 & 4 Methylphenol	108	4.425	4.426	-0.001	0	1366358	10.0	10.5	
27	Hexachloroethane	117	4.492	4.490	0.002	93	588046	10.0	10.2	
29	Nitrobenzene	123	4.569	4.570	-0.001	84	680363	10.0	10.0	
30	n,n'-Dimethylaniline	120	4.569	4.570	-0.001	87	2315596	10.0	10.7	
31	Isophorone	82	4.799	4.800	-0.001	100	2735375	10.0	10.2	
32	2-Nitrophenol	139	4.872	4.873	-0.001	90	739606	10.0	10.3	
33	2,4-Dimethylphenol	122	4.933	4.931	0.002	91	1200838	10.0	10.2	
34	Bis(2-chloroethoxy)methane	93	5.020	5.020	0.000	99	1698346	10.0	10.1	
35	Benzoic acid	122	5.071	5.072	-0.001	91	677399	10.0	9.25	
36	2,4-Dichlorophenol	162	5.109	5.110	-0.001	94	1021994	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
37 1,2,4-Trichlorobenzene	180	5.180	5.180	0.000	94	1064498	10.0	10.2	
* 38 Naphthalene-d8	136	5.231	5.232	-0.001	99	3138667	8.00	8.00	
39 Naphthalene	128	5.253	5.254	-0.001	99	4226762	10.0	10.3	
40 4-Chloroaniline	127	5.320	5.321	-0.001	95	1596227	10.0	11.2	
41 2,6-Dichlorophenol	162	5.320	5.321	-0.001	90	984972	10.0	10.2	
42 Hexachlorobutadiene	225	5.375	5.376	-0.001	92	529175	10.0	9.87	
44 Caprolactam	55	5.659	5.660	-0.001	93	191010	4.00	4.32	
45 4-Chloro-3-methylphenol	107	5.800	5.801	-0.001	97	1087904	10.0	10.7	
46 2-Methylnaphthalene	142	5.915	5.916	-0.001	84	2304067	10.0	9.85	
47 1-Methylnaphthalene	142	6.008	6.009	-0.001	93	2397836	10.0	10.0	
48 Hexachlorocyclopentadiene	237	6.065	6.066	-0.001	96	748285	10.0	10.6	
49 1,2,4,5-Tetrachlorobenzene	216	6.075	6.076	-0.001	95	926425	10.0	10.1	
50 2-tertbutyl-4-methylphenol	149	6.129	6.130	-0.001	90	1569298	10.0	10.7	
51 2,4,6-Trichlorophenol	196	6.190	6.195	-0.005	86	619790	10.0	10.5	
52 2,4,5-Trichlorophenol	196	6.226	6.227	-0.001	94	647237	10.0	10.3	
54 1,1'-Biphenyl	154	6.363	6.364	-0.001	97	2952508	10.0	10.1	
55 2-Chloronaphthalene	162	6.376	6.377	-0.001	98	2143867	10.0	10.1	
56 Phenyl ether	170	6.466	6.467	-0.001	87	1500091	10.0	10.3	
57 2-Nitroaniline	65	6.488	6.489	-0.001	96	732842	10.0	10.6	
58 1,3-Dimethylnaphthalene	156	6.584	6.585	-0.001	91	1546717	10.0	10.1	
59 Dimethyl phthalate	163	6.674	6.675	-0.001	98	2141494	10.0	10.3	
60 Coumarin	146	6.677	6.681	-0.004	80	749466	10.0	10.8	
61 2,6-Dinitrotoluene	165	6.725	6.726	-0.001	93	491989	10.0	10.5	
62 Acenaphthylene	152	6.763	6.768	-0.005	98	3533258	10.0	10.2	
63 3-Nitroaniline	138	6.882	6.883	-0.001	94	559322	10.0	10.8	
* 64 Acenaphthene-d10	164	6.898	6.902	-0.004	95	1336033	8.00	8.00	
65 Acenaphthene	154	6.930	6.931	-0.001	97	1969925	10.0	9.95	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.939	6.940	-0.001	98	1653262	10.0	10.5	
67 2,4-Dinitrophenol	184	6.981	6.982	-0.001	92	604978	20.0	21.4	
68 4-Nitrophenol	65	7.064	7.065	-0.001	94	888249	20.0	21.0	
70 Dibenzofuran	168	7.096	7.097	-0.001	96	2827110	10.0	10.1	
69 2,4-Dinitrotoluene	165	7.099	7.100	-0.001	90	636058	10.0	11.4	
71 2,3,4,6-Tetrachlorophenol	232	7.218	7.219	-0.001	89	460105	10.0	10.9	
72 Diethyl phthalate	149	7.343	7.344	-0.002	97	2173669	10.0	10.5	
87 n-Octadecane	57	7.362	7.363	-0.001	93	1830577	10.0	9.91	
73 Fluorene	166	7.416	7.421	-0.005	95	2279715	10.0	10.2	
74 4-Chlorophenyl phenyl ether	204	7.429	7.430	-0.001	84	934509	10.0	10.2	
75 4-Nitroaniline	138	7.464	7.465	-0.001	90	486264	10.0	11.6	
76 4,6-Dinitro-2-methylphenol	198	7.484	7.488	-0.004	79	700554	20.0	20.9	
77 N-Nitrosodiphenylamine	169	7.544	7.549	-0.005	70	1543226	10.0	10.3	
131 Azobenzene	77	7.580	7.581	-0.001	98	2654962	10.0	10.1	
78 1,2-Diphenylhydrazine	77	7.580	7.581	-0.001	51	2654664	10.0	10.4	
80 4-Bromophenyl phenyl ether	248	7.887	7.888	-0.002	82	529929	10.0	10.5	
82 Hexachlorobenzene	284	7.931	7.933	-0.002	98	602704	10.0	10.2	
83 Atrazine	200	8.062	8.067	-0.005	89	194999	4.00	4.71	
84 Pentachlorophenol	266	8.130	8.131	-0.001	92	742258	20.0	22.7	
85 Pentachloronitrobenzene	237	8.136	8.138	-0.002	85	158166	10.0	10.7	
* 88 Phenanthrene-d10	188	8.296	8.298	-0.002	99	1987726	8.00	8.00	
89 Phenanthrene	178	8.319	8.320	-0.001	98	2817185	10.0	10.3	
90 Anthracene	178	8.367	8.368	-0.001	98	2899882	10.0	10.4	
91 Carbazole	167	8.530	8.535	-0.005	96	2494228	10.0	10.6	
92 Di-n-butyl phthalate	149	8.885	8.890	-0.005	99	2975508	10.0	11.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	9.438	9.440	-0.002	97	2428758	10.0	10.7	
94 Benzidine	184	9.588	9.590	-0.002	99	1323541	10.0	11.1	
95 Pyrene	202	9.649	9.651	-0.002	96	2449744	10.0	10.3	
96 Bisphenol-A	213	9.739	9.740	-0.001	96	760955	10.0	9.09	
98 Butyl benzyl phthalate	149	10.308	10.310	-0.002	97	1014845	10.0	11.2	
100 Carbamazepine	193	10.395	10.400	-0.005	93	663694	10.0	10.9	
101 3,3'-Dichlorobenzidine	252	10.829	10.835	-0.006	99	681729	10.0	10.3	
102 Benzo[a]anthracene	228	10.833	10.838	-0.005	99	1794668	10.0	10.4	
* 103 Chrysene-d12	240	10.846	10.851	-0.005	99	1030875	8.00	8.00	
104 Chrysene	228	10.874	10.877	-0.003	97	1653988	10.0	10.0	
105 Bis(2-ethylhexyl) phthalate	149	10.929	10.934	-0.005	89	1453807	10.0	10.2	
106 Di-n-octyl phthalate	149	11.699	11.705	-0.006	97	2106748	10.0	10.5	
107 Benzo[b]fluoranthene	252	12.089	12.092	-0.003	97	1552153	10.0	10.5	
108 Benzo[k]fluoranthene	252	12.125	12.130	-0.005	98	1666192	10.0	10.8	
109 Benzo[a]pyrene	252	12.502	12.508	-0.006	95	1453327	10.0	11.0	
* 110 Perylene-d12	264	12.576	12.581	-0.005	98	994311	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.005	14.011	-0.006	97	1474297	10.0	11.1	
112 Dibenz(a,h)anthracene	278	14.047	14.056	-0.009	98	1448239	10.0	10.9	
113 Benzo[g,h,i]perylene	276	14.364	14.370	-0.006	97	1424414	10.0	10.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SV_ICV_ LVI_00012 Amount Added: 1.00 Units: mL

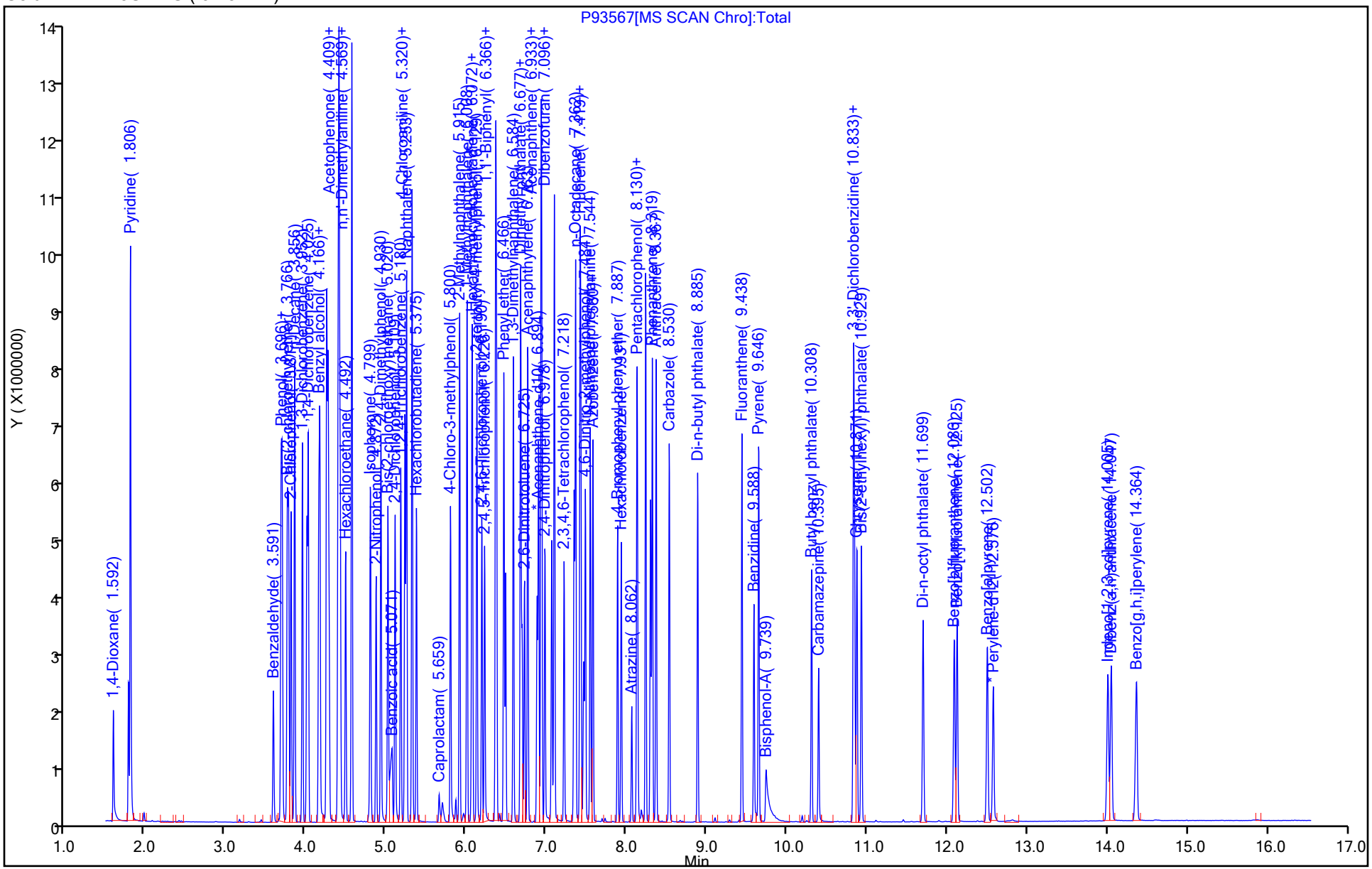
Report Date: 07-Jul-2025 16:26:55 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93567.D

Injection Date:	02-Jul-2025 14:27:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	12
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

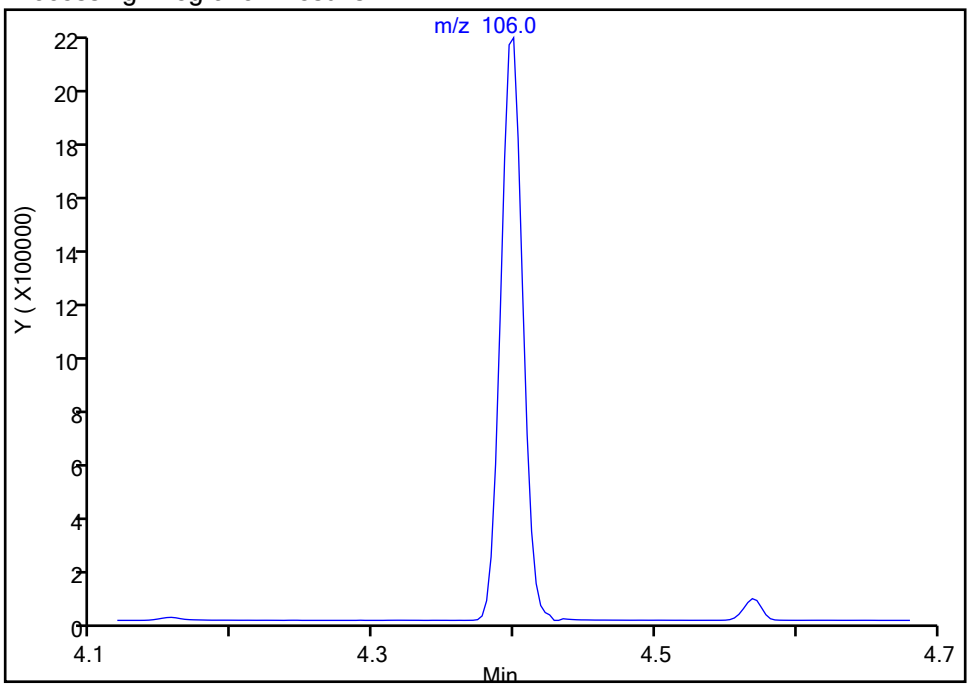
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93567.D
Injection Date: 02-Jul-2025 14:27:30 Instrument ID: CBNAMS18
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

22 N-Methylaniline, CAS: 100-61-8

Signal: 1

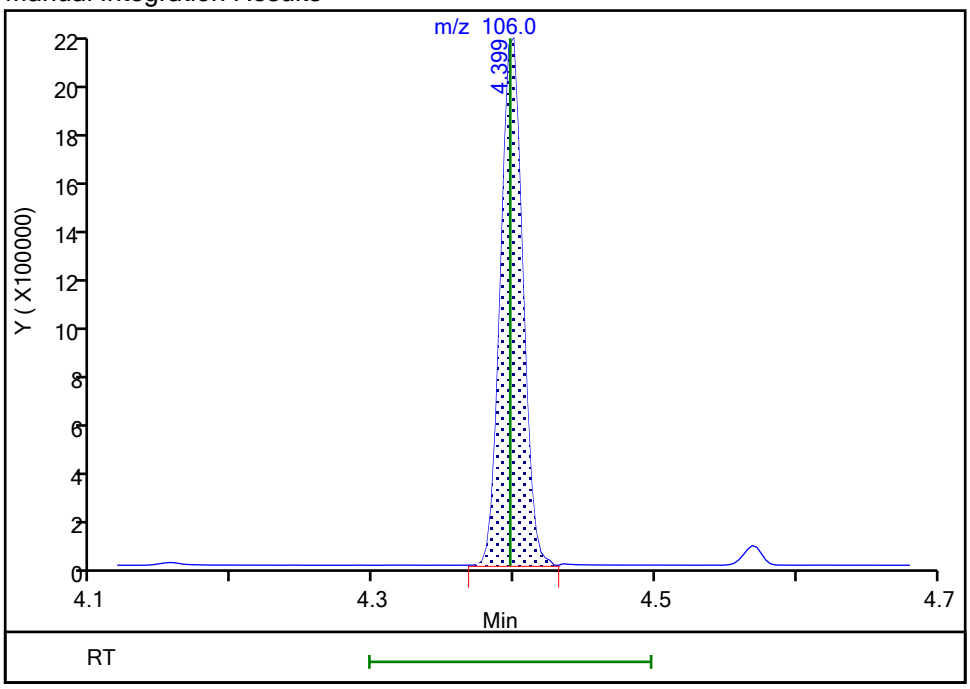
Not Detected
Expected RT: 4.40

Processing Integration Results



Manual Integration Results

RT: 4.40
Area: 2333191
Amount: 10.872428
Amount Units: ug/ml



Reviewer: G4KC, 02-Jul-2025 14:48:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Lab Sample ID: CCVIS 460-1052909/2 | Calibration Date: 07/31/2025 05:11

Instrument ID: CBNAMS18 | Calib Start Date: 07/02/2025 10:53

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 07/02/2025 14:05

Lab File ID: P94057.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Lin1		0.5213		8280	10000	-17.2	20.0
N-Nitrosodimethylamine	Ave	0.9393	0.8011		8530	10000	-14.7	20.0
Pyridine	Ave	1.438	1.291		18000	20000	-10.2	20.0
Benzaldehyde	Ave	1.293	0.4315	0.0100	1330	4000	-66.6*	20.0
Phenol	Ave	2.012	1.778	0.8000	8840	10000	-11.6	20.0
Aniline	Ave	2.183	2.042		9350	10000	-6.5	20.0
Bis(2-chloroethyl)ether	Ave	1.456	1.294	0.7000	8890	10000	-11.1	20.0
2-Chlorophenol	Ave	1.436	1.378	0.8000	9590	10000	-4.1	20.0
n-Decane	Ave	1.586	1.180		7440	10000	-25.6*	20.0
1,3-Dichlorobenzene	Ave	1.551	1.487		9580	10000	-4.2	20.0
1,4-Dichlorobenzene	Ave	1.551	1.490		9610	10000	-3.9	20.0
Benzyl alcohol	Ave	0.7860	0.7989		10200	10000	1.6	20.0
1,2-Dichlorobenzene	Ave	1.462	1.444		9880	10000	-1.2	20.0
2-Methylphenol	Ave	1.270	1.200	0.7000	9450	10000	-5.5	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.955	1.424	0.0100	7280	10000	-27.2*	20.0
Acetophenone	Ave	2.010	1.881	0.0100	9360	10000	-6.4	20.0
N-Nitrosodi-n-propylamine	Ave	1.021	0.9362	0.5000	9170	10000	-8.3	20.0
3 & 4 Methylphenol	Ave	1.337	1.284		9600	10000	-4.0	20.0
4-Methylphenol	Ave	1.301	1.262	0.6000	9700	10000	-3.0	20.0
Hexachloroethane	Ave	0.5901	0.5510	0.3000	9340	10000	-6.6	20.0
Nitrobenzene	Ave	0.6943	0.6567	0.2000	9460	10000	-5.4	20.0
n,n'-Dimethylaniline	Ave	2.217	2.185		9860	10000	-1.4	20.0
Isophorone	Ave	0.6829	0.6371	0.4000	9330	10000	-6.7	20.0
2-Nitrophenol	Ave	0.1829	0.1891	0.1000	10300	10000	3.4	20.0
2,4-Dimethylphenol	Ave	0.2988	0.3028	0.2000	10100	10000	1.3	20.0
Bis(2-chloroethoxy)methane	Ave	0.4296	0.3873	0.3000	9020	10000	-9.8	20.0
Benzoic acid	Lin2		0.1619		8710	10000	-12.9	20.0
2,4-Dichlorophenol	Ave	0.2484	0.2719	0.2000	10900	10000	9.5	20.0
1,2,4-Trichlorobenzene	Ave	0.2657	0.2903		10900	10000	9.2	20.0
Naphthalene	Ave	1.050	1.044	0.7000	9940	10000	-0.6	20.0
4-Chloroaniline	Ave	0.3628	0.3872	0.0100	10700	10000	6.7	20.0
Hexachlorobutadiene	Ave	0.1366	0.1610	0.0100	11800	10000	17.9	20.0
Caprolactam	Ave	0.1127	0.0996	0.0100	3530	4000	-11.6	20.0
4-Chloro-3-methylphenol	Ave	0.2587	0.2790	0.2000	10800	10000	7.9	20.0
2-Methylnaphthalene	Ave	0.5964	0.6136	0.4000	10300	10000	2.9	20.0
1-Methylnaphthalene	Ave	0.6105	0.6331		10400	10000	3.7	20.0
Hexachlorocyclopentadiene	Ave	0.4209	0.4696	0.0500	11200	10000	11.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5466	0.5810	0.0100	10600	10000	6.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.3733	0.4310		11500	10000	15.4	20.0
2,4,6-Trichlorophenol	Ave	0.3551	0.3838	0.2000	10800	10000	8.1	20.0
2,4,5-Trichlorophenol	Ave	0.3771	0.4050	0.2000	10700	10000	7.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Lab Sample ID: CCVIS 460-1052909/2 | Calibration Date: 07/31/2025 05:11

Instrument ID: CBNAMS18 | Calib Start Date: 07/02/2025 10:53

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 07/02/2025 14:05

Lab File ID: P94057.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.756	1.669	0.0100	9510	10000	-4.9	20.0
2-Chloronaphthalene	Ave	1.273	1.240	0.8000	9740	10000	-2.6	20.0
Phenyl ether	Ave	0.8723	0.8739		10000	10000	0.2	20.0
2-Nitroaniline	Ave	0.4138	0.3423	0.0100	8270	10000	-17.3	20.0
1,3-Dimethylnaphthalene	Ave	0.9166	0.8963		9780	10000	-2.2	20.0
Dimethyl phthalate	Ave	1.243	1.254	0.0100	10100	10000	0.9	20.0
Coumarin	Ave	0.1777	0.1965		11100	10000	10.6	20.0
2,6-Dinitrotoluene	Ave	0.2803	0.2945	0.2000	10500	10000	5.1	20.0
Acenaphthylene	Ave	2.069	2.011	0.6000	9720	10000	-2.8	20.0
3-Nitroaniline	Ave	0.3105	0.3100	0.0100	9980	10000	-0.2	20.0
Acenaphthene	Ave	1.186	1.145	0.9000	9660	10000	-3.4	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9403	1.097		11700	10000	16.7	20.0
2,4-Dinitrophenol	Qua1		0.1701	0.0100	20200	20000	1.0	20.0
4-Nitrophenol	Lin2		0.2177	0.0100	17300	20000	-13.7	20.0
Dibenzofuran	Ave	1.683	1.700	0.8000	10100	10000	1.0	20.0
2,4-Dinitrotoluene	Ave	0.3347	0.3818	0.2000	11400	10000	14.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2539	0.3100	0.0100	12200	10000	22.1*	20.0
Diethyl phthalate	Ave	1.241	1.234	0.0100	9940	10000	-0.6	20.0
n-Octadecane	Ave	0.7437	0.5415		7280	10000	-27.2*	20.0
Fluorene	Ave	1.333	1.359	0.9000	10200	10000	2.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.5510	0.6043	0.4000	11000	10000	9.7	20.0
4-Nitroaniline	Ave	0.2505	0.2646	0.0100	10600	10000	5.6	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1378	0.0100	20400	20000	2.2	20.0
N-Nitrosodiphenylamine	Ave	0.6056	0.5704	0.0100	9420	10000	-5.8	20.0
1,2-Diphenylhydrazine	Ave	1.027	0.8245		8030	10000	-19.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2025	0.2227	0.1000	11000	10000	10.0	20.0
Hexachlorobenzene	Ave	0.2384	0.2589	0.1000	10900	10000	8.6	20.0
Atrazine	Ave	0.1667	0.1891	0.0100	4540	4000	13.5	20.0
Pentachlorophenol	Ave	0.1318	0.1615	0.0500	24500	20000	22.5*	20.0
Pentachloronitrobenzene	Ave	0.0595	0.0678	0.0100	11400	10000	14.1	20.0
Phenanthrene	Ave	1.102	1.079	0.7000	9790	10000	-2.1	20.0
Anthracene	Ave	1.125	1.108	0.7000	9850	10000	-1.5	20.0
Carbazole	Ave	0.9506	0.9095	0.0100	9570	10000	-4.3	20.0
Di-n-butyl phthalate	Ave	1.073	1.051	0.0100	9790	10000	-2.1	20.0
Fluoranthene	Ave	0.9124	0.9847	0.6000	10800	10000	7.9	20.0
Benzidine	Qua1		0.2498		6010	10000	-39.9*	20.0
Pyrene	Ave	1.842	1.758	0.6000	9550	10000	-4.5	20.0
Bisphenol-A	Ave	0.6495	0.5773		8890	10000	-11.1	20.0
Butyl benzyl phthalate	Ave	0.7043	0.6099	0.0100	8660	10000	-13.4	20.0
2,3,7,8-TCDD	Ave	0.2189	0.2268		104	100	3.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: CCVIS 460-1052909/2 Calibration Date: 07/31/2025 05:11

Instrument ID: CBNAMS18 Calib Start Date: 07/02/2025 10:53

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/02/2025 14:05

Lab File ID: P94057.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Qua2		0.3763		8480	10000	-15.2	20.0
3,3'-Dichlorobenzidine	Qua1		0.4686	0.0100	9140	10000	-8.6	20.0
Benzo[a]anthracene	Lin2		1.353	0.8000	10100	10000	1.3	20.0
Chrysene	Ave	1.283	1.254	0.7000	9770	10000	-2.3	20.0
Bis(2-ethylhexyl) phthalate	Qua2		0.8668	0.0100	8270	10000	-17.3	20.0
Di-n-octyl phthalate	Qua2		1.354	0.0100	8620	10000	-13.8	20.0
Benzo[b]fluoranthene	Qua2		1.332		11100	10000	11.1	20.0
Benzo[k]fluoranthene	Ave	1.236	1.333	0.7000	10800	10000	7.9	20.0
Benzo[a]pyrene	Ave	1.063	1.258	0.7000	11800	10000	18.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.066	1.501	0.5000	14100	10000	40.8*	20.0
Dibenz(a,h)anthracene	Ave	1.070	1.525	0.4000	14200	10000	42.5*	20.0
Benzo[g,h,i]perylene	Ave	1.072	1.468	0.5000	13700	10000	37.0*	20.0
N-Methylaniline	Ave	2.198			5.00	10000		
Nitrobenzene-d5 (Surr)	Ave	0.4419	0.3689		8350	10000	-16.5	20.0
2-Fluorobiphenyl	Ave	1.624	1.485		9140	10000	-8.6	20.0
Terphenyl-d14 (Surr)	Ave	1.461	1.331		9110	10000	-8.9	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94057.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 31-Jul-2025 05:11:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194323-002
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 31-Jul-2025 08:30:56 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1663

First Level Reviewer: QQ8R Date: 31-Jul-2025 05:53:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.534	1.534	0.000	92	348366	10.0	8.28	
2 N-Nitrosodimethylamine	74	1.719	1.719	0.000	91	535354	10.0	8.53	
3 Pyridine	79	1.742	1.742	0.000	94	1726027	20.0	18.0	
$ 4 2-Fluorophenol	112	2.700	2.700	0.000	96	856784	10.0	8.44	
5 Benzaldehyde	77	3.501	3.501	0.000	95	115342	4.00	1.33	
$ 6 Phenol-d5	99	3.591	3.591	0.000	0	1097835	10.0	8.29	
7 Phenol	94	3.603	3.603	0.000	96	1188067	10.0	8.84	
8 Aniline	93	3.613	3.613	0.000	96	1364902	10.0	9.35	
9 Bis(2-chloroethyl)ether	93	3.680	3.680	0.000	98	864687	10.0	8.89	
10 Benzonitrile	103	3.696	3.696	0.000	98	1790128	NC	NC	
11 2-Chlorophenol	128	3.725	3.725	0.000	97	920950	10.0	9.59	
12 n-Decane	43	3.770	3.770	0.000	87	788479	10.0	7.44	
13 1,3-Dichlorobenzene	146	3.869	3.869	0.000	95	993594	10.0	9.58	
* 14 1,4-Dichlorobenzene-d4	152	3.926	3.926	0.000	96	534635	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.942	3.942	0.000	94	995592	10.0	9.61	
17 Benzyl alcohol	108	4.083	4.083	0.000	93	533869	10.0	10.2	
18 1,2-Dichlorobenzene	146	4.092	4.092	0.000	95	965071	10.0	9.88	
20 2-Methylphenol	108	4.201	4.201	0.000	88	802037	10.0	9.45	
21 2,2'-oxybis[1-chloropropane]	45	4.207	4.207	0.000	92	951847	10.0	7.28	
23 Acetophenone	105	4.339	4.339	0.000	94	1257125	10.0	9.36	
24 N-Nitrosodi-n-propylamine	70	4.345	4.345	0.000	87	625685	10.0	9.17	
25 3 & 4 Methylphenol	108	4.361	4.361	0.000	0	858383	10.0	9.60	
26 4-Methylphenol	108	4.361	4.361	0.000	95	843078	10.0	9.70	
27 Hexachloroethane	117	4.422	4.422	0.000	95	368214	10.0	9.34	
$ 28 Nitrobenzene-d5	82	4.486	4.486	0.000	87	955553	10.0	8.35	
29 Nitrobenzene	123	4.505	4.505	0.000	84	438900	10.0	9.46	
30 n,n'-Dimethylaniline	120	4.508	4.508	0.000	88	1460261	10.0	9.86	
31 Isophorone	82	4.744	4.744	0.000	99	1650266	10.0	9.33	
32 2-Nitrophenol	139	4.818	4.818	0.000	93	489883	10.0	10.3	
33 2,4-Dimethylphenol	122	4.885	4.885	0.000	91	784365	10.0	10.1	
34 Bis(2-chloroethoxy)methane	93	4.975	4.975	0.000	98	1003252	10.0	9.02	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.026	5.026	0.000	91	419320	10.0	8.71	
36 2,4-Dichlorophenol	162	5.064	5.064	0.000	96	704306	10.0	10.9	
37 1,2,4-Trichlorobenzene	180	5.138	5.138	0.000	94	751919	10.0	10.9	
* 38 Naphthalene-d8	136	5.189	5.189	0.000	99	2072114	8.00	8.00	
39 Naphthalene	128	5.211	5.211	0.000	99	2705080	10.0	9.94	
40 4-Chloroaniline	127	5.285	5.285	0.000	91	1002921	10.0	10.7	
41 2,6-Dichlorophenol	162	5.285	5.285	0.000	83	689238	10.0	10.8	
42 Hexachlorobutadiene	225	5.339	5.339	0.000	96	416986	10.0	11.8	
44 Caprolactam	55	5.684	5.684	0.000	96	103166	4.00	3.53	
45 4-Chloro-3-methylphenol	107	5.787	5.787	0.000	97	722708	10.0	10.8	
46 2-Methylnaphthalene	142	5.899	5.899	0.000	89	1589386	10.0	10.3	
47 1-Methylnaphthalene	142	5.994	5.994	0.000	93	1639910	10.0	10.4	
48 Hexachlorocyclopentadiene	237	6.055	6.055	0.000	97	580536	10.0	11.2	
49 1,2,4,5-Tetrachlorobenzene	216	6.065	6.065	0.000	96	718227	10.0	10.6	
50 2-tertbutyl-4-methylphenol	149	6.126	6.126	0.000	91	1116282	10.0	11.5	
51 2,4,6-Trichlorophenol	196	6.190	6.190	0.000	88	474498	10.0	10.8	
52 2,4,5-Trichlorophenol	196	6.225	6.225	0.000	96	500596	10.0	10.7	
$ 53 2-Fluorobiphenyl	172	6.270	6.270	0.000	98	1836327	10.0	9.14	
54 1,1'-Biphenyl	154	6.366	6.366	0.000	97	2063586	10.0	9.51	
55 2-Chloronaphthalene	162	6.375	6.375	0.000	99	1533275	10.0	9.74	
56 Phenyl ether	170	6.471	6.471	0.000	86	1080282	10.0	10.0	
57 2-Nitroaniline	65	6.497	6.497	0.000	95	423136	10.0	8.27	
58 1,3-Dimethylnaphthalene	156	6.593	6.593	0.000	91	1107924	10.0	9.78	
59 Dimethyl phthalate	163	6.689	6.689	0.000	99	1550380	10.0	10.1	
60 Coumarin	146	6.692	6.692	0.000	79	509018	10.0	11.1	
61 2,6-Dinitrotoluene	165	6.740	6.740	0.000	96	364011	10.0	10.5	
62 Acenaphthylene	152	6.778	6.778	0.000	98	2486334	10.0	9.72	
63 3-Nitroaniline	138	6.903	6.903	0.000	96	383224	10.0	9.98	
* 64 Acenaphthene-d10	164	6.916	6.916	0.000	96	988939	8.00	8.00	
65 Acenaphthene	154	6.948	6.948	0.000	96	1415895	10.0	9.66	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.958	6.958	0.000	97	1356688	10.0	11.7	
67 2,4-Dinitrophenol	184	7.002	7.002	0.000	96	420493	20.0	20.2	
68 4-Nitrophenol	65	7.095	7.095	0.000	93	538309	20.0	17.3	
70 Dibenzofuran	168	7.121	7.121	0.000	97	2101712	10.0	10.1	
69 2,4-Dinitrotoluene	165	7.127	7.127	0.000	94	471924	10.0	11.4	
71 2,3,4,6-Tetrachlorophenol	232	7.249	7.249	0.000	93	383223	10.0	12.2	
72 Diethyl phthalate	149	7.377	7.377	0.000	98	1525290	10.0	9.94	
87 n-Octadecane	57	7.393	7.393	0.000	93	1080069	10.0	7.28	
73 Fluorene	166	7.454	7.454	0.000	94	1680160	10.0	10.2	
74 4-Chlorophenyl phenyl ether	204	7.463	7.463	0.000	89	747038	10.0	11.0	
75 4-Nitroaniline	138	7.502	7.502	0.000	89	327076	10.0	10.6	
76 4,6-Dinitro-2-methylphenol	198	7.524	7.524	0.000	85	549794	20.0	20.4	
77 N-Nitrosodiphenylamine	169	7.585	7.585	0.000	70	1137862	10.0	9.42	
131 Azobenzene	77	7.617	7.617	0.000	99	1648465	10.0	7.82	
78 1,2-Diphenylhydrazine	77	7.617	7.617	0.000	51	1644602	10.0	8.03	
$ 79 2,4,6-Tribromophenol	330	7.687	7.687	0.000	94	292046	10.0	11.2	
80 4-Bromophenyl phenyl ether	248	7.933	7.933	0.000	89	444300	10.0	11.0	
82 Hexachlorobenzene	284	7.982	7.982	0.000	96	516459	10.0	10.9	
83 Atrazine	200	8.116	8.116	0.000	93	150910	4.00	4.54	
84 Pentachlorophenol	266	8.183	8.183	0.000	95	644315	20.0	24.5	
85 Pentachloronitrobenzene	237	8.193	8.193	0.000	89	135275	10.0	11.4	
* 88 Phenanthrene-d10	188	8.356	8.356	0.000	99	1595811	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.379	8.379	0.000	97	2151882	10.0	9.79	
90 Anthracene	178	8.430	8.430	0.000	98	2211047	10.0	9.85	
91 Carbazole	167	8.599	8.599	0.000	96	1814200	10.0	9.57	
92 Di-n-butyl phthalate	149	8.957	8.957	0.000	99	2096378	10.0	9.79	
93 Fluoranthene	202	9.526	9.526	0.000	98	1964268	10.0	10.8	
94 Benzidine	184	9.680	9.680	0.000	99	498241	10.0	6.01	M
95 Pyrene	202	9.744	9.744	0.000	97	1978335	10.0	9.55	
96 Bisphenol-A	213	9.830	9.830	0.000	98	649549	10.0	8.89	
$ 97 Terphenyl-d14	244	9.914	9.914	0.000	98	1497198	10.0	9.11	
98 Butyl benzyl phthalate	149	10.416	10.416	0.000	98	686191	10.0	8.66	
99 2,3,7,8-TCDD	320	10.483	10.483	0.000	93	2552	0.1000	0.1036	
100 Carbamazepine	193	10.512	10.512	0.000	93	423427	10.0	8.48	
101 3,3'-Dichlorobenzidine	252	10.969	10.969	0.000	99	527236	10.0	9.14	
102 Benzo[a]anthracene	228	10.976	10.976	0.000	100	1522566	10.0	10.1	
* 103 Chrysene-d12	240	10.985	10.985	0.000	99	900104	8.00	8.00	
104 Chrysene	228	11.014	11.014	0.000	98	1410540	10.0	9.77	
105 Bis(2-ethylhexyl) phthalate	149	11.062	11.062	0.000	87	975294	10.0	8.27	
106 Di-n-octyl phthalate	149	11.859	11.859	0.000	97	1383758	10.0	8.62	
107 Benzo[b]fluoranthene	252	12.265	12.265	0.000	98	1361702	10.0	11.1	
108 Benzo[k]fluoranthene	252	12.300	12.300	0.000	99	1362229	10.0	10.8	
109 Benzo[a]pyrene	252	12.674	12.674	0.000	97	1285748	10.0	11.8	
* 110 Perylene-d12	264	12.748	12.748	0.000	97	817567	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.114	14.114	0.000	99	1533452	10.0	14.1	
112 Dibenz(a,h)anthracene	278	14.153	14.153	0.000	98	1558591	10.0	14.2	
113 Benzo[g,h,i]perylene	276	14.454	14.454	0.000	97	1500301	10.0	13.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL7_LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 31-Jul-2025 08:30:58 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94057.D

Injection Date: 31-Jul-2025 05:11:30 Instrument ID: CBNAMS18 Operator ID:

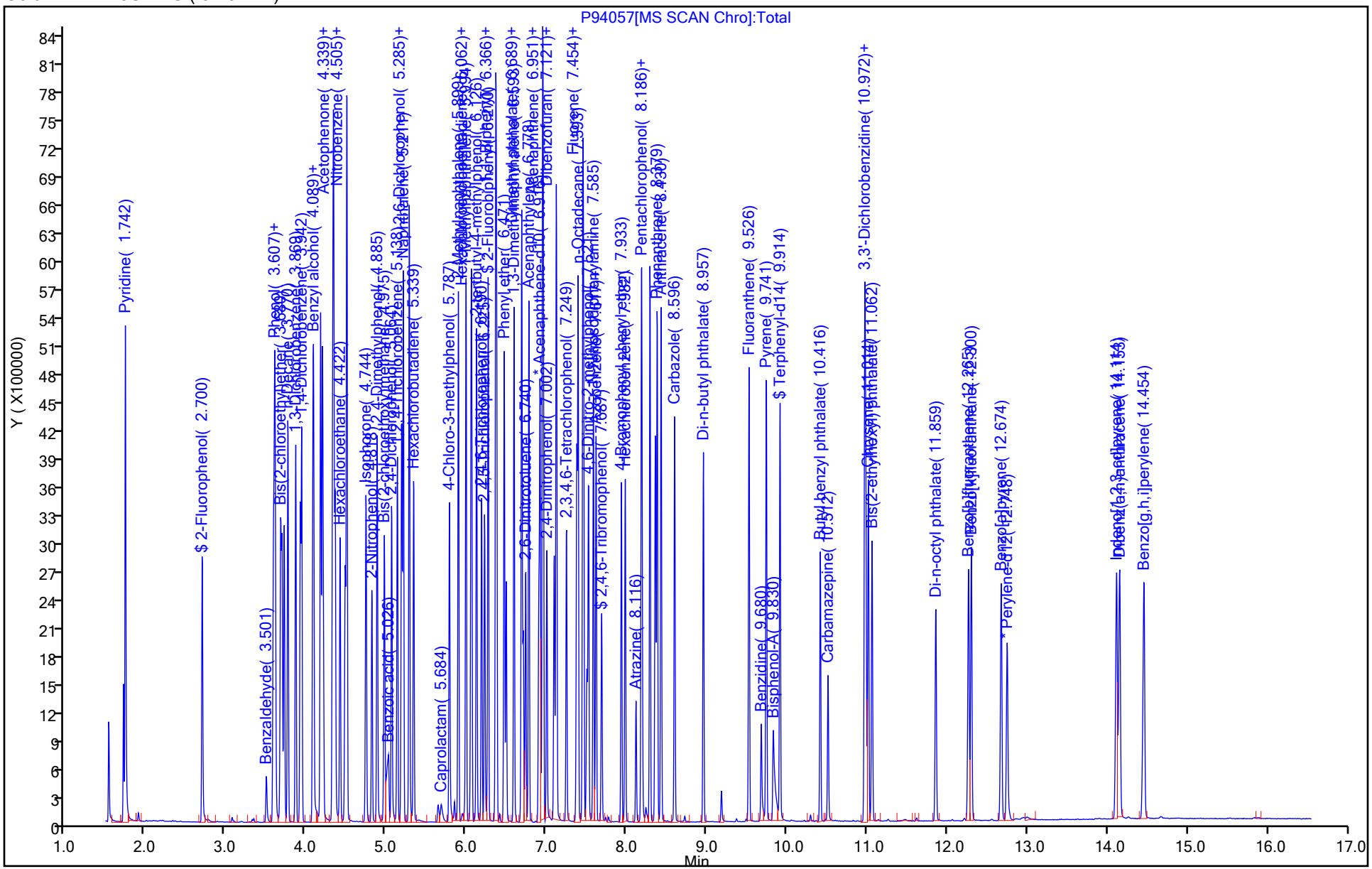
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

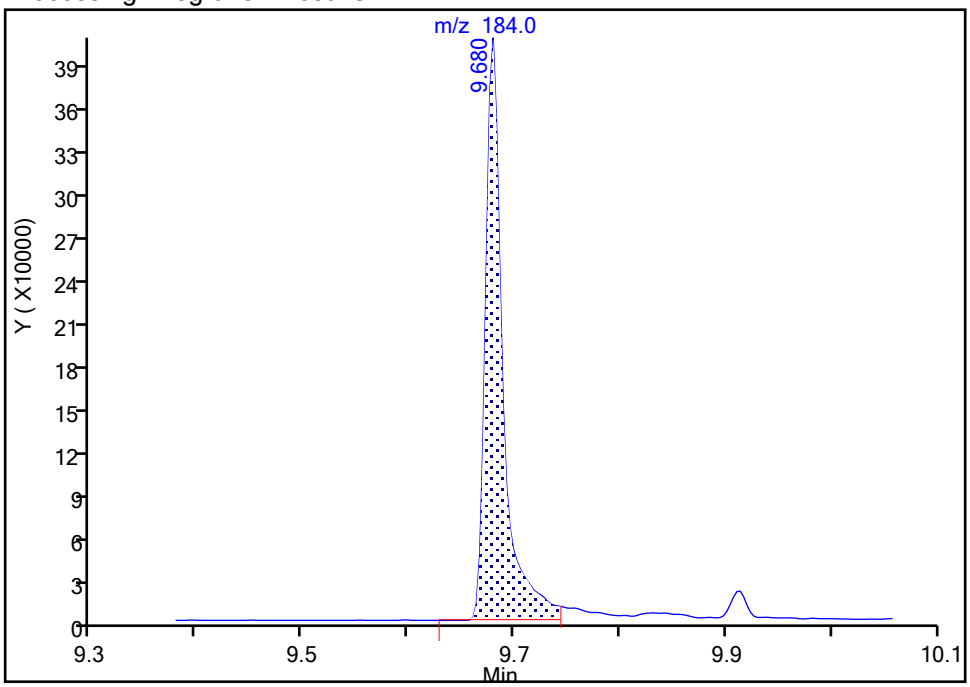
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94057.D
Injection Date: 31-Jul-2025 05:11:30 Instrument ID: CBNAMS18
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

94 Benzidine, CAS: 92-87-5

Signal: 1

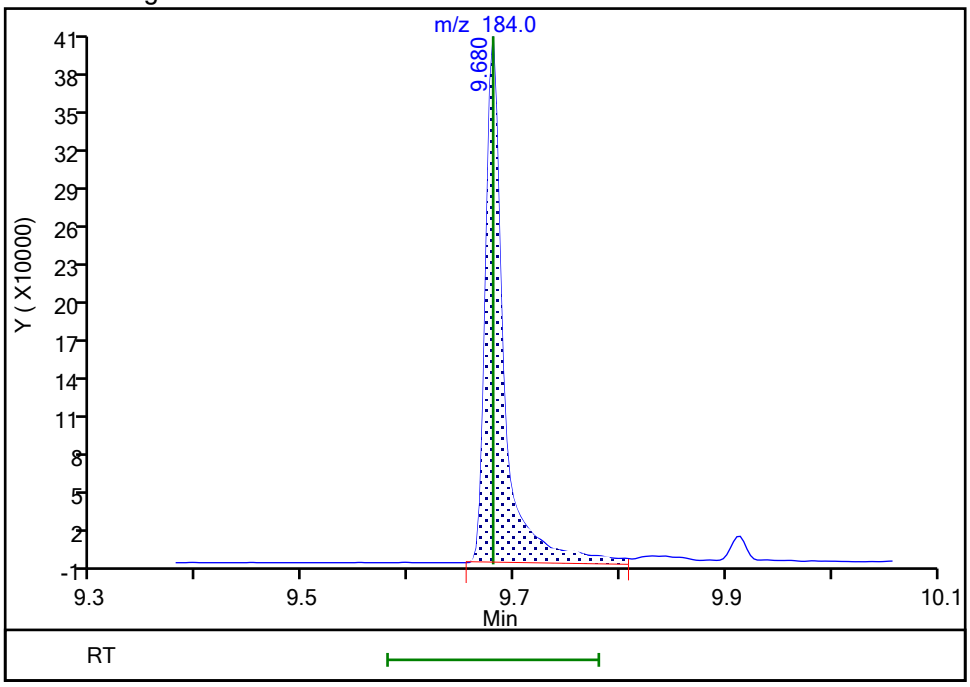
Processing Integration Results

RT: 9.68
Area: 474677
Amount: 5.769081
Amount Units: ug/ml



Manual Integration Results

RT: 9.68
Area: 498241
Amount: 6.010212
Amount Units: ug/ml



Reviewer: QQ8R, 31-Jul-2025 05:34:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Analyst error

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Lab Sample ID: CCVIS 460-1053160/2 | Calibration Date: 08/01/2025 06:02

Instrument ID: CBNAMS18 | Calib Start Date: 07/02/2025 10:53

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 07/02/2025 14:05

Lab File ID: P94091.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Lin1		0.5195	0.0100	8250	10000	-17.5	20.0
N-Nitrosodimethylamine	Ave	0.9393	0.8196		8730	10000	-12.7	20.0
Pyridine	Ave	1.438	1.339		18600	20000	-6.9	20.0
Benzaldehyde	Ave	1.293	0.4315	0.0100	1330	4000	-66.6*	20.0
Phenol	Ave	2.012	1.815	0.8000	9020	10000	-9.8	20.0
Aniline	Ave	2.183	2.082		9530	10000	-4.7	20.0
Bis(2-chloroethyl)ether	Ave	1.456	1.324	0.7000	9100	10000	-9.0	20.0
2-Chlorophenol	Ave	1.436	1.372	0.8000	9550	10000	-4.5	20.0
n-Decane	Ave	1.586	1.217		7670	10000	-23.3*	20.0
1,3-Dichlorobenzene	Ave	1.551	1.515		9760	10000	-2.4	20.0
1,4-Dichlorobenzene	Ave	1.551	1.527		9850	10000	-1.5	20.0
Benzyl alcohol	Ave	0.7860	0.8079		10300	10000	2.8	20.0
1,2-Dichlorobenzene	Ave	1.462	1.457		9970	10000	-0.3	20.0
2-Methylphenol	Ave	1.270	1.219	0.7000	9600	10000	-4.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.955	1.460	0.0100	7470	10000	-25.3*	20.0
N-Methylaniline	Ave	2.198	2.179		9910	10000	-0.9	20.0
Acetophenone	Ave	2.010	1.925	0.0100	9580	10000	-4.2	20.0
N-Nitrosodi-n-propylamine	Ave	1.021	0.9684	0.5000	9480	10000	-5.2	20.0
3 & 4 Methylphenol	Ave	1.337	1.279		9570	10000	-4.3	20.0
4-Methylphenol	Ave	1.301	1.281	0.6000	9850	10000	-1.5	20.0
Hexachloroethane	Ave	0.5901	0.5483	0.3000	9290	10000	-7.1	20.0
n,n'-Dimethylaniline	Ave	2.217	2.202		9930	10000	-0.7	20.0
Nitrobenzene	Ave	0.6943	0.6670	0.2000	9610	10000	-3.9	20.0
Isophorone	Ave	0.6829	0.6366	0.4000	9320	10000	-6.8	20.0
2-Nitrophenol	Ave	0.1829	0.1897	0.1000	10400	10000	3.7	20.0
2,4-Dimethylphenol	Ave	0.2988	0.2979	0.2000	9970	10000	-0.3	20.0
Bis(2-chloroethoxy)methane	Ave	0.4296	0.3910	0.3000	9100	10000	-9.0	20.0
Benzoic acid	Lin2		0.1880		10000	10000	0.1	20.0
2,4-Dichlorophenol	Ave	0.2484	0.2698	0.2000	10900	10000	8.6	20.0
1,2,4-Trichlorobenzene	Ave	0.2657	0.2856		10700	10000	7.5	20.0
Naphthalene	Ave	1.050	1.039	0.7000	9900	10000	-1.0	20.0
4-Chloroaniline	Ave	0.3628	0.3825	0.0100	10500	10000	5.4	20.0
Hexachlorobutadiene	Ave	0.1366	0.1554	0.0100	11400	10000	13.8	20.0
Caprolactam	Ave	0.1127	0.1108	0.0100	3930	4000	-1.7	20.0
4-Chloro-3-methylphenol	Ave	0.2587	0.2811	0.2000	10900	10000	8.7	20.0
2-Methylnaphthalene	Ave	0.5964	0.6097	0.4000	10200	10000	2.2	20.0
1-Methylnaphthalene	Ave	0.6105	0.6271		10300	10000	2.7	20.0
Hexachlorocyclopentadiene	Ave	0.4209	0.4515	0.0500	10700	10000	7.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5466	0.5651	0.0100	10300	10000	3.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.3733	0.4260		11400	10000	14.1	20.0
2,4,6-Trichlorophenol	Ave	0.3551	0.3840	0.2000	10800	10000	8.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: CCVIS 460-1053160/2 Calibration Date: 08/01/2025 06:02

Instrument ID: CBNAMS18 Calib Start Date: 07/02/2025 10:53

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/02/2025 14:05

Lab File ID: P94091.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.3771	0.4067	0.2000	10800	10000	7.8	20.0
1,1'-Biphenyl	Ave	1.756	1.647	0.0100	9380	10000	-6.2	20.0
2-Chloronaphthalene	Ave	1.273	1.227	0.8000	9640	10000	-3.6	20.0
Phenyl ether	Ave	0.8723	0.8661		9930	10000	-0.7	20.0
2-Nitroaniline	Ave	0.4138	0.3549	0.0100	8580	10000	-14.2	20.0
1,3-Dimethylnaphthalene	Ave	0.9166	0.8809		9610	10000	-3.9	20.0
Dimethyl phthalate	Ave	1.243	1.292	0.0100	10400	10000	3.9	20.0
Coumarin	Ave	0.1777	0.2127		12000	10000	19.7	20.0
2,6-Dinitrotoluene	Ave	0.2803	0.2992	0.2000	10700	10000	6.7	20.0
Acenaphthylene	Ave	2.069	2.023	0.6000	9780	10000	-2.2	20.0
3-Nitroaniline	Ave	0.3105	0.3206	0.0100	10300	10000	3.2	20.0
Acenaphthene	Ave	1.186	1.146	0.9000	9670	10000	-3.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9403	1.080		11500	10000	14.8	20.0
2,4-Dinitrophenol	Qua1		0.1882	0.0100	22100	20000	10.7	20.0
4-Nitrophenol	Lin2		0.2413	0.0100	19100	20000	-4.5	20.0
Dibenzofuran	Ave	1.683	1.705	0.8000	10100	10000	1.3	20.0
2,4-Dinitrotoluene	Ave	0.3347	0.3910	0.2000	11700	10000	16.8	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2539	0.3194	0.0100	12600	10000	25.8*	20.0
Diethyl phthalate	Ave	1.241	1.305	0.0100	10500	10000	5.1	20.0
n-Octadecane	Ave	0.7437	0.5223		7020	10000	-29.8*	20.0
Fluorene	Ave	1.333	1.389	0.9000	10400	10000	4.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.5510	0.6188	0.4000	11200	10000	12.3	20.0
4-Nitroaniline	Ave	0.2505	0.2866	0.0100	11400	10000	14.4	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1392	0.0100	20600	20000	3.2	20.0
N-Nitrosodiphenylamine	Ave	0.6056	0.5683	0.0100	9390	10000	-6.1	20.0
1,2-Diphenylhydrazine	Ave	1.027	0.8162		7950	10000	-20.5*	20.0
4-Bromophenyl phenyl ether	Ave	0.2025	0.2156	0.1000	10600	10000	6.5	20.0
Hexachlorobenzene	Ave	0.2384	0.2577	0.1000	10800	10000	8.1	20.0
Atrazine	Ave	0.1667	0.1900	0.0100	4560	4000	14.0	20.0
Pentachlorophenol	Ave	0.1318	0.1612	0.0500	24500	20000	22.3*	20.0
Pentachloronitrobenzene	Ave	0.0595	0.0660	0.0100	11100	10000	11.0	20.0
Phenanthrene	Ave	1.102	1.063	0.7000	9650	10000	-3.5	20.0
Anthracene	Ave	1.125	1.102	0.7000	9800	10000	-2.0	20.0
Carbazole	Ave	0.9506	0.9411	0.0100	9900	10000	-1.0	20.0
Di-n-butyl phthalate	Ave	1.073	1.091	0.0100	10200	10000	1.7	20.0
Fluoranthene	Ave	0.9124	0.9925	0.6000	10900	10000	8.8	20.0
Benzidine	Qua1		0.2854		6720	10000	-32.8*	20.0
Pyrene	Ave	1.842	1.778	0.6000	9650	10000	-3.5	20.0
Bisphenol-A	Ave	0.6495	0.6299		9700	10000	-3.0	20.0
Butyl benzyl phthalate	Ave	0.7043	0.6631	0.0100	9410	10000	-5.9	20.0

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Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: CCVIS 460-1053160/2 Calibration Date: 08/01/2025 06:02

Instrument ID: CBNAMS18 Calib Start Date: 07/02/2025 10:53

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/02/2025 14:05

Lab File ID: P94091.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2189	0.2360		108	100	7.8	20.0
Carbamazepine	Qua2		0.4279		9400	10000	-6.0	20.0
3,3'-Dichlorobenzidine	Qua1		0.4852	0.0100	9450	10000	-5.5	20.0
Benzo[a]anthracene	Lin2		1.367	0.8000	10200	10000	2.4	20.0
Chrysene	Ave	1.283	1.263	0.7000	9840	10000	-1.6	20.0
Bis(2-ethylhexyl) phthalate	Qua2		0.9469	0.0100	8880	10000	-11.2	20.0
Di-n-octyl phthalate	Qua2		1.537	0.0100	9630	10000	-3.7	20.0
Benzo[b]fluoranthene	Qua2		1.246		10400	10000	4.4	20.0
Benzo[k]fluoranthene	Ave	1.236	1.288	0.7000	10400	10000	4.2	20.0
Benzo[a]pyrene	Ave	1.063	1.140	0.7000	10700	10000	7.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.066	1.092	0.5000	10200	10000	2.4	20.0
Dibenz(a,h)anthracene	Ave	1.070	1.074	0.4000	10000	10000	0.4	20.0
Benzo[g,h,i]perylene	Ave	1.072	1.064	0.5000	9920	10000	-0.8	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4419	0.3706		8390	10000	-16.1	20.0
2-Fluorobiphenyl	Ave	1.624	1.478		9100	10000	-9.0	20.0
Terphenyl-d14 (Surr)	Ave	1.461	1.367		9360	10000	-6.4	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94091.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Aug-2025 06:02:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-002
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:19:09 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 06:40:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.543	1.543	0.000	93	401557	10.0	8.25	
2 N-Nitrosodimethylamine	74	1.725	1.725	0.000	91	633488	10.0	8.73	
3 Pyridine	79	1.747	1.747	0.000	95	2069689	20.0	18.6	
$ 4 2-Fluorophenol	112	2.696	2.696	0.000	96	1001301	10.0	8.53	
5 Benzaldehyde	77	3.494	3.494	0.000	97	133409	4.00	1.33	
$ 6 Phenol-d5	99	3.584	3.584	0.000	0	1279015	10.0	8.35	
7 Phenol	94	3.596	3.596	0.000	98	1402538	10.0	9.02	
8 Aniline	93	3.603	3.603	0.000	96	1609072	10.0	9.53	
9 Bis(2-chloroethyl)ether	93	3.670	3.670	0.000	98	1023635	10.0	9.10	
10 Benzonitrile	103	3.686	3.686	0.000	98	2088749	NC	NC	
11 2-Chlorophenol	128	3.715	3.715	0.000	96	1060159	10.0	9.55	
12 n-Decane	43	3.760	3.760	0.000	88	940669	10.0	7.67	
13 1,3-Dichlorobenzene	146	3.859	3.859	0.000	95	1170595	10.0	9.76	
* 14 1,4-Dichlorobenzene-d4	152	3.916	3.916	0.000	96	618325	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.932	3.932	0.000	94	1180373	10.0	9.85	
17 Benzyl alcohol	108	4.073	4.073	0.000	93	624463	10.0	10.3	
18 1,2-Dichlorobenzene	146	4.079	4.079	0.000	96	1125926	10.0	9.97	
20 2-Methylphenol	108	4.194	4.194	0.000	89	942142	10.0	9.60	
21 2,2'-oxybis[1-chloropropane]	45	4.197	4.197	0.000	91	1128783	10.0	7.47	
22 N-Methylaniline	106	4.319	4.319	0.000	97	1683977	10.0	9.91	a
23 Acetophenone	105	4.332	4.332	0.000	94	1488099	10.0	9.58	
24 N-Nitrosodi-n-propylamine	70	4.335	4.335	0.000	87	748495	10.0	9.48	
25 3 & 4 Methylphenol	108	4.354	4.354	0.000	0	988791	10.0	9.57	
26 4-Methylphenol	108	4.354	4.354	0.000	98	990211	10.0	9.85	
27 Hexachloroethane	117	4.408	4.408	0.000	95	423762	10.0	9.29	
$ 28 Nitrobenzene-d5	82	4.476	4.476	0.000	87	1145838	10.0	8.39	
29 Nitrobenzene	123	4.495	4.495	0.000	95	515515	10.0	9.61	
30 n,n'-Dimethylaniline	120	4.495	4.495	0.000	88	1701665	10.0	9.93	
31 Isophorone	82	4.735	4.735	0.000	99	1968602	10.0	9.32	
32 2-Nitrophenol	139	4.808	4.808	0.000	93	586599	10.0	10.4	
33 2,4-Dimethylphenol	122	4.875	4.875	0.000	91	921201	10.0	9.97	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.965	4.965	0.000	98	1209036	10.0	9.10	
35 Benzoic acid	122	5.032	5.032	0.000	86	581248	10.0	10.0	
36 2,4-Dichlorophenol	162	5.057	5.057	0.000	96	834131	10.0	10.9	
37 1,2,4-Trichlorobenzene	180	5.125	5.125	0.000	95	883164	10.0	10.7	
* 38 Naphthalene-d8	136	5.179	5.179	0.000	99	2473772	8.00	8.00	
39 Naphthalene	128	5.198	5.198	0.000	99	3214211	10.0	9.90	
40 4-Chloroaniline	127	5.275	5.275	0.000	91	1182652	10.0	10.5	
41 2,6-Dichlorophenol	162	5.275	5.275	0.000	80	816683	10.0	10.7	
42 Hexachlorobutadiene	225	5.330	5.330	0.000	95	480517	10.0	11.4	
44 Caprolactam	55	5.687	5.687	0.000	95	137062	4.00	3.93	
45 4-Chloro-3-methylphenol	107	5.780	5.780	0.000	97	869236	10.0	10.9	
46 2-Methylnaphthalene	142	5.886	5.886	0.000	85	1885462	10.0	10.2	
47 1-Methylnaphthalene	142	5.982	5.982	0.000	92	1939270	10.0	10.3	
48 Hexachlorocyclopentadiene	237	6.043	6.043	0.000	97	680349	10.0	10.7	
49 1,2,4,5-Tetrachlorobenzene	216	6.052	6.052	0.000	97	851401	10.0	10.3	
50 2-tertbutyl-4-methylphenol	149	6.116	6.116	0.000	91	1317411	10.0	11.4	
51 2,4,6-Trichlorophenol	196	6.177	6.177	0.000	89	578651	10.0	10.8	
52 2,4,5-Trichlorophenol	196	6.219	6.219	0.000	96	612793	10.0	10.8	
$ 53 2-Fluorobiphenyl	172	6.257	6.257	0.000	98	2227289	10.0	9.10	
54 1,1'-Biphenyl	154	6.353	6.353	0.000	96	2481825	10.0	9.38	
55 2-Chloronaphthalene	162	6.363	6.363	0.000	99	1848996	10.0	9.64	
56 Phenyl ether	170	6.459	6.459	0.000	86	1304963	10.0	9.93	
57 2-Nitroaniline	65	6.484	6.484	0.000	96	534698	10.0	8.58	
58 1,3-Dimethylnaphthalene	156	6.580	6.580	0.000	91	1327381	10.0	9.61	
59 Dimethyl phthalate	163	6.676	6.676	0.000	99	1947007	10.0	10.4	
60 Coumarin	146	6.680	6.680	0.000	78	657829	10.0	12.0	
61 2,6-Dinitrotoluene	165	6.728	6.728	0.000	96	450847	10.0	10.7	
62 Acenaphthylene	152	6.766	6.766	0.000	98	3048275	10.0	9.78	
63 3-Nitroaniline	138	6.891	6.891	0.000	96	483100	10.0	10.3	
* 64 Acenaphthene-d10	164	6.904	6.904	0.000	96	1205410	8.00	8.00	
65 Acenaphthene	154	6.936	6.936	0.000	96	1726922	10.0	9.67	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.949	6.949	0.000	97	1626944	10.0	11.5	
67 2,4-Dinitrophenol	184	6.993	6.993	0.000	96	567158	20.0	22.1	
68 4-Nitrophenol	65	7.089	7.089	0.000	93	727122	20.0	19.1	a
70 Dibenzofuran	168	7.109	7.109	0.000	99	2569189	10.0	10.1	
69 2,4-Dinitrotoluene	165	7.115	7.115	0.000	92	589106	10.0	11.7	
71 2,3,4,6-Tetrachlorophenol	232	7.237	7.237	0.000	93	481283	10.0	12.6	
72 Diethyl phthalate	149	7.365	7.365	0.000	98	1966292	10.0	10.5	
87 n-Octadecane	57	7.381	7.381	0.000	93	1331454	10.0	7.02	
73 Fluorene	166	7.438	7.438	0.000	96	2093643	10.0	10.4	
74 4-Chlorophenyl phenyl ether	204	7.451	7.451	0.000	88	932438	10.0	11.2	
75 4-Nitroaniline	138	7.493	7.493	0.000	90	431876	10.0	11.4	
76 4,6-Dinitro-2-methylphenol	198	7.512	7.512	0.000	87	709448	20.0	20.6	
77 N-Nitrosodiphenylamine	169	7.573	7.573	0.000	69	1448761	10.0	9.39	
131 Azobenzene	77	7.605	7.605	0.000	99	2084109	10.0	7.74	
78 1,2-Diphenylhydrazine	77	7.605	7.605	0.000	51	2080575	10.0	7.95	
$ 79 2,4,6-Tribromophenol	330	7.675	7.675	0.000	94	371954	10.0	11.7	
80 4-Bromophenyl phenyl ether	248	7.922	7.922	0.000	89	549544	10.0	10.6	
82 Hexachlorobenzene	284	7.970	7.970	0.000	96	656872	10.0	10.8	
83 Atrazine	200	8.104	8.104	0.000	93	193714	4.00	4.56	
84 Pentachlorophenol	266	8.171	8.171	0.000	95	822003	20.0	24.5	
85 Pentachloronitrobenzene	237	8.181	8.181	0.000	88	168174	10.0	11.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.344	8.344	0.000	99	2039278	8.00	8.00	
89 Phenanthrene	178	8.367	8.367	0.000	98	2710221	10.0	9.65	
90 Anthracene	178	8.415	8.415	0.000	98	2809399	10.0	9.80	
91 Carbazole	167	8.584	8.584	0.000	96	2398879	10.0	9.90	
92 Di-n-butyl phthalate	149	8.943	8.943	0.000	99	2782189	10.0	10.2	
93 Fluoranthene	202	9.512	9.512	0.000	98	2530002	10.0	10.9	
94 Benzidine	184	9.665	9.665	0.000	99	727421	10.0	6.72	
95 Pyrene	202	9.726	9.726	0.000	97	2545597	10.0	9.65	
96 Bisphenol-A	213	9.819	9.819	0.000	98	902023	10.0	9.70	
$ 97 Terphenyl-d14	244	9.899	9.899	0.000	98	1958053	10.0	9.36	
98 Butyl benzyl phthalate	149	10.401	10.401	0.000	98	949549	10.0	9.41	
99 2,3,7,8-TCDD	320	10.465	10.465	0.000	91	3379	0.1000	0.1078	
100 Carbamazepine	193	10.497	10.497	0.000	93	612727	10.0	9.40	
101 3,3'-Dichlorobenzidine	252	10.952	10.952	0.000	99	694843	10.0	9.45	
102 Benzo[a]anthracene	228	10.955	10.955	0.000	99	1957502	10.0	10.2	
* 103 Chrysene-d12	240	10.968	10.968	0.000	99	1145563	8.00	8.00	
104 Chrysene	228	11.000	11.000	0.000	99	1808711	10.0	9.84	
105 Bis(2-ethylhexyl) phthalate	149	11.045	11.045	0.000	87	1355935	10.0	8.88	
106 Di-n-octyl phthalate	149	11.838	11.838	0.000	97	1945773	10.0	9.63	
107 Benzo[b]fluoranthene	252	12.244	12.244	0.000	98	1576597	10.0	10.4	
108 Benzo[k]fluoranthene	252	12.279	12.279	0.000	99	1629546	10.0	10.4	
109 Benzo[a]pyrene	252	12.650	12.650	0.000	97	1442765	10.0	10.7	
* 110 Perylene-d12	264	12.724	12.724	0.000	98	1012448	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.086	14.086	0.000	99	1381444	10.0	10.2	
112 Dibenz(a,h)anthracene	278	14.122	14.122	0.000	98	1359728	10.0	10.0	
113 Benzo[g,h,i]perylene	276	14.423	14.423	0.000	98	1346290	10.0	9.92	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL7_LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 04-Aug-2025 12:19:12 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94091.D

Injection Date: 01-Aug-2025 06:02:30 Instrument ID: CBNAMS18 Operator ID:

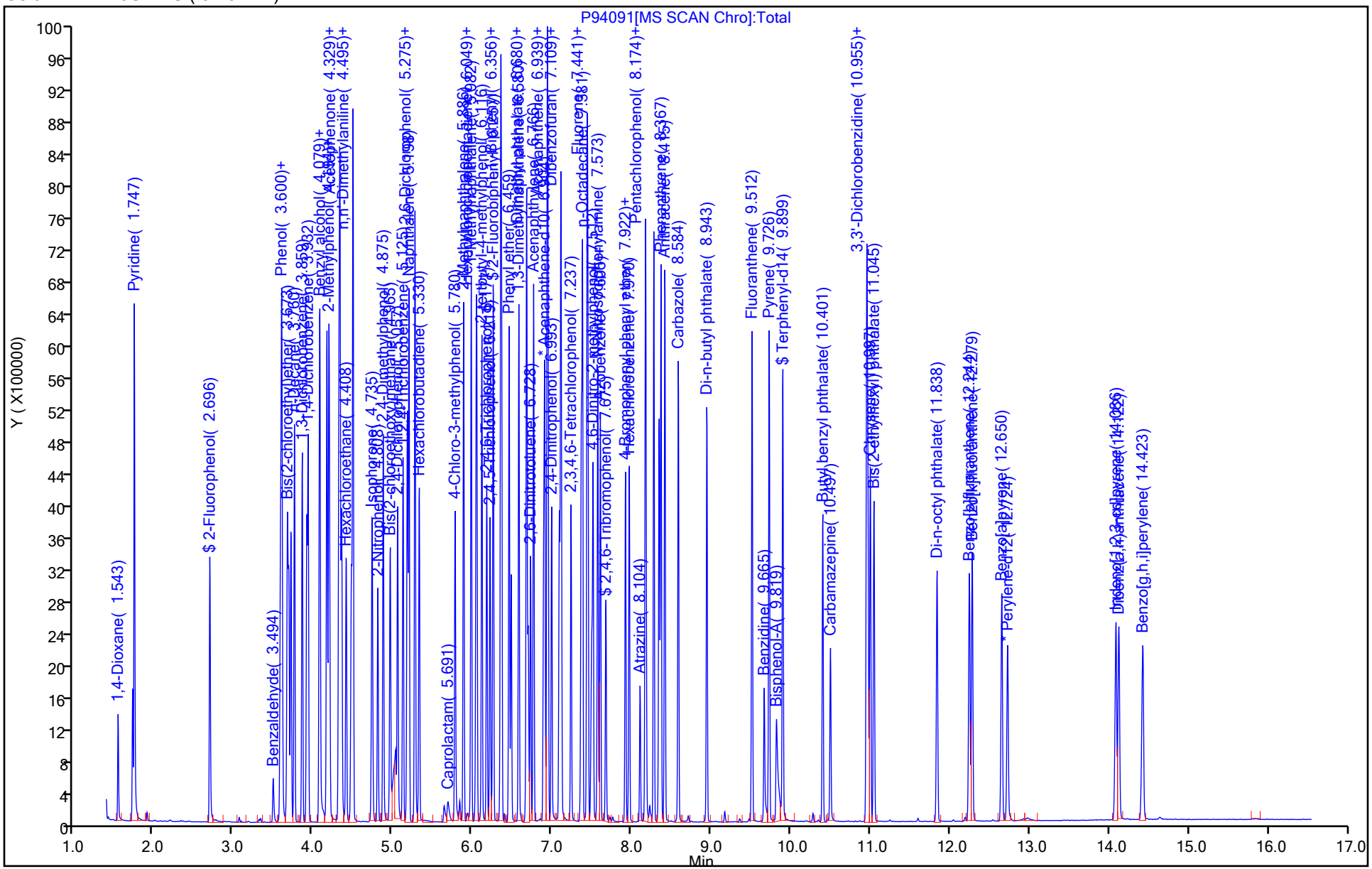
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

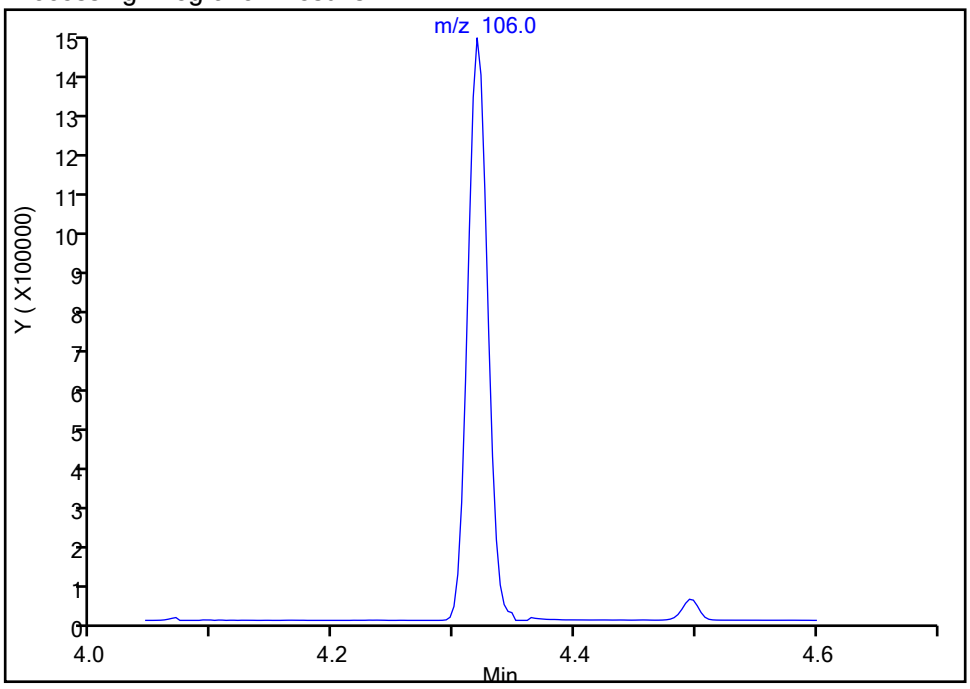
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94091.D
Injection Date: 01-Aug-2025 06:02:30 Instrument ID: CBNAMS18
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

22 N-Methylaniline, CAS: 100-61-8

Signal: 1

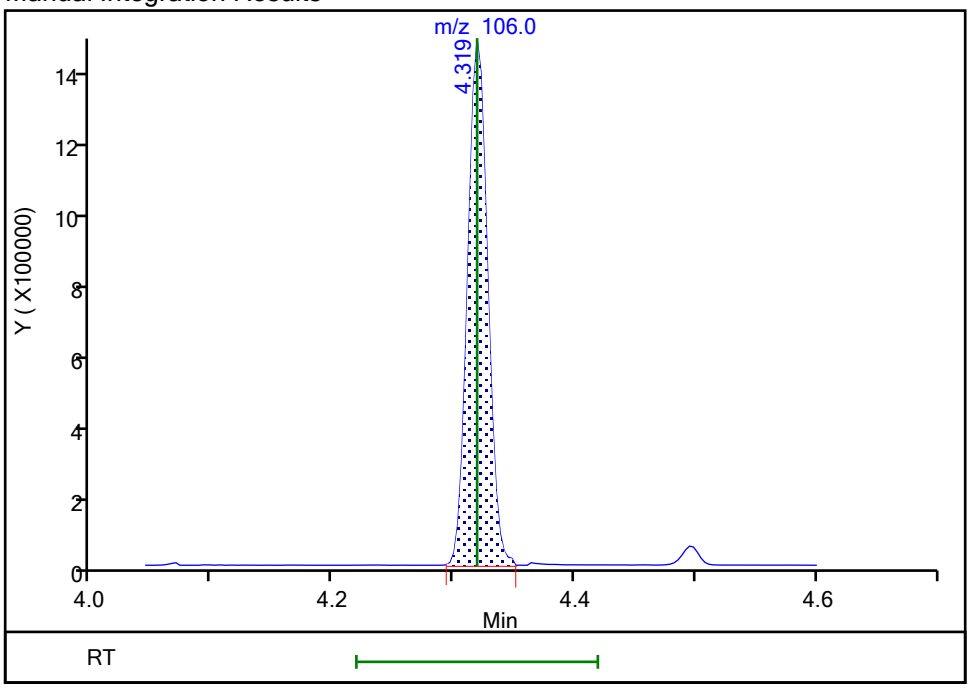
Not Detected
Expected RT: 4.32

Processing Integration Results



Manual Integration Results

RT: 4.32
Area: 1683977
Amount: 9.910548
Amount Units: ug/ml



Reviewer: QQ8R, 01-Aug-2025 07:28:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

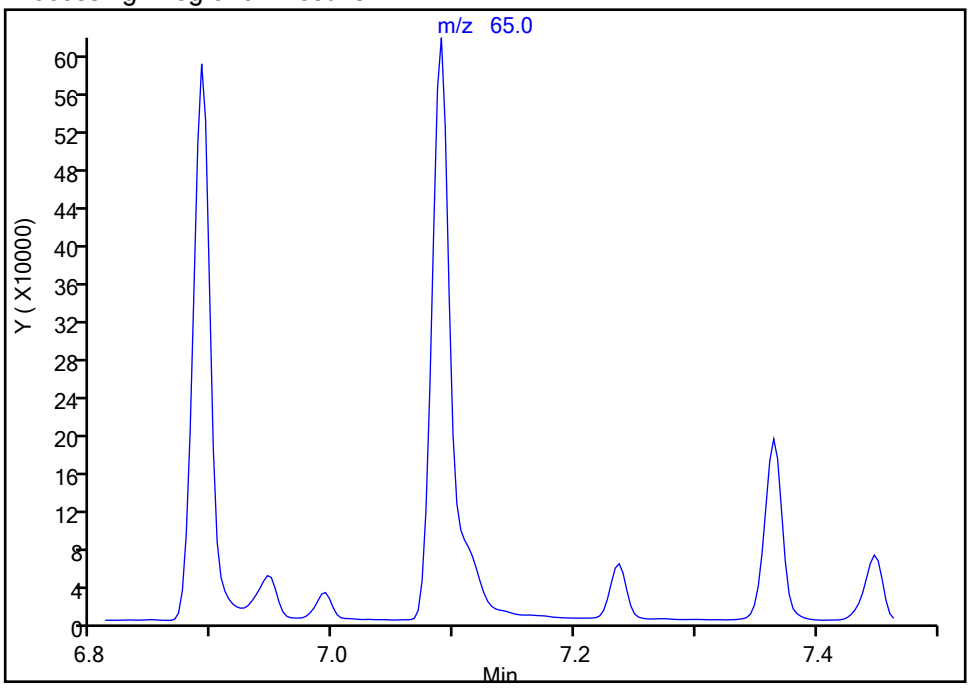
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94091.D
Injection Date: 01-Aug-2025 06:02:30 Instrument ID: CBNAMS18
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

68 4-Nitrophenol, CAS: 100-02-7

Signal: 1

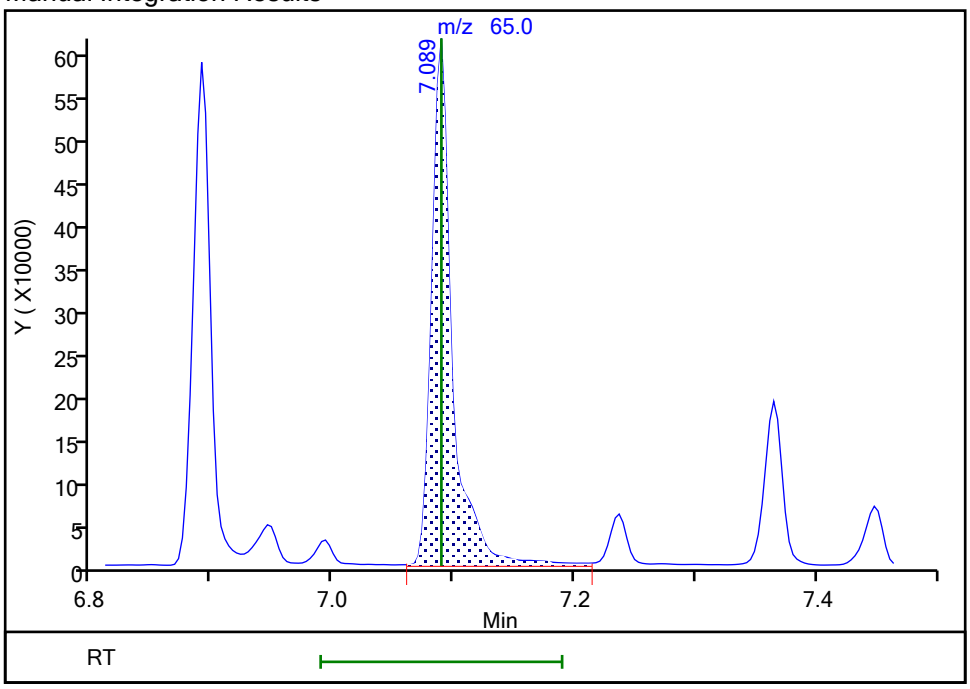
Not Detected
Expected RT: 7.09

Processing Integration Results



Manual Integration Results

RT: 7.09
Area: 727122
Amount: 19.098341
Amount Units: ug/ml



Reviewer: QQ8R, 01-Aug-2025 07:28:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93556.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 02-Jul-2025 10:27:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0193105-001
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 07-Jul-2025 16:26:51 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1676

First Level Reviewer: LKI7 Date: 07-Jul-2025 16:24:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	4.130	4.130	0.000	92	411151	NR	NR	
43 Benzidine_T	184	5.393	5.393	0.000	100	2863719	NR	NR	
123 DFTPP									
124 4,4'-DDE	246	5.537	5.537	0.000	78	594		NR	
125 4,4'-DDD	235	5.828	5.828	0.000	92	15080		NR	
126 4,4'-DDT	235	6.039	6.039	0.000	97	1073968	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

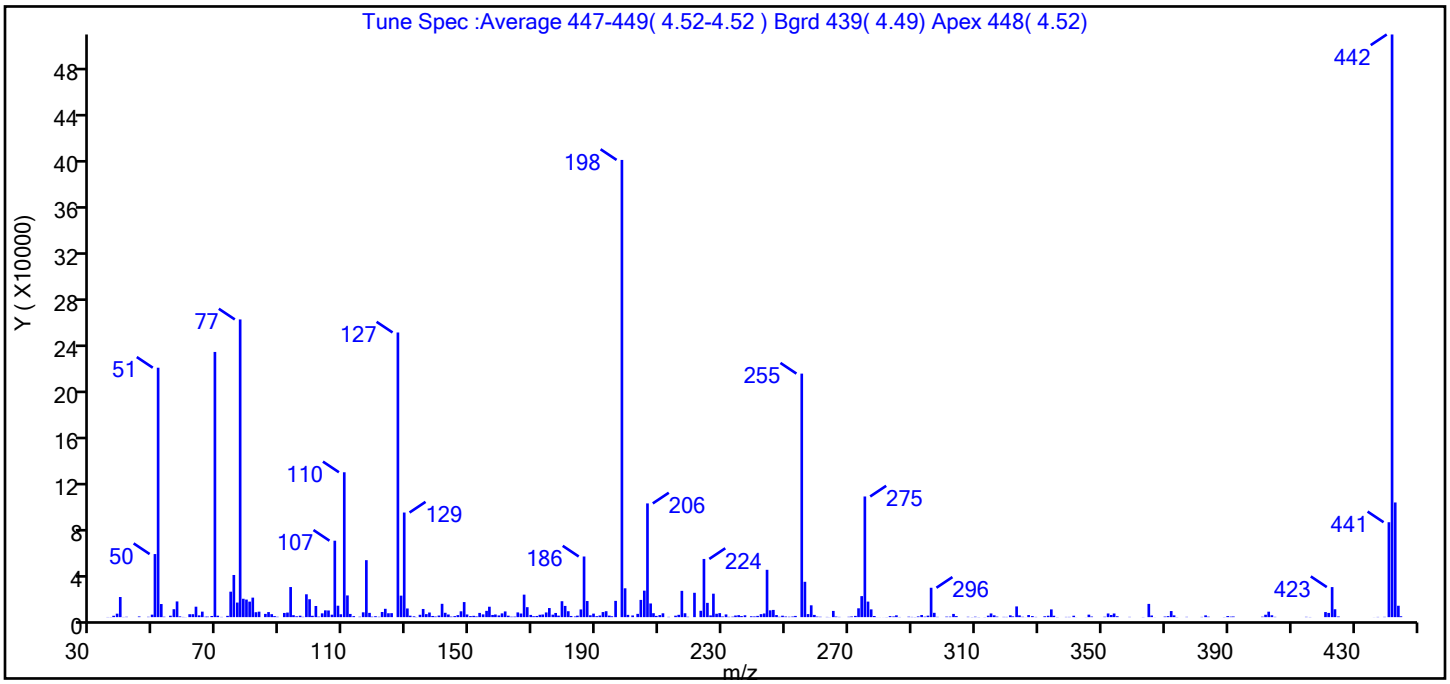
SMDFTP_CH_00037 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93556.D
Injection Date: 02-Jul-2025 10:27:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

123 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.3 (0.4)
69	Present	58.0
70	<2% of m/z 69	0.3 (0.5)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.3
365	>1% of m/z 198	2.9
441	<150% of m/z 443	20.8 (82.8)
442	Present	127.4
443	15-24% of m/z 442	25.1 (19.7)

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93556.D\8270LVI_18.rslt\spectra.d
Injection Date: 02-Jul-2025 10:27:30
Spectrum: Tune Spec :Average 447-449(4.52-4.52) Bgrd 439(4.49) Apex 448(4.52)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 321

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	141	125.00	3463	209.00	1085	302.00	424
36.00	131	127.00	247168	210.00	1785	303.00	2799
37.00	1206	128.00	18664	211.00	3351	304.00	898
38.00	3022	129.00	90840	213.00	254	308.00	321
39.00	17480	130.00	7534	215.00	1257	309.00	116
40.00	157	131.00	1263	216.00	2011	310.00	373
41.00	320	132.00	699	217.00	22832	311.00	120
45.00	605	133.00	148	218.00	3373	313.00	101
48.00	307	134.00	2040	219.00	337	314.00	1296
49.00	2158	135.00	7099	221.00	21152	315.00	3220
50.00	54768	136.00	2615	223.00	5526	316.00	1577
51.00	216576	137.00	4023	224.00	50536	317.00	471
52.00	11384	138.00	1034	225.00	12406	319.00	229
53.00	366	139.00	530	226.00	1510	320.00	204
55.00	1230	140.00	1390	227.00	20376	321.00	1586
56.00	6889	141.00	11576	228.00	2953	322.00	649
57.00	13646	142.00	3784	229.00	3488	323.00	9321
58.00	636	143.00	2291	230.00	588	324.00	1535
59.00	184	144.00	484	231.00	2357	325.00	337
60.00	85	145.00	889	232.00	290	326.00	50
61.00	2535	146.00	1751	233.00	420	327.00	1819
62.00	2565	147.00	5081	234.00	1394	328.00	925
63.00	9070	148.00	13093	235.00	1715	329.00	214
64.00	1522	149.00	2328	236.00	945	332.00	748
65.00	4784	150.00	922	237.00	1609	333.00	1215
66.00	378	151.00	1148	239.00	754	334.00	6735
67.00	432	152.00	611	240.00	620	335.00	1207
68.00	1010	153.00	3678	241.00	1093	336.00	136
69.00	230272	154.00	2411	242.00	2616	339.00	211
70.00	1247	155.00	5444	243.00	3167	340.00	215
71.00	201	156.00	9047	244.00	41104	341.00	1228
73.00	1130	157.00	1896	245.00	5928	342.00	54
74.00	22104	158.00	2307	246.00	6279	345.00	57

Report Date: 07-Jul-2025 16:26:52 Chrom Revision: 2.3 14-Jun-2025 12:06:34
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93556.D\8270LVI_18.rslt\spectra.d
Injection Date: 02-Jul-2025 10:27:30
Spectrum: Tune Spec :Average 447-449(4.52-4.52) Bgrd 439(4.49) Apex 448(4.52)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 321

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	36608	159.00	1464	247.00	1814	346.00	2156
76.00	12660	160.00	3276	248.00	310	347.00	519
77.00	258496	161.00	4968	249.00	1251	351.00	363
78.00	15961	162.00	1278	250.00	555	352.00	3194
79.00	15257	163.00	406	251.00	355	353.00	1852
80.00	13476	164.00	461	252.00	537	354.00	3175
81.00	16944	165.00	4114	253.00	1064	355.00	766
82.00	4280	166.00	3160	255.00	211456	359.00	232
83.00	4765	167.00	19544	256.00	30688	363.00	132
84.00	19	168.00	8648	257.00	2662	365.00	11500
85.00	2822	169.00	1939	258.00	10280	366.00	1415
86.00	4401	170.00	796	259.00	1931	367.00	51
87.00	2583	171.00	1022	260.00	486	370.00	505
88.00	897	172.00	2042	261.00	312	371.00	882
89.00	326	173.00	2291	263.00	200	372.00	5292
91.00	3648	174.00	4072	264.00	83	373.00	1530
92.00	3978	175.00	7894	265.00	5409	374.00	131
93.00	26136	176.00	2143	266.00	494	377.00	252
94.00	1693	177.00	3634	267.00	212	382.00	213
95.00	735	178.00	1306	268.00	7	383.00	1545
96.00	1250	179.00	13835	270.00	311	384.00	409
97.00	277	180.00	9744	271.00	578	389.00	115
98.00	19856	181.00	5147	272.00	1077	390.00	939
99.00	15534	182.00	1024	273.00	7682	391.00	438
100.00	1167	183.00	575	274.00	18256	392.00	571
101.00	9674	184.00	1301	275.00	104776	401.00	409
102.00	425	185.00	6687	276.00	13491	402.00	2077
103.00	3308	186.00	52656	277.00	6745	403.00	4737
104.00	5890	187.00	13994	278.00	983	404.00	1631
105.00	5787	188.00	1614	279.00	59	405.00	248
106.00	2120	189.00	3061	280.00	50	415.00	267
107.00	66368	190.00	830	281.00	41	416.00	142
108.00	9928	191.00	1425	282.00	111	421.00	4400
109.00	2501	192.00	4413	283.00	892	422.00	3682

Report Date: 07-Jul-2025 16:26:52 Chrom Revision: 2.3 14-Jun-2025 12:06:34
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93556.D\8270LVI_18.rslt\spectra.d
Injection Date: 02-Jul-2025 10:27:30
Spectrum: Tune Spec :Average 447-449(4.52-4.52) Bgrd 439(4.49) Apex 448(4.52)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 321

m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	125792	193.00	5161	284.00	604	423.00	26096
111.00	18856	194.00	1342	285.00	1578	424.00	6846
112.00	2785	195.00	766	286.00	158	425.00	560
113.00	870	196.00	14133	289.00	403	436.00	56
115.00	385	198.00	396992	290.00	215	438.00	195
116.00	4191	199.00	25048	291.00	129	440.00	253
117.00	49472	200.00	1969	292.00	634	441.00	82408
118.00	3716	201.00	1463	293.00	1850	442.00	505920
119.00	426	203.00	2859	294.00	420	443.00	99568
120.00	814	204.00	14963	295.00	1300	444.00	9889
121.00	326	205.00	23008	296.00	25528	445.00	754
122.00	4473	206.00	98760	297.00	3757		
123.00	7247	207.00	11881	298.00	258		
124.00	3381	208.00	3421	301.00	450		

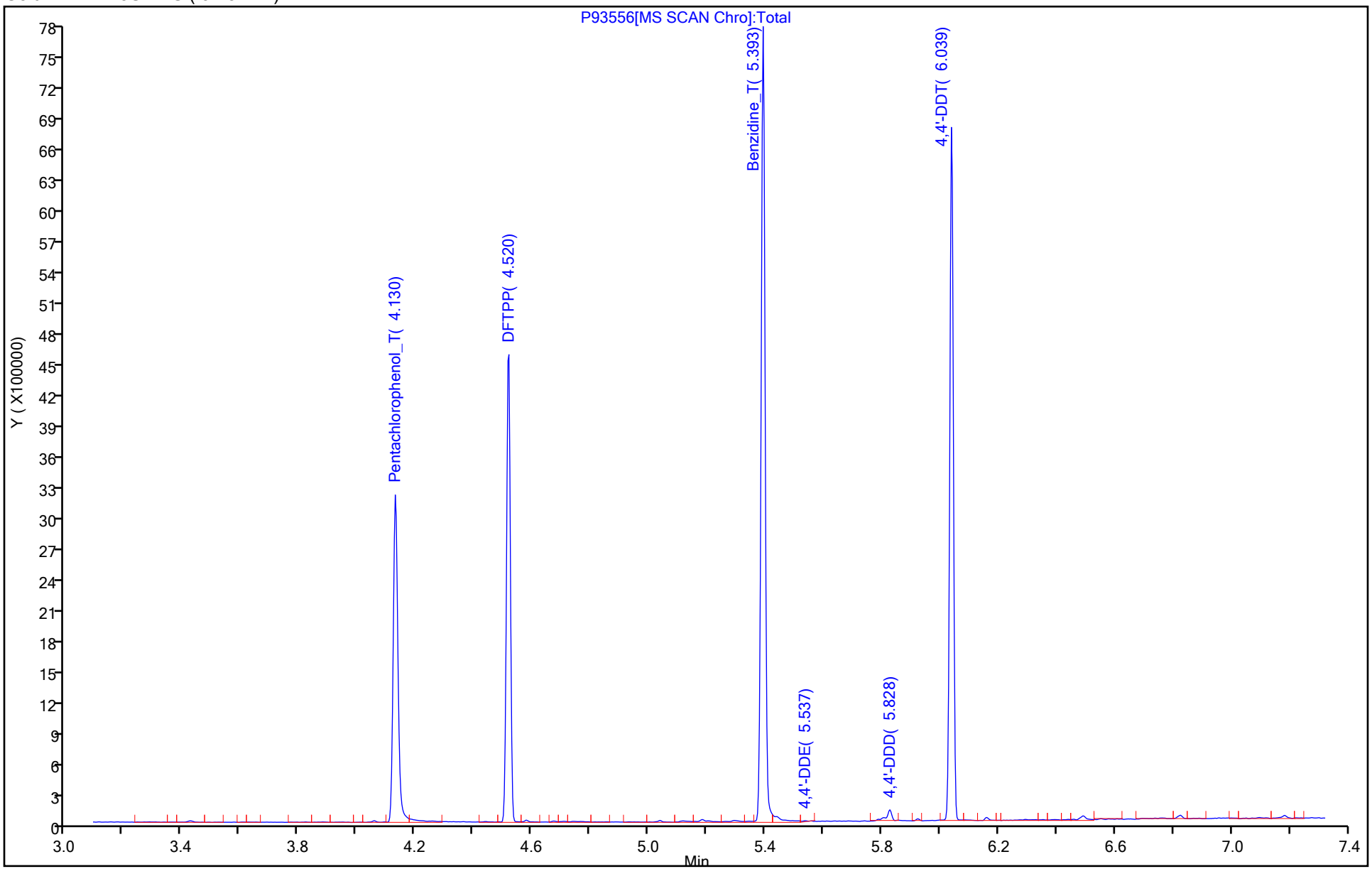
Report Date: 07-Jul-2025 16:26:52 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93556.D

Injection Date:	02-Jul-2025 10:27:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	DFTPP			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93556.D
Injection Date: 02-Jul-2025 10:27:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

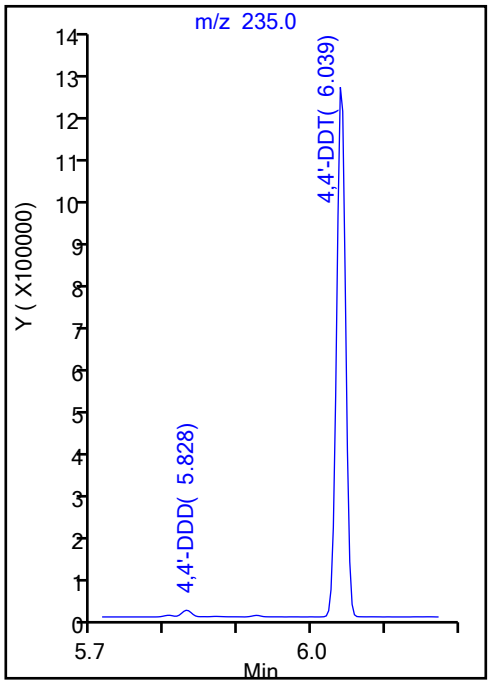
126 4,4'-DDT, Detector: MS SCAN

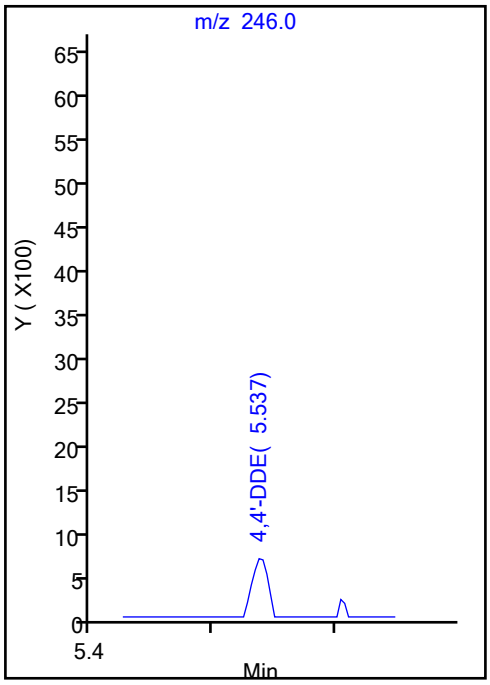
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

126 4,4'-DDT, Area = 1073968
125 4,4'-DDD, Area = 15080
124 4,4'-DDE, Area = 594

%Breakdown: 1.44%, <= 20.00%
Passed





Peak Tailing Report

Eurofins Edison

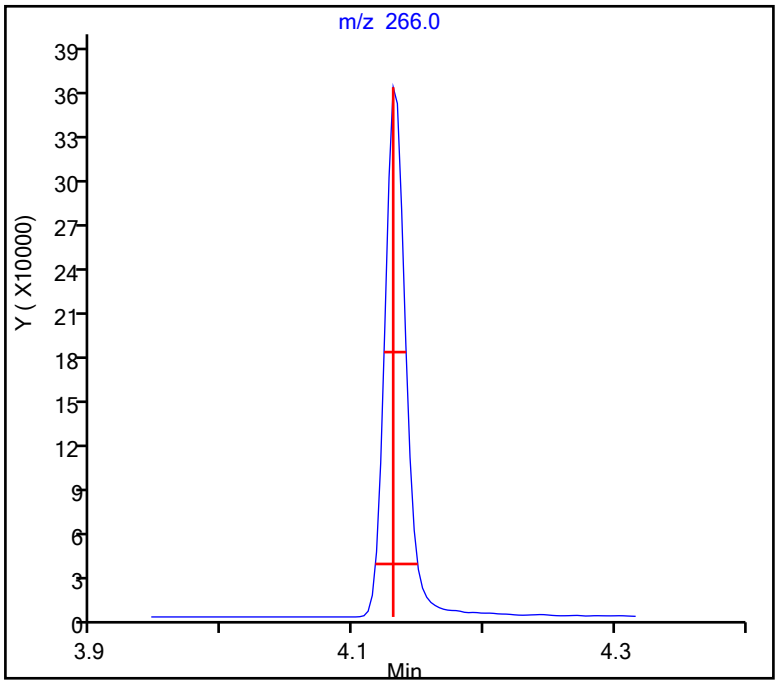
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93556.D
Injection Date: 02-Jul-2025 10:27:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

16 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.36, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

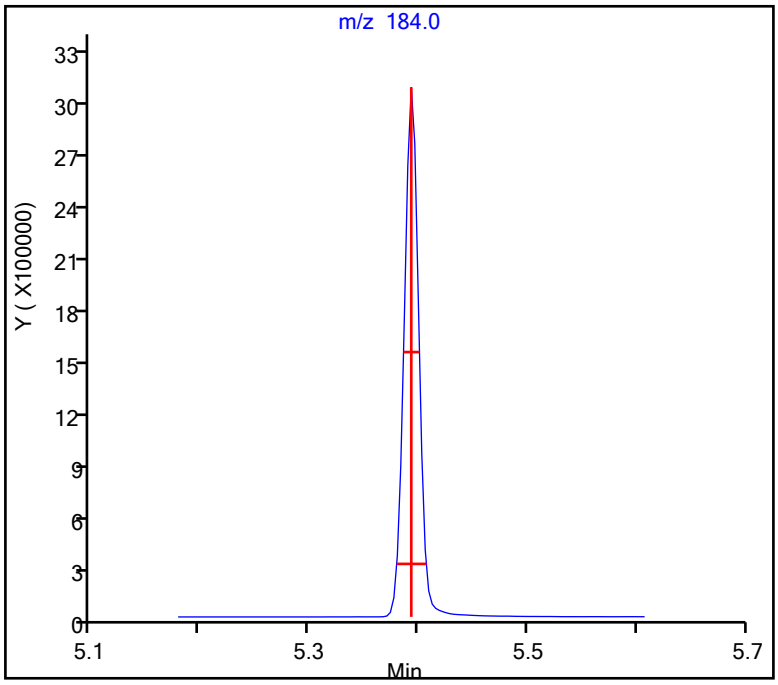
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93556.D
Injection Date: 02-Jul-2025 10:27:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.014 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 1.08, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1052770/1-A

Matrix: Water | Lab File ID: P94065.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/30/2025 09:36

Sample wt/vol: 250(mL) | Date Analyzed: 07/31/2025 08:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1052909 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U	10	0.53
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
91-20-3	Naphthalene	2.0	U	2.0	0.54
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	84		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	86		39-145
1718-51-0	Terphenyl-d14 (Surr)	98		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94065.D
Lims ID: MB 460-1052770/1-A
Client ID:
Sample Type: MB
Inject. Date: 31-Jul-2025 08:08:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194323-010
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 01-Aug-2025 11:25:49 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1661

First Level Reviewer: QQ8R Date: 31-Jul-2025 08:30:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.703	2.697	0.003	96	387087	10.0	4.13	
$ 6 Phenol-d5	99	3.581	3.587	-0.010	0	309202	10.0	2.53	
* 14 1,4-Dichlorobenzene-d4	152	3.923	3.926	-0.003	97	493521	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.481	4.483	-0.005	87	948517	10.0	8.64	
* 38 Naphthalene-d8	136	5.187	5.189	-0.002	99	1986811	8.00	8.00	
$ 53 2-Fluorobiphenyl	172	6.269	6.267	-0.001	98	1771462	10.0	8.44	
* 64 Acenaphthene-d10	164	6.914	6.916	-0.002	95	1034050	8.00	8.00	
$ 79 2,4,6-Tribromophenol	330	7.683	7.684	-0.004	94	298180	10.0	11.0	
* 88 Phenanthrene-d10	188	8.351	8.356	-0.005	99	1690824	8.00	8.00	
$ 97 Terphenyl-d14	244	9.910	9.905	-0.004	98	1676939	10.0	9.84	
* 103 Chrysene-d12	240	10.980	10.985	-0.005	99	933873	8.00	8.00	
* 110 Perylene-d12	264	12.741	12.748	-0.007	98	866801	8.00	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 01-Aug-2025 11:25:50 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94065.D

Injection Date: 31-Jul-2025 08:08:30 Instrument ID: CBNAMS18 Operator ID:

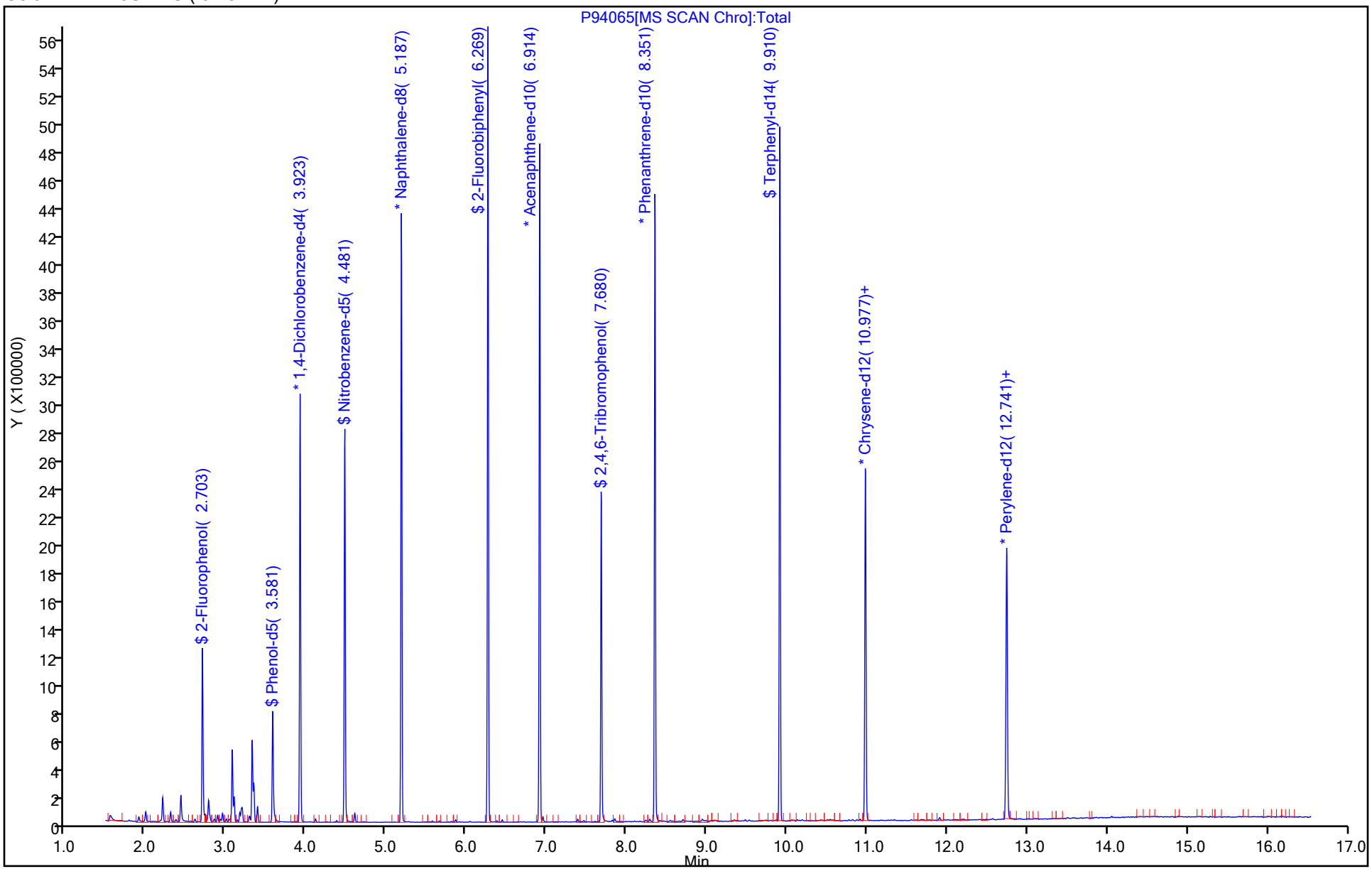
Lims ID: MB 460-1052770/1-A Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94065.D
Lims ID: MB 460-1052770/1-A
Client ID:
Sample Type: MB
Inject. Date: 31-Jul-2025 08:08:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194323-010
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 01-Aug-2025 11:25:49 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1661

First Level Reviewer: QQ8R Date: 31-Jul-2025 08:30:32

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.13	41.31
$ 6 Phenol-d5	10.0	2.53	25.30
$ 28 Nitrobenzene-d5	10.0	8.64	86.43
$ 53 2-Fluorobiphenyl	10.0	8.44	84.37
$ 79 2,4,6-Tribromophenol	10.0	11.0	109.72
$ 97 Terphenyl-d14	10.0	9.84	98.35

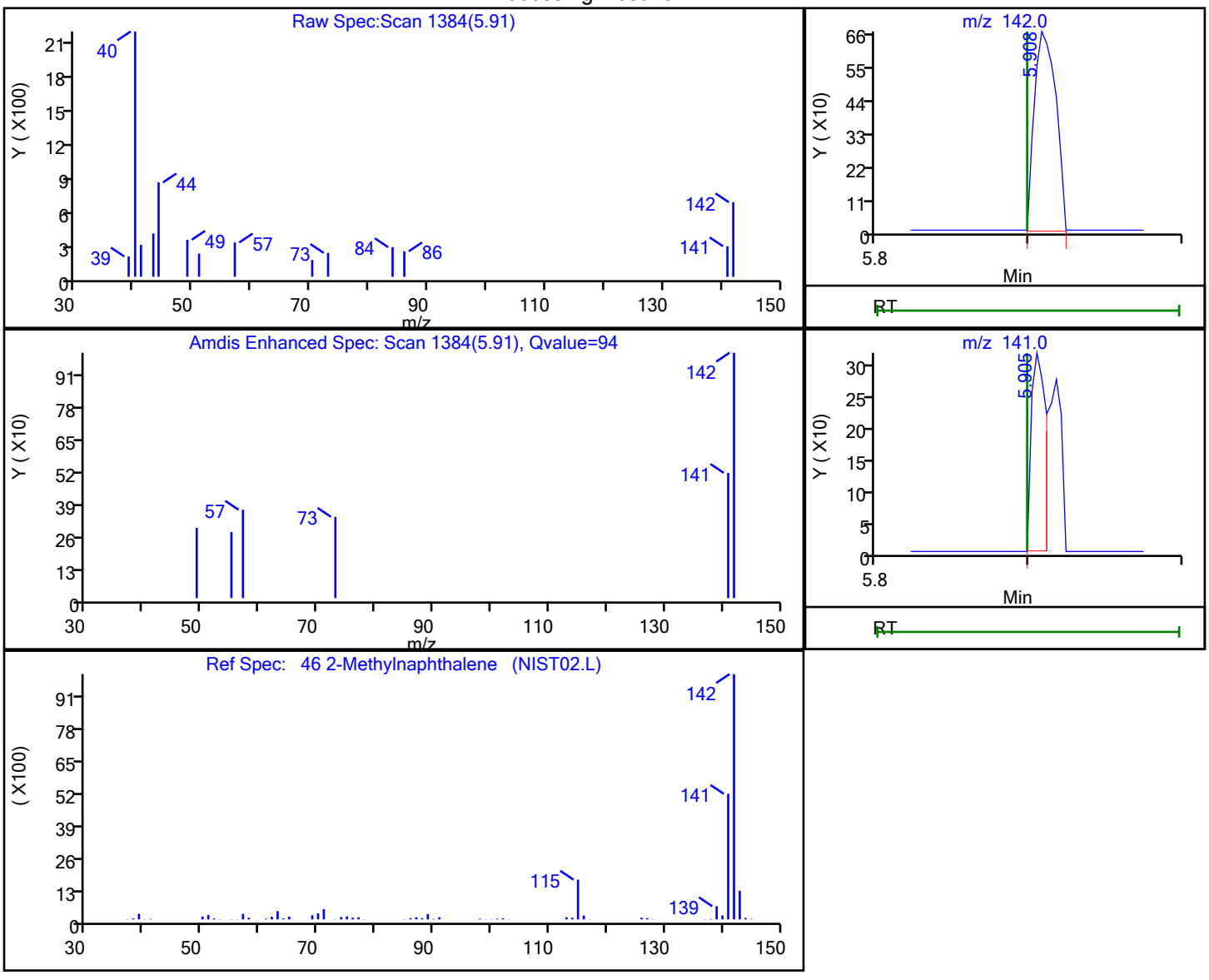
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94065.D				
Injection Date:	31-Jul-2025 08:08:30	Instrument ID:	CBNAMS18		
Lims ID:	MB 460-1052770/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results



RT	Mass	Response	Amount
5.91	142.00	649	0.004382
5.90	141.00	201	

Reviewer: QQ8R, 31-Jul-2025 08:30:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

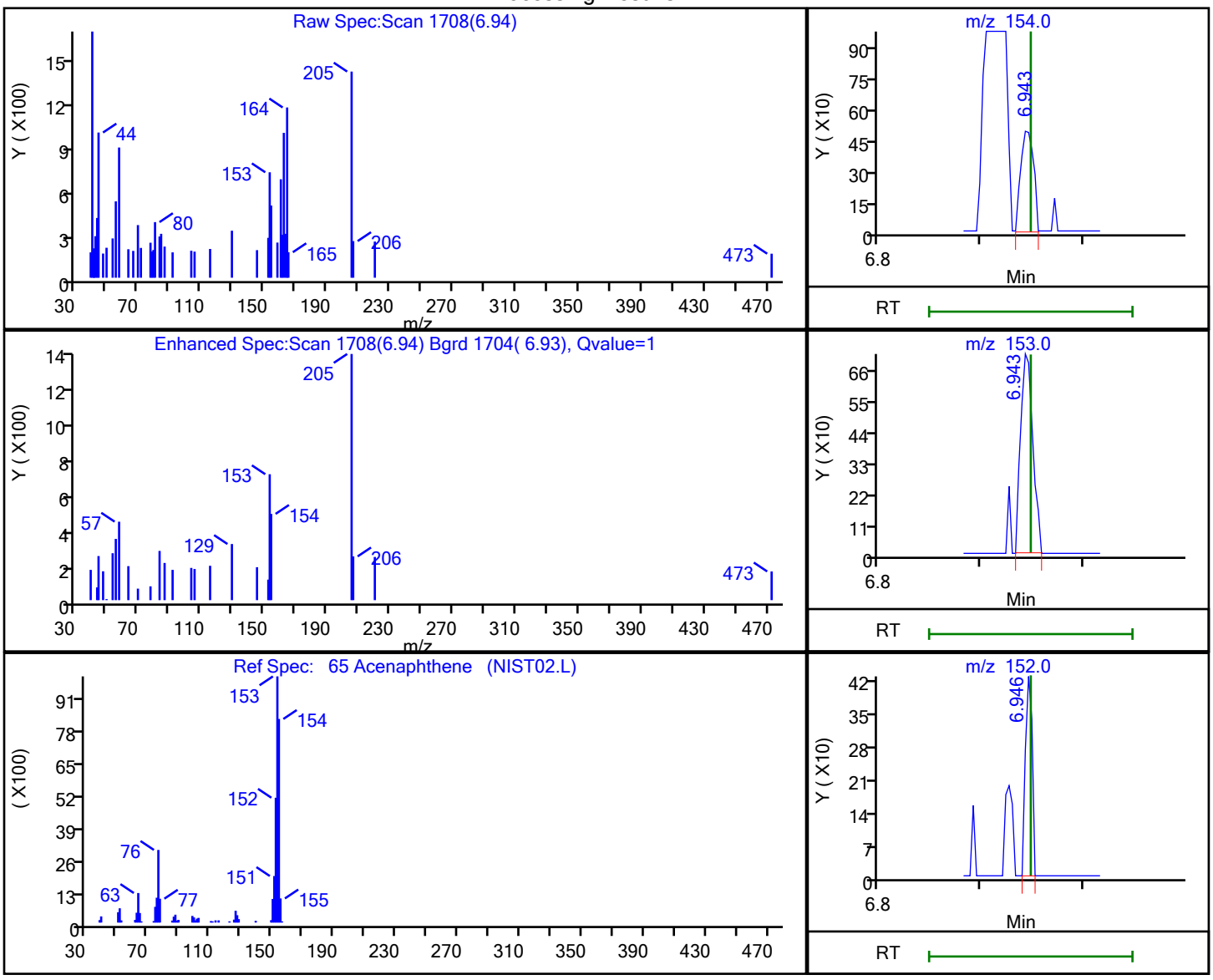
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94065.D
Injection Date: 31-Jul-2025 08:08:30 Instrument ID: CBNAMS18
Lims ID: MB 460-1052770/1-A
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

65 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
6.94	154.00	427	0.002786
6.94	153.00	595	
6.95	152.00	197	

Reviewer: QQ8R, 31-Jul-2025 08:30:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

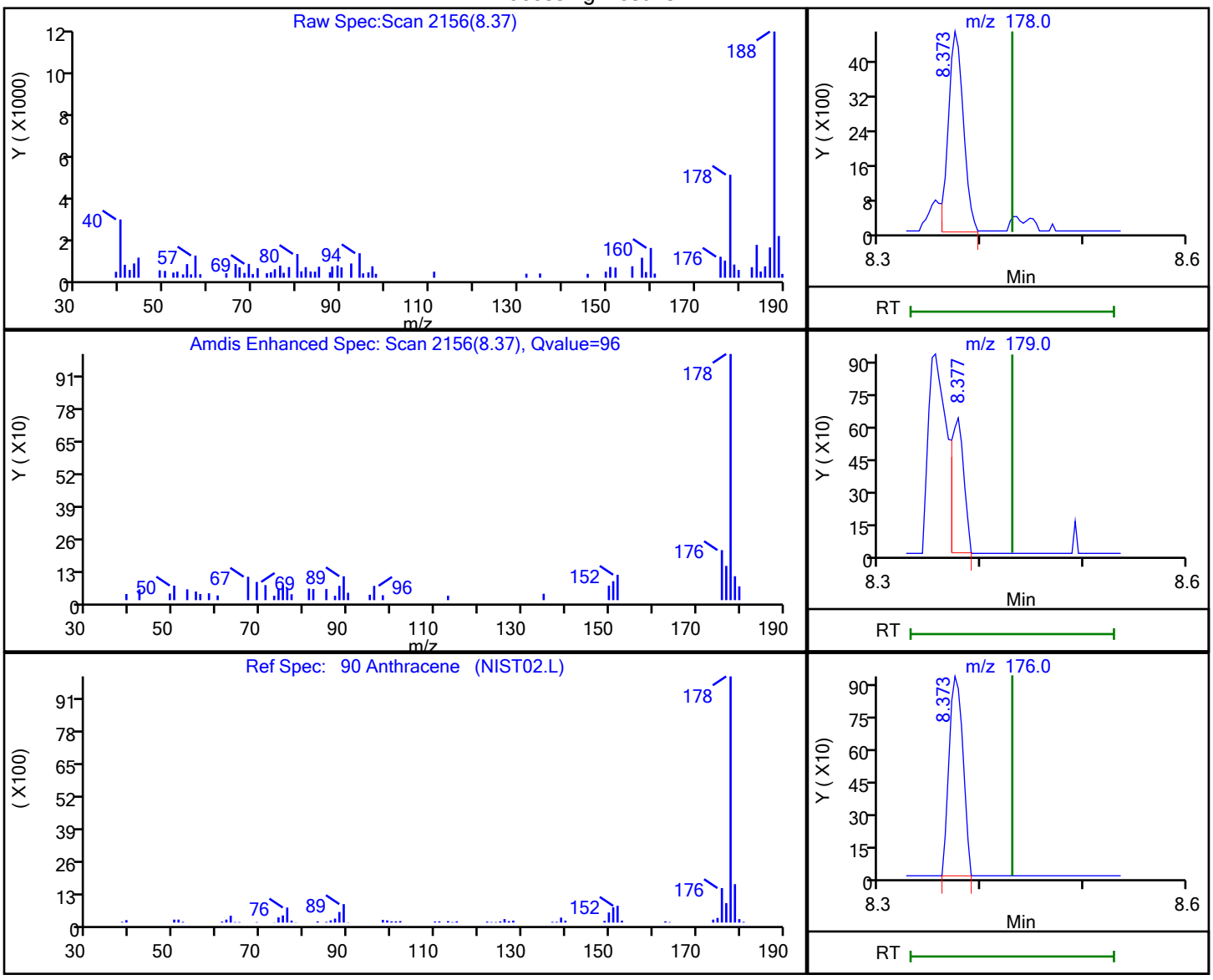
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94065.D				
Injection Date:	31-Jul-2025 08:08:30	Instrument ID:	CBNAMS18		
Lims ID:	MB 460-1052770/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7

Processing Results



RT	Mass	Response	Amount
8.37	178.00	4690	0.019724
8.38	179.00	524	
8.37	176.00	891	

Reviewer: C8UP, 01-Aug-2025 11:25:34 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1052770/2-A

Matrix: Water | Lab File ID: P94063.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/30/2025 09:36

Sample wt/vol: 250(mL) | Date Analyzed: 07/31/2025 07:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1052909 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	77.8		10	0.53
83-32-9	Acenaphthene	72.2		10	1.1
208-96-8	Acenaphthylene	75.5		10	0.82
120-12-7	Anthracene	79.8		10	1.3
56-55-3	Benzo[a]anthracene	81.7		1.0	0.59
50-32-8	Benzo[a]pyrene	83.6		1.0	0.41
205-99-2	Benzo[b]fluoranthene	79.2		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	83.8		10	0.70
207-08-9	Benzo[k]fluoranthene	78.1		1.0	0.67
218-01-9	Chrysene	80.8		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	90.7		1.0	0.72
206-44-0	Fluoranthene	86.0		10	0.84
86-73-7	Fluorene	78.4		10	0.91
193-39-5	Indeno[1,2,3-cd]pyrene	92.5		2.0	0.94
91-20-3	Naphthalene	69.1		2.0	0.54
85-01-8	Phenanthrene	78.3		10	1.3
129-00-0	Pyrene	77.2		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	83		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	76		39-145
1718-51-0	Terphenyl-d14 (Surr)	77		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94063.D
Lims ID: LCS 460-1052770/2-A
Client ID:
Sample Type: LCS
Inject. Date: 31-Jul-2025 07:25:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194323-008
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 31-Jul-2025 14:49:09 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1661

First Level Reviewer: QQ8R Date: 31-Jul-2025 07:48:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.550	1.533	0.016	93	157134	10.0	3.71	
2 N-Nitrosodimethylamine	74	1.729	1.718	0.010	91	265791	10.0	4.31	
3 Pyridine	79	1.755	1.740	0.013	95	785367	20.0	8.32	
$ 4 2-Fluorophenol	112	2.706	2.697	0.006	96	383976	10.0	3.85	
5 Benzaldehyde	77	3.501	3.498	0.000	96	787835	5.00	9.28	E
$ 6 Phenol-d5	99	3.588	3.587	-0.003	0	307421	10.0	2.36	
7 Phenol	94	3.600	3.600	-0.003	92	394011	10.0	2.98	
8 Aniline	93	3.610	3.609	-0.003	98	873198	10.0	6.09	
9 Bis(2-chloroethyl)ether	93	3.674	3.676	-0.006	98	828568	10.0	8.67	
10 Benzonitrile	103	3.690	3.692	-0.006	98	1683668	NC	NC	
11 2-Chlorophenol	128	3.722	3.721	-0.003	97	741878	10.0	7.87	
12 n-Decane	43	3.770	3.766	0.000	87	511069	10.0	4.91	
13 1,3-Dichlorobenzene	146	3.869	3.865	0.000	95	711349	10.0	6.98	
* 14 1,4-Dichlorobenzene-d4	152	3.923	3.926	-0.003	96	525299	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.942	3.938	0.000	94	732307	10.0	7.19	
17 Benzyl alcohol	108	4.080	4.079	-0.003	93	387892	10.0	7.52	
18 1,2-Dichlorobenzene	146	4.089	4.088	-0.003	95	721184	10.0	7.51	
20 2-Methylphenol	108	4.198	4.197	-0.003	89	550292	10.0	6.60	
21 2,2'-oxybis[1-chloropropane]	45	4.208	4.203	0.001	91	875691	10.0	6.82	
23 Acetophenone	105	4.339	4.334	0.001	95	1241199	10.0	9.40	
22 N-Methylaniline	106	4.329	4.340	-0.013	98	991173	10.0	6.87	
24 N-Nitrosodi-n-propylamine	70	4.342	4.340	-0.003	89	626683	10.0	9.34	
25 3 & 4 Methylphenol	108	4.358	4.356	-0.003	0	520884	10.0	5.93	
26 4-Methylphenol	108	4.358	4.356	-0.003	96	507889	10.0	5.95	
27 Hexachloroethane	117	4.422	4.417	0.000	96	263308	10.0	6.80	
$ 28 Nitrobenzene-d5	82	4.486	4.483	0.000	87	887190	10.0	7.60	
29 Nitrobenzene	123	4.505	4.502	0.000	97	431833	10.0	9.47	
30 n,n'-Dimethylaniline	120	4.505	4.503	-0.003	87	1291404	10.0	8.87	
31 Isophorone	82	4.745	4.742	0.001	99	1653493	10.0	9.16	
32 2-Nitrophenol	139	4.818	4.815	0.000	93	459910	10.0	9.51	
33 2,4-Dimethylphenol	122	4.885	4.883	0.000	91	683706	10.0	8.66	
34 Bis(2-chloroethoxy)methane	93	4.975	4.972	0.000	98	996607	10.0	8.78	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.981	5.023	-0.045	88	101025	10.0	2.52	
36 2,4-Dichlorophenol	162	5.064	5.061	0.000	96	645946	10.0	9.84	
37 1,2,4-Trichlorobenzene	180	5.138	5.135	0.000	94	640090	10.0	9.11	
* 38 Naphthalene-d8	136	5.189	5.189	0.000	99	2114314	8.00	8.00	
39 Naphthalene	128	5.211	5.209	0.000	99	2398984	10.0	8.64	
40 4-Chloroaniline	127	5.285	5.282	0.000	89	858112	10.0	8.95	
41 2,6-Dichlorophenol	162	5.285	5.282	0.000	89	648284	10.0	9.93	
42 Hexachlorobutadiene	225	5.339	5.336	0.000	95	349295	10.0	9.68	
44 Caprolactam	55	5.637	5.681	-0.047	93	71424	5.00	2.40	
45 4-Chloro-3-methylphenol	107	5.784	5.784	-0.003	96	622518	10.0	9.11	
46 2-Methylnaphthalene	142	5.899	5.895	0.001	98	1533015	10.0	9.73	
47 1-Methylnaphthalene	142	5.995	5.991	0.001	94	1562105	10.0	9.68	
48 Hexachlorocyclopentadiene	237	6.056	6.053	0.001	97	487501	10.0	8.94	
49 1,2,4,5-Tetrachlorobenzene	216	6.065	6.062	0.000	97	683576	10.0	9.65	
50 2-tertbutyl-4-methylphenol	149	6.126	6.123	0.000	90	1105792	10.0	11.2	
51 2,4,6-Trichlorophenol	196	6.187	6.187	-0.003	89	471044	10.0	10.2	
52 2,4,5-Trichlorophenol	196	6.225	6.222	0.000	96	495253	10.0	10.1	
$ 53 2-Fluorobiphenyl	172	6.270	6.267	0.000	98	1753118	10.0	8.33	
54 1,1'-Biphenyl	154	6.363	6.363	-0.003	97	2015775	10.0	8.86	
55 2-Chloronaphthalene	162	6.376	6.373	0.001	99	1484377	10.0	9.00	
56 Phenyl ether	170	6.472	6.469	0.001	85	1057878	10.0	9.36	
57 2-Nitroaniline	65	6.494	6.494	-0.003	96	440941	10.0	8.22	
58 1,3-Dimethylnaphthalene	156	6.593	6.590	0.000	91	1199336	10.0	10.1	
59 Dimethyl phthalate	163	6.686	6.686	-0.003	99	1619796	10.0	10.1	
60 Coumarin	146	6.689	6.689	-0.003	78	524009	10.0	11.2	
61 2,6-Dinitrotoluene	165	6.737	6.737	-0.003	96	370467	10.0	10.2	
62 Acenaphthylene	152	6.779	6.776	0.001	98	2530300	10.0	9.44	
63 3-Nitroaniline	138	6.900	6.900	-0.003	96	304564	10.0	7.57	
* 64 Acenaphthene-d10	164	6.916	6.916	0.000	95	1036816	8.00	8.00	
65 Acenaphthene	154	6.948	6.945	0.000	96	1387937	10.0	9.03	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.958	6.955	0.000	97	1128203	10.0	9.26	
67 2,4-Dinitrophenol	184	7.003	6.999	0.001	96	429429	20.0	19.7	
68 4-Nitrophenol	65	7.092	7.092	-0.003	95	205624	20.0	6.41	
70 Dibenzofuran	168	7.118	7.118	-0.003	96	2074049	10.0	9.51	
69 2,4-Dinitrotoluene	165	7.124	7.124	-0.003	91	484133	10.0	11.2	
71 2,3,4,6-Tetrachlorophenol	232	7.246	7.246	-0.003	93	377295	10.0	11.5	
72 Diethyl phthalate	149	7.374	7.374	-0.003	98	1606233	10.0	9.98	
87 n-Octadecane	57	7.393	7.387	0.000	92	1065059	10.0	7.25	
73 Fluorene	166	7.451	7.450	-0.003	95	1691771	10.0	9.79	
74 4-Chlorophenyl phenyl ether	204	7.460	7.460	-0.003	88	739146	10.0	10.4	
75 4-Nitroaniline	138	7.499	7.498	-0.003	88	309226	10.0	9.53	
76 4,6-Dinitro-2-methylphenol	198	7.521	7.518	-0.003	85	534330	20.0	20.1	
77 N-Nitrosodiphenylamine	169	7.582	7.579	-0.003	85	1153081	10.0	9.64	
131 Azobenzene	77	7.617	7.611	0.000	99	1631104	10.0	7.81	
78 1,2-Diphenylhydrazine	77	7.617	7.611	0.000	50	1628902	10.0	8.03	
$ 79 2,4,6-Tribromophenol	330	7.688	7.684	0.001	94	280119	10.0	10.3	
80 4-Bromophenyl phenyl ether	248	7.934	7.927	0.001	89	443897	10.0	11.1	
82 Hexachlorobenzene	284	7.982	7.975	0.000	97	526162	10.0	11.2	
83 Atrazine	200	8.120	8.110	0.004	93	483896	5.00	14.7	E
84 Pentachlorophenol	266	8.184	8.177	0.001	94	624969	20.0	24.0	
85 Pentachloronitrobenzene	237	8.193	8.186	0.000	89	161465	10.0	13.7	
* 88 Phenanthrene-d10	188	8.357	8.356	0.001	99	1580853	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.379	8.372	0.000	98	2129966	10.0	9.78	
90 Anthracene	178	8.427	8.423	-0.003	99	2217532	10.0	9.97	
91 Carbazole	167	8.597	8.593	-0.002	96	1871019	10.0	9.96	
92 Di-n-butyl phthalate	149	8.955	8.950	-0.002	99	2282380	10.0	10.8	
93 Fluoranthene	202	9.524	9.519	-0.002	98	1938941	10.0	10.8	
94 Benzidine	184	9.678	9.671	-0.002	99	321321	10.0	4.15	M
95 Pyrene	202	9.742	9.735	-0.002	98	1948090	10.0	9.65	
96 Bisphenol-A	213	9.831	9.821	0.001	98	277569	5.00	3.90	
$ 97 Terphenyl-d14	244	9.911	9.905	-0.003	98	1225312	10.0	7.65	
98 Butyl benzyl phthalate	149	10.414	10.407	-0.002	98	763867	10.0	9.90	
100 Carbamazepine	193	10.510	10.503	-0.002	93	465883	10.0	9.36	
101 3,3'-Dichlorobenzidine	252	10.967	10.959	-0.002	99	516567	10.0	9.19	
102 Benzo[a]anthracene	228	10.973	10.966	-0.003	99	1494444	10.0	10.2	
* 103 Chrysene-d12	240	10.983	10.985	-0.002	99	876722	8.00	8.00	
104 Chrysene	228	11.012	11.004	-0.002	98	1419877	10.0	10.1	
105 Bis(2-ethylhexyl) phthalate	149	11.060	11.052	-0.002	89	1037598	10.0	8.88	
106 Di-n-octyl phthalate	149	11.856	11.851	-0.003	97	1581858	10.0	9.26	
107 Benzo[b]fluoranthene	252	12.262	12.257	-0.003	98	1265401	10.0	9.89	
108 Benzo[k]fluoranthene	252	12.298	12.292	-0.002	99	1298519	10.0	9.76	
109 Benzo[a]pyrene	252	12.672	12.666	-0.002	97	1196266	10.0	10.4	
* 110 Perylene-d12	264	12.746	12.748	-0.002	100	861525	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.111	14.106	-0.003	99	1327453	10.0	11.6	
112 Dibenz(a,h)anthracene	278	14.147	14.144	-0.006	98	1306952	10.0	11.3	
113 Benzo[g,h,i]perylene	276	14.451	14.445	-0.003	97	1208577	10.0	10.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 01-Aug-2025 11:23:55 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94063.D

Injection Date: 31-Jul-2025 07:25:30 Instrument ID: CBNAMS18 Operator ID:

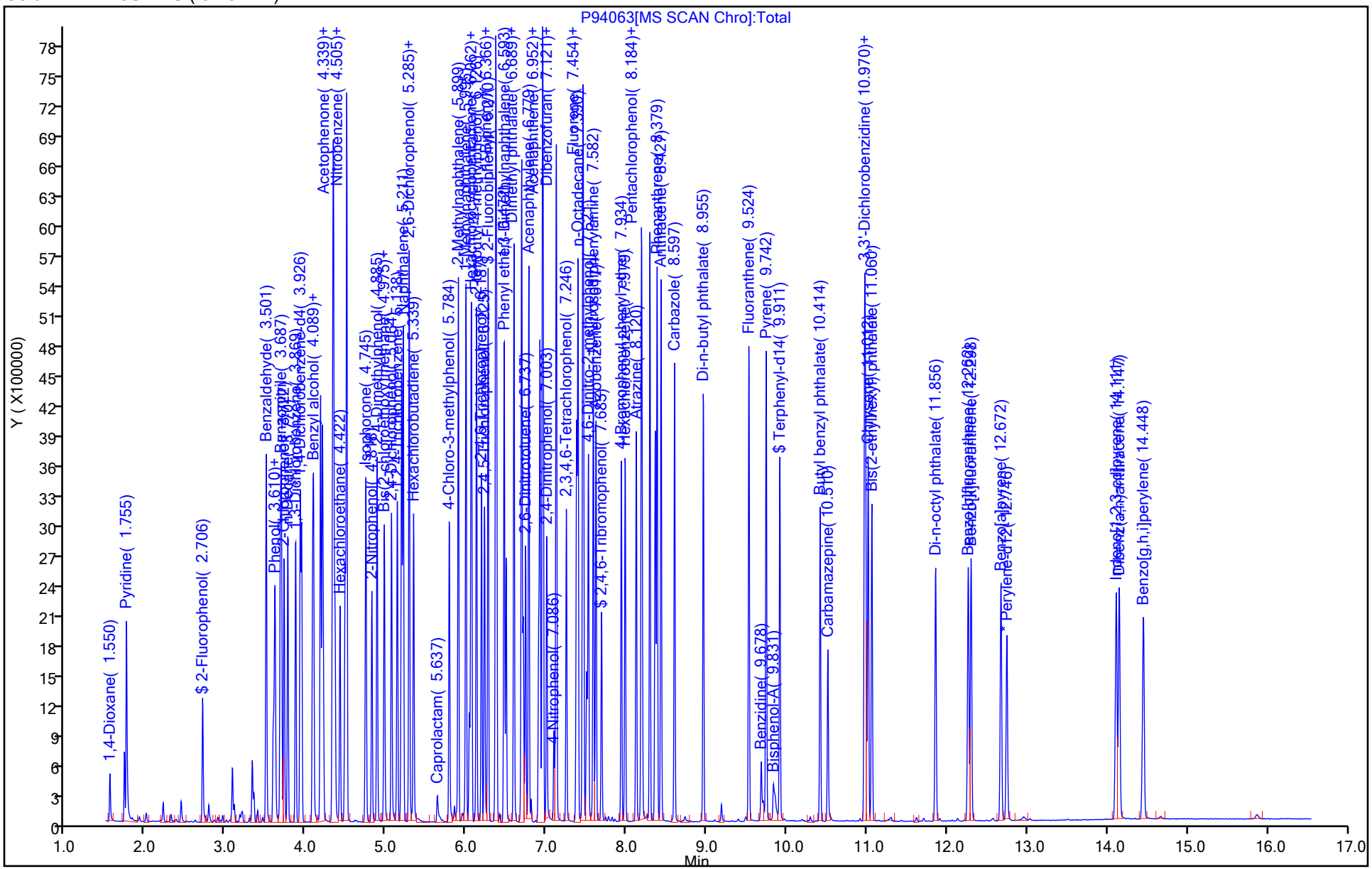
Lims ID: LCS 460-1052770/2-A Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94063.D
Lims ID: LCS 460-1052770/2-A
Client ID:
Sample Type: LCS
Inject. Date: 31-Jul-2025 07:25:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194323-008
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 31-Jul-2025 14:49:09 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1661

First Level Reviewer: QQ8R Date: 31-Jul-2025 07:48:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	3.85	38.50
$ 6 Phenol-d5	10.0	2.36	23.63
$ 28 Nitrobenzene-d5	10.0	7.60	75.97
$ 53 2-Fluorobiphenyl	10.0	8.33	83.27
$ 79 2,4,6-Tribromophenol	10.0	10.3	102.80
$ 97 Terphenyl-d14	10.0	7.65	76.55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1052770/3-A

Matrix: Water | Lab File ID: P94064.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/30/2025 09:36

Sample wt/vol: 250(mL) | Date Analyzed: 07/31/2025 07:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1052909 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	89.2		10	0.53
83-32-9	Acenaphthene	83.0		10	1.1
208-96-8	Acenaphthylene	87.2		10	0.82
120-12-7	Anthracene	90.7		10	1.3
56-55-3	Benzo[a]anthracene	92.9		1.0	0.59
50-32-8	Benzo[a]pyrene	95.9		1.0	0.41
205-99-2	Benzo[b]fluoranthene	91.9		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	101		10	0.70
207-08-9	Benzo[k]fluoranthene	88.3		1.0	0.67
218-01-9	Chrysene	90.1		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	110		1.0	0.72
206-44-0	Fluoranthene	99.3		10	0.84
86-73-7	Fluorene	88.6		10	0.91
193-39-5	Indeno[1,2,3-cd]pyrene	112		2.0	0.94
91-20-3	Naphthalene	80.8		2.0	0.54
85-01-8	Phenanthrene	90.2		10	1.3
129-00-0	Pyrene	84.8		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	95		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	86		39-145
1718-51-0	Terphenyl-d14 (Surr)	87		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94064.D
Lims ID: LCSD 460-1052770/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 31-Jul-2025 07:47:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194323-009
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 31-Jul-2025 14:49:09 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1661

First Level Reviewer: QQ8R Date: 31-Jul-2025 08:19:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.537	1.533	0.003	93	172957	10.0	3.93	
2 N-Nitrosodimethylamine	74	1.722	1.718	0.003	90	301850	10.0	4.69	
3 Pyridine	79	1.745	1.740	0.003	94	901251	20.0	9.15	
$ 4 2-Fluorophenol	112	2.706	2.697	0.006	96	412205	10.0	3.96	
5 Benzaldehyde	77	3.501	3.498	0.000	96	909219	5.00	10.3	E
$ 6 Phenol-d5	99	3.588	3.587	-0.003	0	309040	10.0	2.28	
7 Phenol	94	3.600	3.600	-0.003	89	423540	10.0	3.07	
8 Aniline	93	3.610	3.609	-0.003	97	1105916	10.0	7.39	
9 Bis(2-chloroethyl)ether	93	3.677	3.676	-0.003	98	1017348	10.0	10.2	
10 Benzonitrile	103	3.690	3.692	-0.006	98	2044021	NC	NC	
11 2-Chlorophenol	128	3.725	3.721	0.000	96	844611	10.0	8.58	
12 n-Decane	43	3.770	3.766	0.000	88	637923	10.0	5.87	
13 1,3-Dichlorobenzene	146	3.869	3.865	0.000	95	882124	10.0	8.30	
* 14 1,4-Dichlorobenzene-d4	152	3.926	3.926	0.000	96	548226	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.942	3.938	0.000	94	904794	10.0	8.51	
17 Benzyl alcohol	108	4.080	4.079	-0.003	94	446645	10.0	8.29	
18 1,2-Dichlorobenzene	146	4.089	4.088	-0.003	95	893177	10.0	8.92	
20 2-Methylphenol	108	4.201	4.197	0.000	88	621746	10.0	7.14	
21 2,2'-oxybis[1-chloropropane]	45	4.208	4.203	0.001	95	1062785	10.0	7.93	
23 Acetophenone	105	4.339	4.334	0.001	95	1469775	10.0	10.7	
22 N-Methylaniline	106	4.329	4.340	-0.013	96	1299817	10.0	8.63	a
24 N-Nitrosodi-n-propylamine	70	4.345	4.340	0.000	87	739956	10.0	10.6	
25 3 & 4 Methylphenol	108	4.361	4.356	0.000	0	587775	10.0	6.41	
26 4-Methylphenol	108	4.361	4.356	0.000	96	577838	10.0	6.48	
27 Hexachloroethane	117	4.422	4.417	0.000	96	326288	10.0	8.07	
$ 28 Nitrobenzene-d5	82	4.486	4.483	0.000	87	1028152	10.0	8.63	
29 Nitrobenzene	123	4.508	4.502	0.003	84	516412	10.0	10.9	
30 n,n'-Dimethylaniline	120	4.508	4.503	0.000	88	1676746	10.0	11.0	
31 Isophorone	82	4.745	4.742	0.001	99	1935155	10.0	10.5	
32 2-Nitrophenol	139	4.818	4.815	0.000	92	532796	10.0	10.8	
33 2,4-Dimethylphenol	122	4.885	4.883	0.000	92	802760	10.0	9.96	
34 Bis(2-chloroethoxy)methane	93	4.975	4.972	0.000	99	1170496	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.978	5.023	-0.048	86	61297	10.0	1.75	
36 2,4-Dichlorophenol	162	5.064	5.061	0.000	96	753583	10.0	11.2	
37 1,2,4-Trichlorobenzene	180	5.138	5.135	0.000	95	751399	10.0	10.5	
* 38 Naphthalene-d8	136	5.189	5.189	0.000	99	2157743	8.00	8.00	
39 Naphthalene	128	5.211	5.209	0.000	99	2859656	10.0	10.1	
40 4-Chloroaniline	127	5.285	5.282	0.000	90	1044255	10.0	10.7	
41 2,6-Dichlorophenol	162	5.285	5.282	0.000	85	754150	10.0	11.3	
42 Hexachlorobutadiene	225	5.339	5.336	0.000	95	415202	10.0	11.3	
44 Caprolactam	55	5.640	5.681	-0.044	94	70359	5.00	2.31	
45 4-Chloro-3-methylphenol	107	5.787	5.784	0.000	97	707084	10.0	10.1	
46 2-Methylnaphthalene	142	5.899	5.895	0.001	91	1794395	10.0	11.2	
47 1-Methylnaphthalene	142	5.995	5.991	0.001	93	1816674	10.0	11.0	
48 Hexachlorocyclopentadiene	237	6.056	6.053	0.001	96	559810	10.0	10.2	
49 1,2,4,5-Tetrachlorobenzene	216	6.065	6.062	0.000	97	820409	10.0	11.5	
50 2-tertbutyl-4-methylphenol	149	6.126	6.123	0.000	90	1299947	10.0	12.9	
51 2,4,6-Trichlorophenol	196	6.187	6.187	-0.003	89	536223	10.0	11.6	
52 2,4,5-Trichlorophenol	196	6.225	6.222	0.000	95	553367	10.0	11.2	
$ 53 2-Fluorobiphenyl	172	6.270	6.267	0.000	98	2005888	10.0	9.47	
54 1,1'-Biphenyl	154	6.366	6.363	0.000	97	2349926	10.0	10.3	
55 2-Chloronaphthalene	162	6.376	6.373	0.001	99	1721591	10.0	10.4	
56 Phenyl ether	170	6.472	6.469	0.001	85	1234300	10.0	10.8	
57 2-Nitroaniline	65	6.497	6.494	0.000	96	518143	10.0	9.60	
58 1,3-Dimethylnaphthalene	156	6.593	6.590	0.000	91	1368706	10.0	11.4	
59 Dimethyl phthalate	163	6.689	6.686	0.000	99	1882615	10.0	11.6	
60 Coumarin	146	6.693	6.689	0.000	78	607265	10.0	12.7	
61 2,6-Dinitrotoluene	165	6.741	6.737	0.001	96	428118	10.0	11.7	
62 Acenaphthylene	152	6.779	6.776	0.001	98	2940428	10.0	10.9	
63 3-Nitroaniline	138	6.901	6.900	-0.002	96	374271	10.0	9.24	
* 64 Acenaphthene-d10	164	6.917	6.916	0.001	95	1043644	8.00	8.00	
65 Acenaphthene	154	6.949	6.945	0.001	95	1605082	10.0	10.4	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.958	6.955	0.000	97	1405372	10.0	11.5	
67 2,4-Dinitrophenol	184	7.003	6.999	0.001	96	497560	20.0	22.4	
68 4-Nitrophenol	65	7.093	7.092	-0.002	95	225396	20.0	6.97	
70 Dibenzofuran	168	7.118	7.118	-0.003	96	2374126	10.0	10.8	
69 2,4-Dinitrotoluene	165	7.128	7.124	0.001	94	556955	10.0	12.8	
71 2,3,4,6-Tetrachlorophenol	232	7.246	7.246	-0.003	93	434122	10.0	13.1	
72 Diethyl phthalate	149	7.374	7.374	-0.003	98	1880697	10.0	11.6	
87 n-Octadecane	57	7.393	7.387	0.000	93	1222470	10.0	8.21	
73 Fluorene	166	7.451	7.450	-0.003	94	1925269	10.0	11.1	
74 4-Chlorophenyl phenyl ether	204	7.461	7.460	-0.002	88	855470	10.0	11.9	
75 4-Nitroaniline	138	7.502	7.498	0.000	88	374778	10.0	11.5	
76 4,6-Dinitro-2-methylphenol	198	7.525	7.518	0.001	86	646864	20.0	23.9	
77 N-Nitrosodiphenylamine	169	7.582	7.579	-0.003	69	1353170	10.0	11.2	
131 Azobenzene	77	7.618	7.611	0.001	99	1887588	10.0	8.92	
78 1,2-Diphenylhydrazine	77	7.618	7.611	0.001	51	1887725	10.0	9.18	
$ 79 2,4,6-Tribromophenol	330	7.688	7.684	0.001	94	318454	10.0	11.6	
80 4-Bromophenyl phenyl ether	248	7.934	7.927	0.001	93	510854	10.0	12.6	
82 Hexachlorobenzene	284	7.979	7.975	-0.003	96	619210	10.0	13.0	
83 Atrazine	200	8.120	8.110	0.004	93	522314	5.00	15.6	E
84 Pentachlorophenol	266	8.184	8.177	0.001	94	719935	20.0	27.3	
85 Pentachloronitrobenzene	237	8.194	8.186	0.001	89	185377	10.0	15.6	
* 88 Phenanthrene-d10	188	8.357	8.356	0.001	99	1602232	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.380	8.372	0.001	97	2487777	10.0	11.3	
90 Anthracene	178	8.428	8.423	-0.002	98	2554968	10.0	11.3	
91 Carbazole	167	8.597	8.593	-0.002	96	2190110	10.0	11.5	
92 Di-n-butyl phthalate	149	8.956	8.950	-0.001	99	2715372	10.0	12.6	
93 Fluoranthene	202	9.525	9.519	-0.001	98	2269324	10.0	12.4	
94 Benzidine	184	9.678	9.671	-0.002	99	527841	10.0	6.29	
95 Pyrene	202	9.739	9.735	-0.005	97	2286181	10.0	10.6	
96 Bisphenol-A	213	9.832	9.821	0.002	98	326458	5.00	4.29	
$ 97 Terphenyl-d14	244	9.912	9.905	-0.002	98	1484218	10.0	8.68	
98 Butyl benzyl phthalate	149	10.415	10.407	-0.001	98	929081	10.0	11.3	
100 Carbamazepine	193	10.511	10.503	-0.001	93	637881	10.0	11.4	
101 3,3'-Dichlorobenzidine	252	10.968	10.959	-0.001	99	649940	10.0	10.7	
102 Benzo[a]anthracene	228	10.975	10.966	-0.001	100	1815856	10.0	11.6	
* 103 Chrysene-d12	240	10.984	10.985	-0.001	99	936630	8.00	8.00	
104 Chrysene	228	11.013	11.004	-0.001	98	1692195	10.0	11.3	
105 Bis(2-ethylhexyl) phthalate	149	11.061	11.052	-0.001	87	1304680	10.0	10.1	
106 Di-n-octyl phthalate	149	11.854	11.851	-0.005	97	2032535	10.0	10.6	
107 Benzo[b]fluoranthene	252	12.264	12.257	-0.001	99	1637925	10.0	11.5	
108 Benzo[k]fluoranthene	252	12.299	12.292	-0.001	99	1616302	10.0	11.0	
109 Benzo[a]pyrene	252	12.673	12.666	-0.001	98	1510624	10.0	12.0	
* 110 Perylene-d12	264	12.747	12.748	-0.001	98	947972	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.113	14.106	-0.001	99	1765614	10.0	14.0	
112 Dibenz(a,h)anthracene	278	14.152	14.144	-0.001	98	1750057	10.0	13.8	
113 Benzo[g,h,i]perylene	276	14.456	14.445	0.002	98	1610536	10.0	12.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 01-Aug-2025 11:24:49 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94064.D

Injection Date: 31-Jul-2025 07:47:30 Instrument ID: CBNAMS18 Operator ID:

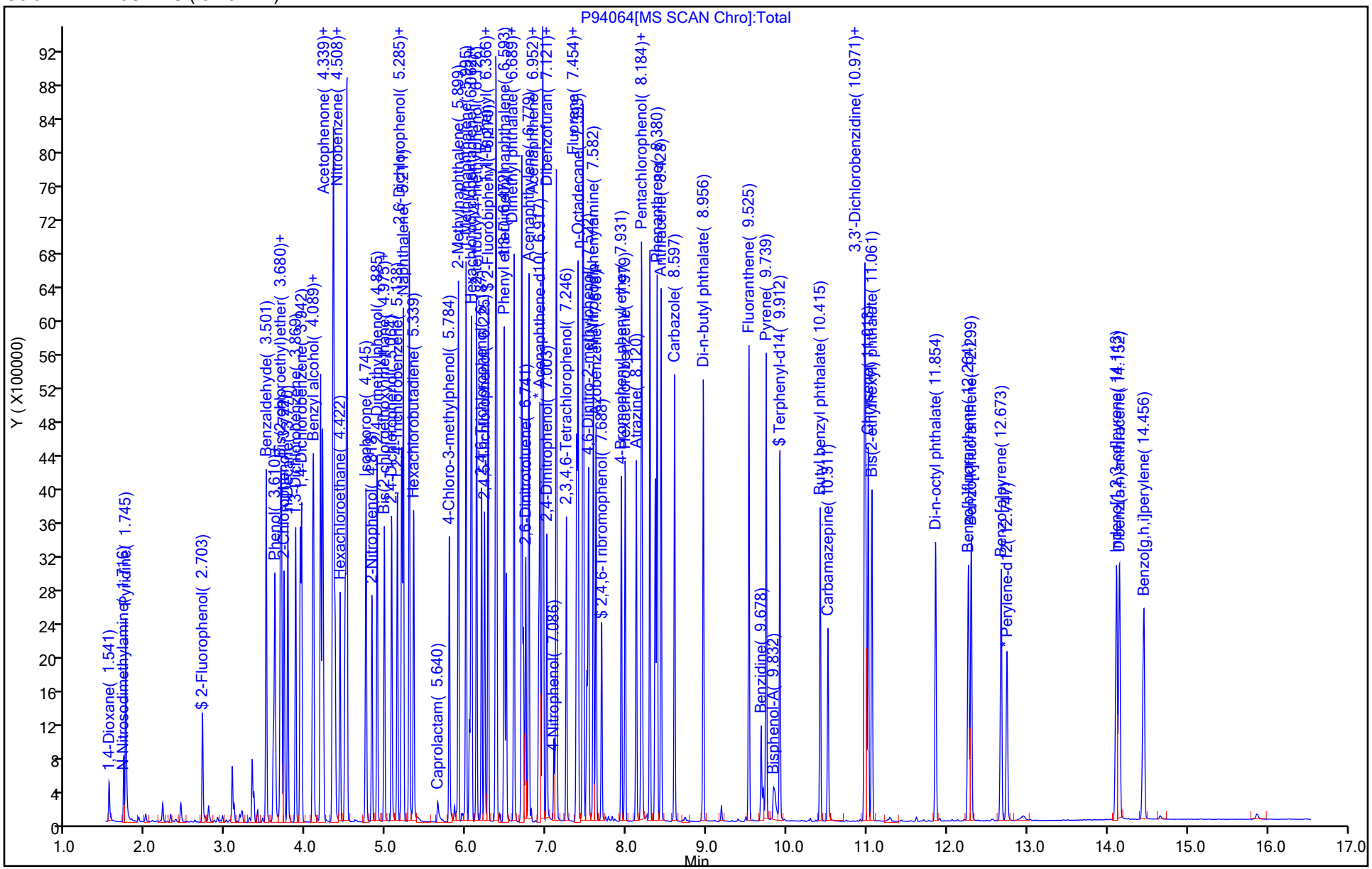
Lims ID: LCSD 460-1052770/3-A Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\P94064.D
Lims ID: LCSD 460-1052770/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 31-Jul-2025 07:47:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194323-009
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250731-194323.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 31-Jul-2025 14:49:09 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1661

First Level Reviewer: QQ8R Date: 31-Jul-2025 08:19:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	3.96	39.60
$ 6 Phenol-d5	10.0	2.28	22.76
$ 28 Nitrobenzene-d5	10.0	8.63	86.27
$ 53 2-Fluorobiphenyl	10.0	9.47	94.65
$ 79 2,4,6-Tribromophenol	10.0	11.6	116.10
$ 97 Terphenyl-d14	10.0	8.68	86.79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-12S MS | Lab Sample ID: 460-331678-6 MS

Matrix: Water | Lab File ID: P94104.D

Analysis Method: 8270E | Date Collected: 07/28/2025 12:45

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:39

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 10:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053160 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	49.9		10	0.53
83-32-9	Acenaphthene	44.8		10	1.1
208-96-8	Acenaphthylene	46.7		10	0.82
120-12-7	Anthracene	48.6		10	1.3
56-55-3	Benzo[a]anthracene	49.2		1.0	0.59
50-32-8	Benzo[a]pyrene	49.6		1.0	0.41
205-99-2	Benzo[b]fluoranthene	50.2		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	43.3		10	0.70
207-08-9	Benzo[k]fluoranthene	50.5		1.0	0.67
218-01-9	Chrysene	47.5		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	44.8		1.0	0.72
206-44-0	Fluoranthene	54.1		10	0.84
86-73-7	Fluorene	48.4		10	0.91
193-39-5	Indeno[1,2,3-cd]pyrene	46.2		2.0	0.94
91-20-3	Naphthalene	46.1		2.0	0.54
85-01-8	Phenanthrene	47.7		10	1.3
129-00-0	Pyrene	44.8		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	91		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	88		39-145
1718-51-0	Terphenyl-d14 (Surr)	66		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94104.D
Lims ID: 460-331678-E-6-B MS
Client ID: MW-12S
Sample Type: MS
Inject. Date: 01-Aug-2025 10:38:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-015
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:31:15 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 11:04:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.527	1.543	-0.016	94	78438	10.0	1.97	
2 N-Nitrosodimethylamine	74	1.709	1.722	-0.016	90	124006	10.0	2.21	
3 Pyridine	79	1.741	1.744	-0.006	95	216851	20.0	2.53	
$ 4 2-Fluorophenol	112	2.692	2.696	-0.004	96	405989	10.0	4.48	
5 Benzaldehyde	77	3.487	3.494	-0.007	96	948779	5.00	12.3	E
$ 6 Phenol-d5	99	3.574	3.584	-0.010	0	323925	10.0	2.74	
7 Phenol	94	3.586	3.589	-0.010	96	225336	10.0	1.88	
8 Aniline	93	3.596	3.596	-0.007	96	290539	10.0	2.23	
9 Bis(2-chloroethyl)ether	93	3.660	3.663	-0.010	98	450792	10.0	5.19	
10 Benzonitrile	103	3.673	3.679	-0.013	98	954395	NC	NC	
11 2-Chlorophenol	128	3.708	3.708	-0.007	97	415504	10.0	4.85	
12 n-Decane	43	3.756	3.760	-0.004	88	349240	10.0	3.69	
13 1,3-Dichlorobenzene	146	3.852	3.852	-0.007	95	470829	10.0	5.08	
* 14 1,4-Dichlorobenzene-d4	152	3.912	3.916	-0.004	96	477575	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.928	3.925	-0.004	95	480157	10.0	5.19	
17 Benzyl alcohol	108	4.066	4.065	-0.007	93	180617	10.0	3.85	
18 1,2-Dichlorobenzene	146	4.075	4.071	-0.004	95	462156	10.0	5.30	
20 2-Methylphenol	108	4.187	4.186	-0.007	89	303705	10.0	4.01	
21 2,2'-oxybis[1-chloropropane]	45	4.194	4.189	-0.003	90	495312	10.0	4.24	
22 N-Methylaniline	106	4.315	4.314	-0.004	97	353600	10.0	2.69	
23 Acetophenone	105	4.321	4.323	-0.011	94	695808	10.0	5.80	
24 N-Nitrosodi-n-propylamine	70	4.328	4.327	-0.007	87	352336	10.0	5.78	
25 3 & 4 Methylphenol	108	4.347	4.346	-0.007	0	301469	10.0	3.78	
26 4-Methylphenol	108	4.347	4.346	-0.007	97	294843	10.0	3.80	
19 2-Toluidine	107	4.347	4.379	-0.040	81	350855		NC	
27 Hexachloroethane	117	4.408	4.400	0.000	95	168639	10.0	4.79	
$ 28 Nitrobenzene-d5	82	4.468	4.476	-0.008	87	914476	10.0	8.83	
29 Nitrobenzene	123	4.488	4.489	-0.007	94	242844	10.0	5.86	
30 n,n'-Dimethylaniline	120	4.491	4.486	-0.004	84	534359	10.0	4.04	
31 Isophorone	82	4.727	4.735	-0.008	99	915019	10.0	5.72	
32 2-Nitrophenol	139	4.804	4.802	-0.004	92	255151	10.0	5.95	
33 2,4-Dimethylphenol	122	4.871	4.869	-0.004	91	379051	10.0	5.41	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.960	4.959	-0.005	98	559638	10.0	5.56	
35 Benzoic acid	122	4.973	5.026	-0.059	87	92718	10.0	2.59	
36 2,4-Dichlorophenol	162	5.053	5.051	-0.004	95	360988	10.0	6.20	
37 1,2,4-Trichlorobenzene	180	5.123	5.118	-0.002	94	380281	10.0	6.11	
* 38 Naphthalene-d8	136	5.175	5.179	-0.004	99	1874933	8.00	8.00	
39 Naphthalene	128	5.197	5.198	-0.001	99	1418351	10.0	5.76	
40 4-Chloroaniline	127	5.271	5.269	-0.004	78	314298	10.0	3.70	
41 2,6-Dichlorophenol	162	5.271	5.269	-0.004	93	360767	10.0	6.23	
42 Hexachlorobutadiene	225	5.325	5.323	-0.005	95	213578	10.0	6.67	
44 Caprolactam	55	5.609	5.687	-0.078	94	67267	5.00	2.55	
45 4-Chloro-3-methylphenol	107	5.775	5.773	-0.005	97	350408	10.0	5.78	
46 2-Methylnaphthalene	142	5.884	5.878	-0.002	84	871127	10.0	6.23	
47 1-Methylnaphthalene	142	5.980	5.974	-0.002	93	890302	10.0	6.22	
48 Hexachlorocyclopentadiene	237	6.041	6.039	-0.002	97	301471	10.0	5.85	
49 1,2,4,5-Tetrachlorobenzene	216	6.050	6.049	-0.002	96	402136	10.0	6.01	
50 2-tertbutyl-4-methylphenol	149	6.114	6.109	-0.002	90	631047	10.0	7.21	
51 2,4,6-Trichlorophenol	196	6.175	6.174	-0.002	89	263312	10.0	6.06	
52 2,4,5-Trichlorophenol	196	6.217	6.215	-0.002	96	283277	10.0	6.14	
$ 53 2-Fluorobiphenyl	172	6.258	6.257	0.001	98	1810516	10.0	9.11	
54 1,1'-Biphenyl	154	6.351	6.353	-0.002	97	1156475	10.0	5.38	
55 2-Chloronaphthalene	162	6.361	6.359	-0.002	97	857054	10.0	5.50	
56 Phenyl ether	170	6.457	6.455	-0.002	86	611530	10.0	5.73	
57 2-Nitroaniline	65	6.479	6.481	-0.005	95	245691	10.0	4.85	
58 1,3-Dimethylnaphthalene	156	6.578	6.577	-0.002	91	684838	10.0	6.11	
59 Dimethyl phthalate	163	6.671	6.673	-0.005	99	967982	10.0	6.36	
60 Coumarin	146	6.674	6.671	-0.006	78	323889	10.0	7.78	
61 2,6-Dinitrotoluene	165	6.722	6.724	-0.006	96	224913	10.0	6.56	
62 Acenaphthylene	152	6.764	6.764	-0.002	98	1479164	10.0	5.84	
63 3-Nitroaniline	138	6.885	6.887	-0.006	95	144039	10.0	3.79	
* 64 Acenaphthene-d10	164	6.901	6.904	-0.003	95	978957	8.00	8.00	
65 Acenaphthene	154	6.933	6.936	-0.003	96	812959	10.0	5.60	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.946	6.949	-0.002	98	759692	10.0	6.60	
67 2,4-Dinitrophenol	184	6.988	6.989	-0.005	96	265124	20.0	13.4	a
68 4-Nitrophenol	65	7.087	7.085	-0.002	95	145341	20.0	4.85	a
70 Dibenzofuran	168	7.103	7.104	-0.006	98	1230403	10.0	5.98	
69 2,4-Dinitrotoluene	165	7.109	7.111	-0.006	92	296196	10.0	7.23	
71 2,3,4,6-Tetrachlorophenol	232	7.234	7.232	-0.003	92	214655	10.0	6.91	
72 Diethyl phthalate	149	7.359	7.365	-0.006	98	961727	10.0	6.33	
87 n-Octadecane	57	7.378	7.381	-0.003	93	603464	10.0	4.08	
73 Fluorene	166	7.435	7.434	-0.003	94	985800	10.0	6.04	
74 4-Chlorophenyl phenyl ether	204	7.448	7.447	-0.003	88	439350	10.0	6.52	
75 4-Nitroaniline	138	7.483	7.488	-0.010	86	181920	10.0	5.94	
76 4,6-Dinitro-2-methylphenol	198	7.506	7.508	-0.006	85	328828	20.0	12.3	
77 N-Nitrosodiphenylamine	169	7.567	7.573	-0.006	70	691558	10.0	5.74	
131 Azobenzene	77	7.602	7.605	-0.003	99	969201	10.0	4.61	
78 1,2-Diphenylhydrazine	77	7.602	7.605	-0.003	51	969201	10.0	4.75	
$ 79 2,4,6-Tribromophenol	330	7.672	7.675	-0.003	94	307596	10.0	12.0	
81 1-Naphthylamine	143	7.918	7.884	0.029	50	18242		NC	
80 4-Bromophenyl phenyl ether	248	7.918	7.917	-0.004	90	268514	10.0	6.67	
82 Hexachlorobenzene	284	7.966	7.965	-0.004	96	316430	10.0	6.68	
83 Atrazine	200	8.107	8.100	0.003	93	590058	5.00	17.8	E
84 Pentachlorophenol	266	8.171	8.167	0.000	93	367691	20.0	14.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Pentachloronitrobenzene	237	8.178	8.176	-0.003	87	101444	10.0	8.58	
86 2-Naphthylamine	143	8.171	8.211	-0.040	48	35111		NC	
* 88 Phenanthrene-d10	188	8.341	8.344	-0.003	99	1590450	8.00	8.00	
89 Phenanthrene	178	8.363	8.367	-0.004	97	1306417	10.0	5.96	
90 Anthracene	178	8.411	8.415	-0.004	98	1358434	10.0	6.07	
91 Carbazole	167	8.584	8.580	0.000	96	1159918	10.0	6.14	
92 Di-n-butyl phthalate	149	8.942	8.943	0.000	99	1464470	10.0	6.86	
93 Fluoranthene	202	9.511	9.512	-0.001	98	1226708	10.0	6.76	
94 Benzidine	184	9.674	9.660	0.009	99	53703	10.0	0.7920	
95 Pyrene	202	9.725	9.726	-0.001	97	1248029	10.0	5.60	
96 Bisphenol-A	213	9.827	9.819	0.008	97	194691	5.00	2.48	
$ 97 Terphenyl-d14	244	9.898	9.899	-0.001	98	1169915	10.0	6.62	
98 Butyl benzyl phthalate	149	10.400	10.401	-0.001	98	510125	10.0	5.98	
100 Carbamazepine	193	10.492	10.497	-0.005	95	321426	10.0	6.37	
101 3,3'-Dichlorobenzidine	252	10.949	10.946	-0.003	99	295960	10.0	4.88	
102 Benzo[a]anthracene	228	10.953	10.955	-0.002	99	994981	10.0	6.15	
* 103 Chrysene-d12	240	10.966	10.968	-0.002	99	968485	8.00	8.00	
104 Chrysene	228	10.994	11.000	-0.006	98	921948	10.0	5.93	
105 Bis(2-ethylhexyl) phthalate	149	11.042	11.045	-0.003	87	703159	10.0	5.93	
106 Di-n-octyl phthalate	149	11.835	11.838	-0.003	97	1061839	10.0	6.22	
107 Benzo[b]fluoranthene	252	12.241	12.239	-0.003	99	819988	10.0	6.28	
108 Benzo[k]fluoranthene	252	12.273	12.274	-0.006	99	885046	10.0	6.31	
109 Benzo[a]pyrene	252	12.647	12.650	-0.003	97	747577	10.0	6.20	
* 110 Perylene-d12	264	12.721	12.724	-0.003	98	907502	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.079	14.081	-0.007	99	697863	10.0	5.77	
112 Dibenz(a,h)anthracene	278	14.118	14.116	-0.004	98	680333	10.0	5.60	
113 Benzo[g,h,i]perylene	276	14.415	14.419	-0.008	98	657439	10.0	5.41	
S 115 Total Cresols	1				0			7.78	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

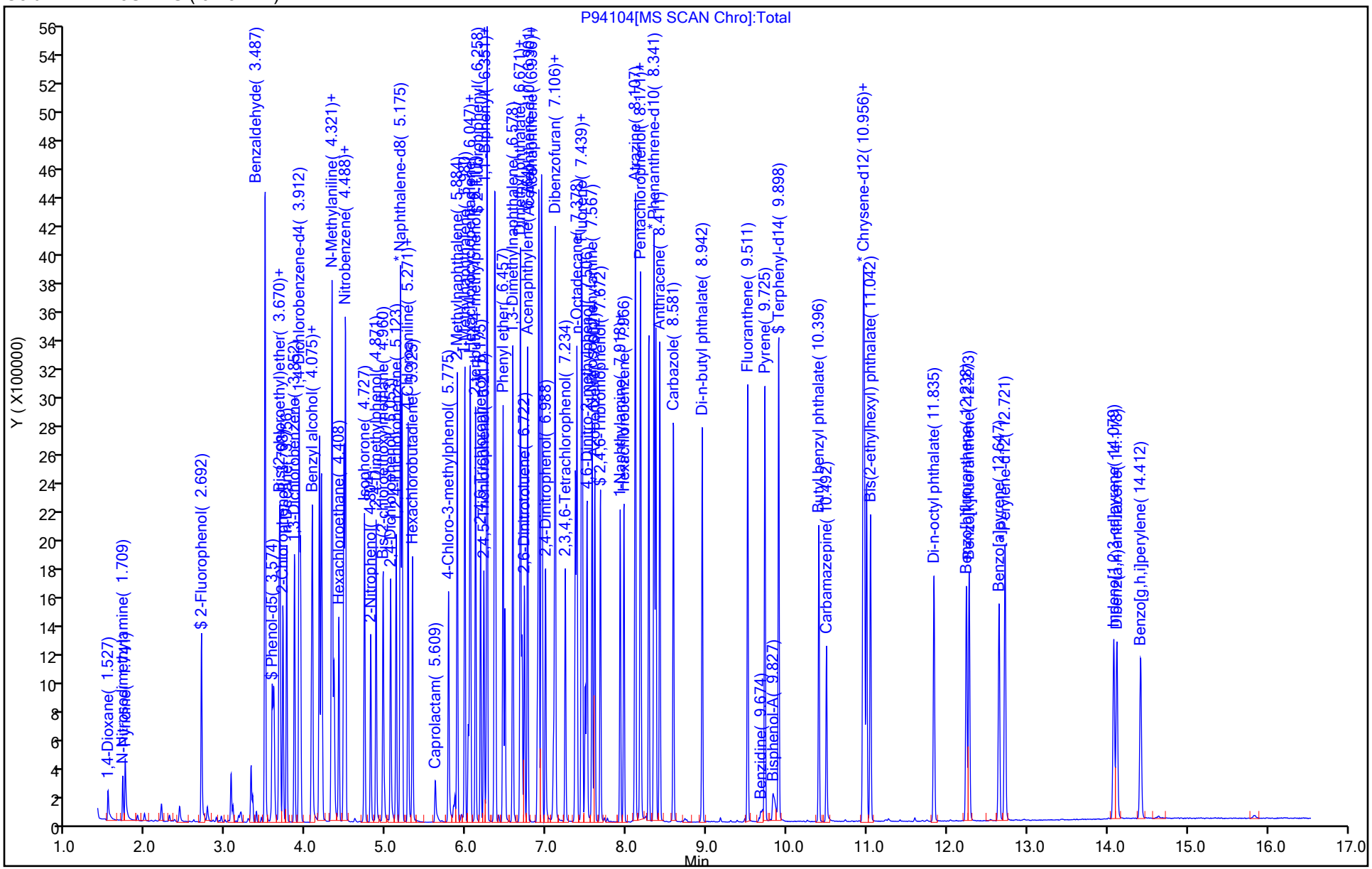
Report Date: 04-Aug-2025 12:34:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94104.D

Injection Date:	01-Aug-2025 10:38:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	460-331678-E-6-B MS			Worklist Smp#:	15
Client ID:	MW-12S				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94104.D
Lims ID: 460-331678-E-6-B MS
Client ID: MW-12S
Sample Type: MS
Inject. Date: 01-Aug-2025 10:38:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-015
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:31:15 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 11:04:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.48	44.78
$ 6 Phenol-d5	10.0	2.74	27.38
$ 28 Nitrobenzene-d5	10.0	8.83	88.31
$ 53 2-Fluorobiphenyl	10.0	9.11	91.08
$ 79 2,4,6-Tribromophenol	10.0	12.0	119.55
$ 97 Terphenyl-d14	10.0	6.62	66.16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-12S MSD | Lab Sample ID: 460-331678-6 MSD

Matrix: Water | Lab File ID: P94105.D

Analysis Method: 8270E | Date Collected: 07/28/2025 12:45

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:39

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 10:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053160 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS18

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	59.9		10	0.53
83-32-9	Acenaphthene	52.8		10	1.1
208-96-8	Acenaphthylene	55.3		10	0.82
120-12-7	Anthracene	56.1		10	1.3
56-55-3	Benzo[a]anthracene	55.5		1.0	0.59
50-32-8	Benzo[a]pyrene	57.2		1.0	0.41
205-99-2	Benzo[b]fluoranthene	57.9		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	50.9		10	0.70
207-08-9	Benzo[k]fluoranthene	57.5		1.0	0.67
218-01-9	Chrysene	53.8		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	52.3		1.0	0.72
206-44-0	Fluoranthene	62.5		10	0.84
86-73-7	Fluorene	57.0		10	0.91
193-39-5	Indeno[1,2,3-cd]pyrene	54.6		2.0	0.94
91-20-3	Naphthalene	55.4		2.0	0.54
85-01-8	Phenanthrene	55.9		10	1.3
129-00-0	Pyrene	51.4		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	95		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	92		39-145
1718-51-0	Terphenyl-d14 (Surr)	70		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94105.D
Lims ID: 460-331678-E-6-C MSD
Client ID: MW-12S
Sample Type: MSD
Inject. Date: 01-Aug-2025 10:59:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-016
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:31:15 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 11:25:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.527	1.543	-0.016	93	90665	10.0	2.61	
2 N-Nitrosodimethylamine	74	1.709	1.722	-0.016	90	153943	10.0	3.09	
3 Pyridine	79	1.738	1.744	-0.009	95	406118	20.0	5.33	
$ 4 2-Fluorophenol	112	2.692	2.696	-0.004	96	387029	10.0	4.81	
5 Benzaldehyde	77	3.484	3.494	-0.010	95	900131	5.00	13.1	E
$ 6 Phenol-d5	99	3.574	3.584	-0.010	0	312616	10.0	2.98	
7 Phenol	94	3.587	3.589	-0.009	98	236093	10.0	2.21	
8 Aniline	93	3.599	3.596	-0.004	92	236668	10.0	2.04	
9 Bis(2-chloroethyl)ether	93	3.660	3.663	-0.010	98	466233	10.0	6.04	
10 Benzonitrile	103	3.673	3.679	-0.013	98	992586	NC	NC	
11 2-Chlorophenol	128	3.708	3.708	-0.007	96	437415	10.0	5.74	
12 n-Decane	43	3.756	3.760	-0.004	87	359963	10.0	4.28	
13 1,3-Dichlorobenzene	146	3.852	3.852	-0.007	95	500751	10.0	6.09	
* 14 1,4-Dichlorobenzene-d4	152	3.909	3.916	-0.007	96	424100	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.928	3.925	-0.004	94	513456	10.0	6.25	
17 Benzyl alcohol	108	4.066	4.065	-0.007	93	205628	10.0	4.93	
18 1,2-Dichlorobenzene	146	4.075	4.071	-0.004	95	498349	10.0	6.43	
20 2-Methylphenol	108	4.187	4.186	-0.007	91	334657	10.0	4.97	
21 2,2'-oxybis[1-chloropropane]	45	4.194	4.189	-0.003	96	519537	10.0	5.01	
22 N-Methylaniline	106	4.315	4.314	-0.004	94	390172	10.0	3.35	
23 Acetophenone	105	4.322	4.323	-0.010	96	719312	10.0	6.75	
24 N-Nitrosodi-n-propylamine	70	4.328	4.327	-0.007	88	356676	10.0	6.59	
25 3 & 4 Methylphenol	108	4.347	4.346	-0.007	0	311603	10.0	4.40	
26 4-Methylphenol	108	4.347	4.346	-0.007	97	306804	10.0	4.45	
19 2-Toluidine	107	4.347	4.379	-0.040	62	372114		NC	
27 Hexachloroethane	117	4.408	4.400	0.000	95	185047	10.0	5.92	
$ 28 Nitrobenzene-d5	82	4.469	4.476	-0.007	87	825141	10.0	9.24	
29 Nitrobenzene	123	4.488	4.489	-0.007	92	257301	10.0	6.99	
30 n,n'-Dimethylaniline	120	4.491	4.486	-0.004	84	676551	10.0	5.76	
31 Isophorone	82	4.727	4.735	-0.008	99	947080	10.0	6.86	
32 2-Nitrophenol	139	4.804	4.802	-0.004	92	259920	10.0	7.03	
33 2,4-Dimethylphenol	122	4.871	4.869	-0.004	91	389899	10.0	6.46	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.961	4.959	-0.004	99	571476	10.0	6.58	
35 Benzoic acid	122	4.973	5.026	-0.059	89	97402	10.0	3.02	
36 2,4-Dichlorophenol	162	5.053	5.051	-0.004	96	371741	10.0	7.41	
37 1,2,4-Trichlorobenzene	180	5.124	5.118	-0.001	95	392127	10.0	7.30	
* 38 Naphthalene-d8	136	5.175	5.179	-0.004	99	1616794	8.00	8.00	
39 Naphthalene	128	5.197	5.198	-0.001	99	1470166	10.0	6.93	
40 4-Chloroaniline	127	5.271	5.269	-0.004	94	206604	10.0	2.82	
41 2,6-Dichlorophenol	162	5.271	5.269	-0.004	96	371797	10.0	7.45	
43 Benzidine_T	184	5.341	5.283	0.055	60	1851		NC	
42 Hexachlorobutadiene	225	5.325	5.323	-0.005	95	221971	10.0	8.04	
44 Caprolactam	55	5.613	5.687	-0.074	94	89700	5.00	3.94	
45 4-Chloro-3-methylphenol	107	5.779	5.773	-0.001	96	362707	10.0	6.94	
46 2-Methylnaphthalene	142	5.884	5.878	-0.002	84	901790	10.0	7.48	
47 1-Methylnaphthalene	142	5.980	5.974	-0.002	92	914697	10.0	7.41	
48 Hexachlorocyclopentadiene	237	6.041	6.039	-0.002	97	293372	10.0	6.56	
49 1,2,4,5-Tetrachlorobenzene	216	6.051	6.049	-0.001	97	410526	10.0	7.06	
50 2-tertbutyl-4-methylphenol	149	6.115	6.109	-0.001	90	655083	10.0	8.68	
51 2,4,6-Trichlorophenol	196	6.176	6.174	-0.001	89	267594	10.0	7.09	
52 2,4,5-Trichlorophenol	196	6.217	6.215	-0.002	96	285669	10.0	7.12	
$ 53 2-Fluorobiphenyl	172	6.256	6.257	-0.001	98	1648550	10.0	9.54	
54 1,1'-Biphenyl	154	6.352	6.353	-0.001	96	1186673	10.0	6.36	
55 2-Chloronaphthalene	162	6.361	6.359	-0.002	99	881636	10.0	6.51	
56 Phenyl ether	170	6.457	6.455	-0.002	85	636155	10.0	6.86	
57 2-Nitroaniline	65	6.480	6.481	-0.004	96	259245	10.0	5.89	
58 1,3-Dimethylnaphthalene	156	6.579	6.577	-0.001	91	694698	10.0	7.13	
59 Dimethyl phthalate	163	6.671	6.673	-0.005	99	1000069	10.0	7.57	
60 Coumarin	146	6.675	6.671	-0.005	78	326450	10.0	9.09	
61 2,6-Dinitrotoluene	165	6.723	6.724	-0.005	96	231330	10.0	7.76	
62 Acenaphthylene	152	6.764	6.764	-0.002	98	1521242	10.0	6.92	
63 3-Nitroaniline	138	6.886	6.887	-0.005	96	124018	10.0	3.76	
* 64 Acenaphthene-d10	164	6.902	6.904	-0.002	95	850569	8.00	8.00	
65 Acenaphthene	154	6.934	6.936	-0.002	96	831796	10.0	6.60	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.943	6.949	-0.005	97	787676	10.0	7.88	
67 2,4-Dinitrophenol	184	6.988	6.989	-0.005	96	282554	20.0	16.1	a
68 4-Nitrophenol	65	7.087	7.085	-0.002	94	151275	20.0	5.77	a
70 Dibenzofuran	168	7.103	7.104	-0.006	96	1247345	10.0	6.97	
69 2,4-Dinitrotoluene	165	7.110	7.111	-0.005	92	298303	10.0	8.38	
71 2,3,4,6-Tetrachlorophenol	232	7.235	7.232	-0.002	93	224749	10.0	8.33	
72 Diethyl phthalate	149	7.359	7.365	-0.006	98	987546	10.0	7.48	
87 n-Octadecane	57	7.378	7.381	-0.003	92	606954	10.0	4.78	
73 Fluorene	166	7.436	7.434	-0.002	96	1010222	10.0	7.13	
74 4-Chlorophenyl phenyl ether	204	7.449	7.447	-0.002	87	448238	10.0	7.65	
75 4-Nitroaniline	138	7.484	7.488	-0.009	86	182469	10.0	6.85	
76 4,6-Dinitro-2-methylphenol	198	7.507	7.508	-0.005	86	342157	20.0	14.9	
77 N-Nitrosodiphenylamine	169	7.567	7.573	-0.006	84	705755	10.0	6.82	
131 Azobenzene	77	7.603	7.605	-0.002	99	986925	10.0	5.47	
78 1,2-Diphenylhydrazine	77	7.603	7.605	-0.002	51	985685	10.0	5.62	
$ 79 2,4,6-Tribromophenol	330	7.673	7.675	-0.002	93	276658	10.0	12.4	
81 1-Naphthylamine	143	7.919	7.884	0.030	50	19886		NC	
80 4-Bromophenyl phenyl ether	248	7.919	7.917	-0.003	89	266454	10.0	7.70	
82 Hexachlorobenzene	284	7.964	7.965	-0.006	96	321285	10.0	7.89	
83 Atrazine	200	8.105	8.100	0.001	93	396574	5.00	13.9	E

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
84 Pentachlorophenol	266	8.172	8.167	0.001	94	291371	20.0	12.9	
85 Pentachloronitrobenzene	237	8.175	8.176	-0.006	88	97484	10.0	9.59	
86 2-Naphthylamine	143	8.172	8.211	-0.039	51	28542		NC	
* 88 Phenanthrene-d10	188	8.342	8.344	-0.002	99	1367222	8.00	8.00	
89 Phenanthrene	178	8.364	8.367	-0.003	97	1315755	10.0	6.99	
90 Anthracene	178	8.412	8.415	-0.003	98	1347275	10.0	7.01	
91 Carbazole	167	8.582	8.580	-0.002	96	1171394	10.0	7.21	
92 Di-n-butyl phthalate	149	8.943	8.943	0.001	99	1482108	10.0	8.08	
93 Fluoranthene	202	9.509	9.512	-0.003	98	1218240	10.0	7.81	
94 Benzidine	184	9.669	9.660	0.004	99	78333	10.0	1.30	
95 Pyrene	202	9.723	9.726	-0.003	98	1236618	10.0	6.43	
96 Bisphenol-A	213	9.832	9.819	0.013	98	171886	5.00	2.53	
$ 97 Terphenyl-d14	244	9.896	9.899	-0.003	98	1075648	10.0	7.05	
98 Butyl benzyl phthalate	149	10.398	10.401	-0.003	98	511261	10.0	6.95	
100 Carbamazepine	193	10.491	10.497	-0.006	95	178360	10.0	4.38	
101 3,3'-Dichlorobenzidine	252	10.948	10.946	-0.004	98	141477	10.0	2.74	
102 Benzo[a]anthracene	228	10.955	10.955	0.000	99	969058	10.0	6.94	
* 103 Chrysene-d12	240	10.964	10.968	-0.004	99	835780	8.00	8.00	
104 Chrysene	228	10.993	11.000	-0.007	98	900719	10.0	6.72	
105 Bis(2-ethylhexyl) phthalate	149	11.041	11.045	-0.004	87	701130	10.0	6.70	
106 Di-n-octyl phthalate	149	11.834	11.838	-0.004	97	1054718	10.0	7.13	
107 Benzo[b]fluoranthene	252	12.241	12.239	-0.003	98	812247	10.0	7.24	
108 Benzo[k]fluoranthene	252	12.273	12.274	-0.006	99	858385	10.0	7.18	
109 Benzo[a]pyrene	252	12.647	12.650	-0.003	97	735227	10.0	7.15	
* 110 Perylene-d12	264	12.721	12.724	-0.003	98	773602	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.080	14.081	-0.006	99	703421	10.0	6.82	
112 Dibenz(a,h)anthracene	278	14.118	14.116	-0.004	98	676498	10.0	6.54	
113 Benzo[g,h,i]perylene	276	14.416	14.419	-0.007	97	659643	10.0	6.36	
S 115 Total Cresols	1				0			9.37	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Aug-2025 12:37:05 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94105.D

Injection Date: 01-Aug-2025 10:59:30 Instrument ID: CBNAMS18 Operator ID:

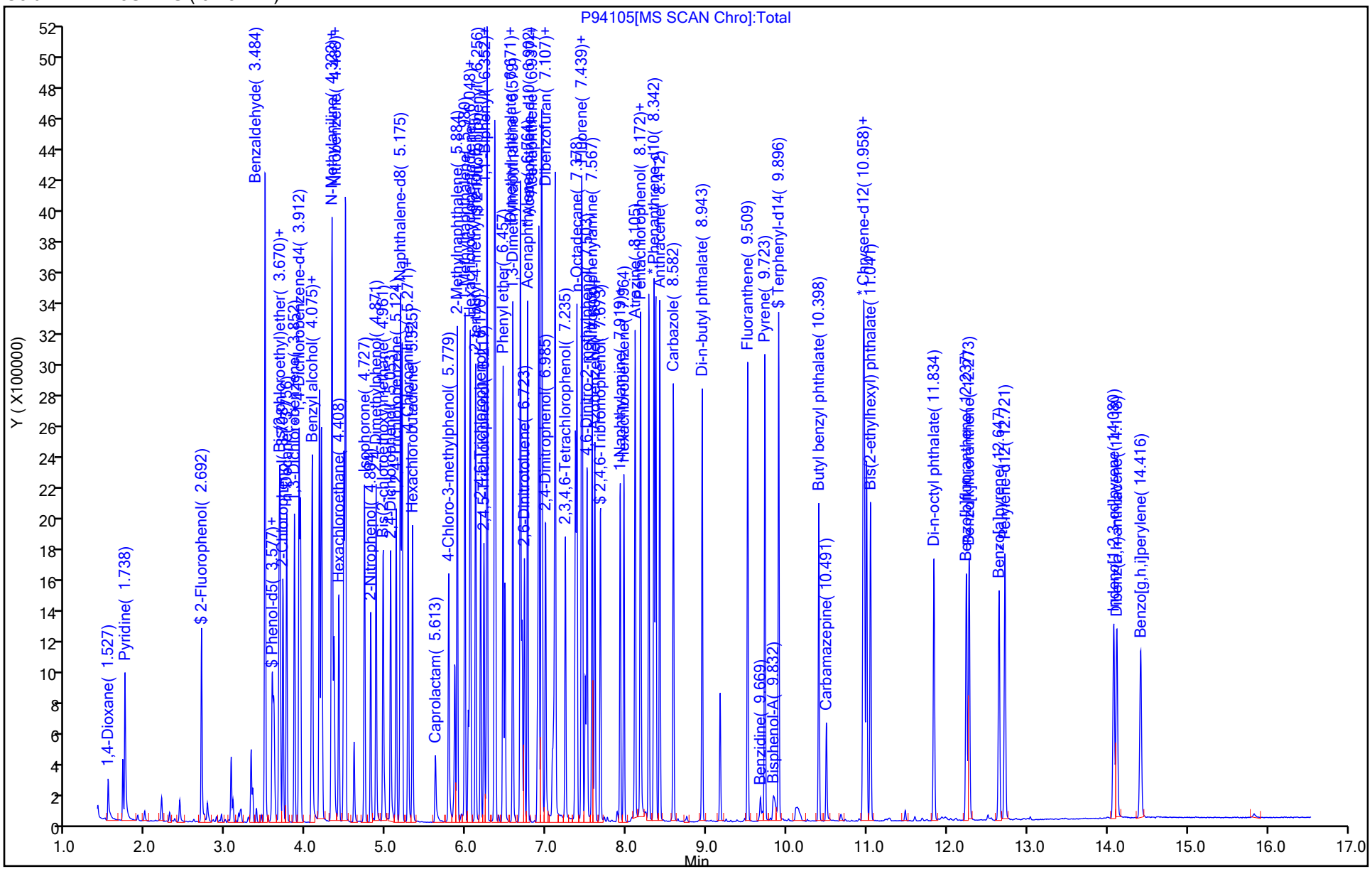
Lims ID: 460-331678-E-6-C MSD Worklist Smp#: 16

Client ID: MW-12S

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\P94105.D
Lims ID: 460-331678-E-6-C MSD
Client ID: MW-12S
Sample Type: MSD
Inject. Date: 01-Aug-2025 10:59:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194380-016
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20250801-194380.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:31:15 Calib Date: 02-Jul-2025 14:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20250702-193105.b\P93566.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 11:25:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	4.81	48.07
$ 6 Phenol-d5	10.0	2.98	29.76
$ 28 Nitrobenzene-d5	10.0	9.24	92.40
$ 53 2-Fluorobiphenyl	10.0	9.54	95.45
$ 79 2,4,6-Tribromophenol	10.0	12.4	123.76
$ 97 Terphenyl-d14	10.0	7.05	70.49

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Instrument ID: CBNAMS18 Start Date: 07/02/2025 10:27

Analysis Batch Number: 1047517 End Date: 07/02/2025 14:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-1047517/1		07/02/2025 10:27	1	P93556.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-1047517/2		07/02/2025 10:53	1	P93557.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-1047517/3 IC		07/02/2025 11:14	1	P93558.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-1047517/4 IC		07/02/2025 11:35	1	P93559.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-1047517/5 IC		07/02/2025 11:57	1	P93560.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-1047517/6 IC		07/02/2025 12:18	1	P93561.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-1047517/7 IC		07/02/2025 12:39	1	P93562.D	Rtxi-5Sil MS 0.25(mm)
STD04 460-1047517/8 IC		07/02/2025 13:01	1	P93563.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-1047517/9 IC		07/02/2025 13:22	1	P93564.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-1047517/10 IC		07/02/2025 13:44	1	P93565.D	Rtxi-5Sil MS 0.25(mm)
STD002 460-1047517/11 IC		07/02/2025 14:05	1	P93566.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-1047517/12		07/02/2025 14:27	1	P93567.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Instrument ID: CBNAMS18 Start Date: 07/31/2025 05:11

Analysis Batch Number: 1052909 End Date: 07/31/2025 16:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1052909/2		07/31/2025 05:11	1	P94057.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		07/31/2025 06:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		07/31/2025 06:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		07/31/2025 07:04	1		Rtxi-5Sil MS 0.25(mm)
LCS 460-1052770/2-A		07/31/2025 07:25	1	P94063.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-1052770/3-A		07/31/2025 07:47	1	P94064.D	Rtxi-5Sil MS 0.25(mm)
MB 460-1052770/1-A		07/31/2025 08:08	1	P94065.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		07/31/2025 08:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		07/31/2025 09:12	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 09:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 09:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 10:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 10:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 11:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 11:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 11:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		07/31/2025 12:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 12:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 12:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 13:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 13:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 13:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 14:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 14:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 15:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 15:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 16:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		07/31/2025 16:28	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Instrument ID: CBNAMS18 Start Date: 08/01/2025 06:02

Analysis Batch Number: 1053160 End Date: 08/01/2025 13:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1053160/2		08/01/2025 06:02	1	P94091.D	Rtxi-5Sil MS 0.25(mm)
460-331678-2	MW-10S	08/01/2025 07:48	1	P94096.D	Rtxi-5Sil MS 0.25(mm)
460-331678-3	MW-1	08/01/2025 08:09	1	P94097.D	Rtxi-5Sil MS 0.25(mm)
460-331678-4	MW-14S	08/01/2025 08:31	1	P94098.D	Rtxi-5Sil MS 0.25(mm)
460-331678-5	MW-7S	08/01/2025 08:52	1	P94099.D	Rtxi-5Sil MS 0.25(mm)
460-331678-7	MW-12D	08/01/2025 09:13	1	P94100.D	Rtxi-5Sil MS 0.25(mm)
460-331678-8	DUP-01	08/01/2025 09:34	1	P94101.D	Rtxi-5Sil MS 0.25(mm)
460-331678-9	FB-07282025	08/01/2025 09:55	1	P94102.D	Rtxi-5Sil MS 0.25(mm)
460-331678-6	MW-12S	08/01/2025 10:17	1	P94103.D	Rtxi-5Sil MS 0.25(mm)
460-331678-6 MS	MW-12S MS	08/01/2025 10:38	1	P94104.D	Rtxi-5Sil MS 0.25(mm)
460-331678-6 MSD	MW-12S MSD	08/01/2025 10:59	1	P94105.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 11:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 11:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 12:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 12:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 12:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 13:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 13:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 13:49	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1047517 Batch Start Date: 07/02/25 10:27 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	8270_3511_L1 00001	8270_3511_L2 00001	SMDFTP_CH 00037	SV_BNAL1_LVI 00007	SV_BNAL3_LVI 00009
DFTPP 460-1047517/1		8270E			1 mL			1 mL		
ICIS 460-1047517/2		8270E			1 mL					
STD24 460-1047517/3 IC		8270E			1 mL					
STD16 460-1047517/4 IC		8270E			1 mL					
STD4 460-1047517/5 IC		8270E			1 mL					
STD2 460-1047517/6 IC		8270E			1 mL					
STD1 460-1047517/7 IC		8270E			1 mL					
STD04 460-1047517/8 IC		8270E			1 mL					1 mL
STD02 460-1047517/9 IC		8270E			1 mL		1 mL			
STD01 460-1047517/10 IC		8270E			1 mL				1 mL	
STD002 460-1047517/11 IC		8270E			1 mL	1 mL				
ICV 460-1047517/12		8270E			1 mL					

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNAL4_LVI 00009	SV_BNAL5_LVI 00009	SV_BNAL6_LVI 00010	SV_BNAL7_LVI 00010	SV_BNAL8_LVI 00009	SV_BNAL9_LVI 00008
DFTPP 460-1047517/1		8270E								
ICIS 460-1047517/2		8270E						1 mL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1047517 Batch Start Date: 07/02/25 10:27 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNAL4_LVI 00009	SV_BNAL5_LVI 00009	SV_BNAL6_LVI 00010	SV_BNAL7_LVI 00010	SV_BNAL8_LVI 00009	SV_BNAL9_LVI 00008
STD24 460-1047517/3 IC		8270E								1 mL
STD16 460-1047517/4 IC		8270E							1 mL	
STD4 460-1047517/5 IC		8270E					1 mL			
STD2 460-1047517/6 IC		8270E				1 mL				
STD1 460-1047517/7 IC		8270E			1 mL					
STD04 460-1047517/8 IC		8270E								
STD02 460-1047517/9 IC		8270E								
STD01 460-1047517/10 IC		8270E								
STD002 460-1047517/11 IC		8270E								
ICV 460-1047517/12		8270E								

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_ICV_ LVI 00012					
DFTPP 460-1047517/1		8270E								
ICIS 460-1047517/2		8270E								
STD24 460-1047517/3 IC		8270E								
STD16 460-1047517/4 IC		8270E								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1047517 Batch Start Date: 07/02/25 10:27 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_ICV_ LVI 00012					
STD4 460-1047517/5 IC		8270E								
STD2 460-1047517/6 IC		8270E								
STD1 460-1047517/7 IC		8270E								
STD04 460-1047517/8 IC		8270E								
STD02 460-1047517/9 IC		8270E								
STD01 460-1047517/10 IC		8270E								
STD002 460-1047517/11 IC		8270E								
ICV 460-1047517/12		8270E			1 mL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1052770 Batch Start Date: 07/30/25 09:36 Batch Analyst: Patel, Bhartiben X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00023
MB 460-1052770/1		3510C, 8270E			250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
LCS 460-1052770/2		3510C, 8270E			250 mL	2 mL	7 SU	< 2 SU	> 12 SU	5 uL
LCSD 460-1052770/3		3510C, 8270E			250 mL	2 mL	7 SU	< 2 SU	> 12 SU	5 uL
460-331678-E-2	MW-10S	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-3	MW-1	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-4	MW-14S	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-5	MW-7S	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-7	MW-12D	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-8	DUP-01	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-9	FB-07282025	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-6	MW-12S	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-6 MS	MW-12S	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	5 uL
460-331678-E-6 MSD	MW-12S	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_BNA SPIK 00055	OP_BNASurroga 00031				
MB 460-1052770/1		3510C, 8270E				200 uL				
LCS 460-1052770/2		3510C, 8270E			200 uL	200 uL				
LCSD 460-1052770/3		3510C, 8270E			200 uL	200 uL				
460-331678-E-2	MW-10S	3510C, 8270E	Water	T		200 uL				
460-331678-E-3	MW-1	3510C, 8270E	Water	T		200 uL				
460-331678-E-4	MW-14S	3510C, 8270E	Water	T		200 uL				
460-331678-E-5	MW-7S	3510C, 8270E	Water	T		200 uL				
460-331678-E-7	MW-12D	3510C, 8270E	Water	T		200 uL				
460-331678-E-8	DUP-01	3510C, 8270E	Water	T		200 uL				
460-331678-E-9	FB-07282025	3510C, 8270E	Water	T		200 uL				
460-331678-E-6	MW-12S	3510C, 8270E	Water	T		200 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1052770 Batch Start Date: 07/30/25 09:36 Batch Analyst: Patel, Bhartiben X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_BNA SPIK 00055	OP_BNASurroga 00031				
460-331678-E-6 MS	MW-12S	3510C, 8270E	Water	T	200 uL	200 uL				
460-331678-E-6 MSD	MW-12S	3510C, 8270E	Water	T	200 uL	200 uL				

Batch Notes	
Method/Fraction	3510C_LVI / 8270E
Balance is Level? (Y/N)	yes
pH Indicator ID	VWR: HC457151
Analyst ID - Extraction	BP
Analyst ID - Spike Analyst	BP
Analyst ID - Spike Witness Analyst	SS
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	FISHER
Base Used to Adjust pH ID	VWR: 24H1456377
Prep Solvent ID	FISHER r Dichloromethane: 251820
Prep Solvent Volume Used	40ml mL
Na2SO4 ID	Fisher: 232415
Analyst ID - Concentration	BP
Equipment ID - Concentration 1	N-EVAP: 36337
Thermometer ID - Concentration 1	N-EVAP: 36337
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	Agilent Technologies: 21046158
Batch Comment	BNA WATER

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E_SIM

Semivolatile Organic Compounds (GC/MS SIM)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #
MW-10S	460-331678-2	78	70
MW-1	460-331678-3	80	72
MW-14S	460-331678-4	89	77
MW-7S	460-331678-5	84	76
MW-12S	460-331678-6	77	72
MW-12D	460-331678-7	91	82
DUP-01	460-331678-8	85	79
FB-07282025	460-331678-9	79	73
	MB 460-1052770/1-A	64	59
	LCS 460-1052770/4-A	96	85
	LCSD 460-1052770/5-A	92	85
MW-12S MS	460-331678-6 MS	95	80
MW-12S MSD	460-331678-6 MSD	79	75

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	36-150
FBP = 2-Fluorobiphenyl	33-150

Column to be used to flag recovery values

FORM II 8270E SIM

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 2C19634.D

Lab ID: LCS 460-1052770/4-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acenaphthene	2.00	0.950	47	42-150	
Acenaphthylene	2.00	0.948	47	22-150	
Anthracene	2.00	1.05	53	22-150	
Benzo[a]anthracene	2.00	0.966	48	47-150	
Benzo[a]pyrene	2.00	0.979	49	34-150	
Benzo[b]fluoranthene	2.00	0.998	50	33-150	
Benzo[g,h,i]perylene	2.00	1.02	51	19-150	
Benzo[k]fluoranthene	2.00	0.986	49	30-150	
Chrysene	2.00	0.956	48	47-150	
Dibenz(a,h)anthracene	2.00	1.11	55	12-150	
Fluoranthene	2.00	1.04	52	36-150	
Fluorene	2.00	1.03	52	24-150	
Indeno[1,2,3-cd]pyrene	2.00	1.13	57	14-134	
Naphthalene	2.00	1.03	51	41-147	
Phenanthrene	2.00	1.04	52	13-150	
Pyrene	2.00	0.977	49	46-150	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 2C19638.D

Lab ID: LCSD 460-1052770/5-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	2.00	0.946	47	0	30	42-150	
Acenaphthylene	2.00	0.973	49	3	30	22-150	
Anthracene	2.00	1.07	53	2	30	22-150	
Benzo[a]anthracene	2.00	0.999	50	3	30	47-150	
Benzo[a]pyrene	2.00	0.987	49	1	30	34-150	
Benzo[b]fluoranthene	2.00	0.969	48	3	30	33-150	
Benzo[g,h,i]perylene	2.00	1.01	50	1	30	19-150	
Benzo[k]fluoranthene	2.00	0.957	48	3	30	30-150	
Chrysene	2.00	0.927	46	3	30	47-150	*
Dibenz(a,h)anthracene	2.00	1.16	58	4	30	12-150	
Fluoranthene	2.00	1.14	57	9	30	36-150	
Fluorene	2.00	1.06	53	2	30	24-150	
Indeno[1,2,3-cd]pyrene	2.00	1.19	60	5	30	14-134	
Naphthalene	2.00	0.999	50	3	30	41-147	
Phenanthrene	2.00	1.02	51	2	30	13-150	
Pyrene	2.00	0.935	47	4	30	46-150	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 2C19657.D

Lab ID: 460-331678-6 MS Client ID: MW-12S MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Acenaphthene	80.0	0.096	39.0	49	42-150	
Acenaphthylene	80.0	0.050 U	41.1	51	22-150	
Anthracene	80.0	0.050 U	47.3	59	22-150	
Benzo[a]anthracene	80.0	0.050 U	47.4	59	47-150	
Benzo[a]pyrene	80.0	0.050 U	51.4	64	34-150	
Benzo[b]fluoranthene	80.0	0.050 U	46.7	58	33-150	
Benzo[g,h,i]perylene	80.0	0.050 U	50.4	63	19-150	
Benzo[k]fluoranthene	80.0	0.050 U	46.9	59	30-150	
Chrysene	80.0	0.050 U	43.3	54	47-150	
Dibenz(a,h)anthracene	80.0	0.050 U	59.8	75	12-150	
Fluoranthene	80.0	0.050 U	42.1	53	36-150	
Fluorene	80.0	0.050 U	38.6	48	24-150	
Indeno[1,2,3-cd]pyrene	80.0	0.050 U	63.3	79	14-134	
Naphthalene	80.0	0.20 U	41.3	52	41-147	
Phenanthrene	80.0	0.050 U	41.2	51	13-150	
Pyrene	80.0	0.050 U	40.5	51	46-150	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 2C19658.D

Lab ID: 460-331678-6 MSD Client ID: MW-12S MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	80.0	40.4	50	4	30	42-150	
Acenaphthylene	80.0	42.8	53	4	30	22-150	
Anthracene	80.0	44.3	55	7	30	22-150	
Benzo[a]anthracene	80.0	43.8	55	8	30	47-150	
Benzo[a]pyrene	80.0	46.3	58	10	30	34-150	
Benzo[b]fluoranthene	80.0	42.0	52	11	30	33-150	
Benzo[g,h,i]perylene	80.0	45.3	57	11	30	19-150	
Benzo[k]fluoranthene	80.0	42.0	53	11	30	30-150	
Chrysene	80.0	39.4	49	9	30	47-150	
Dibenz(a,h)anthracene	80.0	53.7	67	11	30	12-150	
Fluoranthene	80.0	38.9	49	8	30	36-150	
Fluorene	80.0	39.6	50	3	30	24-150	
Indeno[1,2,3-cd]pyrene	80.0	56.4	70	12	30	14-134	
Naphthalene	80.0	38.6	48	7	30	41-147	
Phenanthrene	80.0	38.5	48	7	30	13-150	
Pyrene	80.0	37.3	47	8	30	46-150	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab File ID: 2C19639.D Lab Sample ID: MB 460-1052770/1-A

Matrix: Water Date Extracted: 07/30/2025 09:36

Instrument ID: CBNAMS2 Date Analyzed: 08/01/2025 11:28

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1052770/4-A	2C19634.D	08/01/2025 09:43
	LCSD 460-1052770/5-A	2C19638.D	08/01/2025 11:07
MW-10S	460-331678-2	2C19649.D	08/01/2025 14:59
MW-1	460-331678-3	2C19650.D	08/01/2025 15:21
MW-14S	460-331678-4	2C19651.D	08/01/2025 15:42
MW-7S	460-331678-5	2C19652.D	08/01/2025 16:03
MW-12D	460-331678-7	2C19653.D	08/01/2025 16:24
DUP-01	460-331678-8	2C19654.D	08/01/2025 16:45
FB-07282025	460-331678-9	2C19655.D	08/01/2025 17:06
MW-12S	460-331678-6	2C19656.D	08/01/2025 17:27
MW-12S MS	460-331678-6 MS	2C19657.D	08/01/2025 17:48
MW-12S MSD	460-331678-6 MSD	2C19658.D	08/01/2025 18:10

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab File ID: 2C18401.D DFTPP Injection Date: 06/05/2025

Instrument ID: CBNAMS2 DFTPP Injection Time: 08:08

Analysis Batch No.: 1041632

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.6	(1.5) 1
69	Present	36.8	
70	Less than 2% of m/z 69	0.2	(0.4) 1
197	Less than 2% of m/z 198	0.0	
198	Base Peak	100.0	
199	5-9% of m/z 198	6.5	
365	Greater than 1% of Base Peak	4.0	
441	Less than 150% of m/z 443	26.5	(79.6) 3
442	Present	170.5	
443	15-24% of m/z 442	33.3	(19.5) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-1041632/2	2C18402.D	06/05/2025	8:38
	STD9 460-1041632/3	2C18403.D	06/05/2025	8:59
	STD8 460-1041632/4	2C18404.D	06/05/2025	9:20
	STD7 460-1041632/5	2C18405.D	06/05/2025	9:41
	STD6 460-1041632/6	2C18406.D	06/05/2025	10:02
	STD4 460-1041632/7	2C18407.D	06/05/2025	10:23
	STD3 460-1041632/8	2C18408.D	06/05/2025	10:45
	STD2 460-1041632/9	2C18409.D	06/05/2025	11:06
	STD1 460-1041632/10	2C18410.D	06/05/2025	11:27
	ICV 460-1041632/11	2C18411.D	06/05/2025	11:48

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: ICIS 460-1041632/2 Date Analyzed: 06/05/2025 08:38

Instrument ID: CBNAMS2 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): 2C18402.D Heated Purge: (Y/N) N

Calibration ID: 101224

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		120626	4.33	245929	5.53	124144	7.19
UPPER LIMIT				491858	6.03	248288	7.69
LOWER LIMIT				122965	5.03	62072	6.69
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1041632/11		104350	4.33	209028	5.53	106622	7.19

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: ICIS 460-1041632/2 Date Analyzed: 06/05/2025 08:38

Instrument ID: CBNAMS2 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): 2C18402.D Heated Purge: (Y/N) N

Calibration ID: 101224

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		221663	8.59	132440	11.20	115318	13.06
UPPER LIMIT		443326	9.09	264880	11.70	230636	13.56
LOWER LIMIT		110832	8.09	66220	10.70	57659	12.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1041632/11		191784	8.59	112750	11.20	97798	13.06

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: CCVIS 460-1053189/2 Date Analyzed: 08/01/2025 07:36

Instrument ID: CBNAMS2 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): 2C19628.D Heated Purge: (Y/N) N

Calibration ID: 101224

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		89285	4.15	180709	5.36	86666	7.01
UPPER LIMIT		178570	4.65	361418	5.86	173332	7.51
LOWER LIMIT		44643	3.65	90355	4.86	43333	6.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1052770/4-A		79634	4.15	146738	5.36	74526	7.01
LCSD 460-1052770/5-A		62906	4.15	120142	5.36	62809	7.01
MB 460-1052770/1-A		73530	4.15	145635	5.36	72779	7.01
460-331678-2	MW-10S	70003	4.15	134962	5.36	64637	7.01
460-331678-3	MW-1	74311	4.15	143818	5.36	68942	7.01
460-331678-4	MW-14S	63237	4.15	122358	5.36	59225	7.01
460-331678-5	MW-7S	78416	4.15	152797	5.36	73375	7.01
460-331678-7	MW-12D	68069	4.15	132364	5.36	64598	7.01
460-331678-8	DUP-01	69777	4.15	134594	5.36	65123	7.01
460-331678-9	FB-07282025	71536	4.15	136810	5.36	67464	7.01
460-331678-6	MW-12S	66015	4.15	128616	5.36	63095	7.01
460-331678-6 MS	MW-12S MS	161509	4.17	114756	5.36	61510	7.02
460-331678-6 MSD	MW-12S MSD	172334	4.16	122640	5.36	58481	7.02

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Sample No.: CCVIS 460-1053189/2 Date Analyzed: 08/01/2025 07:36

Instrument ID: CBNAMS2 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): 2C19628.D Heated Purge: (Y/N) N

Calibration ID: 101224

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		143205	8.41	80765	10.98	79494	12.76
UPPER LIMIT		286410	8.91	161530	11.48	158988	13.26
LOWER LIMIT		71603	7.91	40383	10.48	39747	12.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1052770/4-A		129611	8.41	77854	10.98	78191	12.76
LCSD 460-1052770/5-A		116227	8.41	77336	10.98	82254	12.76
MB 460-1052770/1-A		127018	8.41	74882	10.98	77493	12.76
460-331678-2	MW-10S	106813	8.41	60086	10.98	60901	12.76
460-331678-3	MW-1	118220	8.41	65769	10.98	67514	12.76
460-331678-4	MW-14S	100679	8.41	56766	10.98	56314	12.76
460-331678-5	MW-7S	121822	8.41	70218	10.98	70947	12.76
460-331678-7	MW-12D	110501	8.41	62637	10.98	61456	12.76
460-331678-8	DUP-01	114158	8.41	66301	10.98	64807	12.76
460-331678-9	FB-07282025	116797	8.41	64737	10.98	62733	12.76
460-331678-6	MW-12S	106605	8.41	62685	10.98	54772	12.76
460-331678-6 MS	MW-12S MS	93100	8.42	58369	10.98	64227	12.76
460-331678-6 MSD	MW-12S MSD	97462	8.42	60289	10.98	67004	12.76

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-10S | Lab Sample ID: 460-331678-2

Matrix: Water | Lab File ID: 2C19649.D

Analysis Method: 8270E SIM | Date Collected: 07/28/2025 09:15

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 14:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.050	U	0.050	0.014
208-96-8	Acenaphthylene	0.050	U	0.050	0.015
120-12-7	Anthracene	0.050	U	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U *	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.050	U	0.050	0.039
86-73-7	Fluorene	0.050	U	0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.050	U	0.050	0.022
129-00-0	Pyrene	0.050	U	0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	70		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	78		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19649.D
Lims ID: 460-331678-E-2-A
Client ID: MW-10S
Sample Type: Client
Inject. Date: 01-Aug-2025 14:59:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-023
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 09:27:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	150	4.148	4.153	-0.005	100	70003	0.2000	
$ 6 Nitrobenzene-d5	82	4.678	4.673	0.005	97	1765776	7.81	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	100	134962	0.2000	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	3639024	6.98	
* 11 Acenaphthene-d10	164	7.013	7.013	0.000	96	64637	0.2000	
* 17 Phenanthrene-d10	188	8.412	8.412	0.000	100	106813	0.2000	
* 25 Chrysene-d12	240	10.984	10.984	0.000	100	60086	0.2000	
* 30 Perylene-d12	264	12.764	12.763	0.001	100	60901	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

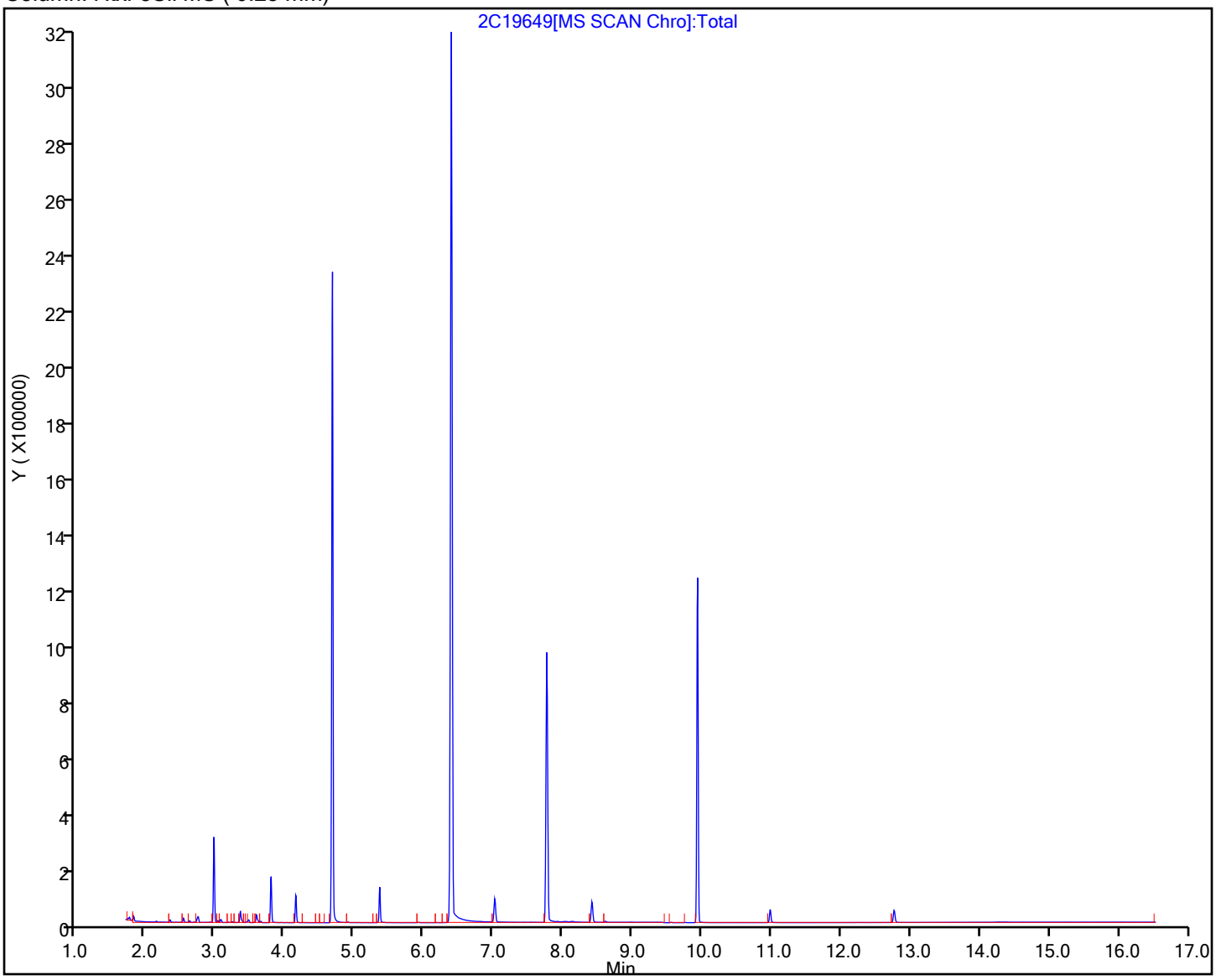
Report Date: 04-Aug-2025 09:27:37 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19649.D

Injection Date:	01-Aug-2025 14:59:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-2-A	Lab Sample ID:	460-331678-2		
Client ID:	MW-10S				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19649.D
Lims ID: 460-331678-E-2-A
Client ID: MW-10S
Sample Type: Client
Inject. Date: 01-Aug-2025 14:59:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-023
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 09:27:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	7.81	78.06
$ 9 2-Fluorobiphenyl	10.0	6.98	69.82

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-1 | Lab Sample ID: 460-331678-3

Matrix: Water | Lab File ID: 2C19650.D

Analysis Method: 8270E SIM | Date Collected: 07/28/2025 09:55

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 15:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.050	U	0.050	0.014
208-96-8	Acenaphthylene	0.050	U	0.050	0.015
120-12-7	Anthracene	0.050	U	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U *	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.050	U	0.050	0.039
86-73-7	Fluorene	0.050	U	0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.050	U	0.050	0.022
129-00-0	Pyrene	0.050	U	0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	72		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	80		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19650.D
Lims ID: 460-331678-E-3-A
Client ID: MW-1
Sample Type: Client
Inject. Date: 01-Aug-2025 15:21:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-024
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 09:28:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	150	4.148	4.153	-0.005	100	74311	0.2000	
$ 6 Nitrobenzene-d5	82	4.678	4.673	0.005	97	1938356	8.04	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	100	143818	0.2000	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	3993789	7.18	
* 11 Acenaphthene-d10	164	7.013	7.013	0.000	96	68942	0.2000	
* 17 Phenanthrene-d10	188	8.412	8.412	0.000	100	118220	0.2000	
* 25 Chrysene-d12	240	10.977	10.984	-0.007	100	65769	0.2000	
* 30 Perylene-d12	264	12.763	12.763	0.000	100	67514	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

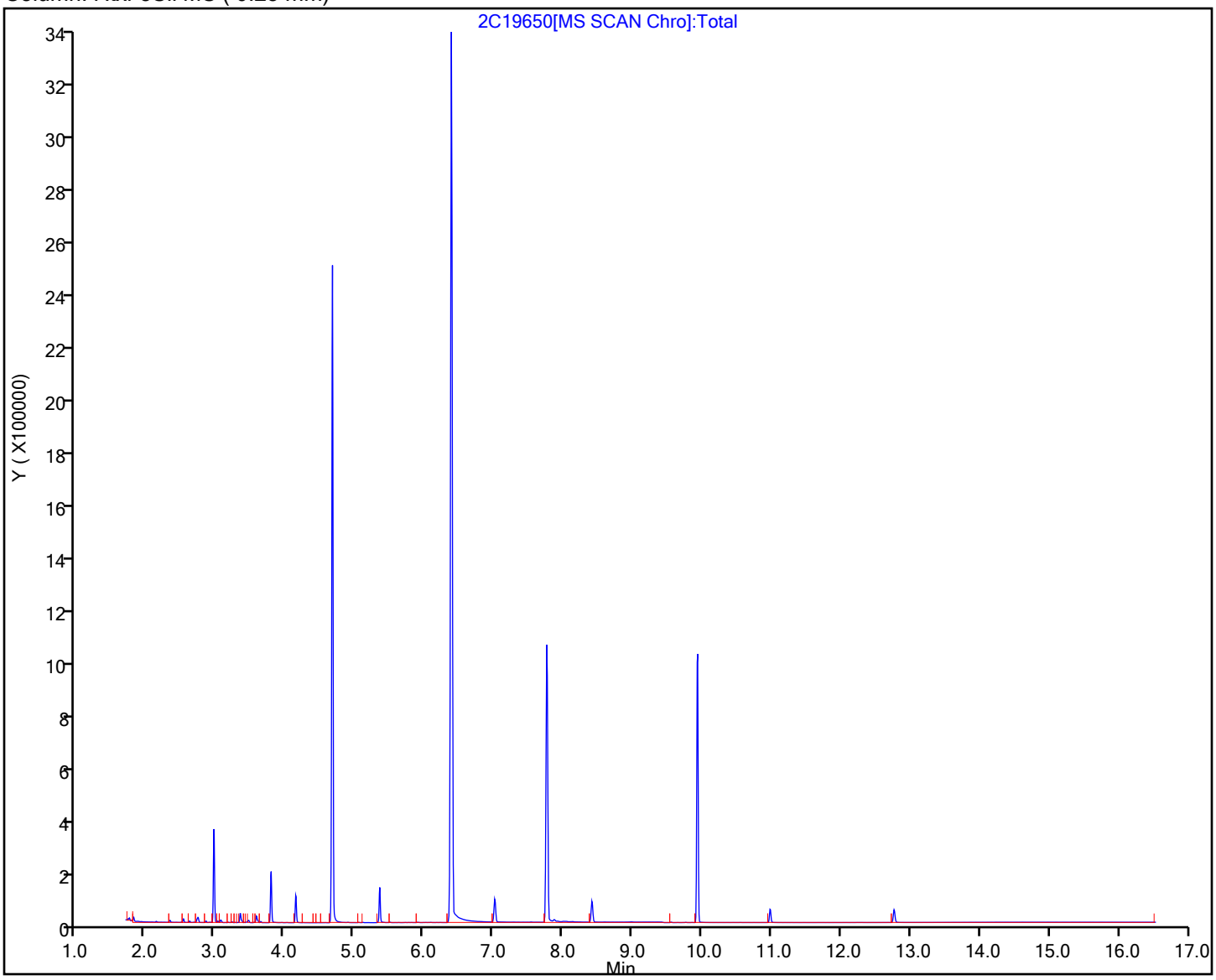
Report Date: 04-Aug-2025 09:28:09 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19650.D

Injection Date:	01-Aug-2025 15:21:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-3-A	Lab Sample ID:	460-331678-3		
Client ID:	MW-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19650.D
Lims ID: 460-331678-E-3-A
Client ID: MW-1
Sample Type: Client
Inject. Date: 01-Aug-2025 15:21:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-024
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 09:28:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	8.04	80.41
$ 9 2-Fluorobiphenyl	10.0	7.18	71.84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-14S | Lab Sample ID: 460-331678-4

Matrix: Water | Lab File ID: 2C19651.D

Analysis Method: 8270E SIM | Date Collected: 07/28/2025 10:55

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 15:42

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.16		0.050	0.014
208-96-8	Acenaphthylene	0.050	U	0.050	0.015
120-12-7	Anthracene	0.050	U	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U *	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.050	U	0.050	0.039
86-73-7	Fluorene	0.034	J	0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.16	J	0.20	0.12
85-01-8	Phenanthrene	0.050	U	0.050	0.022
129-00-0	Pyrene	0.050	U	0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	77		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	89		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19651.D
Lims ID: 460-331678-E-4-A
Client ID: MW-14S
Sample Type: Client
Inject. Date: 01-Aug-2025 15:42:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-025
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:35:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	150	4.148	4.153	-0.005	100	63237	0.2000	
$ 6 Nitrobenzene-d5	82	4.678	4.673	0.005	97	1828239	8.91	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	100	122358	0.2000	
8 Naphthalene	128	5.379	5.379	0.000	100	12695	0.0196	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	3690192	7.73	
* 11 Acenaphthene-d10	164	7.013	7.013	0.000	96	59225	0.2000	
12 Acenaphthene	154	7.049	7.049	0.000	95	6353	0.0195	
13 Fluorene	166	7.536	7.536	0.000	99	1666	0.004290	
* 17 Phenanthrene-d10	188	8.412	8.412	0.000	100	100679	0.2000	
* 25 Chrysene-d12	240	10.984	10.984	0.000	100	56766	0.2000	
* 30 Perylene-d12	264	12.763	12.763	0.000	100	56314	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

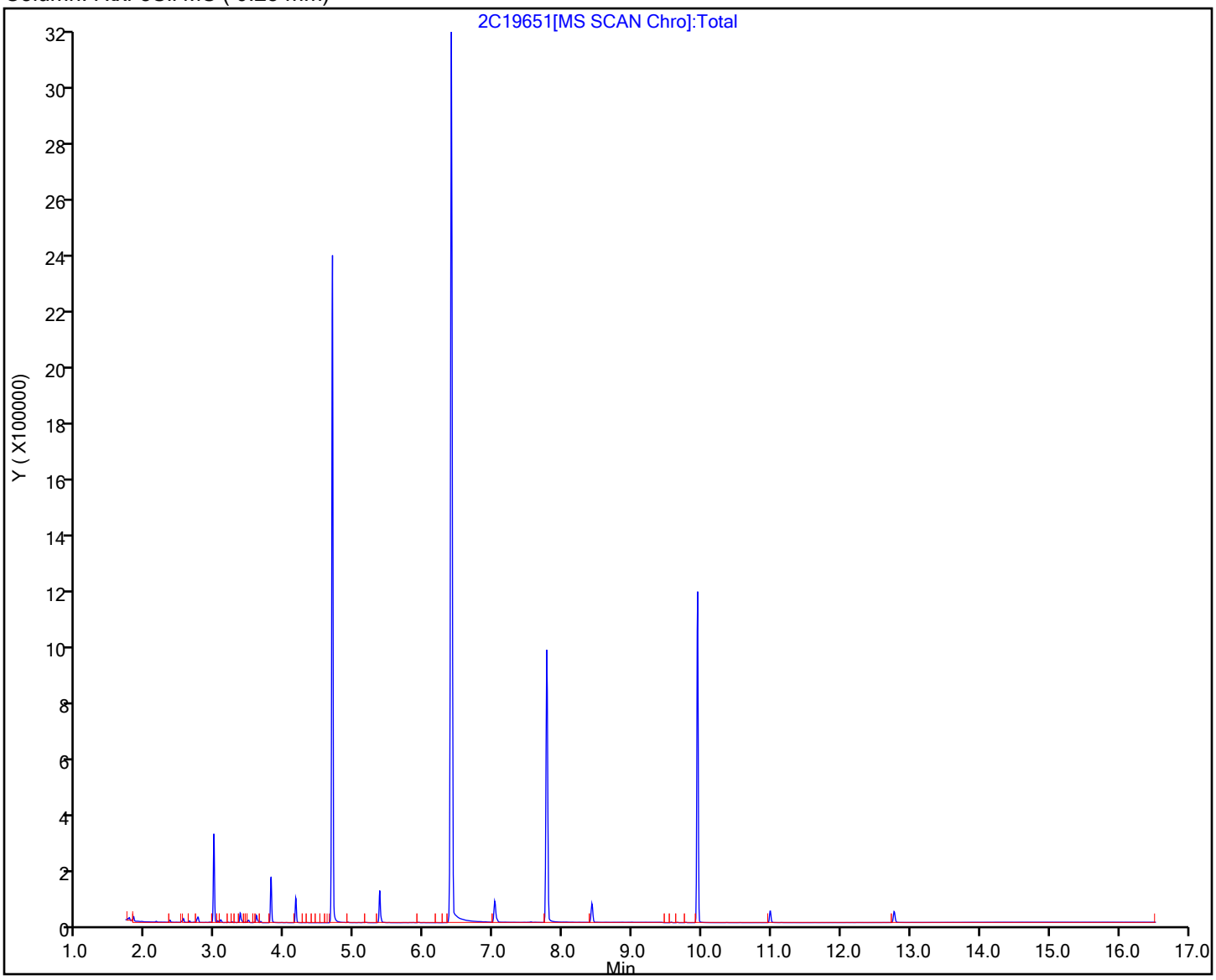
Report Date: 04-Aug-2025 09:28:48 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19651.D

Injection Date:	01-Aug-2025 15:42:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-4-A	Lab Sample ID:	460-331678-4		
Client ID:	MW-14S				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19651.D
Lims ID: 460-331678-E-4-A
Client ID: MW-14S
Sample Type: Client
Inject. Date: 01-Aug-2025 15:42:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-025
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:35:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	8.91	89.14
$ 9 2-Fluorobiphenyl	10.0	7.73	77.27

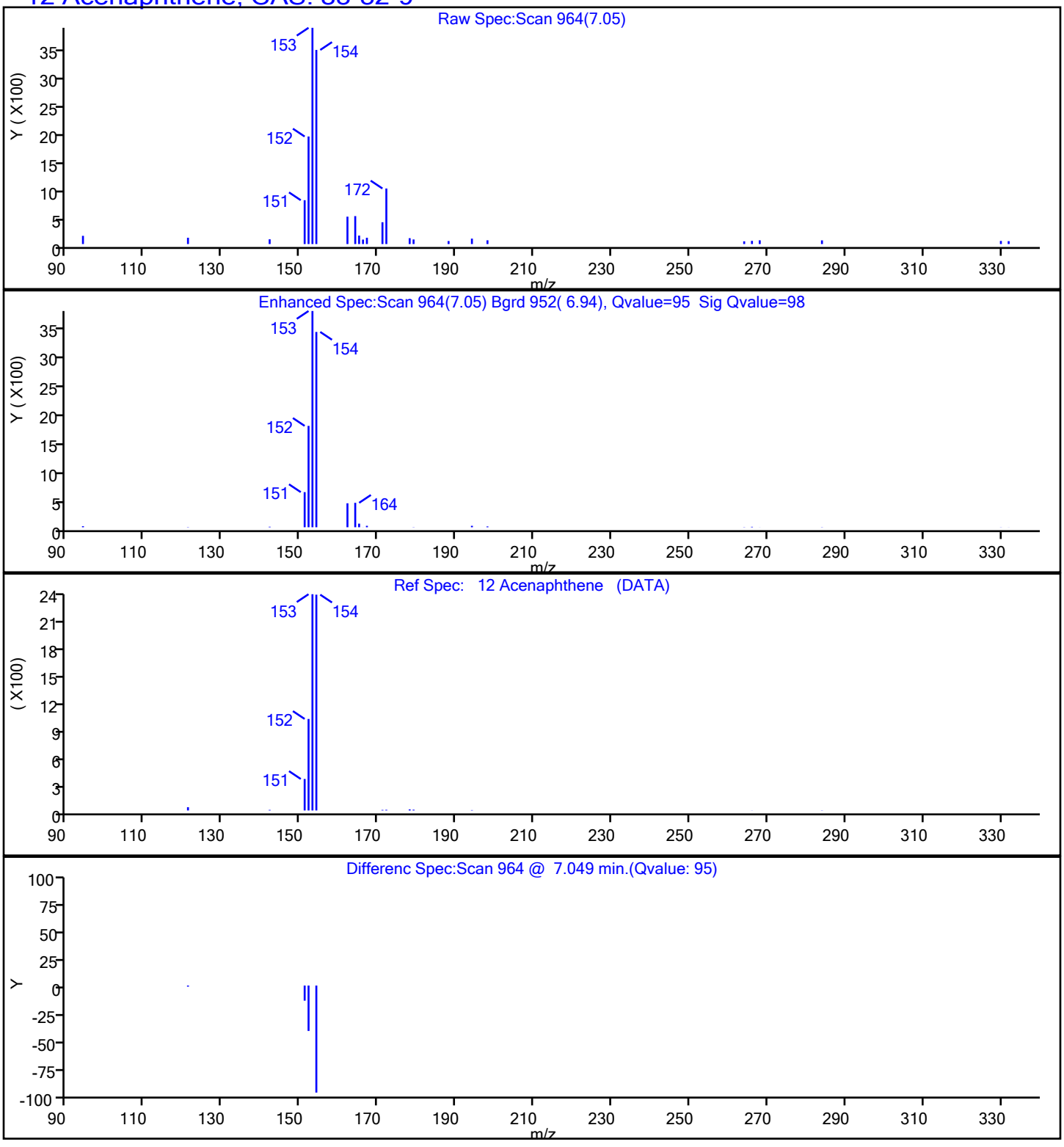
Report Date: 04-Aug-2025 09:28:48 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19651.D

Injection Date:	01-Aug-2025 15:42:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-4-A	Lab Sample ID:	460-331678-4		
Client ID:	MW-14S				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

12 Acenaphthene, CAS: 83-32-9



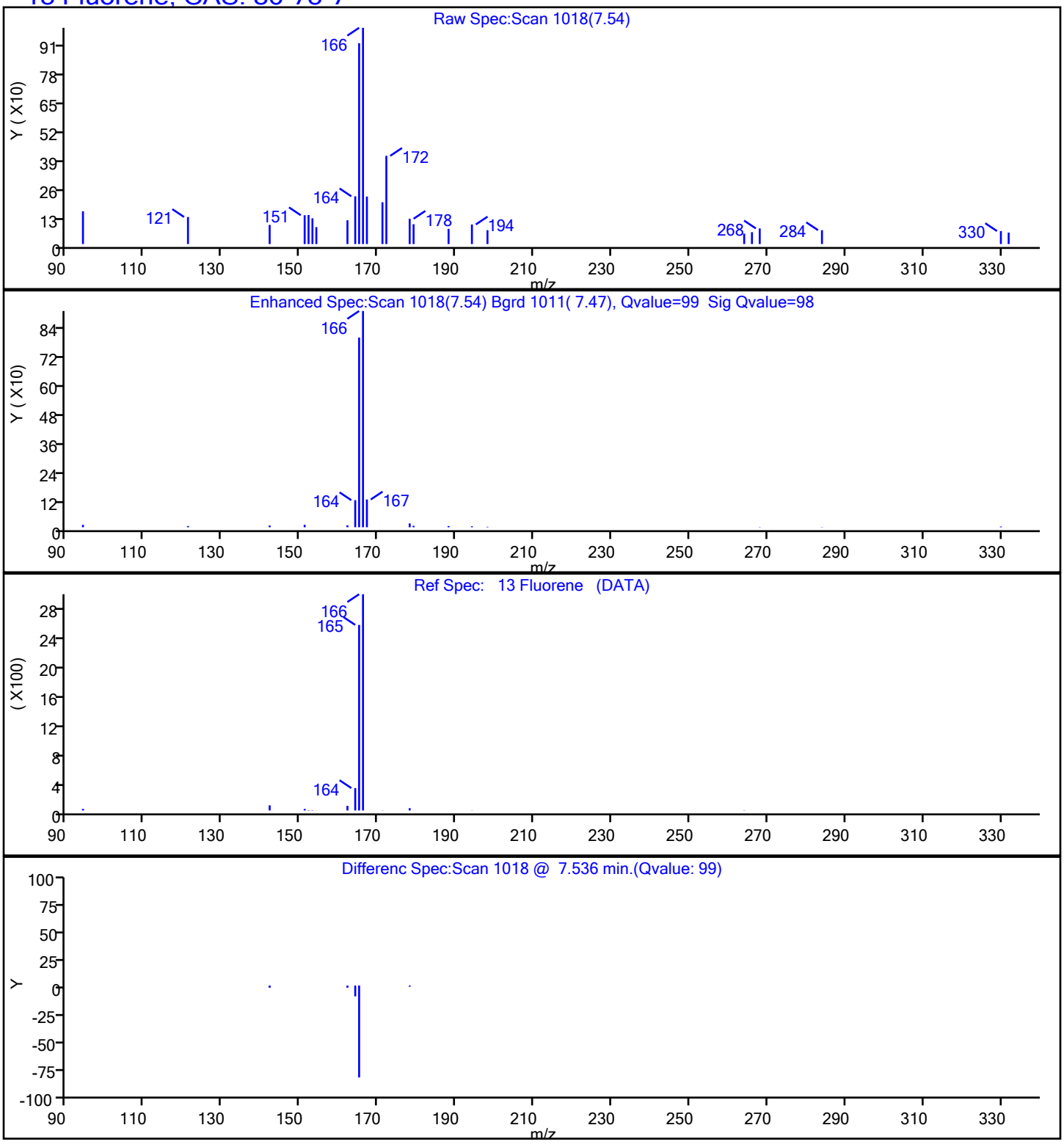
Report Date: 04-Aug-2025 09:28:48 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19651.D

Injection Date:	01-Aug-2025 15:42:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-4-A	Lab Sample ID:	460-331678-4		
Client ID:	MW-14S				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7



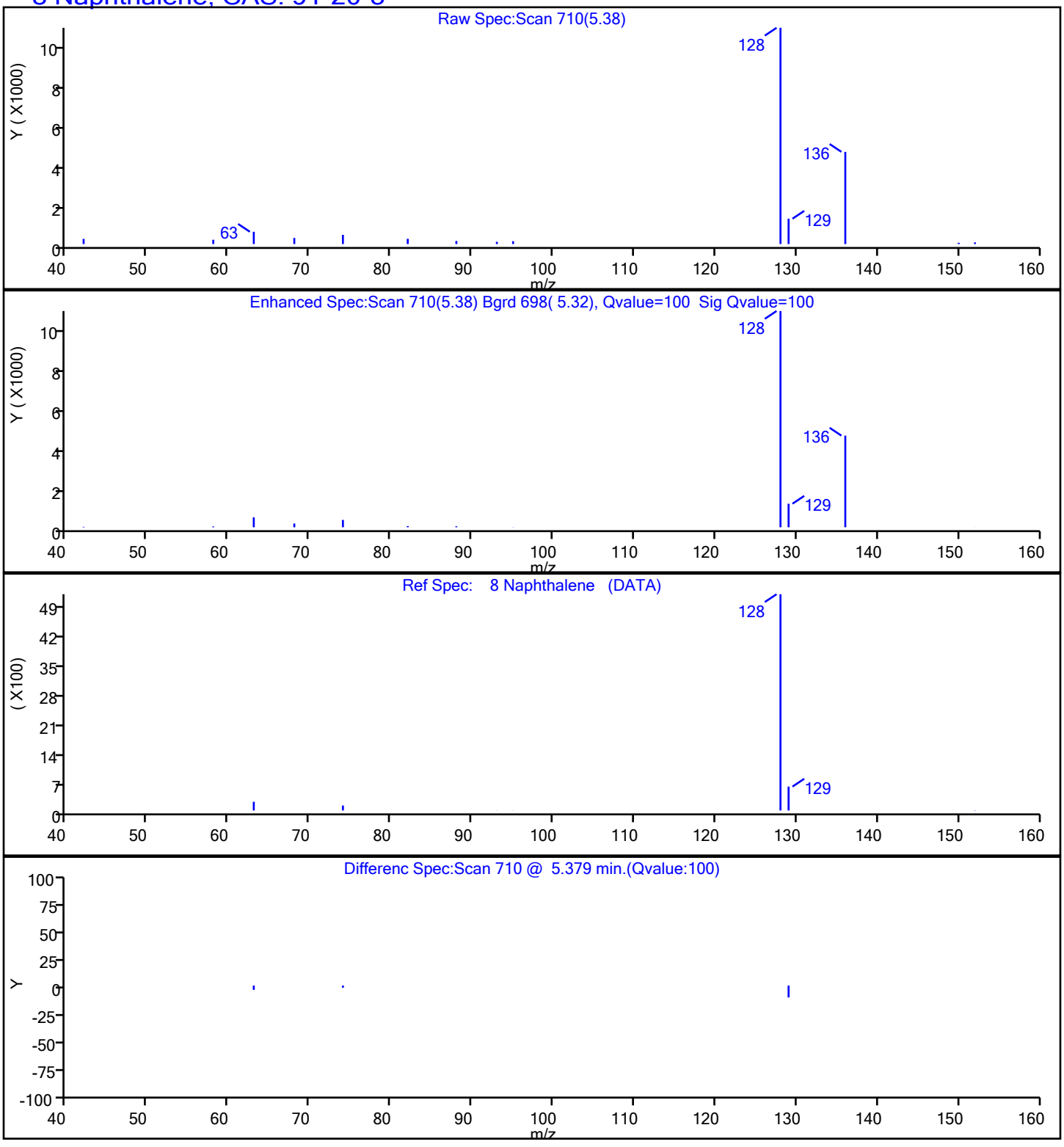
Report Date: 04-Aug-2025 09:28:48 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19651.D

Injection Date:	01-Aug-2025 15:42:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-4-A	Lab Sample ID:	460-331678-4		
Client ID:	MW-14S				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

8 Naphthalene, CAS: 91-20-3



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-7S | Lab Sample ID: 460-331678-5

Matrix: Water | Lab File ID: 2C19652.D

Analysis Method: 8270E SIM | Date Collected: 07/28/2025 11:50

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 16:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.10		0.050	0.014
208-96-8	Acenaphthylene	0.050	U	0.050	0.015
120-12-7	Anthracene	0.050	U	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U *	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.050	U	0.050	0.039
86-73-7	Fluorene	0.022	J	0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.050	U	0.050	0.022
129-00-0	Pyrene	0.050	U	0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	76		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	84		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19652.D
Lims ID: 460-331678-E-5-A
Client ID: MW-7S
Sample Type: Client
Inject. Date: 01-Aug-2025 16:03:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-026
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:35:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	150	4.148	4.153	-0.005	99	78416	0.2000	
$ 6 Nitrobenzene-d5	82	4.678	4.673	0.005	97	2153941	8.41	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	100	152797	0.2000	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	4471691	7.56	
* 11 Acenaphthene-d10	164	7.013	7.013	0.000	95	73375	0.2000	
12 Acenaphthene	154	7.049	7.049	0.000	96	5260	0.0130	
13 Fluorene	166	7.536	7.536	0.000	93	1344	0.002794	
* 17 Phenanthrene-d10	188	8.412	8.412	0.000	100	121822	0.2000	
* 25 Chrysene-d12	240	10.977	10.984	-0.007	100	70218	0.2000	
* 30 Perylene-d12	264	12.763	12.763	0.000	100	70947	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

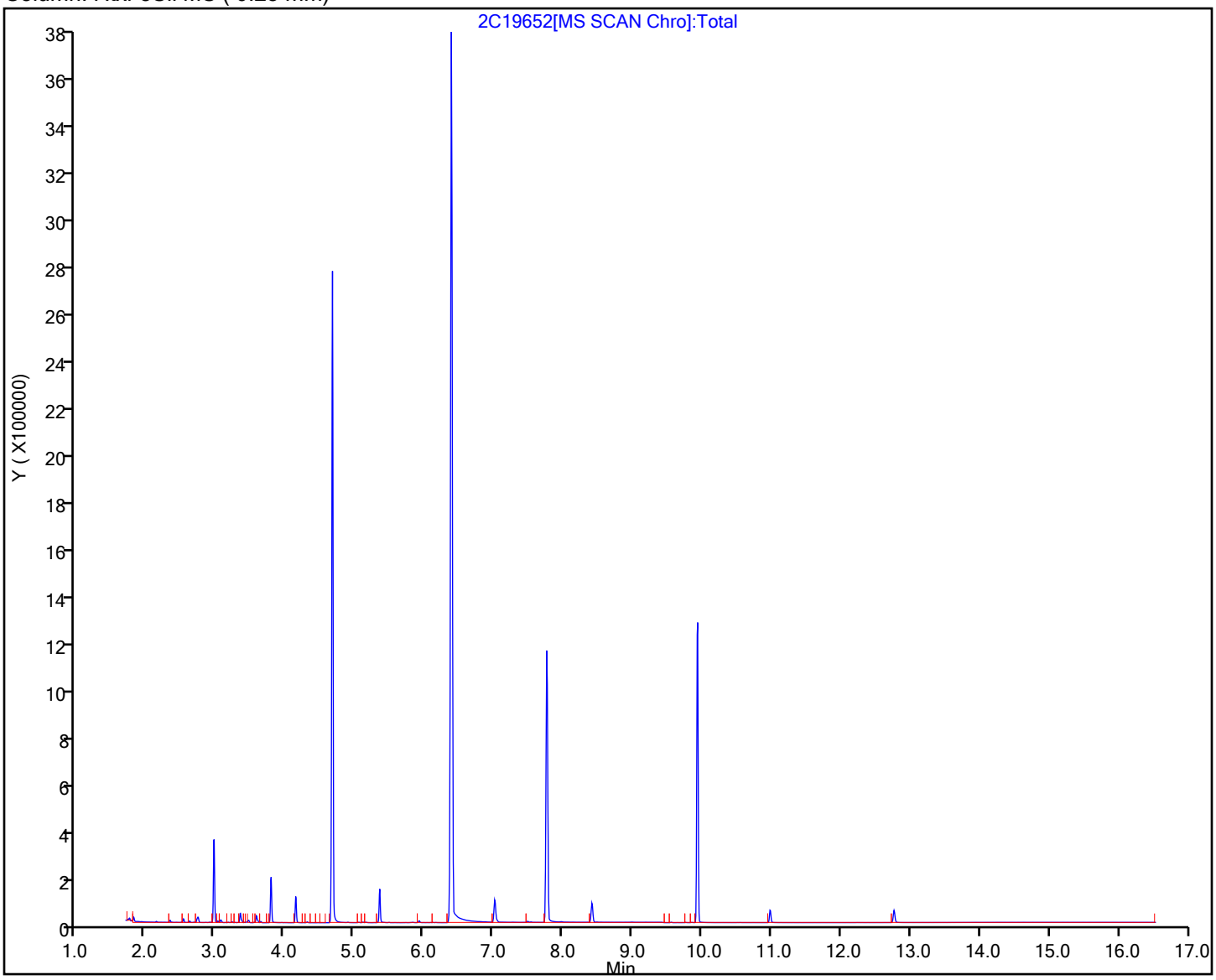
Report Date: 04-Aug-2025 09:29:12 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19652.D

Injection Date:	01-Aug-2025 16:03:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-5-A	Lab Sample ID:	460-331678-5		
Client ID:	MW-7S				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19652.D
Lims ID: 460-331678-E-5-A
Client ID: MW-7S
Sample Type: Client
Inject. Date: 01-Aug-2025 16:03:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-026
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:35:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	8.41	84.10
$ 9 2-Fluorobiphenyl	10.0	7.56	75.58

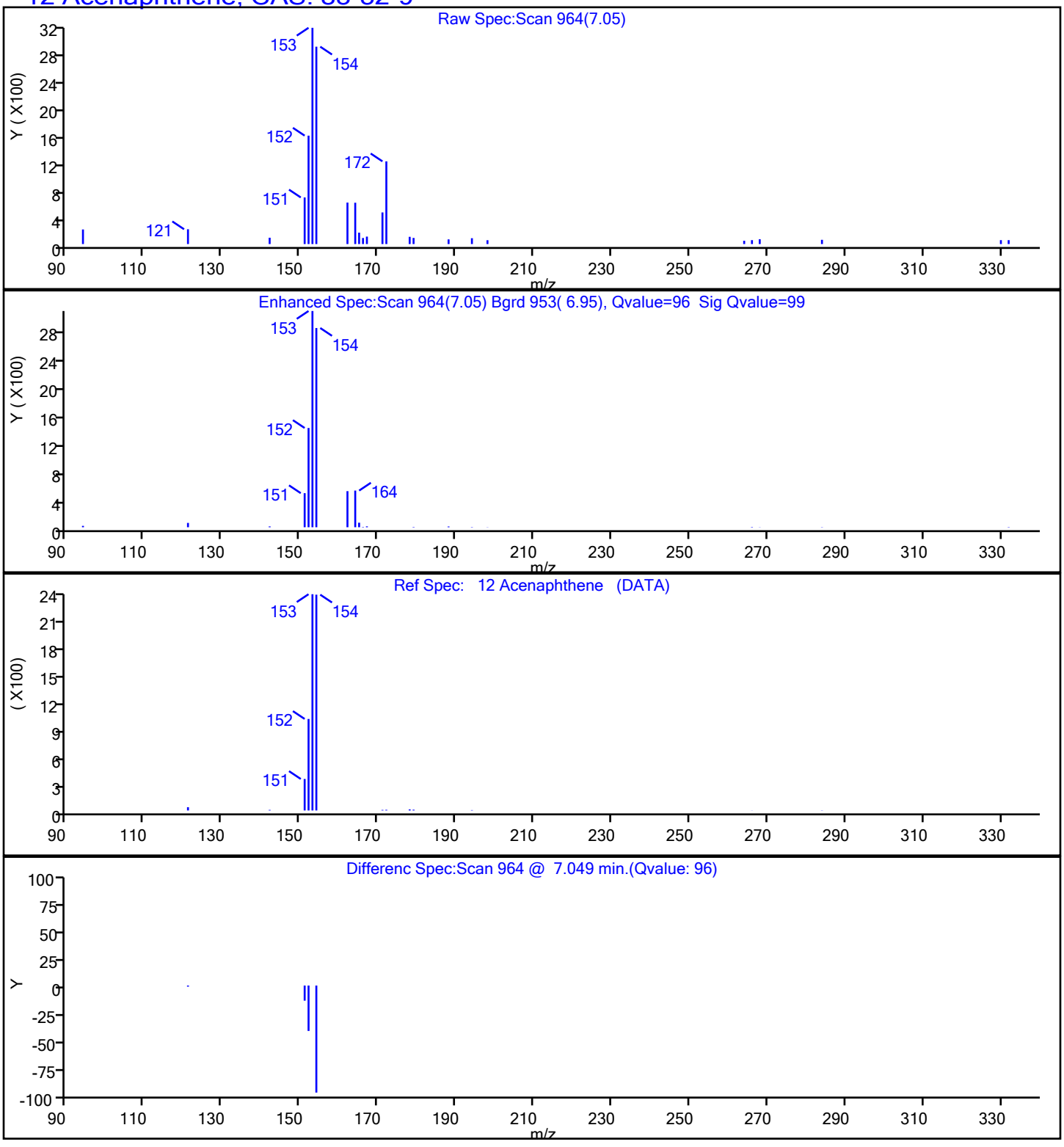
Report Date: 04-Aug-2025 09:29:12 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19652.D

Injection Date:	01-Aug-2025 16:03:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-5-A	Lab Sample ID:	460-331678-5		
Client ID:	MW-7S				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

12 Acenaphthene, CAS: 83-32-9



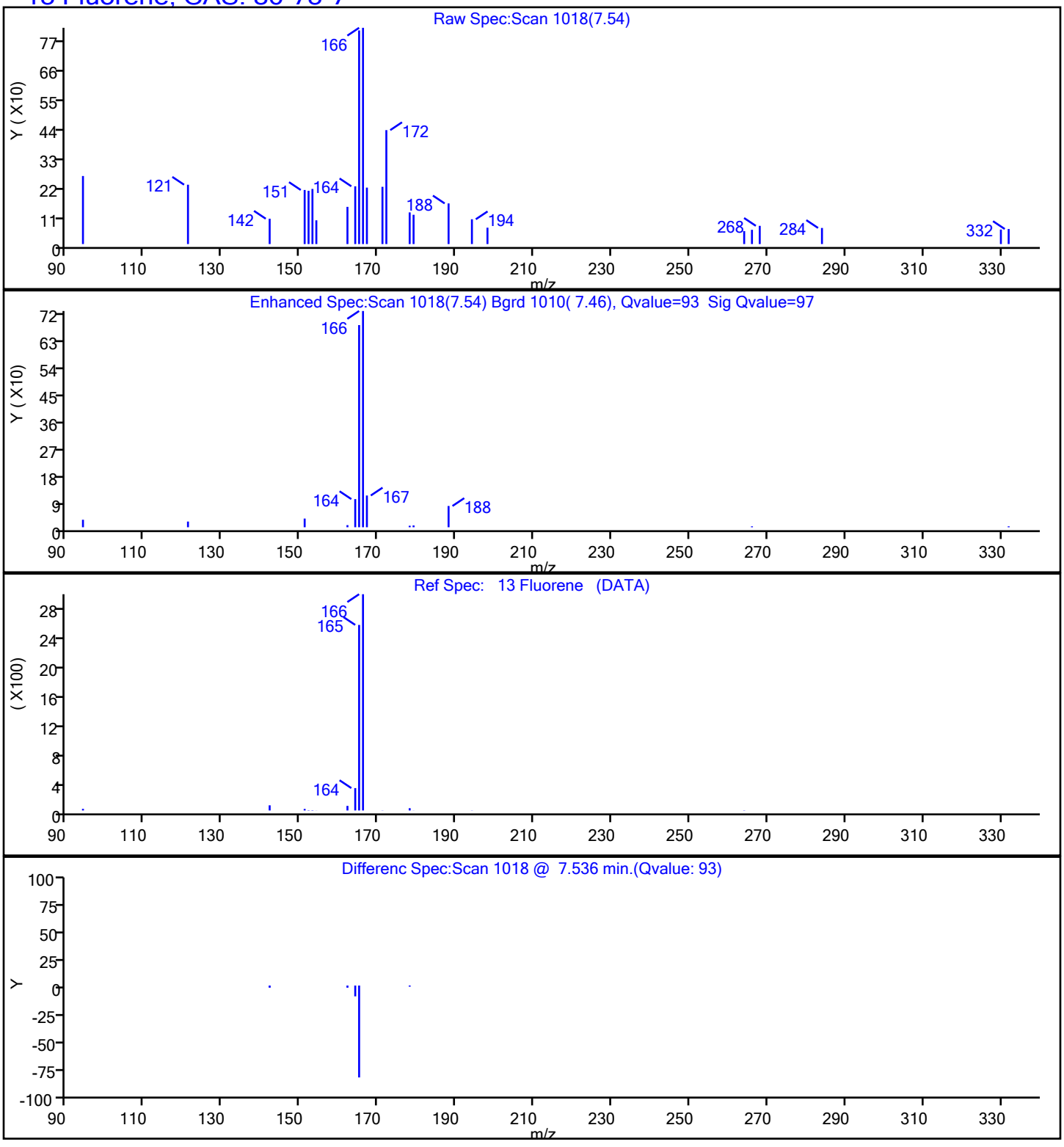
Report Date: 04-Aug-2025 09:29:12 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19652.D

Injection Date:	01-Aug-2025 16:03:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-5-A	Lab Sample ID:	460-331678-5		
Client ID:	MW-7S				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-12S | Lab Sample ID: 460-331678-6

Matrix: Water | Lab File ID: 2C19656.D

Analysis Method: 8270E SIM | Date Collected: 07/28/2025 12:45

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 17:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.096		0.050	0.014
208-96-8	Acenaphthylene	0.050	U	0.050	0.015
120-12-7	Anthracene	0.050	U	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U *	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.050	U	0.050	0.039
86-73-7	Fluorene	0.050	U	0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.050	U	0.050	0.022
129-00-0	Pyrene	0.050	U	0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	72		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	77		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19656.D
Lims ID: 460-331678-E-6-A
Client ID: MW-12S
Sample Type: Client
Inject. Date: 01-Aug-2025 17:27:30 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-030
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:35:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	150	4.148	4.153	-0.005	99	66015	0.2000	
$ 6 Nitrobenzene-d5	82	4.678	4.673	0.005	97	1658386	7.69	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	100	128616	0.2000	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	3676155	7.23	
* 11 Acenaphthene-d10	164	7.013	7.013	0.000	96	63095	0.2000	
12 Acenaphthene	154	7.049	7.049	0.000	94	4151	0.0119	
$ 20 2,4,6-Tribromophenol	330	7.762	7.762	0.000	93	836983	8.19	
* 17 Phenanthrene-d10	188	8.412	8.412	0.000	100	106605	0.2000	
$ 23 Terphenyl-d14	244	9.936	9.936	0.000	95	1648546	4.16	
* 25 Chrysene-d12	240	10.977	10.984	-0.007	100	62685	0.2000	
* 30 Perylene-d12	264	12.763	12.763	0.000	100	54772	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

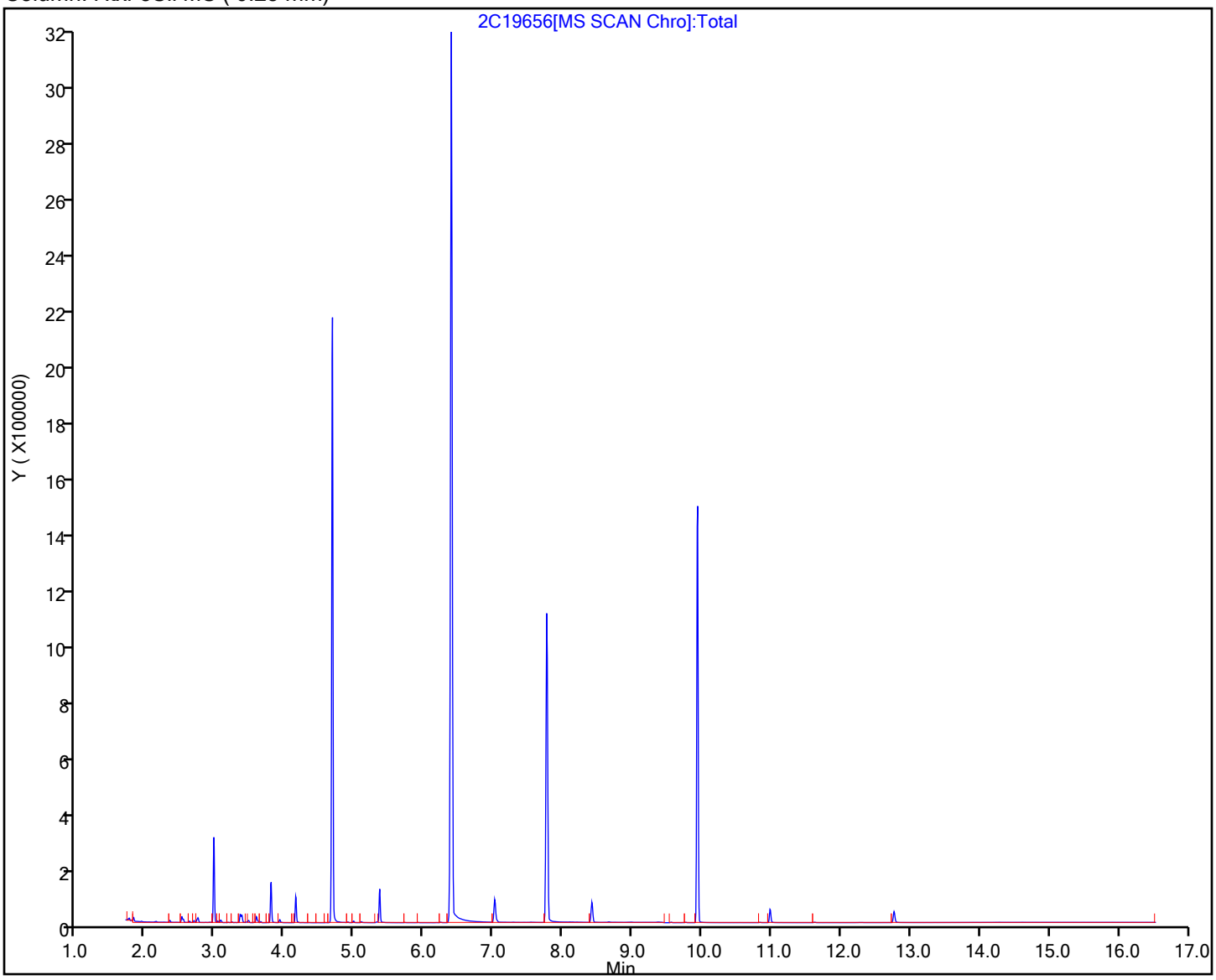
Report Date: 04-Aug-2025 09:31:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19656.D

Injection Date:	01-Aug-2025 17:27:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-6-A	Lab Sample ID:	460-331678-6		
Client ID:	MW-12S				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19656.D
Lims ID: 460-331678-E-6-A
Client ID: MW-12S
Sample Type: Client
Inject. Date: 01-Aug-2025 17:27:30 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-030
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:35:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	7.69	76.93
$ 9 2-Fluorobiphenyl	10.0	7.23	72.25
$ 20 2,4,6-Tribromophenol	10.0	8.19	81.92
$ 23 Terphenyl-d14	10.0	4.16	41.58

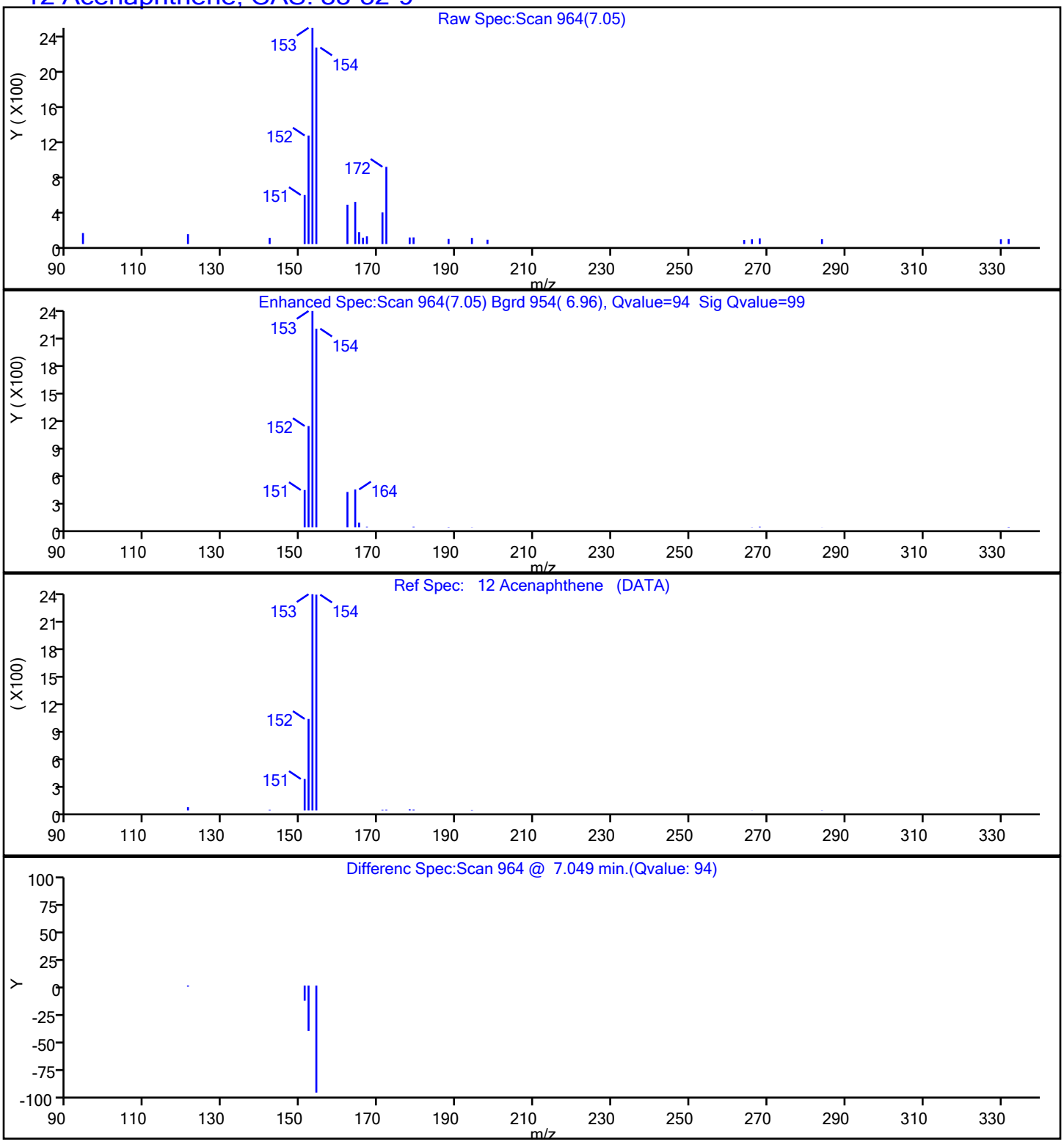
Report Date: 04-Aug-2025 09:31:10 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19656.D

Injection Date:	01-Aug-2025 17:27:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-6-A	Lab Sample ID:	460-331678-6		
Client ID:	MW-12S				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

12 Acenaphthene, CAS: 83-32-9



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-12D | Lab Sample ID: 460-331678-7

Matrix: Water | Lab File ID: 2C19653.D

Analysis Method: 8270E SIM | Date Collected: 07/28/2025 13:50

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 16:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.050	U	0.050	0.014
208-96-8	Acenaphthylene	0.050	U	0.050	0.015
120-12-7	Anthracene	0.050	U	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U *	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.050	U	0.050	0.039
86-73-7	Fluorene	0.050	U	0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.022	J	0.050	0.022
129-00-0	Pyrene	0.050	U	0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	82		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	91		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19653.D
Lims ID: 460-331678-E-7-A
Client ID: MW-12D
Sample Type: Client
Inject. Date: 01-Aug-2025 16:24:30 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-027
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:35:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	150	4.148	4.153	-0.005	99	68069	0.2000	
$ 6 Nitrobenzene-d5	82	4.678	4.673	0.005	97	2012203	9.07	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	100	132364	0.2000	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	96	4252014	8.16	
* 11 Acenaphthene-d10	164	7.013	7.013	0.000	96	64598	0.2000	
* 17 Phenanthrene-d10	188	8.412	8.412	0.000	100	110501	0.2000	
18 Phenanthrene	178	8.439	8.439	0.000	28	1739	0.002790	
* 25 Chrysene-d12	240	10.977	10.984	-0.007	100	62637	0.2000	
* 30 Perylene-d12	264	12.763	12.763	0.000	100	61456	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

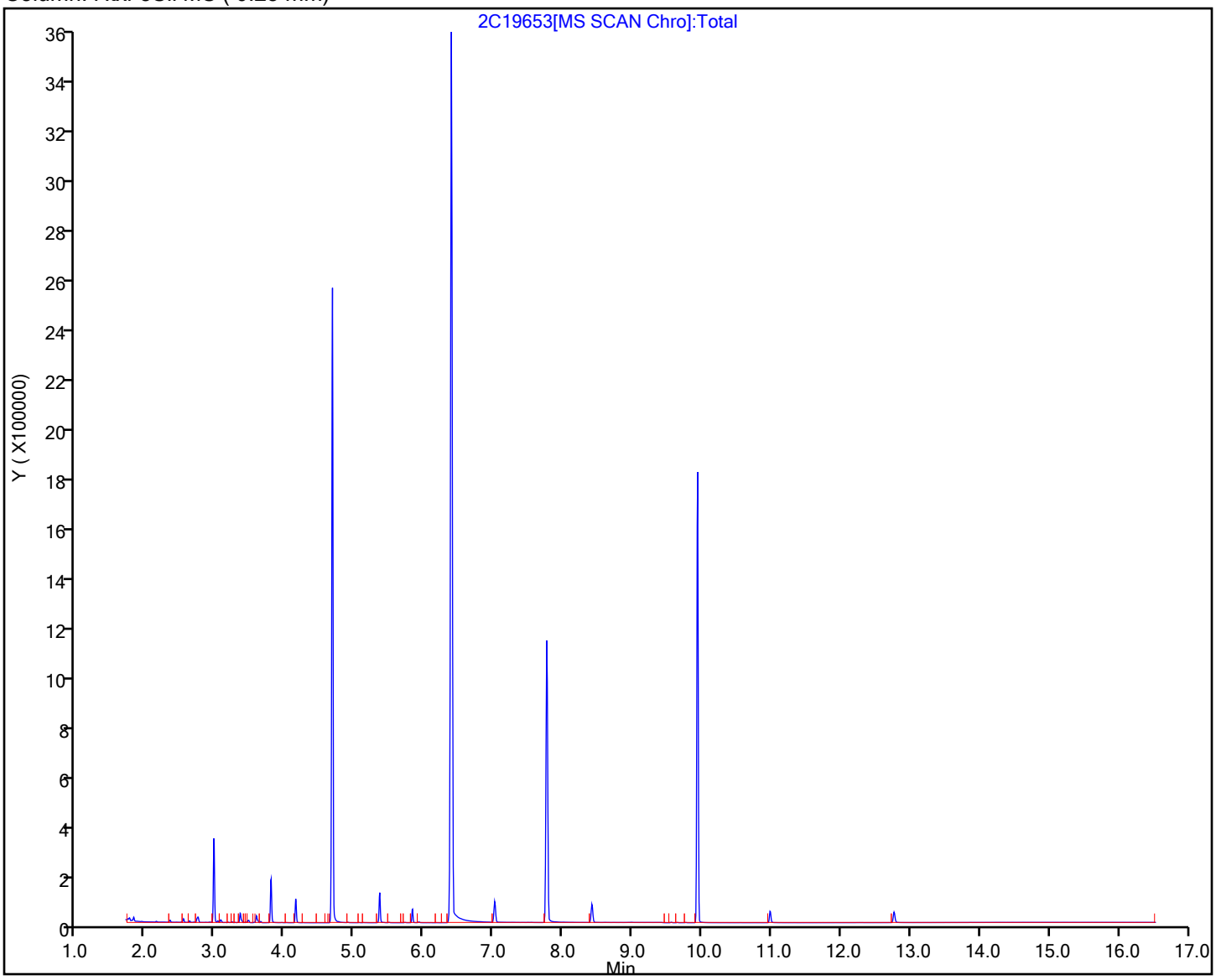
Report Date: 04-Aug-2025 09:29:40 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19653.D

Injection Date:	01-Aug-2025 16:24:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-7-A	Lab Sample ID:	460-331678-7		
Client ID:	MW-12D				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19653.D
Lims ID: 460-331678-E-7-A
Client ID: MW-12D
Sample Type: Client
Inject. Date: 01-Aug-2025 16:24:30 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-027
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:35:24

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	9.07	90.69
$ 9 2-Fluorobiphenyl	10.0	8.16	81.63

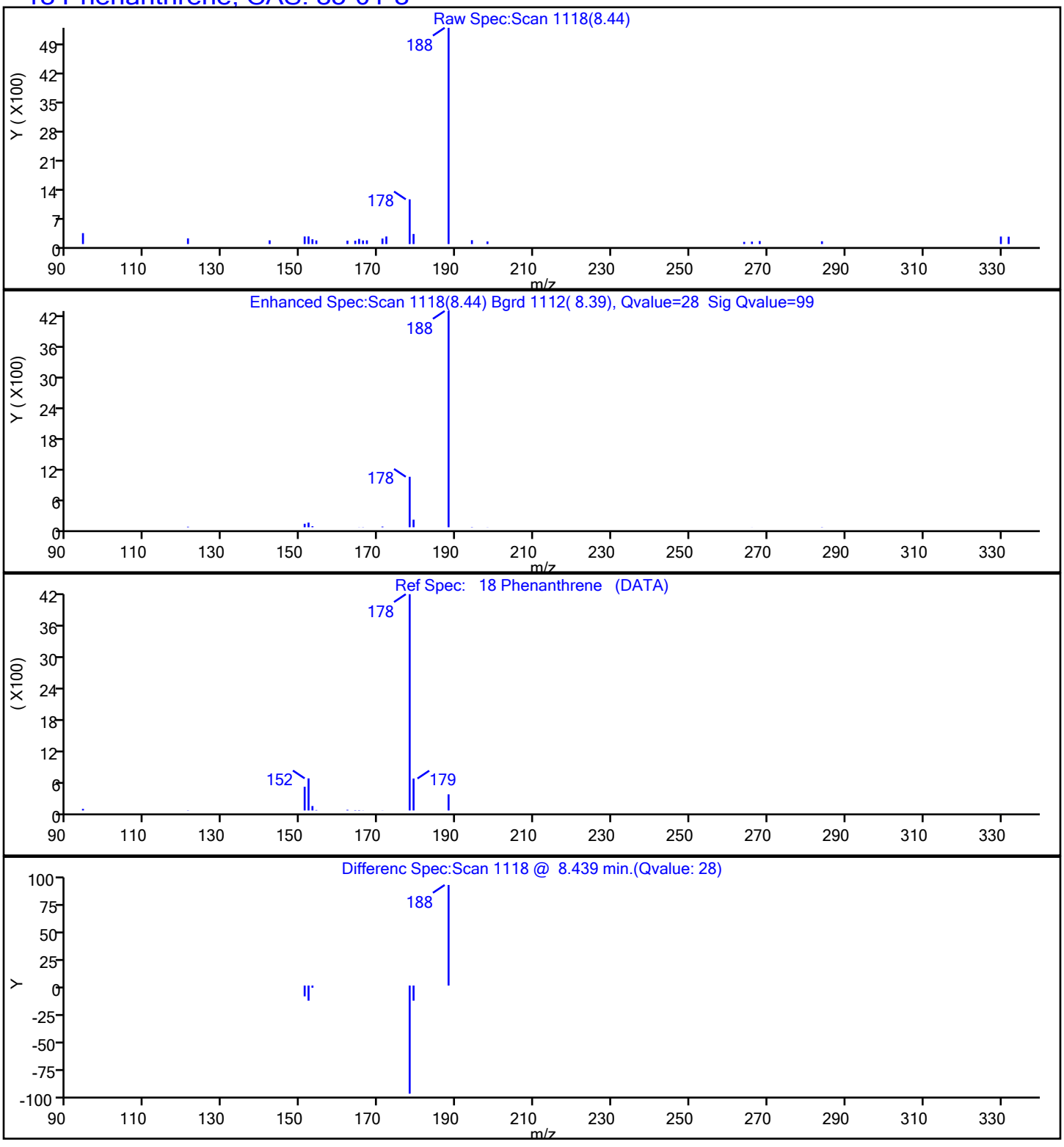
Report Date: 04-Aug-2025 09:29:40 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19653.D

Injection Date:	01-Aug-2025 16:24:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-7-A	Lab Sample ID:	460-331678-7		
Client ID:	MW-12D				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 Phenanthrene, CAS: 85-01-8



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: DUP-01 | Lab Sample ID: 460-331678-8

Matrix: Water | Lab File ID: 2C19654.D

Analysis Method: 8270E SIM | Date Collected: 07/28/2025 00:00

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 16:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.050	U	0.050	0.014
208-96-8	Acenaphthylene	0.050	U	0.050	0.015
120-12-7	Anthracene	0.050	U	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U *	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.041	J	0.050	0.039
86-73-7	Fluorene	0.050	U	0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.050	U	0.050	0.022
129-00-0	Pyrene	0.050	U	0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	79		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	85		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19654.D
Lims ID: 460-331678-E-8-A
Client ID: DUP-01
Sample Type: Client
Inject. Date: 01-Aug-2025 16:45:30 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-028
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:14:04 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:35:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	150	4.148	4.153	-0.005	100	69777	0.2000	
$ 6 Nitrobenzene-d5	82	4.678	4.673	0.005	97	1925750	8.54	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	100	134594	0.2000	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	4152183	7.91	
* 11 Acenaphthene-d10	164	7.013	7.013	0.000	96	65123	0.2000	
* 17 Phenanthrene-d10	188	8.412	8.412	0.000	100	114158	0.2000	
21 Fluoranthene	202	9.554	9.553	0.001	95	3278	0.005150	
* 25 Chrysene-d12	240	10.977	10.984	-0.007	100	66301	0.2000	
* 30 Perylene-d12	264	12.763	12.763	0.000	100	64807	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

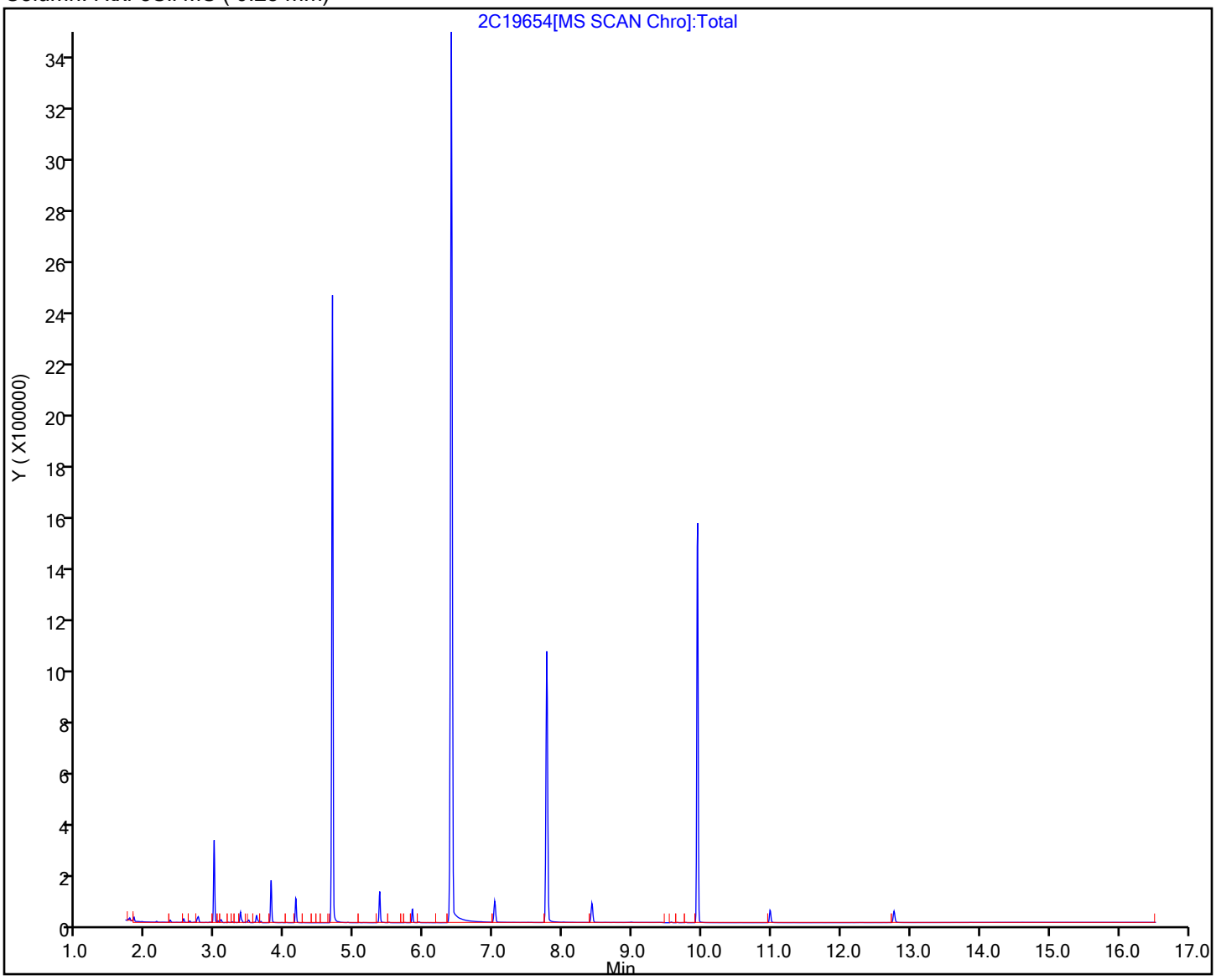
Report Date: 04-Aug-2025 09:30:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19654.D

Injection Date:	01-Aug-2025 16:45:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-8-A	Lab Sample ID:	460-331678-8		
Client ID:	DUP-01				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19654.D				
Lims ID:	460-331678-E-8-A				
Client ID:	DUP-01				
Sample Type:	Client				
Inject. Date:	01-Aug-2025 16:45:30	ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0194394-028				
Operator ID:		Instrument ID:	CBNAMS2		
Method:	\\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m				
Limit Group:	SV 8270E SIM ICAL				
Last Update:	04-Aug-2025 09:14:04	Calib Date:	05-Jun-2025 11:27:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1602				

First Level Reviewer: U6BX Date: 01-Aug-2025 18:35:28

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	8.54	85.36
$ 9 2-Fluorobiphenyl	10.0	7.91	79.07

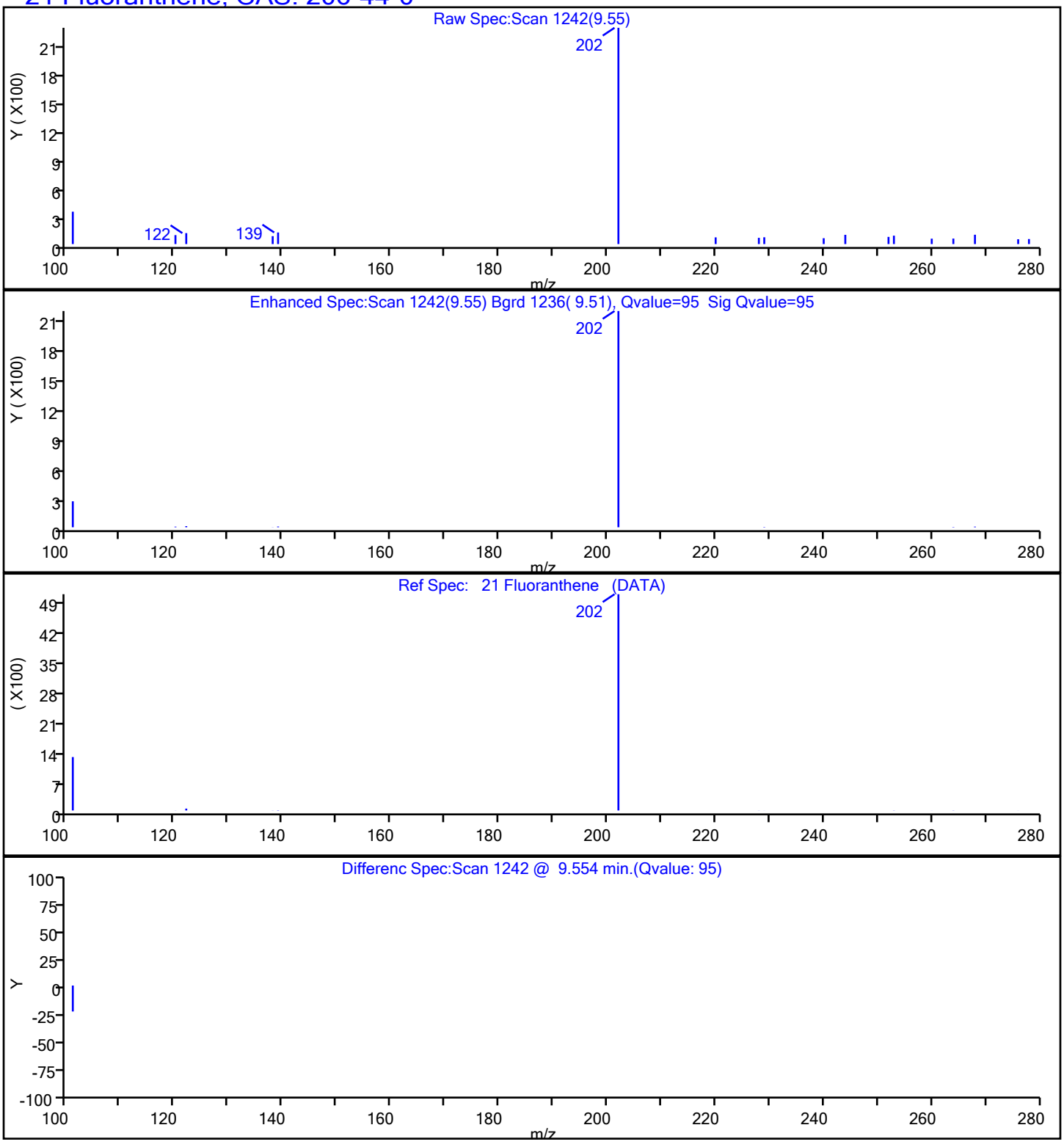
Report Date: 04-Aug-2025 09:30:11 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19654.D

Injection Date:	01-Aug-2025 16:45:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-8-A	Lab Sample ID:	460-331678-8		
Client ID:	DUP-01				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 Fluoranthene, CAS: 206-44-0



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: FB-07282025 | Lab Sample ID: 460-331678-9

Matrix: Water | Lab File ID: 2C19655.D

Analysis Method: 8270E SIM | Date Collected: 07/28/2025 14:00

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 17:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.050	U	0.050	0.014
208-96-8	Acenaphthylene	0.050	U	0.050	0.015
120-12-7	Anthracene	0.050	U	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U *	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.050	U	0.050	0.039
86-73-7	Fluorene	0.050	U	0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.050	U	0.050	0.022
129-00-0	Pyrene	0.050	U	0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	73		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	79		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19655.D
Lims ID: 460-331678-E-9-A
Client ID: FB-07282025
Sample Type: Client
Inject. Date: 01-Aug-2025 17:06:30 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-029
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:34:47 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:35:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	150	4.148	4.153	-0.005	99	71536	0.2000	
$ 6 Nitrobenzene-d5	82	4.678	4.673	0.005	96	1813865	7.91	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	100	136810	0.2000	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	3971968	7.30	
* 11 Acenaphthene-d10	164	7.013	7.013	0.000	96	67464	0.2000	
* 17 Phenanthrene-d10	188	8.412	8.412	0.000	100	116797	0.2000	
* 25 Chrysene-d12	240	10.977	10.984	-0.007	100	64737	0.2000	
* 30 Perylene-d12	264	12.763	12.763	0.000	100	62733	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

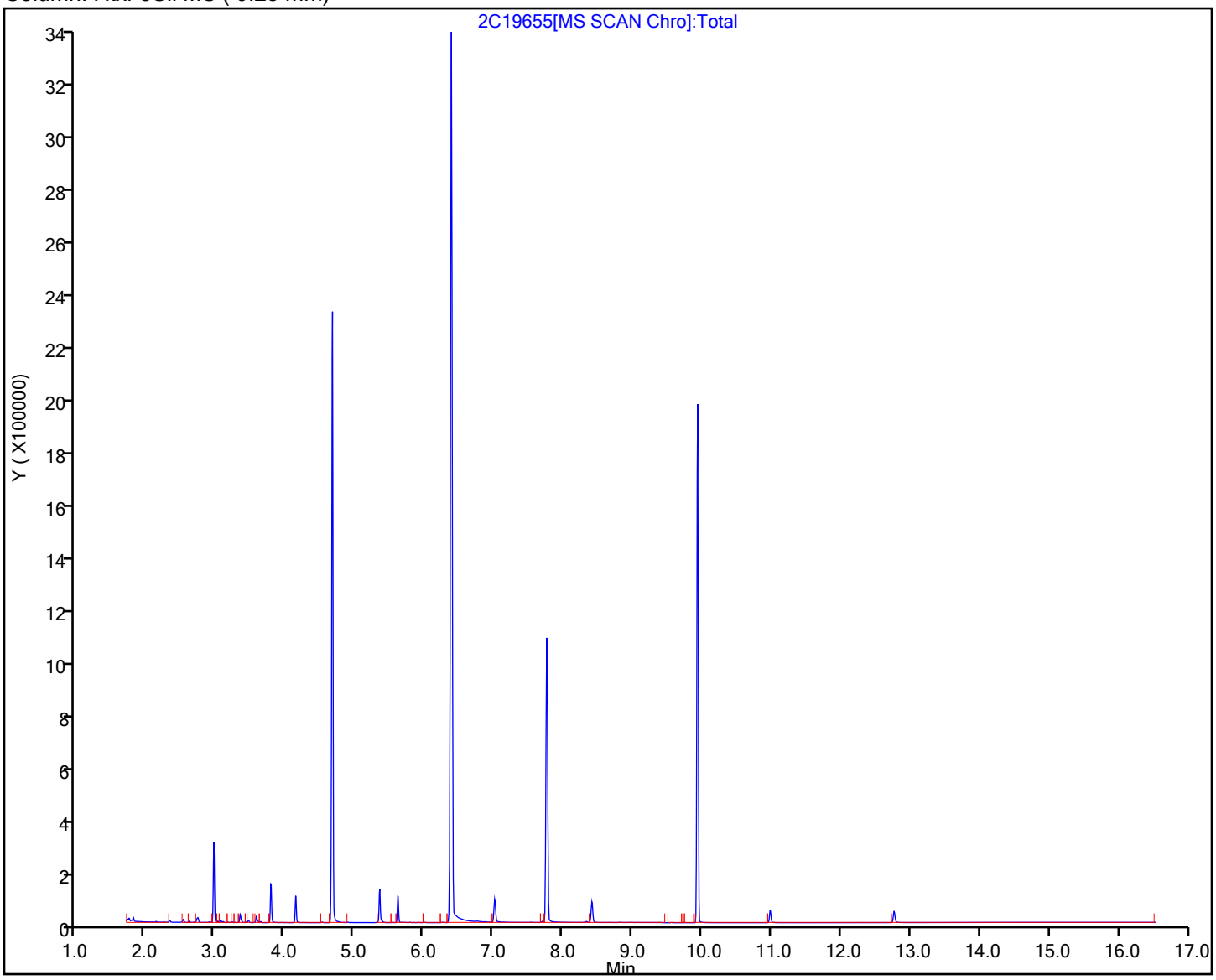
Report Date: 04-Aug-2025 09:34:47 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19655.D

Injection Date:	01-Aug-2025 17:06:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-9-A	Lab Sample ID:	460-331678-9		
Client ID:	FB-07282025				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19655.D
Lims ID: 460-331678-E-9-A
Client ID: FB-07282025
Sample Type: Client
Inject. Date: 01-Aug-2025 17:06:30 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-029
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:34:47 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:35:32

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	7.91	79.10
$ 9 2-Fluorobiphenyl	10.0	7.30	73.01

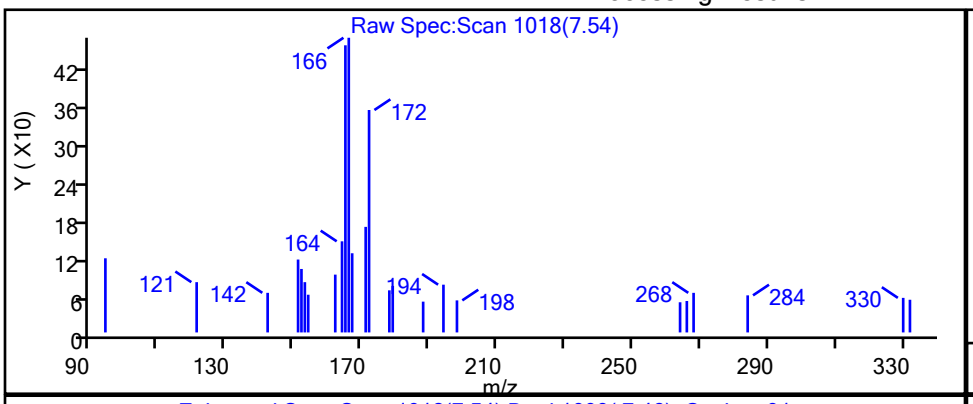
User Disabled Compound Report

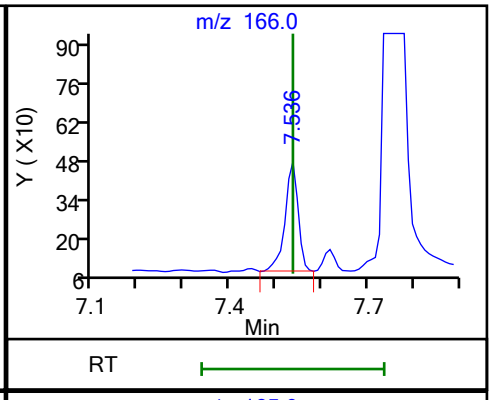
Eurofins Edison

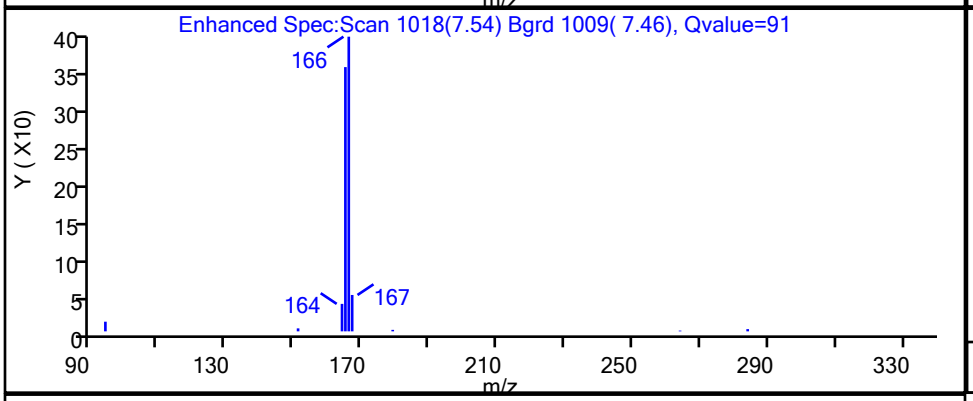
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19655.D				
Injection Date:	01-Aug-2025 17:06:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-9-A	Lab Sample ID:	460-331678-9		
Client ID:	FB-07282025				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

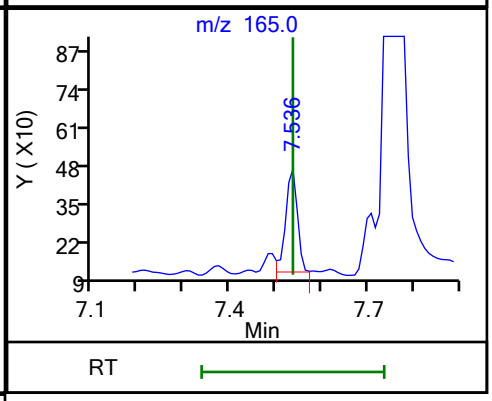
13 Fluorene, CAS: 86-73-7

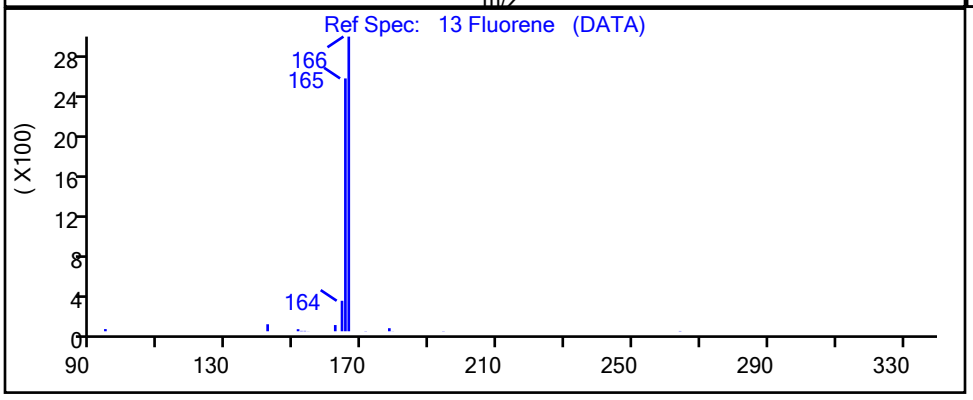
Processing Results











RT	Mass	Response	Amount
7.54	166.00	805	0.001820
7.54	165.00	632	

Reviewer: V5XH, 04-Aug-2025 09:34:45 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1041632

SDG No.:

Instrument ID: CBNAMS2 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2025 08:38 Calibration End Date: 06/05/2025 11:27 Calibration ID: 101224

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-1041632/10	2C18410.D
Level 2	STD2 460-1041632/9	2C18409.D
Level 3	STD3 460-1041632/8	2C18408.D
Level 4	STD4 460-1041632/7	2C18407.D
Level 5	ICIS 460-1041632/2	2C18402.D
Level 6	STD6 460-1041632/6	2C18406.D
Level 7	STD7 460-1041632/5	2C18405.D
Level 8	STD8 460-1041632/4	2C18404.D
Level 9	STD9 460-1041632/3	2C18403.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.3055 0.2594	0.2619 0.2700	0.2539 0.2635	0.2676 0.2694	0.2902	Ave		0.2712			0.0100	6.0		20.0			
N-Nitrosodimethylamine	0.3128 0.4064	0.3588 0.4416	0.3698 0.4042	0.3886 0.3860	0.4348	Ave		0.3892			0.0100	10.2		20.0			
Bis(2-chloroethyl)ether	0.7766 0.6194	0.7062 0.6592	0.5813 0.6112	0.6047 0.5782	0.6735	Ave		0.6456			0.4000	10.1		20.0			
Naphthalene	1.0936 1.0864	1.1452 1.0155	1.0534 1.0110	1.0103 1.0028	1.1061	Ave		1.0583			0.7000	4.9		20.0			
Acenaphthylene	1.9217 2.0872	1.9381 1.9592	1.8045 1.8557	1.7955 1.8383	2.0488	Ave		1.9166			0.6000	5.4		20.0			
Acenaphthene	1.2497 1.1283	1.1619 1.0500	1.0794 1.0405	1.0159 1.0050	1.1877	Ave		1.1020			0.6000	7.7		20.0			
Fluorene	1.3405 1.4359	1.3726 1.3214	1.2311 1.2542	1.2530 1.1862	1.4067	Ave		1.3113			0.9000	6.5		20.0			
4,6-Dinitro-2-methylphenol	0.0091 0.0857	0.0119 0.1193	0.0191 +++++	0.0326 +++++	0.0608	Qua1	-0.001	0.0396	0.0203332		0.0100	59.5			0.9960		0.9900
Hexachlorobenzene	0.4034 0.3202	0.3357 0.3437	0.2830 0.3250	0.3030 0.3061	0.3302	Ave		0.3278			0.1000	10.3		20.0			
Pentachlorophenol	0.0262 0.1553	0.0131 0.2089	0.0387 +++++	0.0675 +++++	0.1128	Qua1	-0.001	0.1088	0.0253733		0.0500	77.8			0.9930		0.9900
Phenanthrene	1.2986 1.1466	1.2587 1.0822	1.1061 1.0127	1.0912 0.9743	1.1828	Ave		1.1281			0.7000	9.4		20.0			
Anthracene	1.0381 1.1075	1.0531 1.0341	0.9474 0.9788	0.9716 0.7956	1.1098	Ave		1.0040			0.7000	9.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331678-1 Analy Batch No.: 1041632

SDG No.:

Instrument ID: CBNAMS2 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2025 08:38 Calibration End Date: 06/05/2025 11:27 Calibration ID: 101224

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Fluoranthene	1.1372 1.2232	1.1590 1.1585	1.0529 1.0730	1.0877 0.9220	1.2221	Ave		1.1151			0.6000	8.5		20.0			
Pyrene	2.1045 1.9297	2.0286 1.8077	1.8515 1.7624	1.8087 1.5393	2.0163	Ave		1.8721			0.6000	9.1		20.0			
Benzo[a]anthracene	2.0924 1.4307	1.4375 1.4128	1.2263 1.4916	1.2300 1.2658	1.4178	Ave		1.4450			0.8000	18.1		20.0			
Chrysene	1.5447 1.4666	1.5759 1.3884	1.4090 1.3912	1.3760 1.1998	1.4854	Ave		1.4263			0.7000	7.8		20.0			
Benzo[b]fluoranthene	1.4057 1.5058	1.3618 1.4305	1.2604 1.5471	1.3211 1.3199	1.4714	Ave		1.4026			0.7000	6.8		20.0			
Benzo[k]fluoranthene	1.3775 1.4866	1.3441 1.4890	1.2237 1.4426	1.3361 1.2044	1.4790	Ave		1.3759			0.7000	7.9		20.0			
Benzo[a]pyrene	1.0418 1.2263	1.0623 1.2703	0.9274 1.3380	0.9941 1.1278	1.1614	Ave		1.1277			0.7000	11.9		20.0			
Indeno[1,2,3-cd]pyrene	0.9898 1.0502	0.8676 1.1254	0.7255 1.2286	0.8030 1.0534	0.9573	Ave		0.9779			0.5000	16.3		20.0			
Dibenz(a,h)anthracene	0.7407 1.0598	0.8442 1.1277	0.7171 1.2169	0.8264 1.0218	0.9646	Ave		0.9466			0.4000	18.5		20.0			
Benzo[g,h,i]perylene	1.1978 1.2080	1.0697 1.2520	0.9600 1.3097	1.0105 1.0909	1.1427	Ave		1.1379			0.5000	10.1		20.0			
Nitrobenzene-d5 (Surr)	0.3187	0.3049 0.3645	0.3040 0.3850	0.3128 0.3671	0.3250	Ave		0.3352			0.0100	9.5		20.0			
2-Fluorobiphenyl	1.5232	1.4770 1.7522	1.4742 1.8983	1.4863 1.7369	1.5538	Ave		1.6127			0.0100	10.0		20.0			
2,4,6-Tribromophenol	0.3169	0.2586 0.3643	0.2772 0.4031	0.2910 0.3764	0.3033	Ave		0.3238			0.0100	15.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1041632

SDG No.:

Instrument ID: CBNAMS2 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2025 08:38 | Calibration End Date: 06/05/2025 11:27 | Calibration ID: 101224

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-1041632/10	2C18410.D
Level 2	STD2 460-1041632/9	2C18409.D
Level 3	STD3 460-1041632/8	2C18408.D
Level 4	STD4 460-1041632/7	2C18407.D
Level 5	ICIS 460-1041632/2	2C18402.D
Level 6	STD6 460-1041632/6	2C18406.D
Level 7	STD7 460-1041632/5	2C18405.D
Level 8	STD8 460-1041632/4	2C18404.D
Level 9	STD9 460-1041632/3	2C18403.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd4	Ave	712 289309	3082 562474	32067 1391205	64526 2875719	140010	0.00400 2.00	0.0200 4.00	0.200 10.0	0.400 20.0	0.800
N-Nitrosodimethylamine	DCBd4	Ave	729 226635	4222 460053	23355 1067111	46855 2060163	104899	0.00400 1.00	0.0200 2.00	0.100 5.00	0.200 10.0	0.400
Bis(2-chloroethyl)ether	DCBd4	Ave	181 345455	831 686764	7342 1613895	72906 3086481	162472	0.000400 1.00	0.00200 2.00	0.0200 5.00	0.200 10.0	0.400
Naphthalene	NPT	Ave	1261 490000	6576 2112839	26162 5277115	122037 10237434	272034	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Acenaphthylene	ANT	Ave	1101 479724	5713 2068032	22764 5154656	111862 9979920	254346	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Acenaphthene	ANT	Ave	716 259338	3425 1108296	13617 2890098	63289 5455991	147440	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Fluorene	ANT	Ave	768 330039	4046 1394819	15530 3483753	78064 6439786	174634	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
4,6-Dinitro-2-methylphenol	PHN	Qua1	77 180689	510 445814	4339 +++++	14508 +++++	53946	0.00800 2.00	0.0400 4.00	0.200 +++++	0.400 +++++	0.800
Hexachlorobenzene	PHN	Ave	171 337568	717 641966	6436 1656646	67428 3058337	146379	0.000400 1.00	0.00200 2.00	0.0200 5.00	0.200 10.0	0.400
Pentachlorophenol	PHN	Qua1	89 163685	223 780359	4404 +++++	15030 +++++	50009	0.00320 1.00	0.0160 4.00	0.100 +++++	0.200 +++++	0.400
Phenanthrene	PHN	Ave	1376 483462	6721 2021149	25158 5161546	121401 9734007	262176	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Anthracene	PHN	Ave	1100 466959	5623 1931404	21548 4989037	108096 7948784	245991	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Fluoranthene	PHN	Ave	1205 515742	6189 2163806	23948 5469379	121015 9211335	270894	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Pyrene	CRY	Ave	1218 507427	6140 2133564	23912 5276862	121527 9180611	267034	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Benzo[a]anthracene	CRY	Ave	1211	4351	15837	82646	187773	0.00100	0.00500	0.0200	0.100	0.200

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331678-1 | Analy Batch No.: 1041632

SDG No.:

Instrument ID: CBNAMS2 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/05/2025 08:38 | Calibration End Date: 06/05/2025 11:27 | Calibration ID: 101224

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			376194	1667482	4466077	7549392		0.400	2.00	5.00	10.0	
Chrysene	CRY	Ave	894 385653	4770 1638616	18197 4165332	92454 7155745	196730	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Benzo[b]fluoranthene	PRY	Ave	649 350470	3315 1591826	13221 4407212	74319 7690855	169682	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Benzo[k]fluoranthene	PRY	Ave	636 346013	3272 1656924	12836 4109509	75163 7017888	170551	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Benzo[a]pyrene	PRY	Ave	481 285421	2586 1413571	9728 3811624	55926 6571316	133936	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Indeno[1,2,3-cd]pyrene	PRY	Ave	457 244438	2112 1252310	7610 3500013	45172 6138325	110392	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Dibenz(a,h)anthracene	PRY	Ave	342 246679	2055 1254948	7522 3466520	46490 5953807	111238	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Benzo[g,h,i]perylene	PRY	Ave	553 281155	2604 1393231	10070 3730886	56848 6356817	131771	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Nitrobenzene-d5 (Surr)	NPT	Ave	 359351	350107 379171	377503 401884	377820 374796	399640	 1.00	1.00 1.00	1.00 1.00	1.00 1.00	1.00
2-Fluorobiphenyl	ANT	Ave	 875233	870782 924789	929871 1054564	925961 942951	964460	 1.00	1.00 1.00	1.00 1.00	1.00 1.00	1.00
2,4,6-Tribromophenol	ANT	Ave	 182077	152440 192284	174829 223949	181303 204349	188264	 1.00	1.00 1.00	1.00 1.00	1.00 1.00	1.00

Curve Type Legend:

Ave = Average ISTD
Qua1 = Quadratic 1/conc ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18402.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 05-Jun-2025 08:38:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191796-002
Operator ID: Instrument ID: CBNAMS2
Sublist: chrom-SIM_BNA2*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 05-Jun-2025 14:00:30 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: QQ8R Date: 05-Jun-2025 09:25:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.115	2.115	0.000	100	140010	0.8000	0.8558	a
2 N-Nitrosodimethylamine	74	2.266	2.266	0.000	81	104899	0.4000	0.4469	a
3 Bis(2-chloroethyl)ether	93	4.073	4.073	0.000	89	162472	0.4000	0.4173	
* 5 1,4-Dichlorobenzene-d4	150	4.327	4.327	0.000	99	120626	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.842	4.842	0.000	99	399640	1.00	0.9695	
* 7 Naphthalene-d8	136	5.532	5.532	0.000	100	245929	0.2000	0.2000	
8 Naphthalene	128	5.548	5.548	0.000	100	272034	0.2000	0.2091	
$ 9 2-Fluorobiphenyl	172	6.558	6.558	0.000	94	964460	1.00	0.9634	
10 Acenaphthylene	152	7.055	7.055	0.000	100	254346	0.2000	0.2138	
* 11 Acenaphthene-d10	164	7.190	7.190	0.000	98	124144	0.2000	0.2000	
12 Acenaphthene	154	7.217	7.217	0.000	94	147440	0.2000	0.2155	
13 Fluorene	166	7.705	7.705	0.000	93	174634	0.2000	0.2146	
14 4,6-Dinitro-2-methylphenol	198	7.759	7.759	0.000	79	53946	0.8000	0.8618	
$ 20 2,4,6-Tribromophenol	330	7.940	7.940	0.000	90	188264	1.00	0.9365	
15 Hexachlorobenzene	284	8.228	8.228	0.000	99	146379	0.4000	0.4029	
16 Pentachlorophenol	266	8.418	8.418	0.000	98	50009	0.4000	0.3866	
* 17 Phenanthrene-d10	188	8.590	8.590	0.000	100	221663	0.2000	0.2000	
18 Phenanthrene	178	8.617	8.617	0.000	81	262176	0.2000	0.2097	
19 Anthracene	178	8.662	8.662	0.000	100	245991	0.2000	0.2211	
21 Fluoranthene	202	9.739	9.739	0.000	95	270894	0.2000	0.2192	
22 Pyrene	202	9.950	9.950	0.000	97	267034	0.2000	0.2154	
$ 23 Terphenyl-d14	244	10.115	10.115	0.000	95	801739	1.00	0.9571	
24 Benzo[a]anthracene	228	11.189	11.189	0.000	41	187773	0.2000	0.1962	
* 25 Chrysene-d12	240	11.202	11.202	0.000	99	132440	0.2000	0.2000	
26 Chrysene	228	11.229	11.229	0.000	99	196730	0.2000	0.2083	
27 Benzo[b]fluoranthene	252	12.534	12.534	0.000	45	169682	0.2000	0.2098	
28 Benzo[k]fluoranthene	252	12.573	12.573	0.000	100	170551	0.2000	0.2150	
29 Benzo[a]pyrene	252	12.976	12.976	0.000	1	133936	0.2000	0.2060	a
* 30 Perylene-d12	264	13.055	13.055	0.000	100	115318	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.584	14.584	0.000	86	110392	0.2000	0.1958	
32 Dibenz(a,h)anthracene	278	14.630	14.630	0.000	94	111238	0.2000	0.2038	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.992	14.992	0.000	76	131771	0.2000	0.2008	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

SM_simSlviL5_00021 Amount Added: 1.00 Units: mL

Report Date: 05-Jun-2025 14:00:31 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18402.D

Injection Date: 05-Jun-2025 08:38:30 Instrument ID: CBNAMS2

Lims ID: ICIS

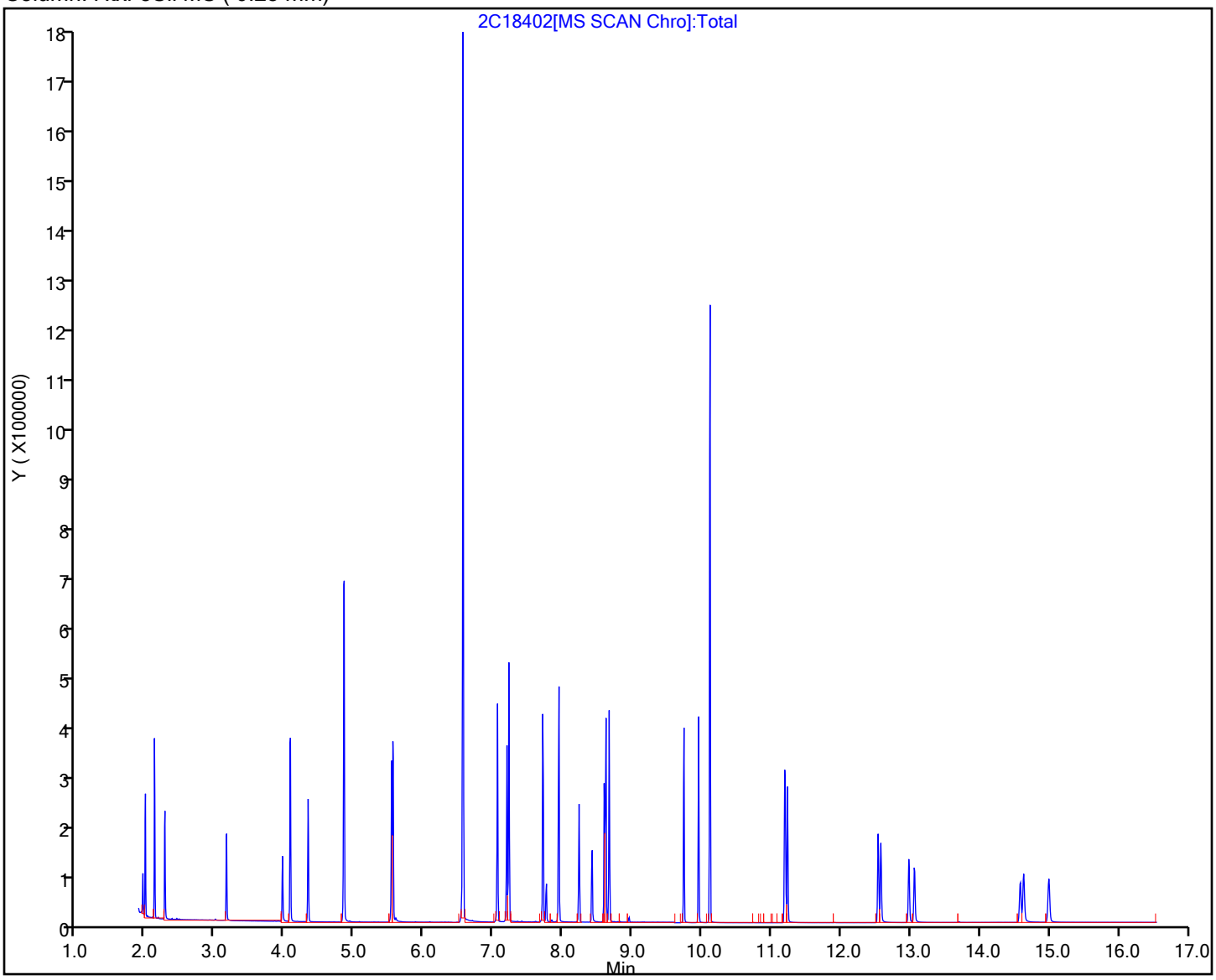
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

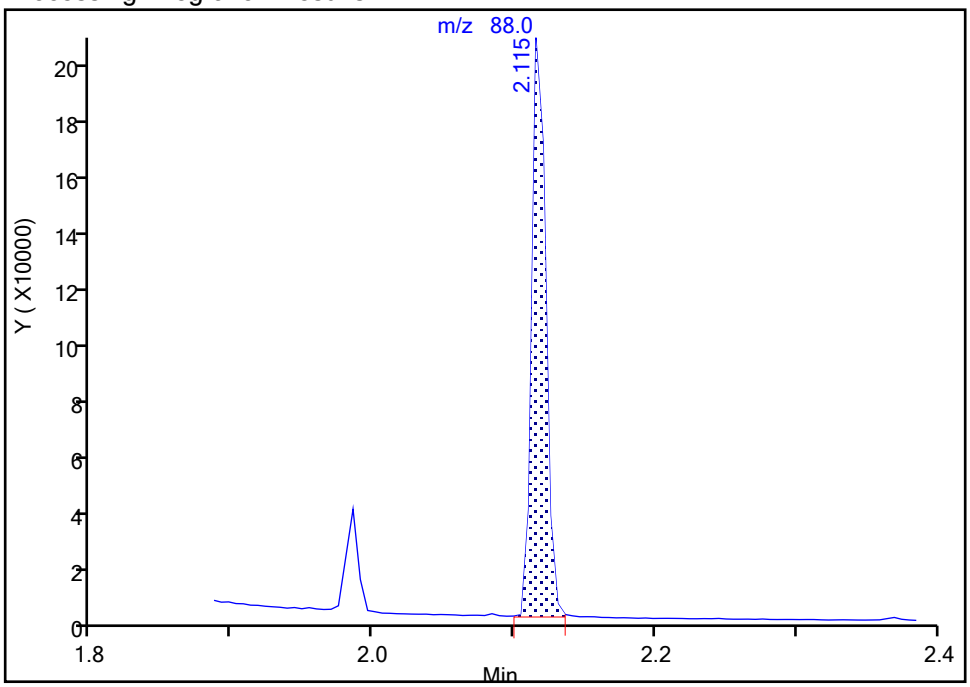
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18402.D
Injection Date: 05-Jun-2025 08:38:30 Instrument ID: CBNAMS2
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

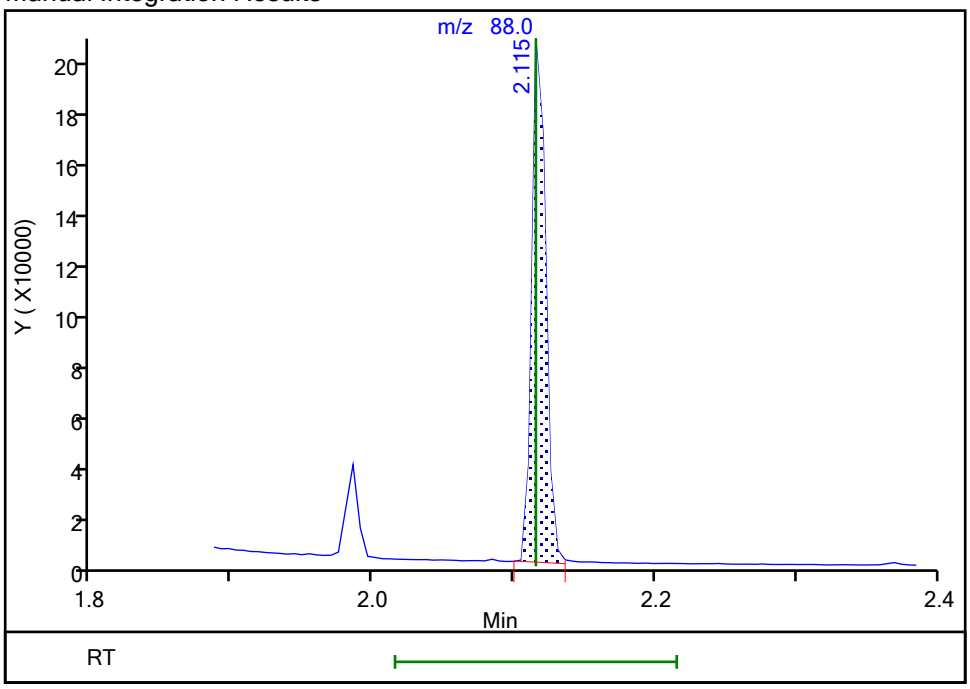
Processing Integration Results

RT: 2.12
Area: 140010
Amount: 0.800000
Amount Units: ug/ml



Manual Integration Results

RT: 2.12
Area: 140010
Amount: 0.855836
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 09:36:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

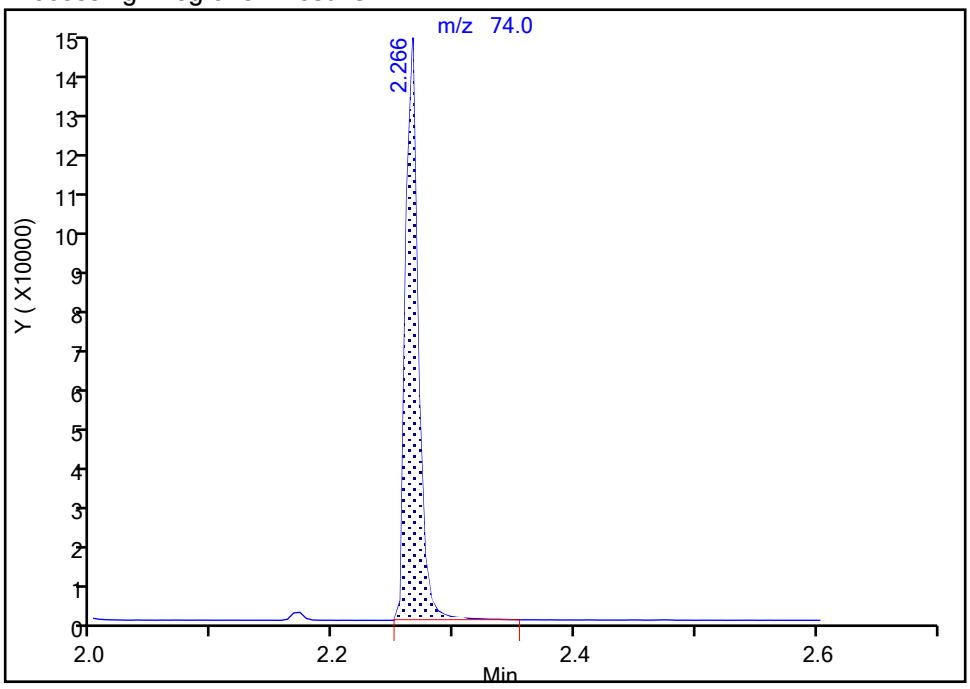
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18402.D
Injection Date: 05-Jun-2025 08:38:30 Instrument ID: CBNAMS2
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

2 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

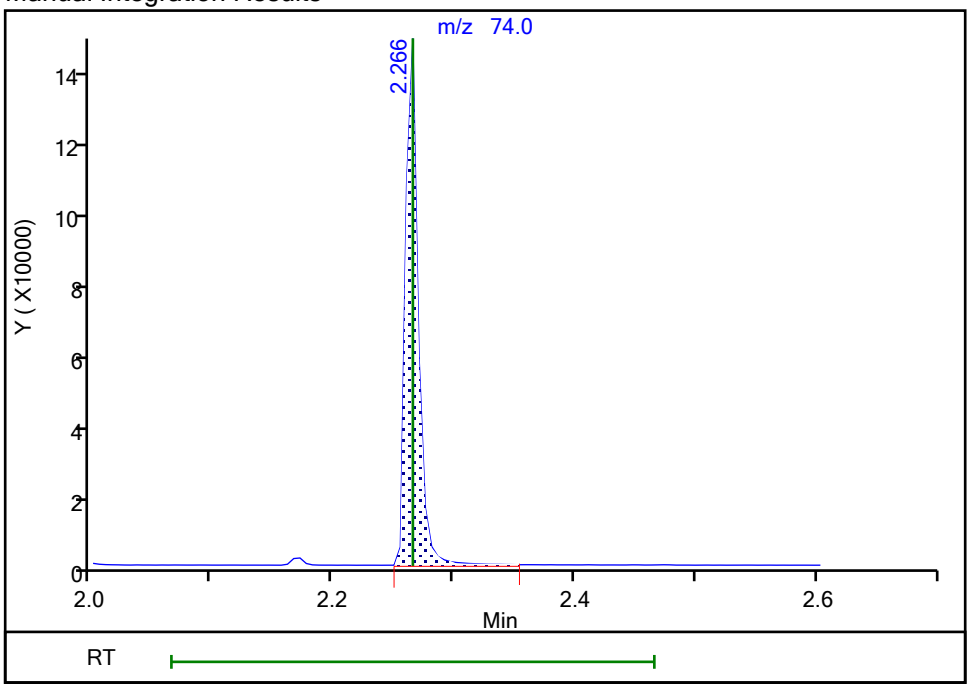
Processing Integration Results

RT: 2.27
Area: 104899
Amount: 0.799304
Amount Units: ug/ml



Manual Integration Results

RT: 2.27
Area: 104899
Amount: 0.446867
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 09:36:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

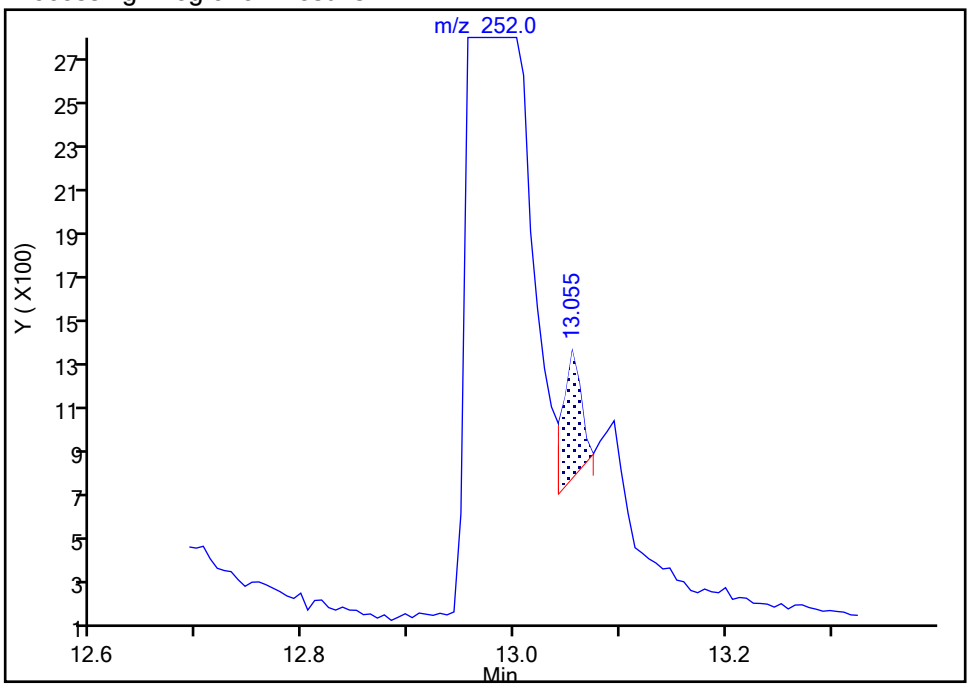
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18402.D
Injection Date: 05-Jun-2025 08:38:30 Instrument ID: CBNAMS2
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

29 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

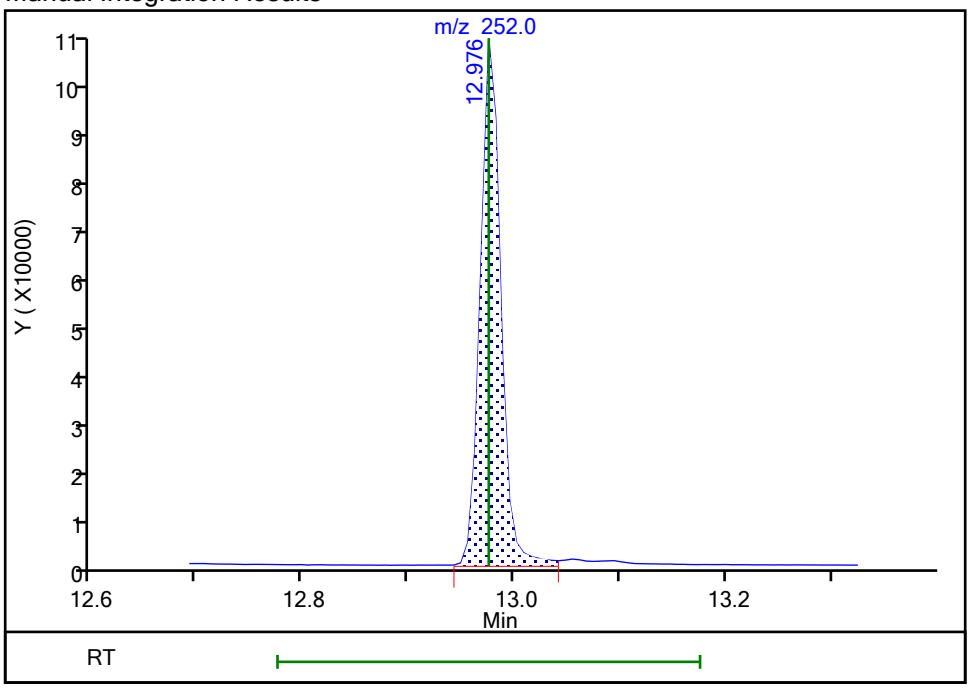
Processing Integration Results

RT: 13.05
Area: 687
Amount: 0.200000
Amount Units: ug/ml



Manual Integration Results

RT: 12.98
Area: 133936
Amount: 0.205983
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 09:25:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Lims ID: STD9
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 05-Jun-2025 08:59:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191796-003
Operator ID: Instrument ID: CBNAMS2
Sublist: chrom-SIM_BNA2*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 05-Jun-2025 14:00:32 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: QQ8R Date: 05-Jun-2025 09:40:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.380	2.115	0.265	95	2875719	20.0	19.9	Ma
2 N-Nitrosodimethylamine	74	2.515	2.266	0.249	82	2060163	10.0	9.92	a
3 Bis(2-chloroethyl)ether	93	4.073	4.073	0.000	91	3086481	10.0	8.96	
* 5 1,4-Dichlorobenzene-d4	150	4.317	4.327	-0.010	99	106754	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.842	4.842	0.000	99	374796	1.00	1.10	M
* 7 Naphthalene-d8	136	5.532	5.532	0.000	17	204187	0.2000	0.2000	Ma
8 Naphthalene	128	5.553	5.548	0.005	100	10237434	10.0	9.48	M
$ 9 2-Fluorobiphenyl	172	6.558	6.558	0.000	95	942951	1.00	1.08	a
10 Acenaphthylene	152	7.055	7.055	0.000	100	9979920	10.0	9.59	M
* 11 Acenaphthene-d10	164	7.190	7.190	0.000	36	108579	0.2000	0.2000	M
12 Acenaphthene	154	7.226	7.217	0.009	97	5455991	10.0	9.12	M
13 Fluorene	166	7.714	7.705	0.009	96	6439786	10.0	9.05	M
14 4,6-Dinitro-2-methylphenol	198	7.768	7.759	0.009	92	2767365	20.0	10.7	M
$ 20 2,4,6-Tribromophenol	330	7.940	7.940	0.000	88	204349	1.00	1.16	M
15 Hexachlorobenzene	284	8.238	8.228	0.010	100	3058337	10.0	9.34	M
16 Pentachlorophenol	266	8.427	8.418	0.009	95	3993700	20.0	10.6	M
* 17 Phenanthrene-d10	188	8.599	8.590	0.009	30	199819	0.2000	0.2000	M
18 Phenanthrene	178	8.626	8.617	0.009	82	9734007	10.0	8.64	eM
19 Anthracene	178	8.671	8.662	0.009	98	7948784	10.0	7.92	
21 Fluoranthene	202	9.746	9.739	0.007	96	9211335	10.0	8.27	eM
22 Pyrene	202	9.963	9.950	0.013	97	9180611	10.0	8.22	M
$ 23 Terphenyl-d14	244	10.115	10.115	0.000	94	789023	1.00	1.05	
24 Benzo[a]anthracene	228	11.203	11.189	0.014	33	7549392	10.0	8.76	
* 25 Chrysene-d12	240	11.209	11.202	0.007	15	119286	0.2000	0.2000	
26 Chrysene	228	11.242	11.229	0.013	100	7155745	10.0	8.41	
27 Benzo[b]fluoranthene	252	12.554	12.534	0.020	45	7690855	10.0	9.41	a
28 Benzo[k]fluoranthene	252	12.593	12.573	0.020	100	7017888	10.0	8.75	a
29 Benzo[a]pyrene	252	12.995	12.976	0.019	1	6571316	10.0	10.0	a
* 30 Perylene-d12	264	13.061	13.055	0.006	99	116538	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.610	14.584	0.026	87	6138325	10.0	10.8	
32 Dibenz(a,h)anthracene	278	14.656	14.630	0.026	94	5953807	10.0	10.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	15.032	14.992	0.040	77	6356817	10.0	9.59	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_simSlviL9_00003 Amount Added: 1.00 Units: mL

Report Date: 05-Jun-2025 14:00:33 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D

Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2

Lims ID: STD9

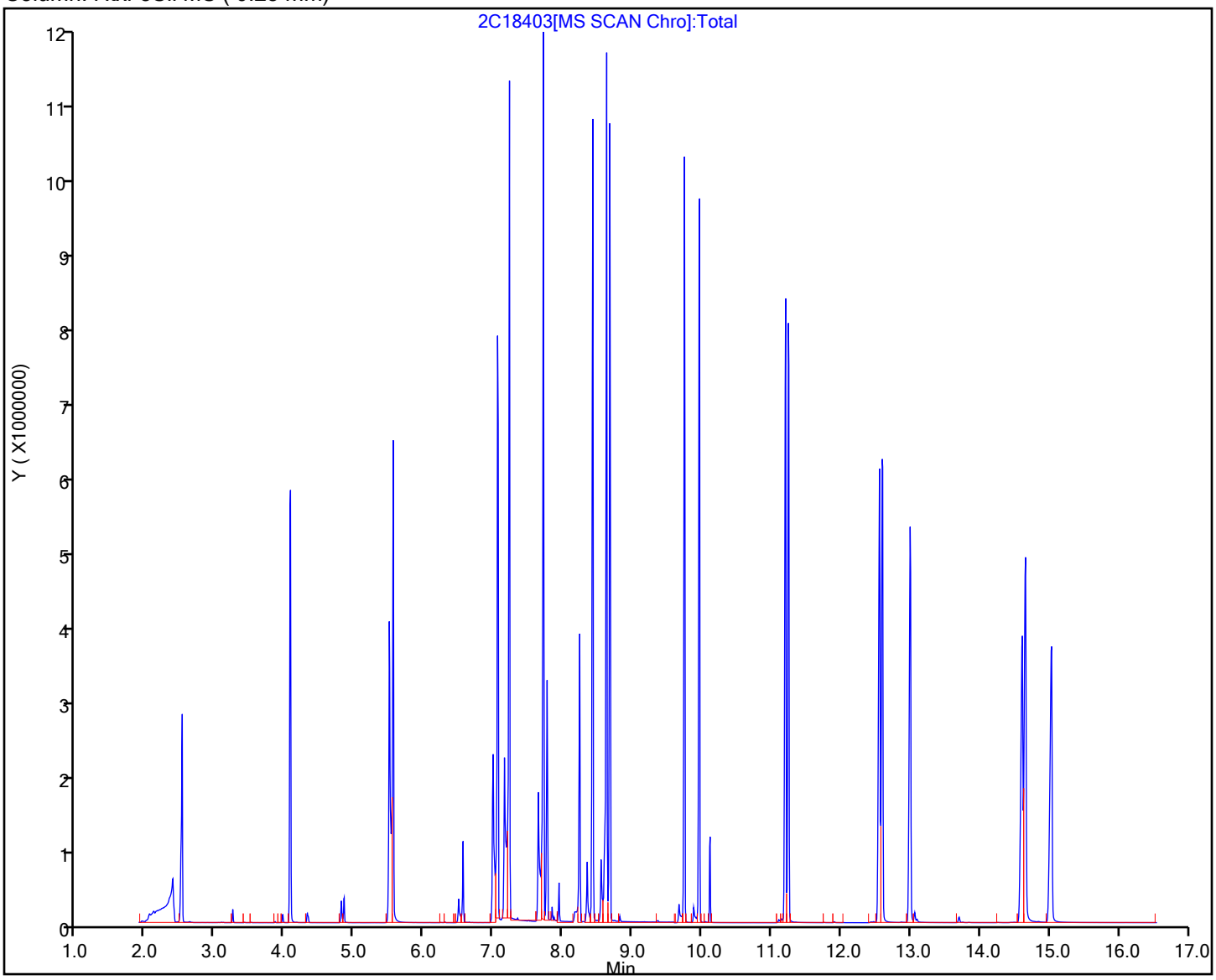
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

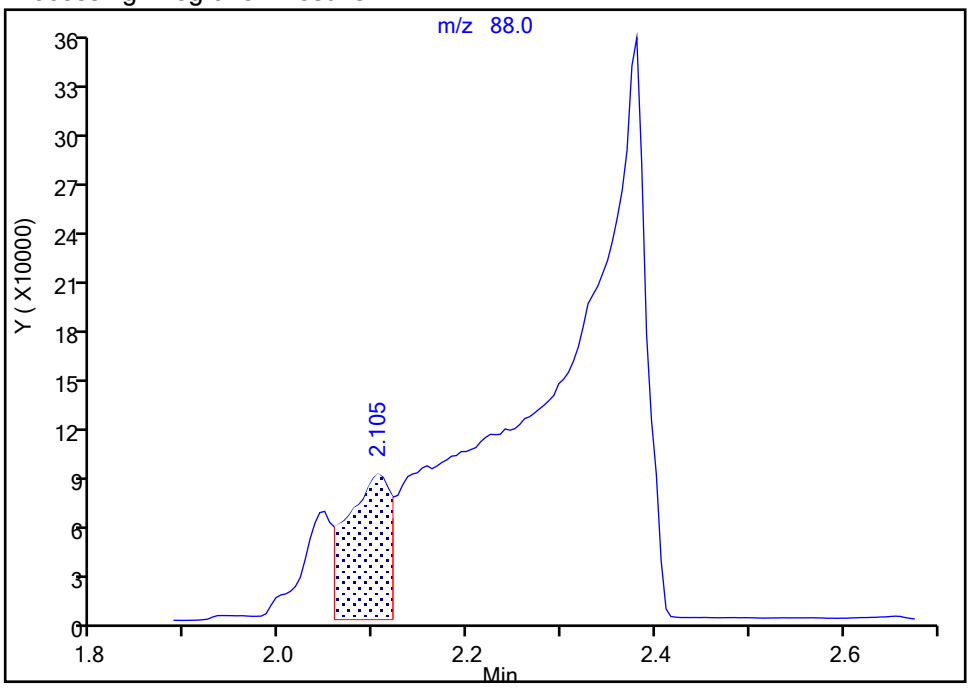
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

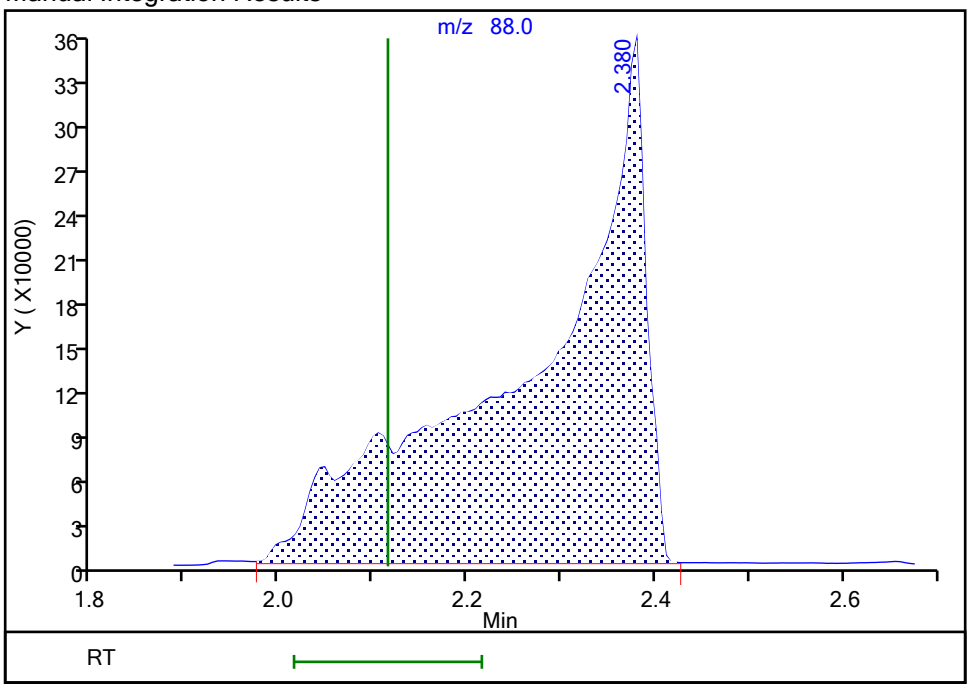
Processing Integration Results

RT: 2.10
Area: 294108
Amount: 20.000000
Amount Units: ug/ml



Manual Integration Results

RT: 2.38
Area: 2875719
Amount: 19.862538
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:38:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

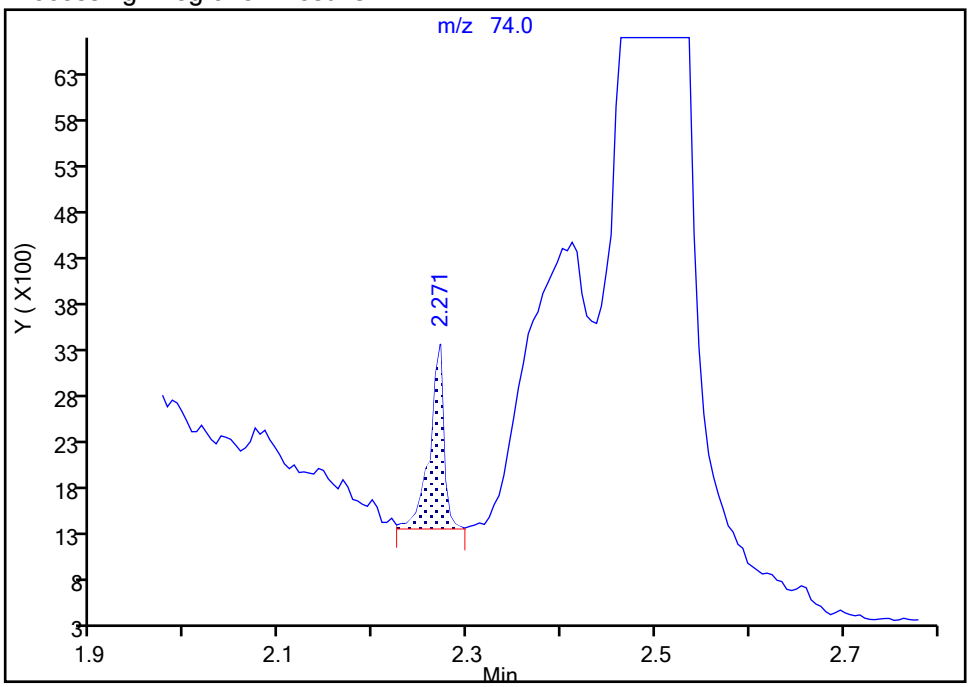
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D				
Injection Date:	05-Jun-2025 08:59:30	Instrument ID:	CBNAMS2		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

2 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

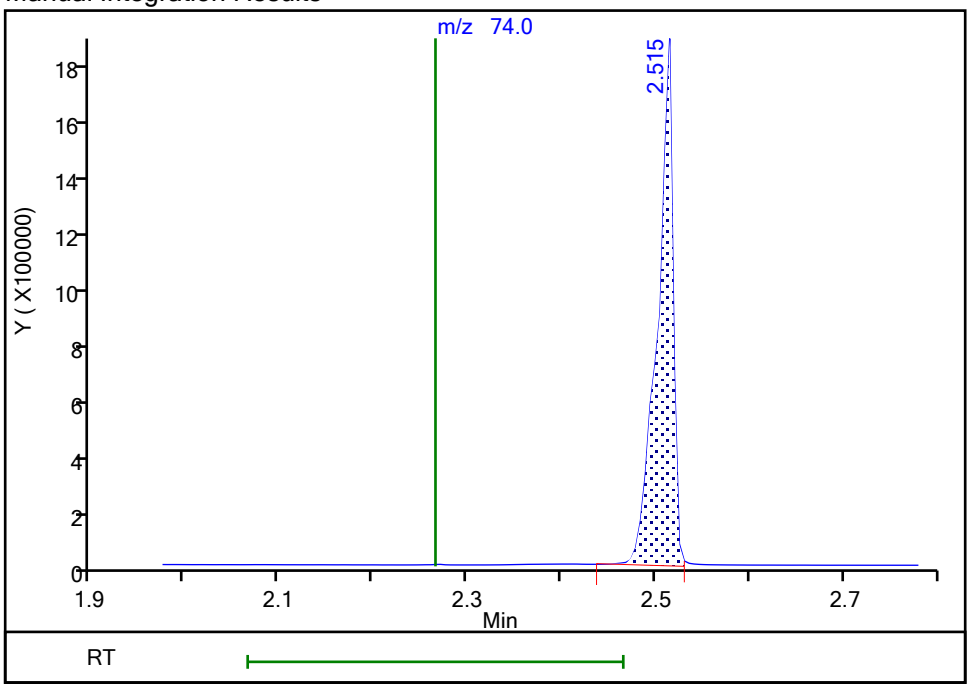
Processing Integration Results

RT: 2.27
Area: 2020
Amount: 0.017392
Amount Units: ug/ml



Manual Integration Results

RT: 2.52
Area: 2060163
Amount: 9.916652
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 09:38:29 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

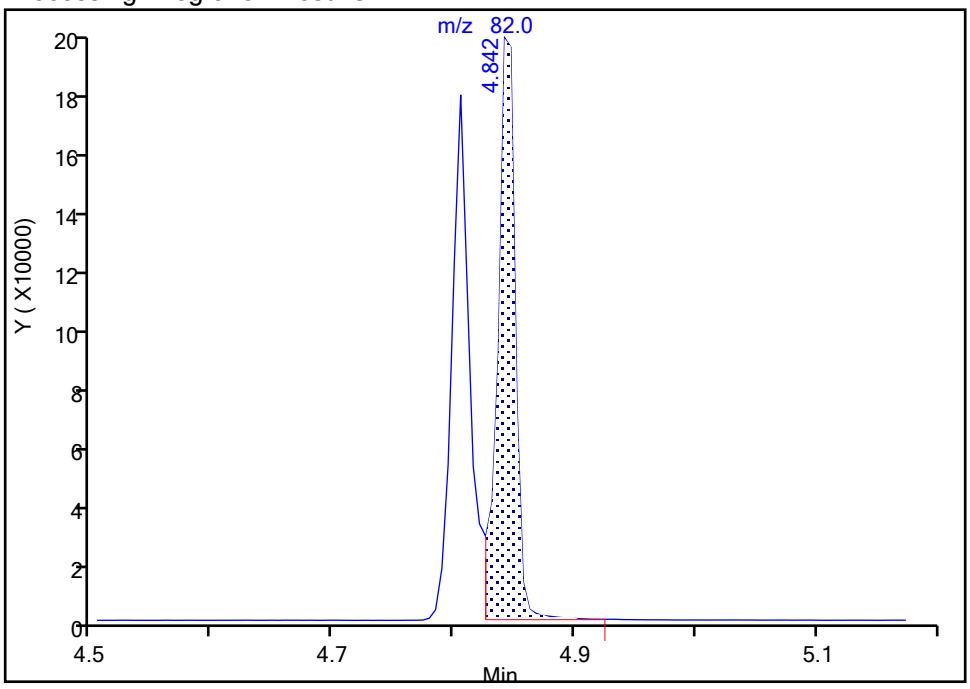
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 6 Nitrobenzene-d5, CAS: 4165-60-0

Signal: 1

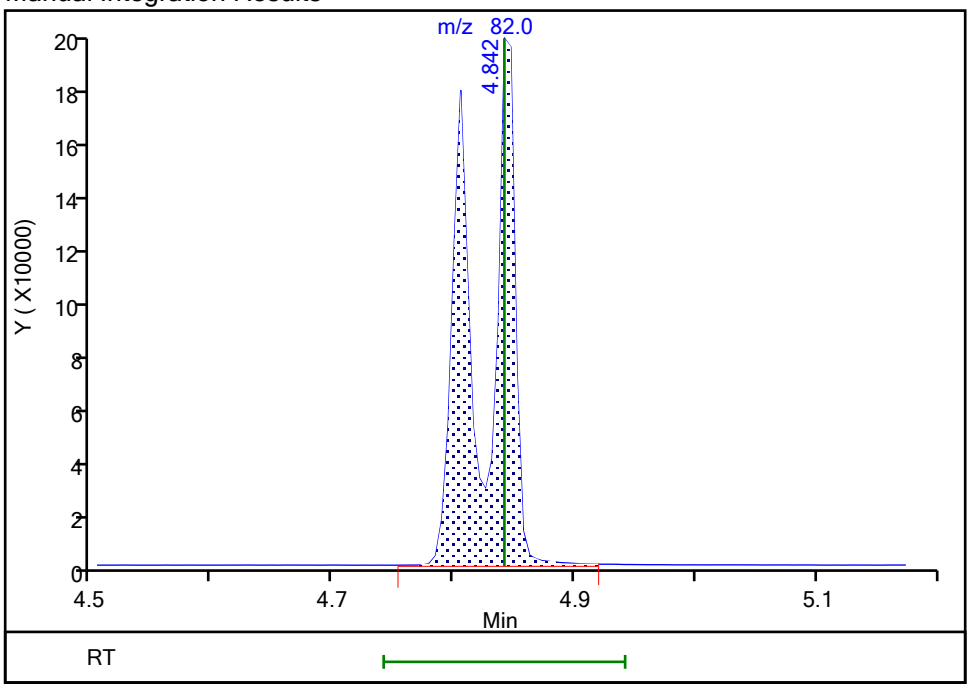
Processing Integration Results

RT: 4.84
Area: 198458
Amount: 1.241408
Amount Units: ug/ml



Manual Integration Results

RT: 4.84
Area: 374796
Amount: 1.095075
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:38:32 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

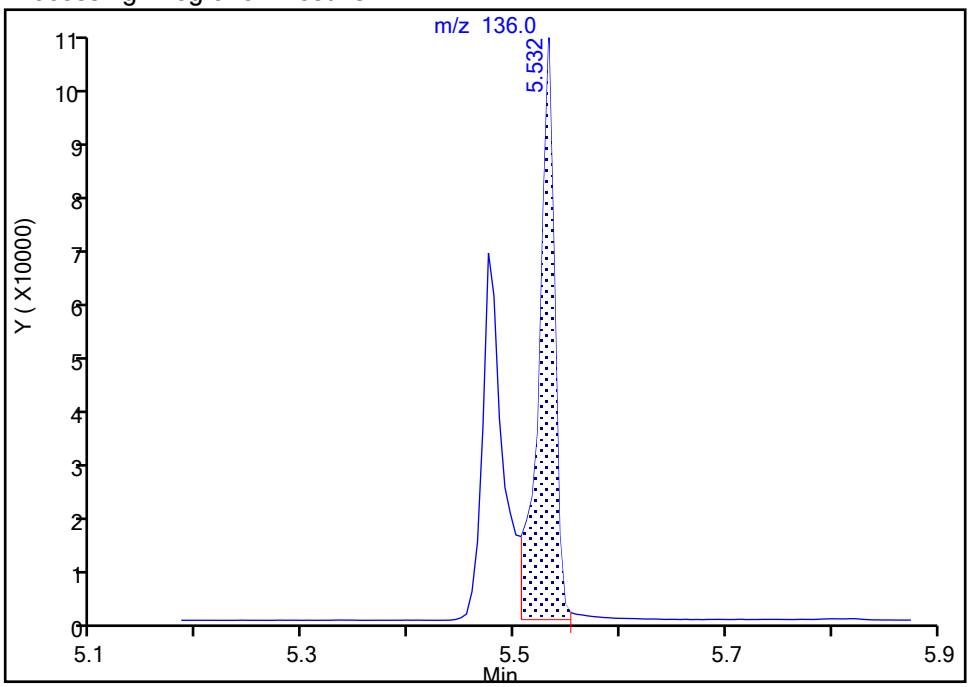
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D				
Injection Date:	05-Jun-2025 08:59:30	Instrument ID:	CBNAMS2		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 7 Naphthalene-d8, CAS: 1146-65-2

Signal: 1

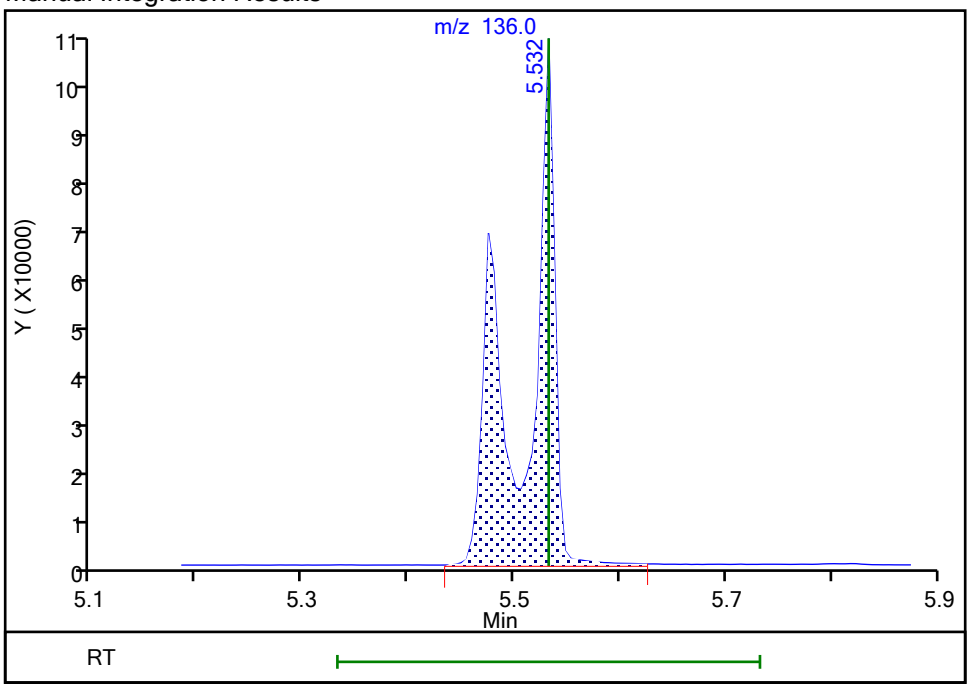
Processing Integration Results

RT: 5.53
Area: 112964
Amount: 0.200000
Amount Units: ug/ml



Manual Integration Results

RT: 5.53
Area: 204187
Amount: 0.200000
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:38:44 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

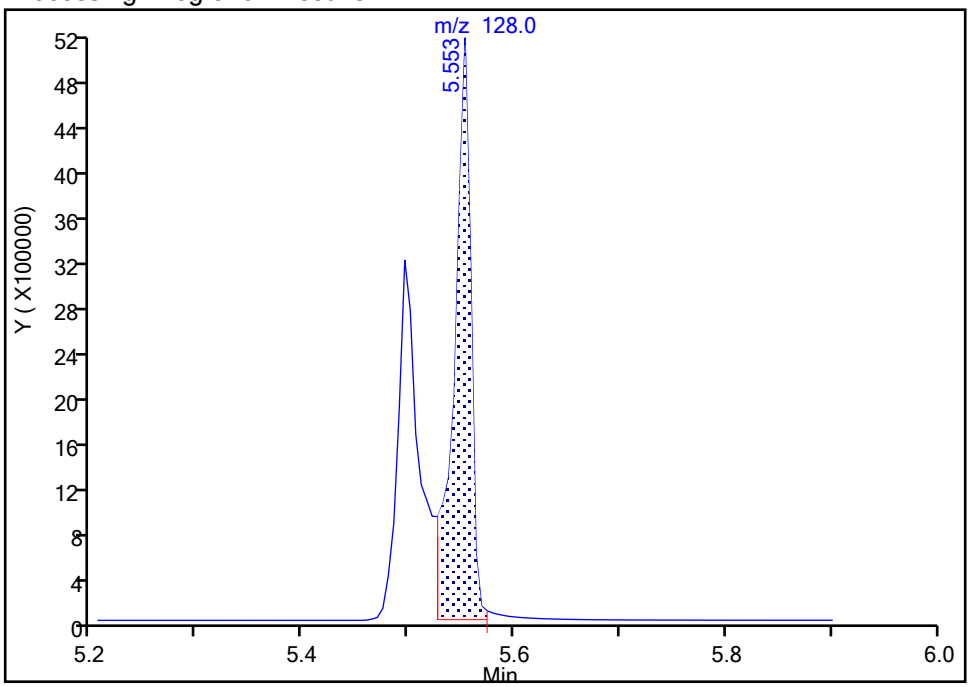
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

8 Naphthalene, CAS: 91-20-3

Signal: 1

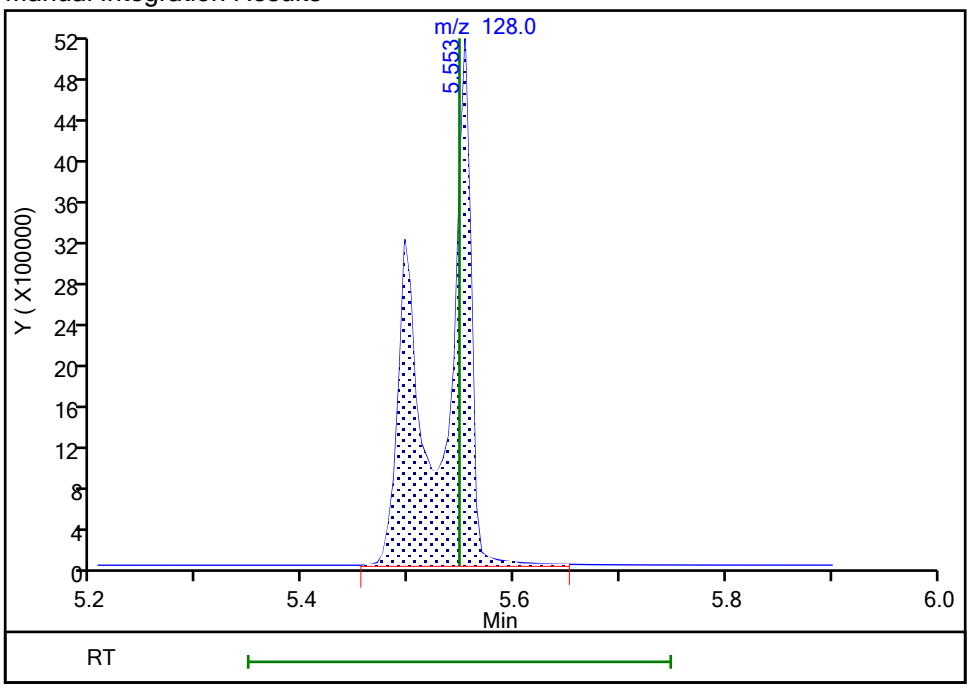
Processing Integration Results

RT: 5.55
Area: 5701738
Amount: 5.535606
Amount Units: ug/ml



Manual Integration Results

RT: 5.55
Area: 10237434
Amount: 9.475525
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:38:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

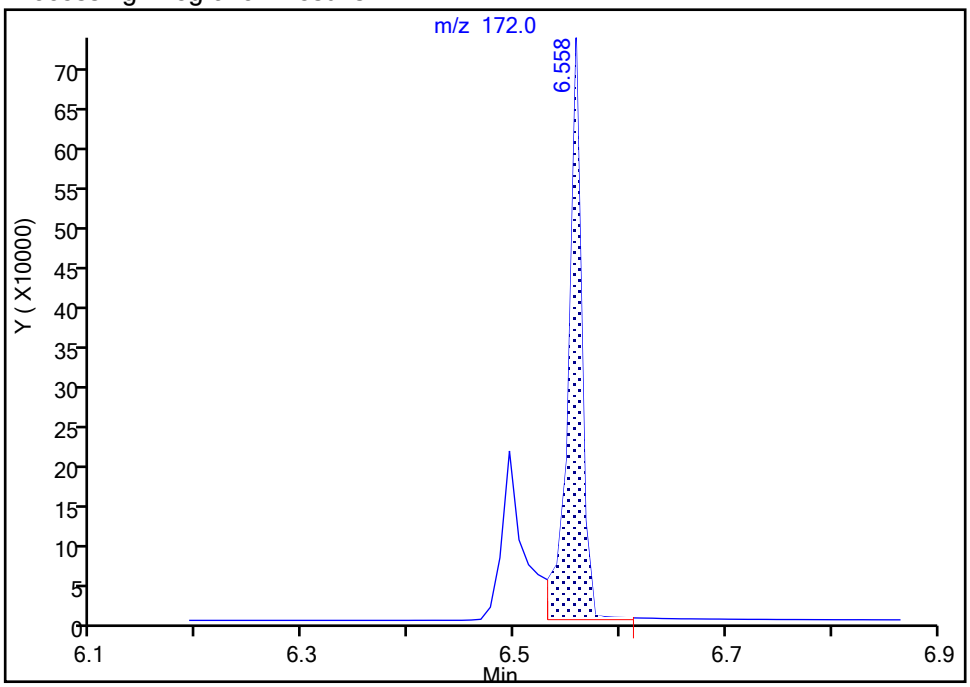
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 9 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

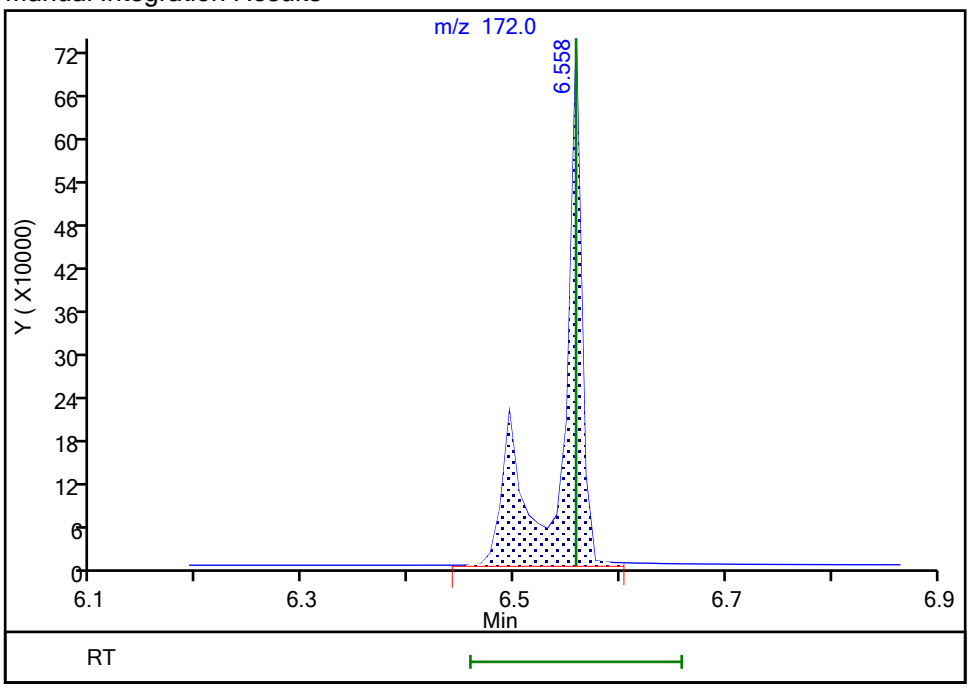
Processing Integration Results

RT: 6.56
Area: 651497
Amount: 0.885540
Amount Units: ug/ml



Manual Integration Results

RT: 6.56
Area: 942951
Amount: 1.076984
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:38:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

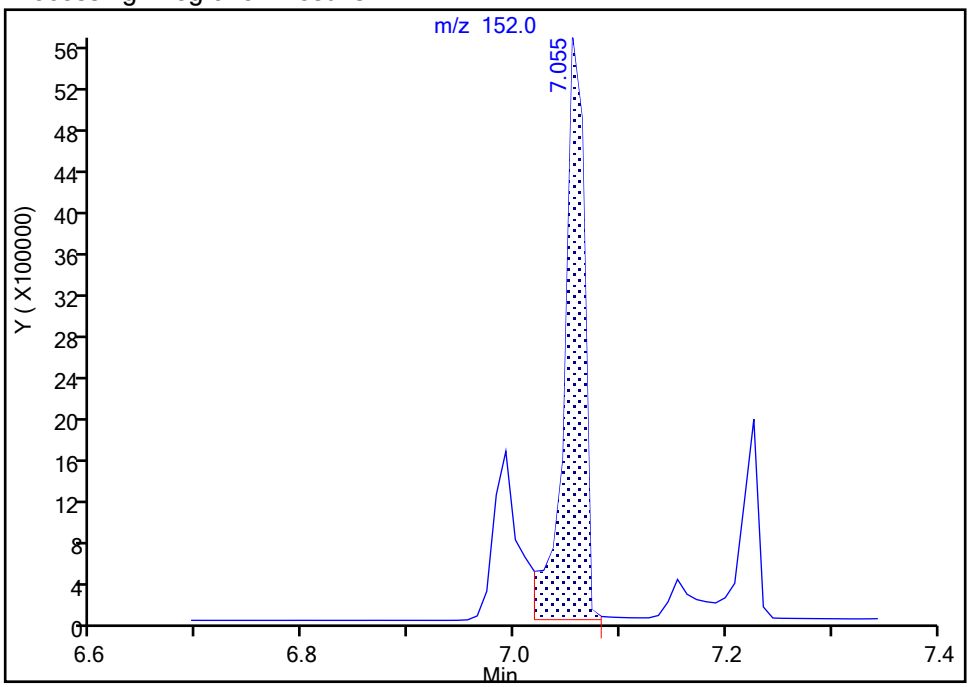
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D				
Injection Date:	05-Jun-2025 08:59:30	Instrument ID:	CBNAMS2		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

10 Acenaphthylene, CAS: 208-96-8

Signal: 1

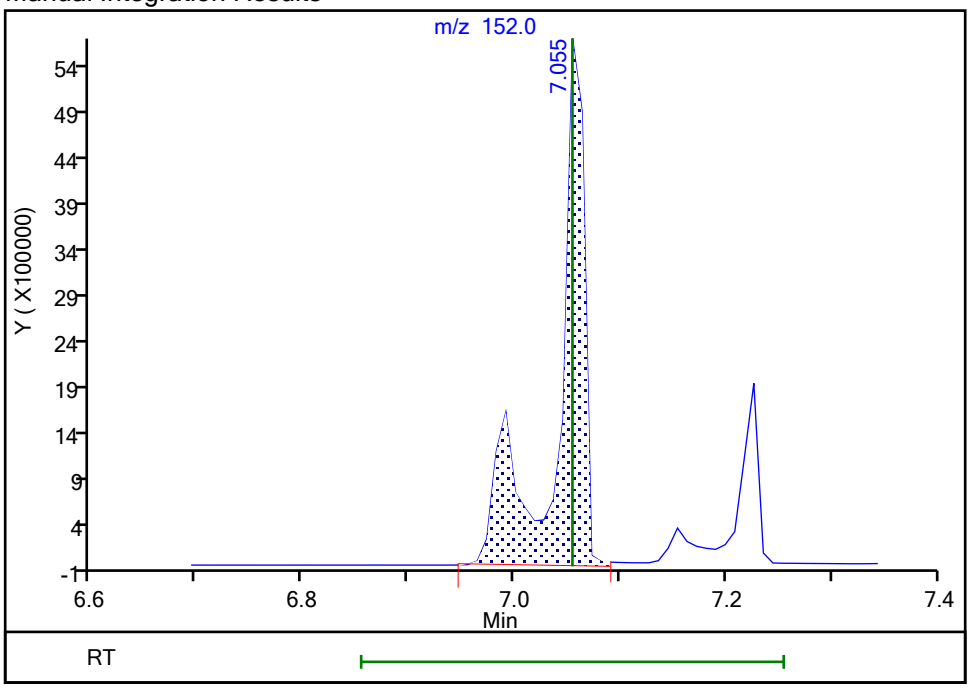
Processing Integration Results

RT: 7.05
Area: 7476591
Amount: 8.982016
Amount Units: ug/ml



Manual Integration Results

RT: 7.05
Area: 9979920
Amount: 9.591552
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:39:02 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

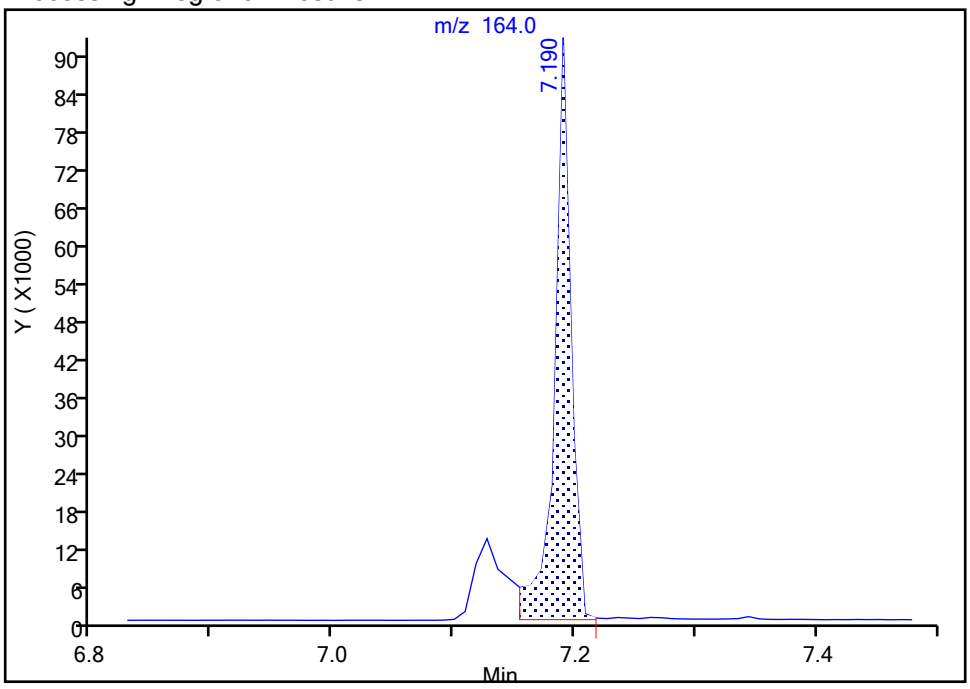
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

* 11 Acenaphthene-d10, CAS: 15067-26-2

Signal: 1

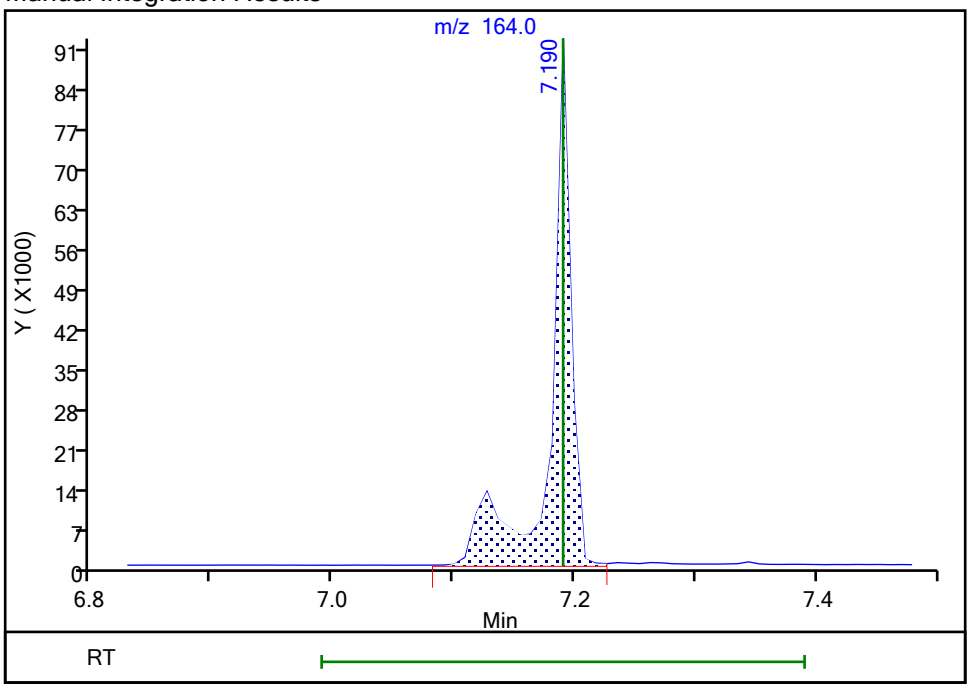
Processing Integration Results

RT: 7.19
Area: 87522
Amount: 0.200000
Amount Units: ug/ml



Manual Integration Results

RT: 7.19
Area: 108579
Amount: 0.200000
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:39:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

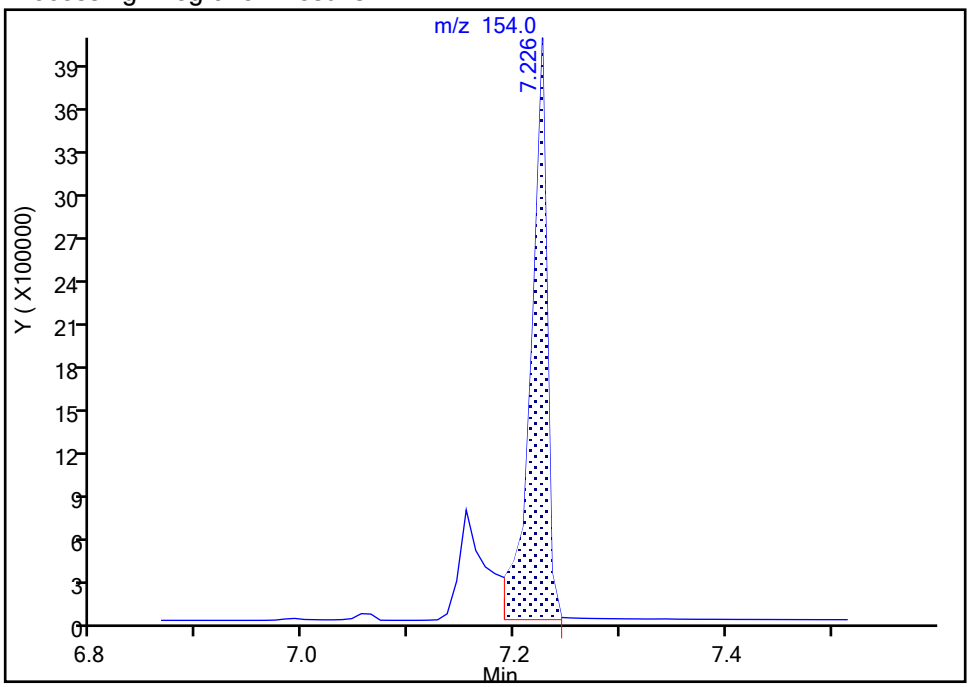
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

12 Acenaphthene, CAS: 83-32-9

Signal: 1

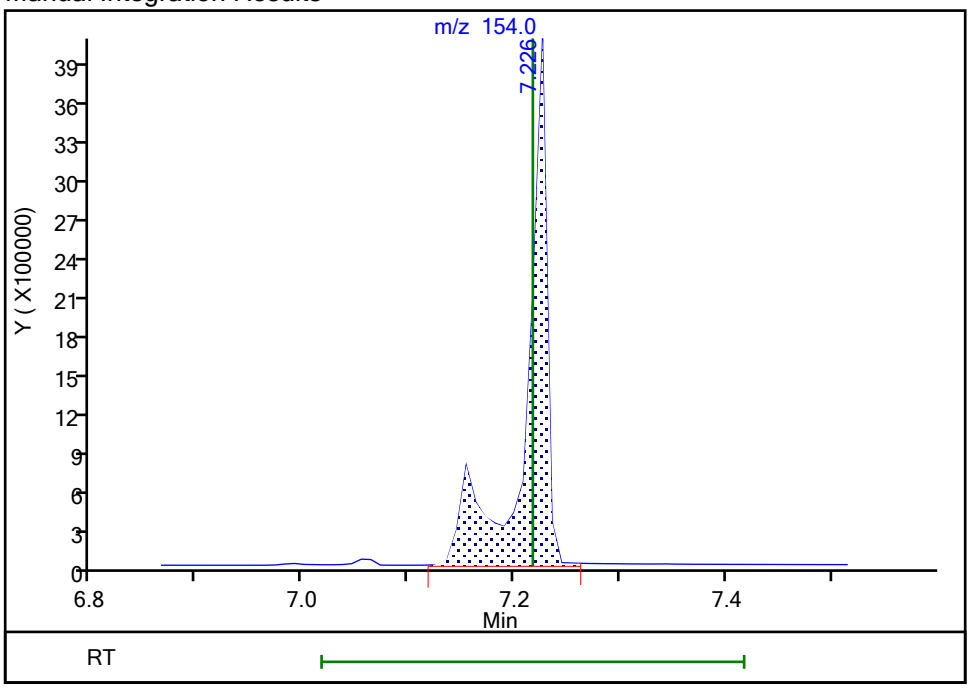
Processing Integration Results

RT: 7.23
Area: 4217287
Amount: 7.214878
Amount Units: ug/ml



Manual Integration Results

RT: 7.23
Area: 5455991
Amount: 9.119311
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:39:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

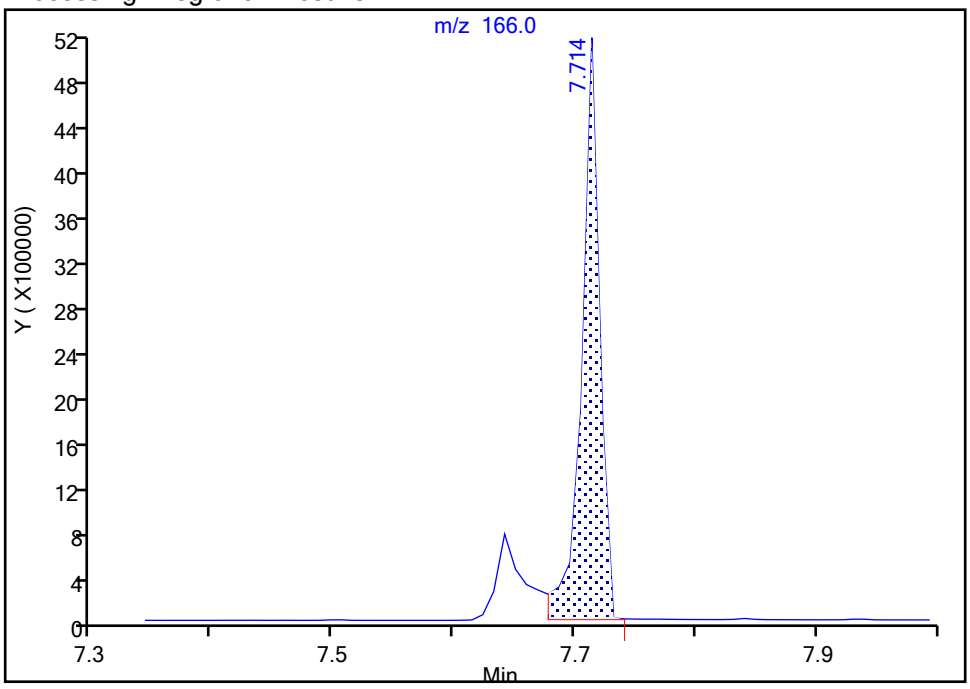
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D				
Injection Date:	05-Jun-2025 08:59:30	Instrument ID:	CBNAMS2		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7

Signal: 1

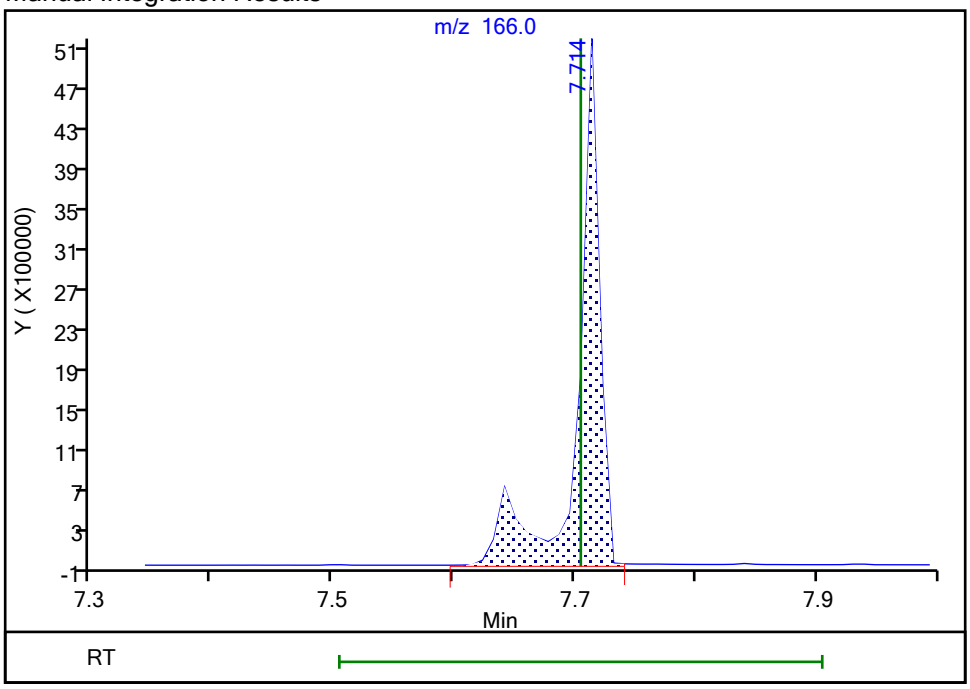
Processing Integration Results

RT: 7.71
Area: 5295139
Amount: 7.573426
Amount Units: ug/ml



Manual Integration Results

RT: 7.71
Area: 6439786
Amount: 9.046017
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:39:23 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

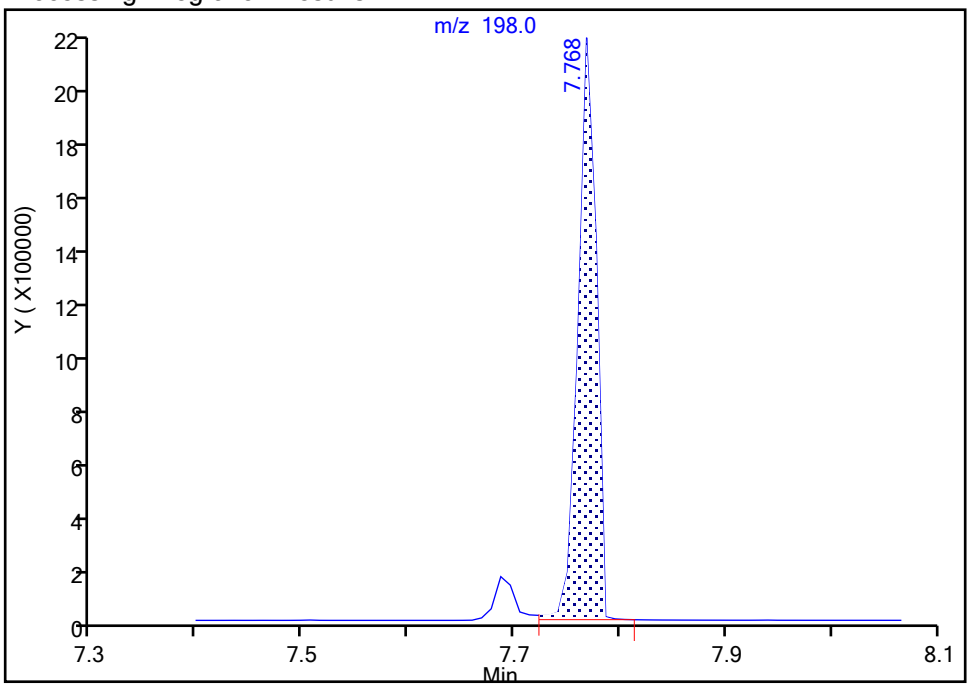
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

14 4,6-Dinitro-2-methylphenol, CAS: 534-52-1

Signal: 1

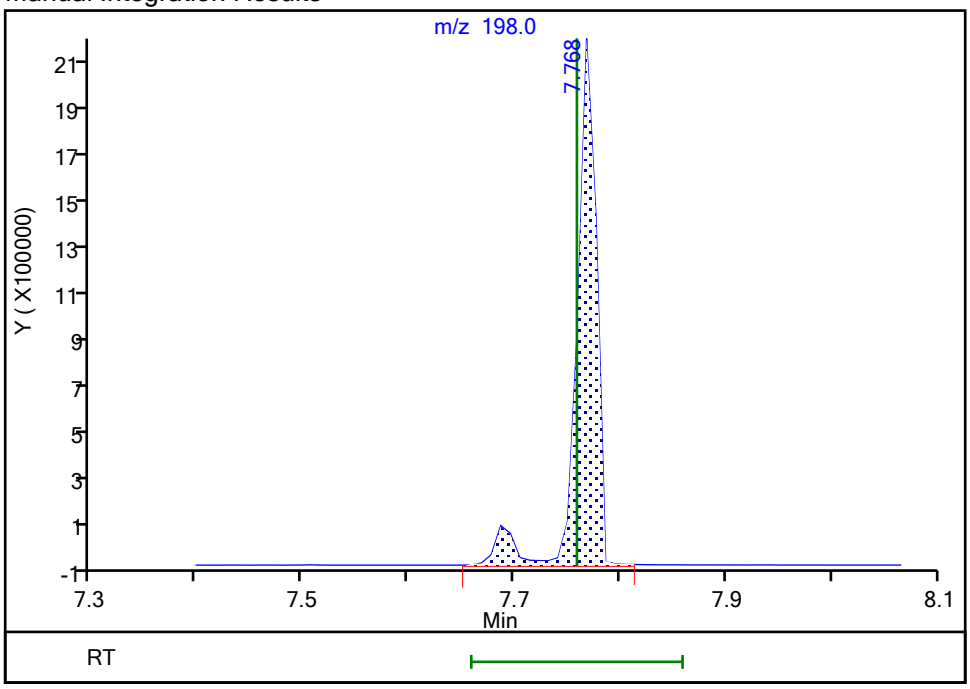
Processing Integration Results

RT: 7.77
Area: 2550412
Amount: 19.963957
Amount Units: ug/ml



Manual Integration Results

RT: 7.77
Area: 2767365
Amount: 10.739097
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:39:29 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

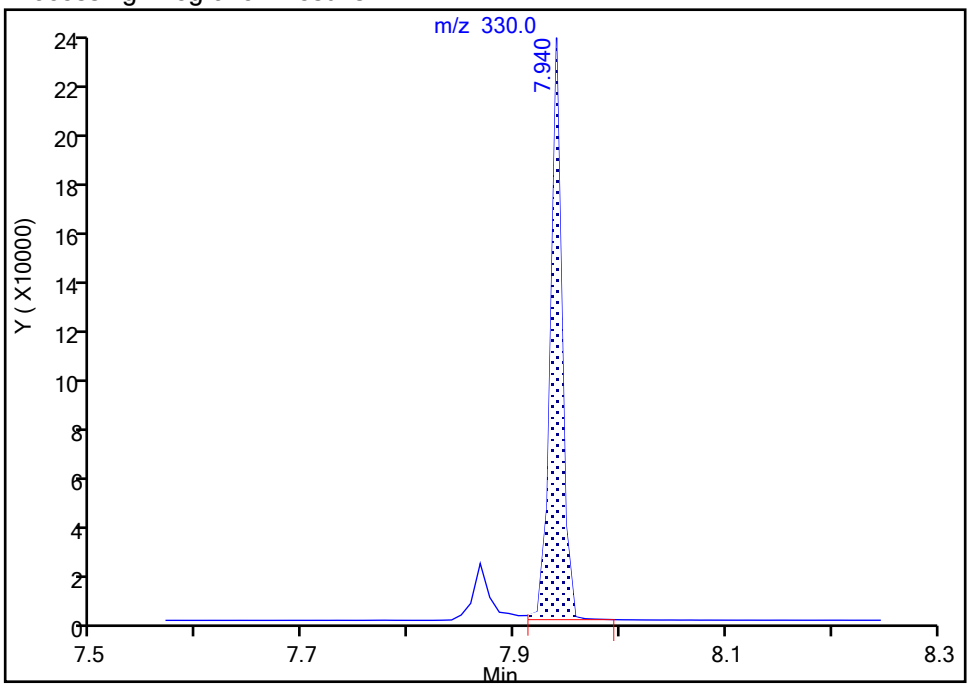
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 20 2,4,6-Tribromophenol, CAS: 118-79-6

Signal: 1

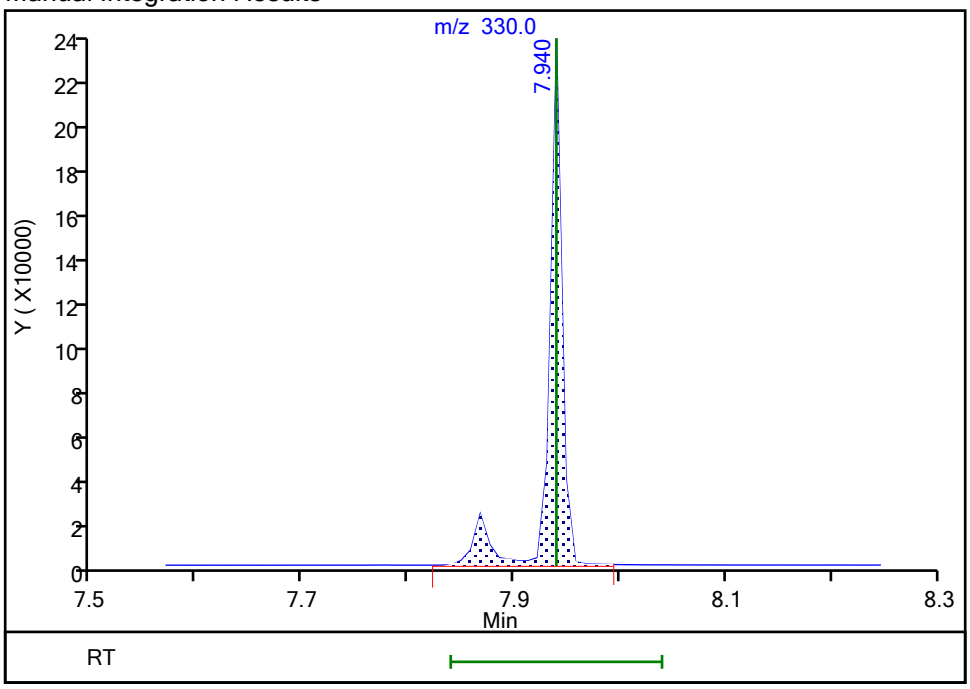
Processing Integration Results

RT: 7.94
Area: 177304
Amount: 1.028237
Amount Units: ug/ml



Manual Integration Results

RT: 7.94
Area: 204349
Amount: 1.162291
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:39:37 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

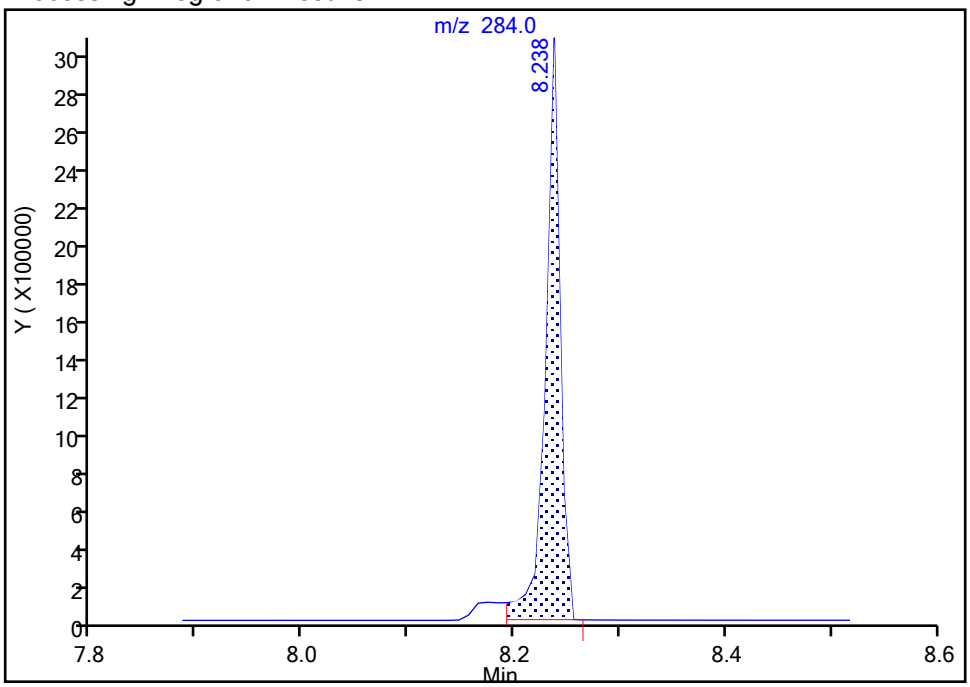
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D				
Injection Date:	05-Jun-2025 08:59:30	Instrument ID:	CBNAMS2		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

15 Hexachlorobenzene, CAS: 118-74-1

Signal: 1

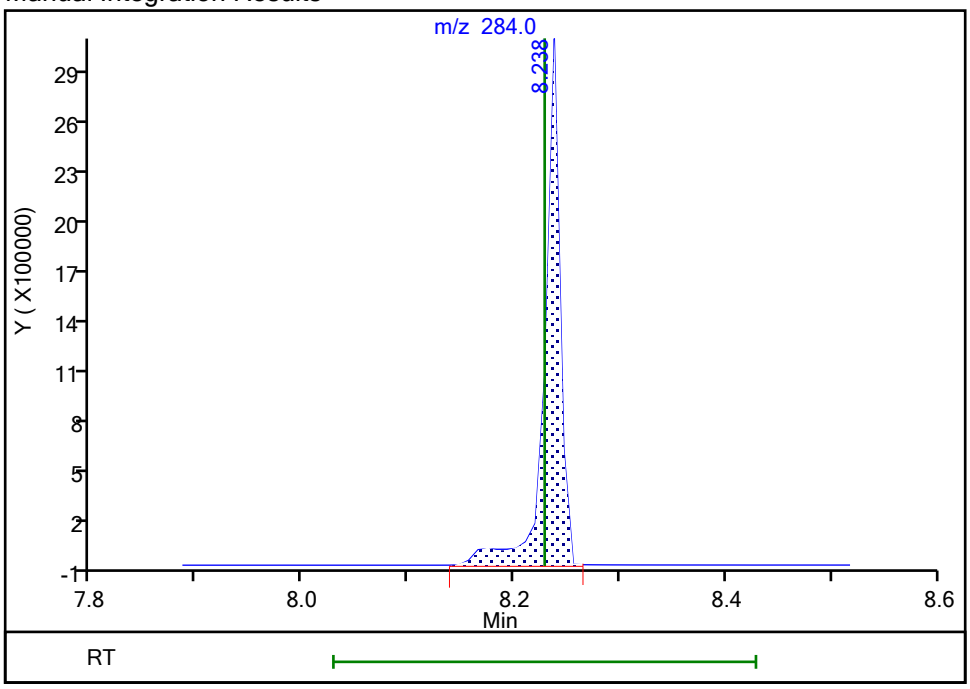
Processing Integration Results

RT: 8.24
Area: 2891688
Amount: 9.618685
Amount Units: ug/ml



Manual Integration Results

RT: 8.24
Area: 3058337
Amount: 9.337663
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:39:44 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

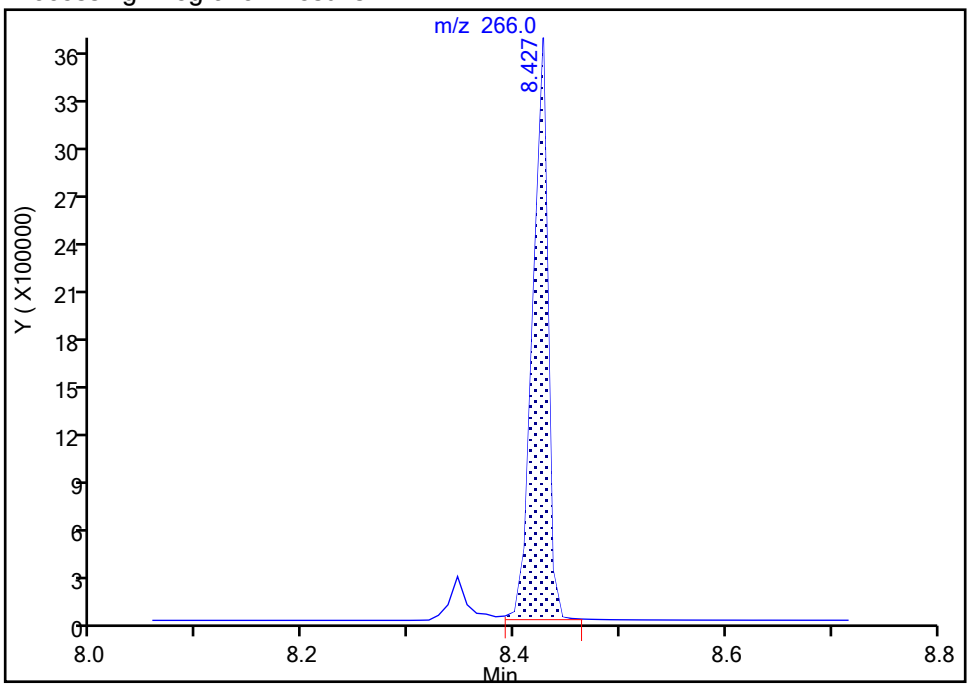
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

16 Pentachlorophenol, CAS: 87-86-5

Signal: 1

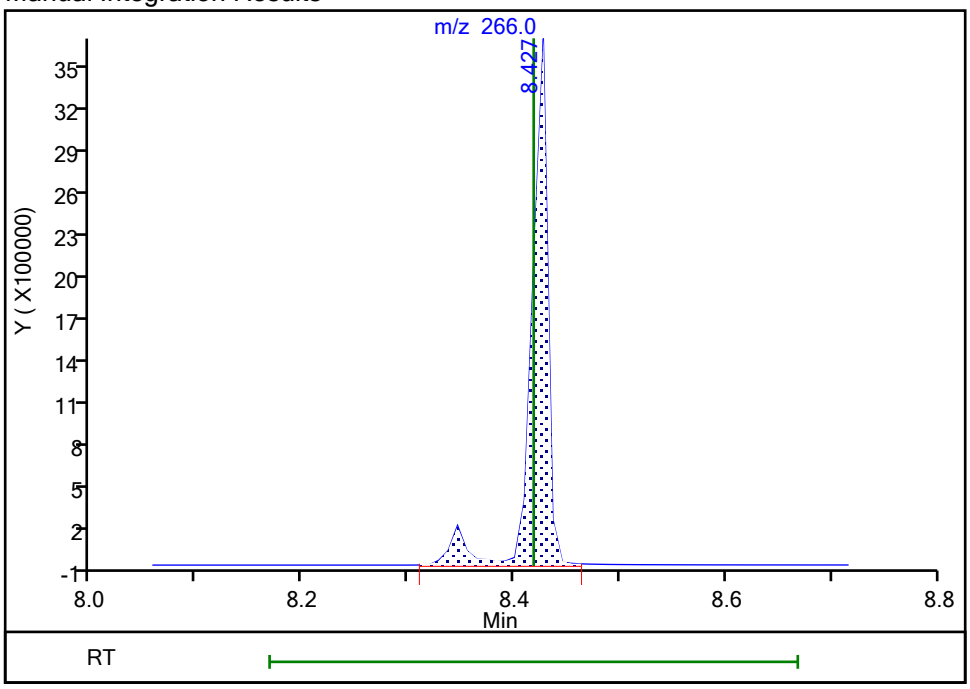
Processing Integration Results

RT: 8.43
Area: 3651086
Amount: 20.035904
Amount Units: ug/ml



Manual Integration Results

RT: 8.43
Area: 3993700
Amount: 10.590927
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:39:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

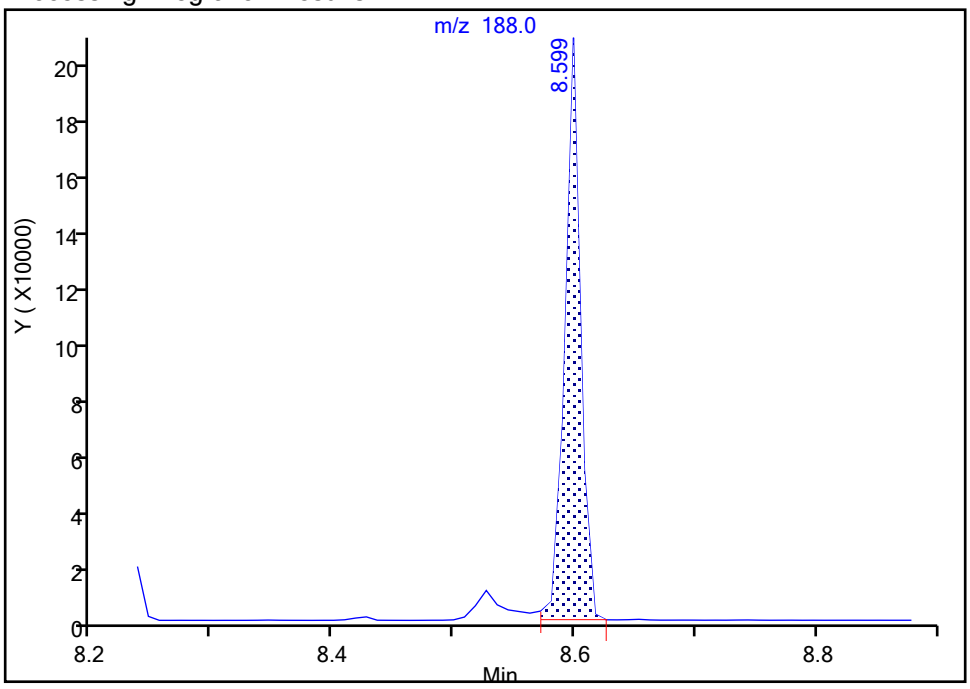
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

* 17 Phenanthrene-d10, CAS: 1517-22-2

Signal: 1

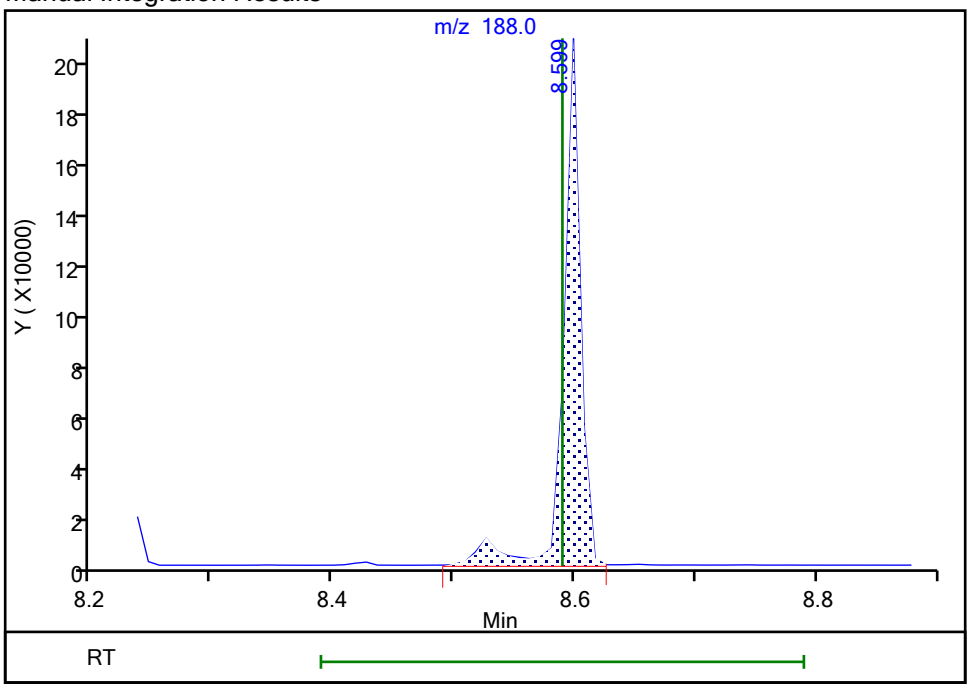
Processing Integration Results

RT: 8.60
Area: 182772
Amount: 0.200000
Amount Units: ug/ml



Manual Integration Results

RT: 8.60
Area: 199819
Amount: 0.200000
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:39:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

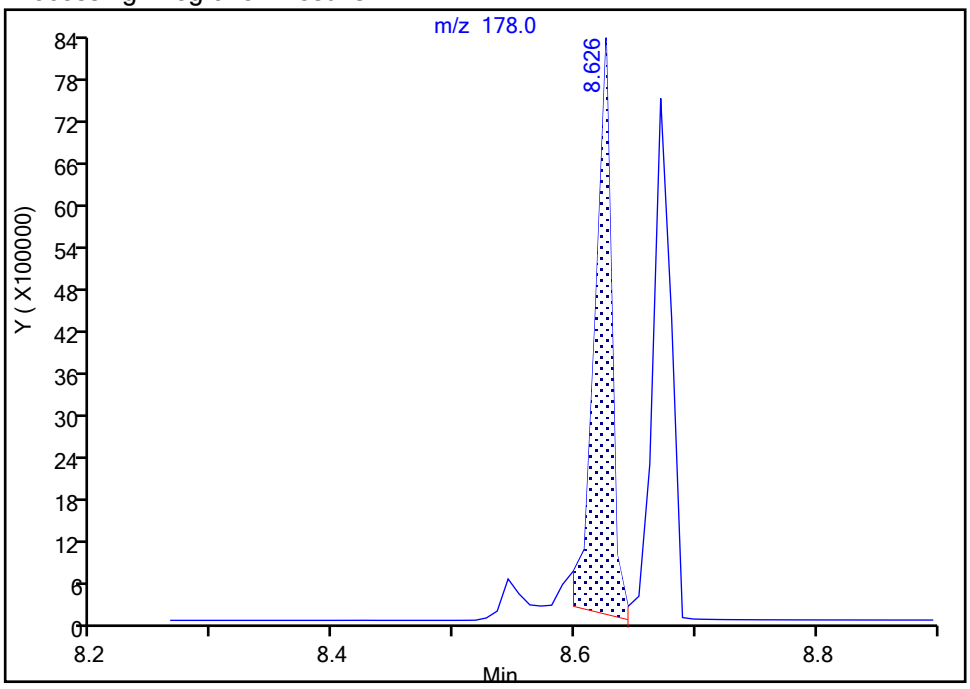
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

18 Phenanthrene, CAS: 85-01-8

Signal: 1

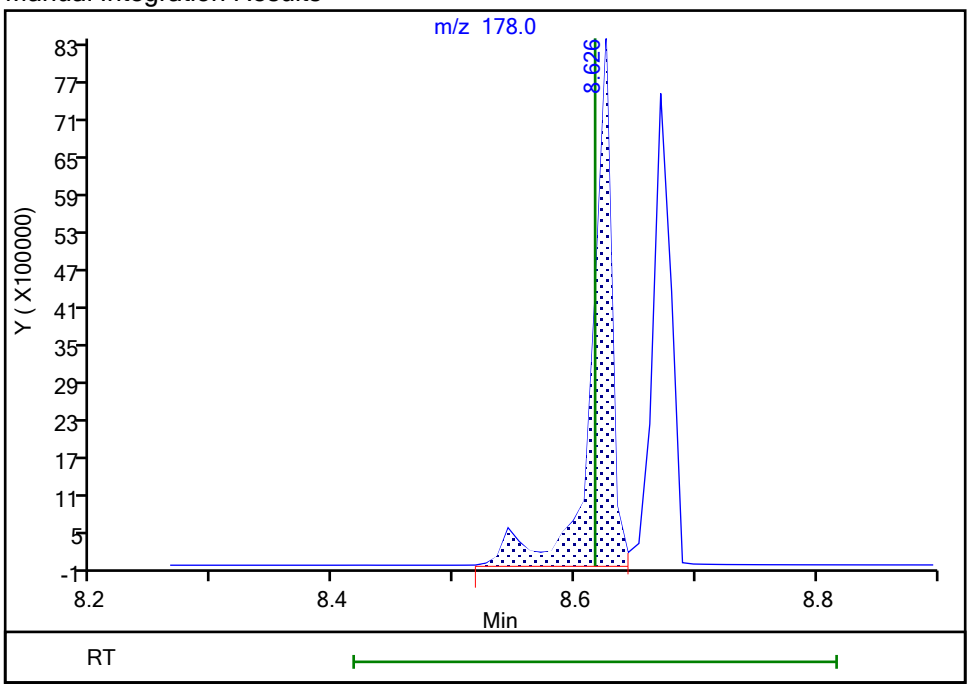
Processing Integration Results

RT: 8.63
Area: 8151834
Amount: 7.347205
Amount Units: ug/ml



Manual Integration Results

RT: 8.63
Area: 9734007
Amount: 8.636370
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:40:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

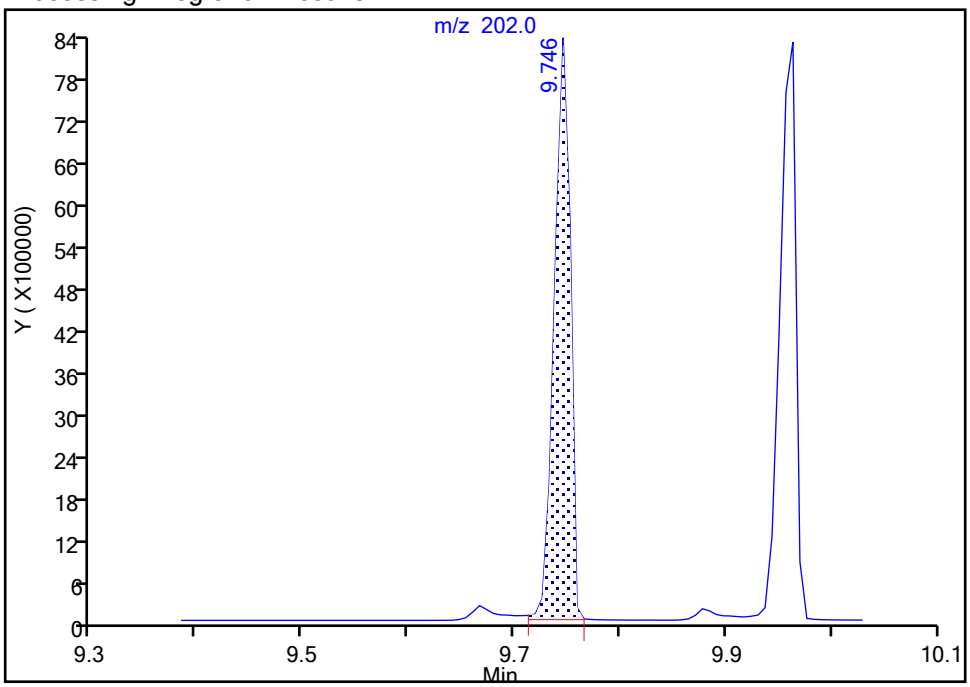
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

21 Fluoranthene, CAS: 206-44-0

Signal: 1

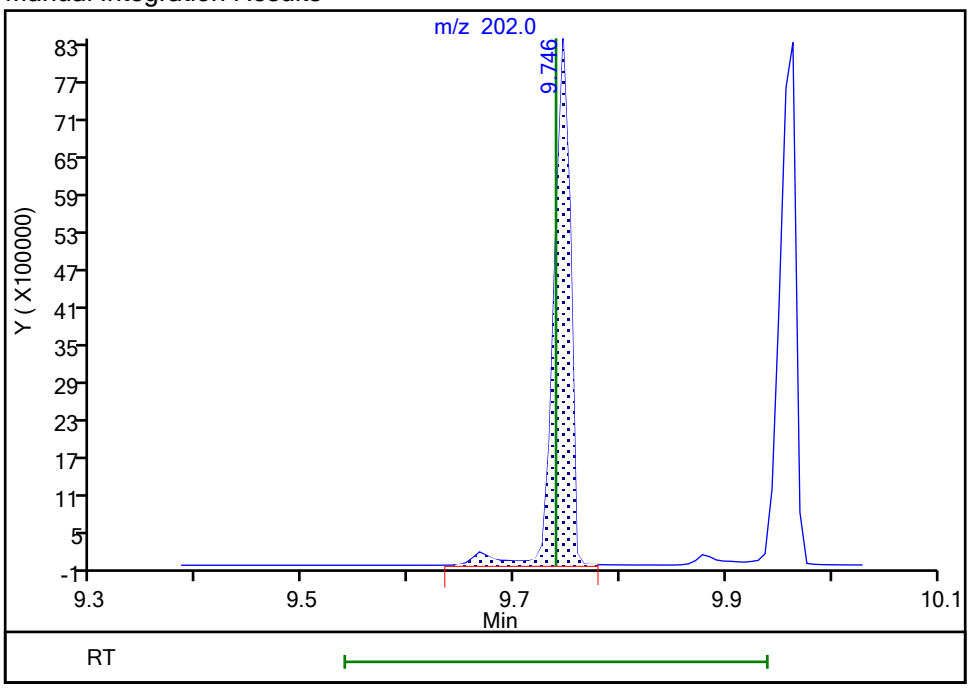
Processing Integration Results

RT: 9.75
Area: 8759835
Amount: 7.898481
Amount Units: ug/ml



Manual Integration Results

RT: 9.75
Area: 9211335
Amount: 8.268185
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:40:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

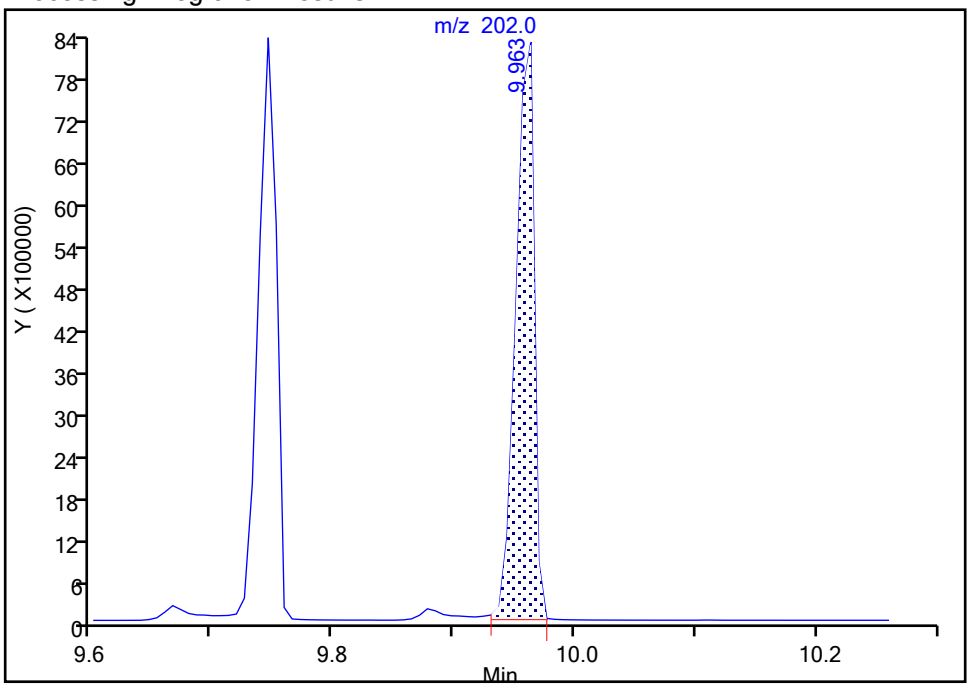
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D				
Injection Date:	05-Jun-2025 08:59:30	Instrument ID:	CBNAMS2		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

22 Pyrene, CAS: 129-00-0

Signal: 1

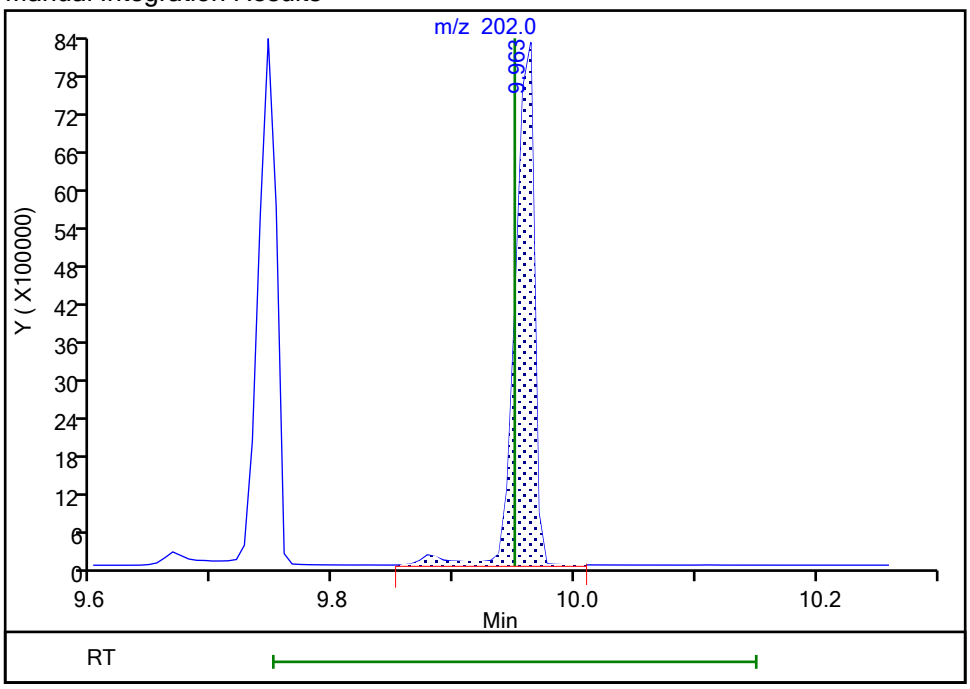
Processing Integration Results

RT: 9.96
Area: 8765165
Amount: 7.882759
Amount Units: ug/ml



Manual Integration Results

RT: 9.96
Area: 9180611
Amount: 8.222248
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:40:30 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

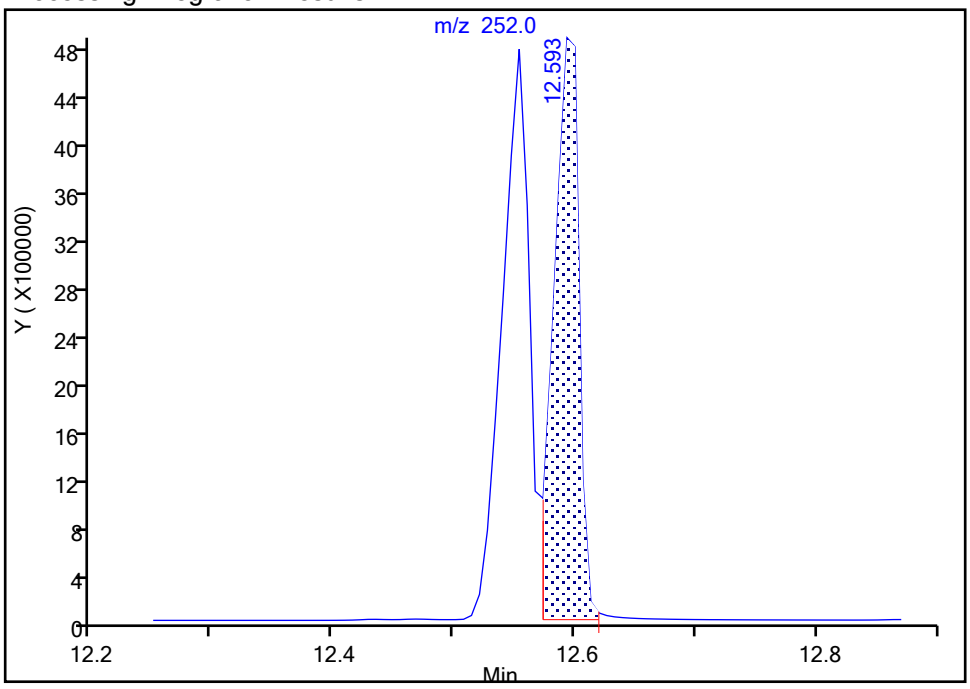
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D				
Injection Date:	05-Jun-2025 08:59:30	Instrument ID:	CBNAMS2		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

27 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

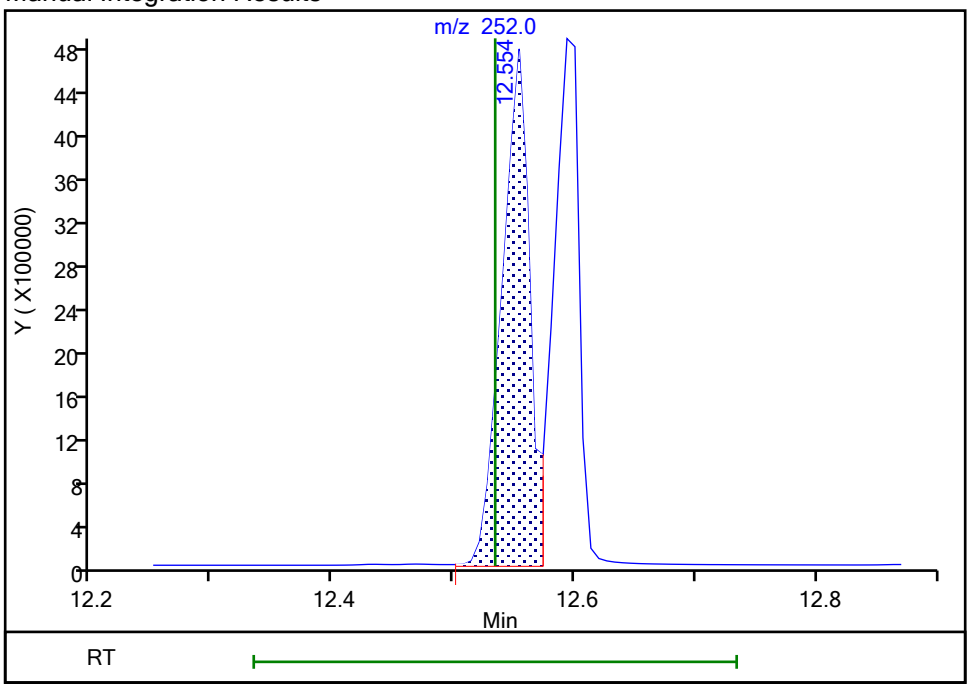
Processing Integration Results

RT: 12.59
Area: 7017888
Amount: 9.002056
Amount Units: ug/ml



Manual Integration Results

RT: 12.55
Area: 7690855
Amount: 9.410166
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 09:40:24 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

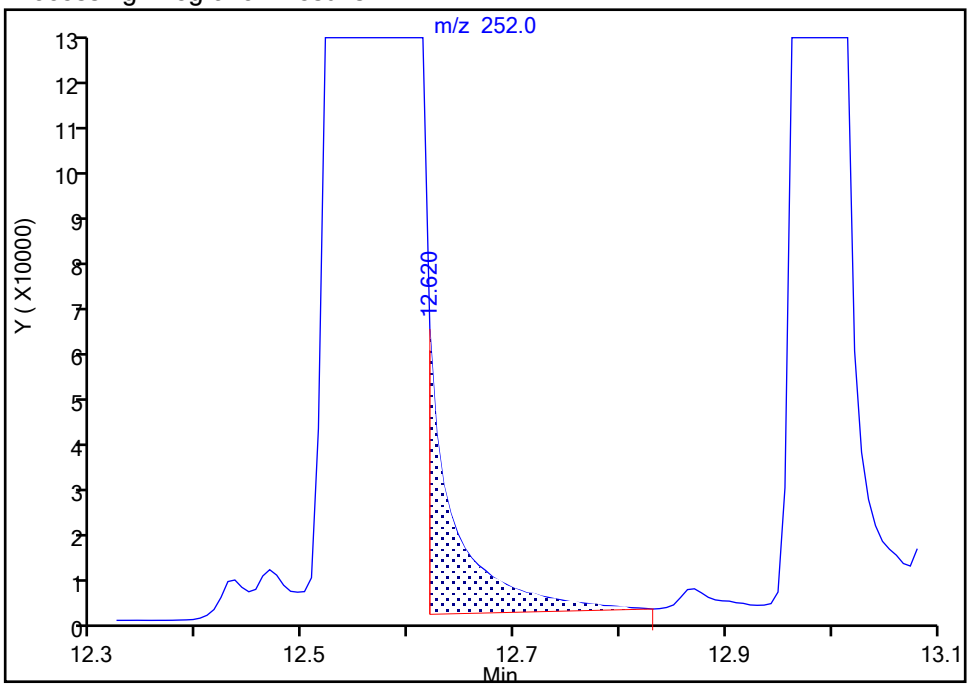
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

28 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

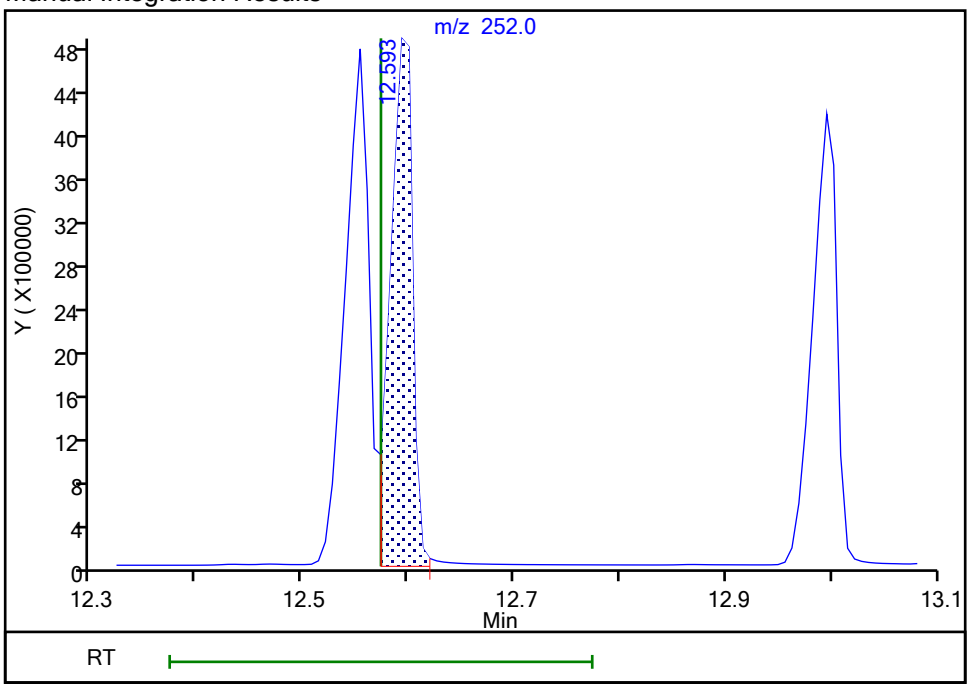
Processing Integration Results

RT: 12.62
Area: 106006
Amount: 0.243028
Amount Units: ug/ml



Manual Integration Results

RT: 12.59
Area: 7017888
Amount: 8.753618
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 09:40:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

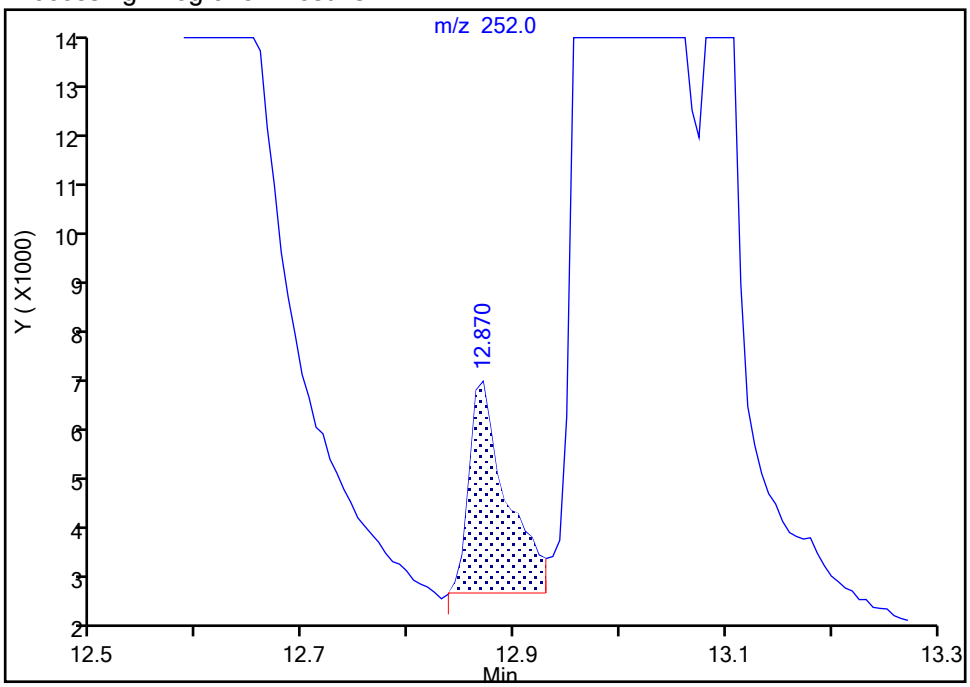
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18403.D
Injection Date: 05-Jun-2025 08:59:30 Instrument ID: CBNAMS2
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

29 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

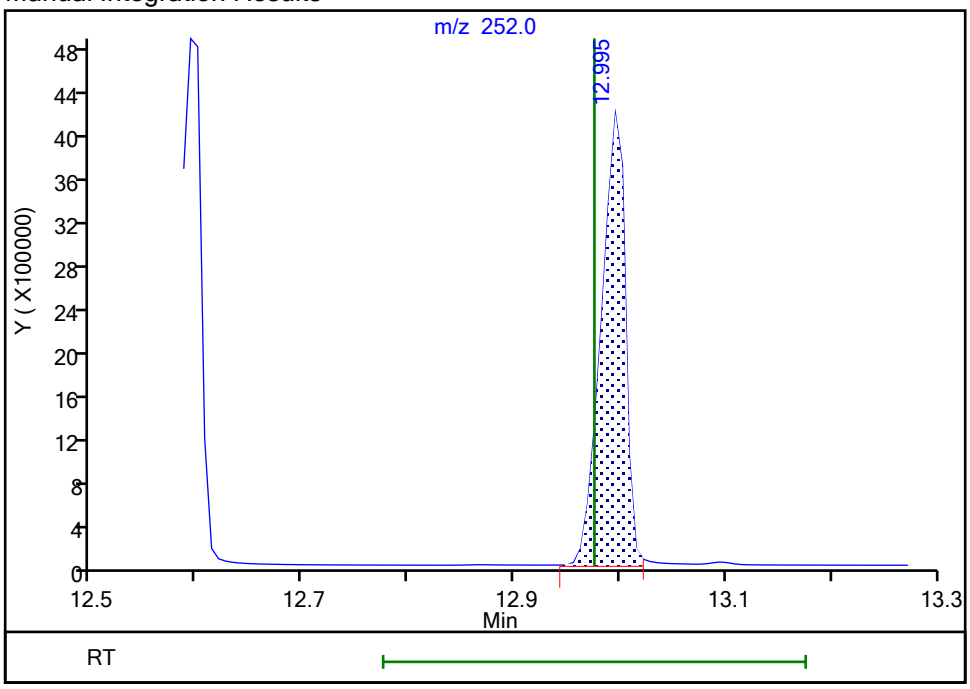
Processing Integration Results

RT: 12.87
Area: 10414
Amount: 0.030729
Amount Units: ug/ml



Manual Integration Results

RT: 13.00
Area: 6571316
Amount: 10.000356
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 09:40:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18404.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 05-Jun-2025 09:20:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191796-004
Operator ID: Instrument ID: CBNAMS2
Sublist: chrom-SIM_BNA2*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 05-Jun-2025 14:00:35 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: QQ8R Date: 05-Jun-2025 09:42:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.141	2.115	0.026	95	1391205	10.0	9.71	
2 N-Nitrosodimethylamine	74	2.302	2.266	0.036	87	1067111	5.00	5.19	
3 Bis(2-chloroethyl)ether	93	4.078	4.073	0.005	89	1613895	5.00	4.73	
* 5 1,4-Dichlorobenzene-d4	150	4.333	4.327	0.006	99	105613	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.847	4.842	0.005	97	401884	1.00	1.15	
* 7 Naphthalene-d8	136	5.532	5.532	0.000	71	208784	0.2000	0.2000	
8 Naphthalene	128	5.553	5.548	0.005	100	5277115	5.00	4.78	
$ 9 2-Fluorobiphenyl	172	6.558	6.558	0.000	95	1054564	1.00	1.18	
10 Acenaphthylene	152	7.055	7.055	0.000	100	5154656	5.00	4.84	
* 11 Acenaphthene-d10	164	7.190	7.190	0.000	97	111109	0.2000	0.2000	
12 Acenaphthene	154	7.226	7.217	0.009	98	2890098	5.00	4.72	
13 Fluorene	166	7.714	7.705	0.009	97	3483753	5.00	4.78	
14 4,6-Dinitro-2-methylphenol	198	7.768	7.759	0.009	77	1355090	10.0	7.17	
$ 20 2,4,6-Tribromophenol	330	7.940	7.940	0.000	90	223949	1.00	1.24	
15 Hexachlorobenzene	284	8.238	8.228	0.010	100	1656646	5.00	4.96	
16 Pentachlorophenol	266	8.418	8.418	0.000	92	1938123	10.0	6.78	
* 17 Phenanthrene-d10	188	8.599	8.590	0.009	100	203882	0.2000	0.2000	
18 Phenanthrene	178	8.617	8.617	0.000	85	5161546	5.00	4.49	
19 Anthracene	178	8.671	8.662	0.009	100	4989037	5.00	4.87	
21 Fluoranthene	202	9.746	9.739	0.007	95	5469379	5.00	4.81	
22 Pyrene	202	9.957	9.950	0.007	98	5276862	5.00	4.71	
$ 23 Terphenyl-d14	244	10.115	10.115	0.000	94	883581	1.00	1.17	
24 Benzo[a]anthracene	228	11.196	11.189	0.007	33	4466077	5.00	5.16	
* 25 Chrysene-d12	240	11.209	11.202	0.007	43	119765	0.2000	0.2000	
26 Chrysene	228	11.236	11.229	0.007	99	4165332	5.00	4.88	
27 Benzo[b]fluoranthene	252	12.547	12.534	0.013	56	4407212	5.00	5.51	
28 Benzo[k]fluoranthene	252	12.587	12.573	0.014	100	4109509	5.00	5.24	
29 Benzo[a]pyrene	252	12.989	12.976	0.013	12	3811624	5.00	5.93	
* 30 Perylene-d12	264	13.061	13.055	0.006	99	113949	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.597	14.584	0.013	89	3500013	5.00	6.28	
32 Dibenz(a,h)anthracene	278	14.643	14.630	0.013	95	3466520	5.00	6.43	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	15.019	14.992	0.027	77	3730886	5.00	5.75	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL8_00003 Amount Added: 1.00 Units: mL

Report Date: 05-Jun-2025 14:00:35 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18404.D

Injection Date: 05-Jun-2025 09:20:30 Instrument ID: CBNAMS2

Lims ID: STD8

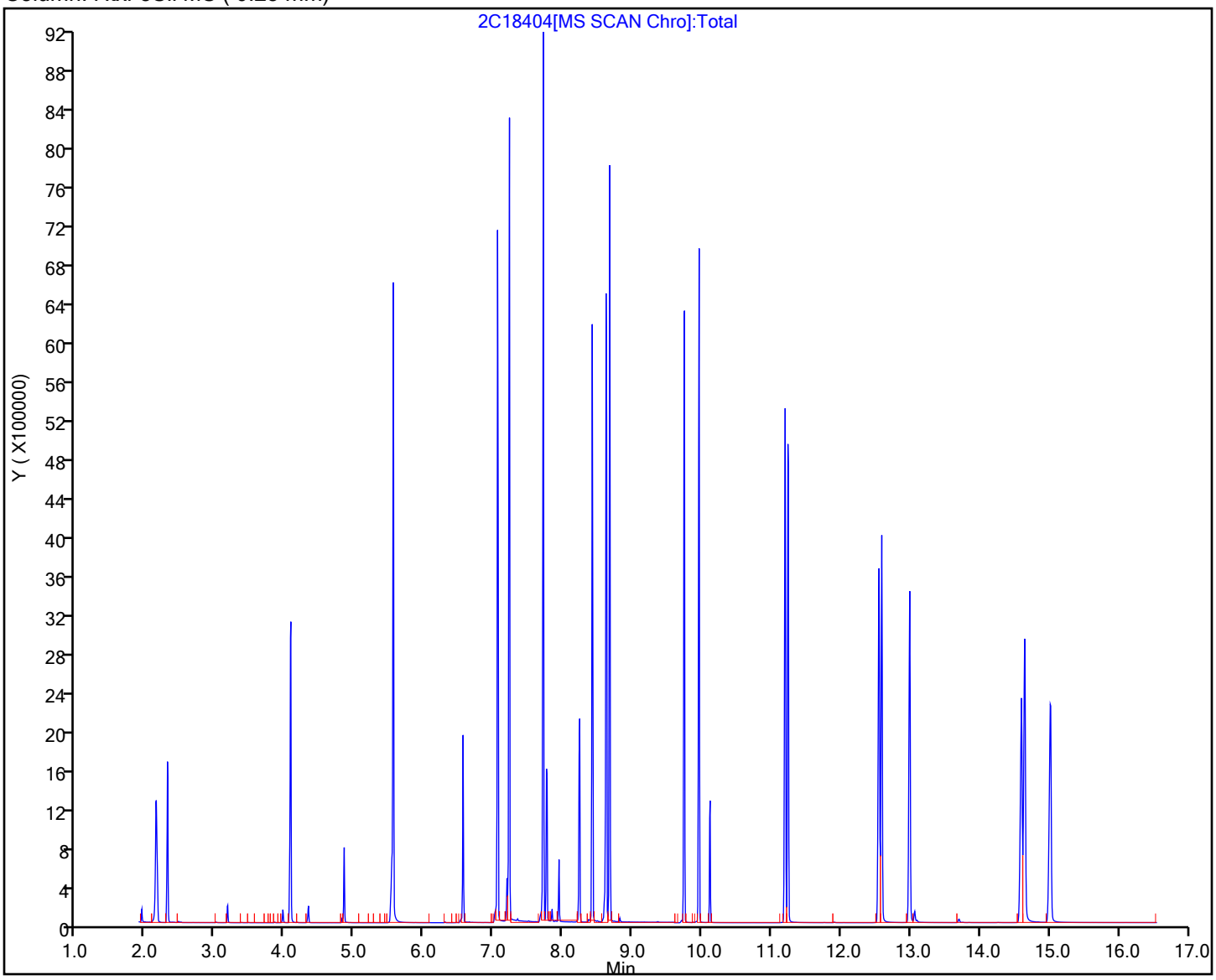
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18405.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 05-Jun-2025 09:41:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191796-005
Operator ID: Instrument ID: CBNAMS2
Sublist: chrom-SIM_BNA2*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 05-Jun-2025 14:00:36 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: QQ8R Date: 05-Jun-2025 10:05:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.084	2.115	-0.031	92	562474	4.00	3.98	
2 N-Nitrosodimethylamine	74	2.235	2.266	-0.031	84	460053	2.00	2.27	
3 Bis(2-chloroethyl)ether	93	4.073	4.073	0.000	89	686764	2.00	2.04	
* 5 1,4-Dichlorobenzene-d4	150	4.328	4.327	0.001	99	104176	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.842	4.842	0.000	99	379171	1.00	1.09	
* 7 Naphthalene-d8	136	5.533	5.532	0.001	100	208062	0.2000	0.2000	
8 Naphthalene	128	5.554	5.548	0.006	100	2112839	2.00	1.92	
$ 9 2-Fluorobiphenyl	172	6.559	6.558	0.001	95	924789	1.00	1.09	
10 Acenaphthylene	152	7.055	7.055	0.000	100	2068032	2.00	2.04	
* 11 Acenaphthene-d10	164	7.191	7.190	0.001	97	105555	0.2000	0.2000	
12 Acenaphthene	154	7.218	7.217	0.001	94	1108296	2.00	1.91	
13 Fluorene	166	7.714	7.705	0.009	98	1394819	2.00	2.02	
14 4,6-Dinitro-2-methylphenol	198	7.759	7.759	0.000	82	445814	4.00	3.97	
$ 20 2,4,6-Tribromophenol	330	7.940	7.940	0.000	89	192284	1.00	1.13	
15 Hexachlorobenzene	284	8.229	8.228	0.001	99	641966	2.00	2.10	
16 Pentachlorophenol	266	8.419	8.418	0.001	97	780359	4.00	3.98	
* 17 Phenanthrene-d10	188	8.590	8.590	0.000	100	186771	0.2000	0.2000	
18 Phenanthrene	178	8.617	8.617	0.000	82	2021149	2.00	1.92	
19 Anthracene	178	8.662	8.662	0.000	99	1931404	2.00	2.06	
21 Fluoranthene	202	9.740	9.739	0.001	95	2163806	2.00	2.08	
22 Pyrene	202	9.951	9.950	0.001	98	2133564	2.00	1.93	
$ 23 Terphenyl-d14	244	10.115	10.115	0.000	94	766192	1.00	1.03	
24 Benzo[a]anthracene	228	11.190	11.189	0.001	33	1667482	2.00	1.96	
* 25 Chrysene-d12	240	11.203	11.202	0.001	52	118025	0.2000	0.2000	
26 Chrysene	228	11.229	11.229	0.000	99	1638616	2.00	1.95	
27 Benzo[b]fluoranthene	252	12.541	12.534	0.007	64	1591826	2.00	2.04	
28 Benzo[k]fluoranthene	252	12.574	12.573	0.001	100	1656924	2.00	2.16	
29 Benzo[a]pyrene	252	12.983	12.976	0.007	1	1413571	2.00	2.25	
* 30 Perylene-d12	264	13.055	13.055	0.000	100	111280	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.584	14.584	0.000	89	1252310	2.00	2.30	
32 Dibenz(a,h)anthracene	278	14.637	14.630	0.007	93	1254948	2.00	2.38	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	15.000	14.992	0.008	77	1393231	2.00	2.20	

QC Flag Legend

Processing Flags

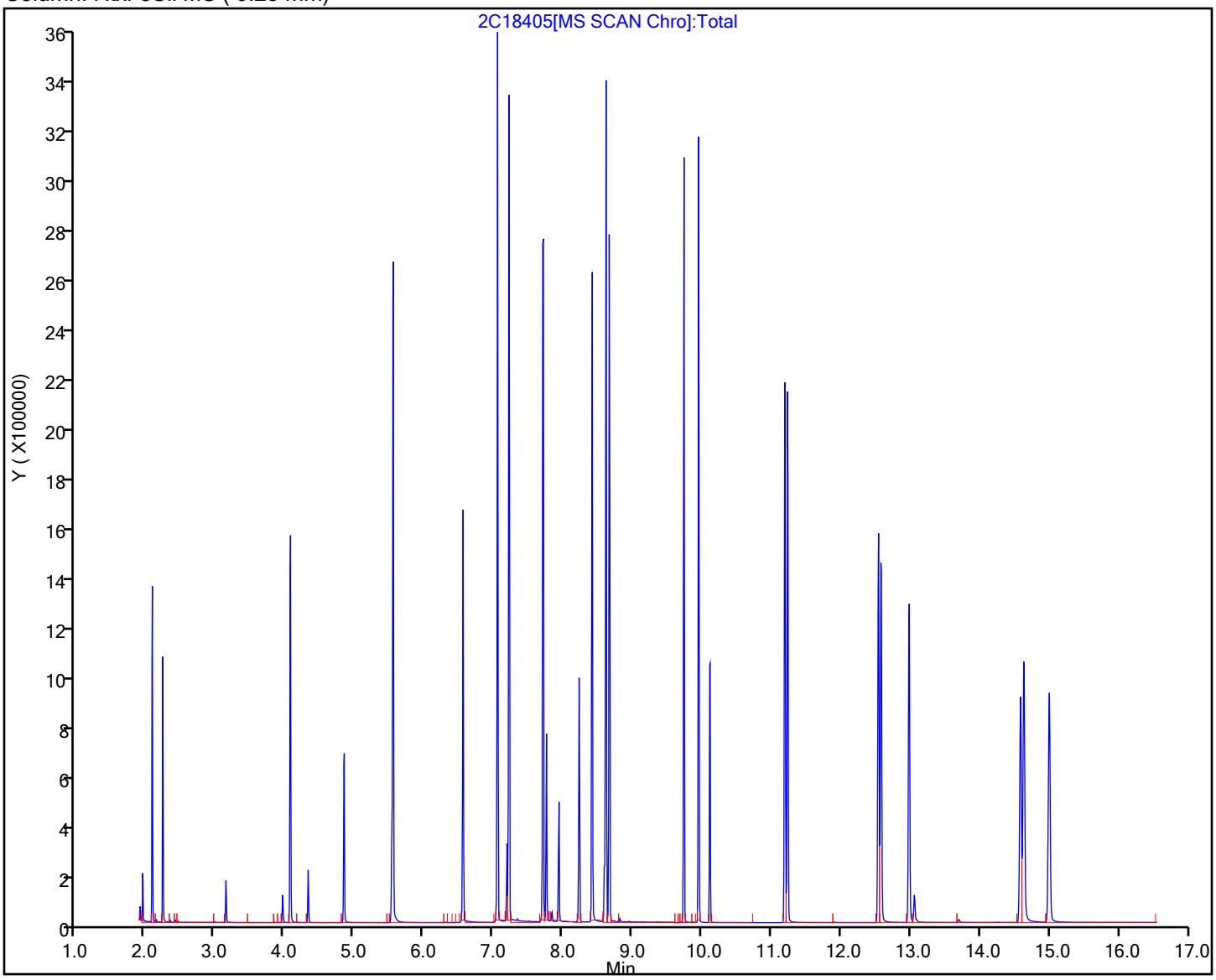
Reagents:

SM_simSlviL7_00005 Amount Added: 1.00 Units: mL

Report Date: 05-Jun-2025 14:00:37 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18405.D
Injection Date: 05-Jun-2025 09:41:30 Instrument ID: CBNAMS2
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18406.D
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 05-Jun-2025 10:02:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191796-006
Operator ID: Instrument ID: CBNAMS2
Sublist: chrom-SIM_BNA2*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 05-Jun-2025 14:00:38 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: QQ8R Date: 05-Jun-2025 10:25:32

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.079	2.115	-0.036	92	289309	2.00	1.91	
	2 N-Nitrosodimethylamine	74	2.229	2.266	-0.037	86	226635	1.00	1.04	
	3 Bis(2-chloroethyl)ether	93	4.073	4.073	0.000	89	345455	1.00	0.9595	
*	5 1,4-Dichlorobenzene-d4	150	4.328	4.327	0.001	100	111543	0.2000	0.2000	
$	6 Nitrobenzene-d5	82	4.847	4.842	0.005	96	359351	1.00	0.9506	
*	7 Naphthalene-d8	136	5.532	5.532	0.000	100	225525	0.2000	0.2000	
	8 Naphthalene	128	5.553	5.548	0.005	100	490000	0.4000	0.4106	
$	9 2-Fluorobiphenyl	172	6.558	6.558	0.000	95	875233	1.00	0.9445	
	10 Acenaphthylene	152	7.055	7.055	0.000	100	479724	0.4000	0.4356	
*	11 Acenaphthene-d10	164	7.190	7.190	0.000	97	114921	0.2000	0.2000	
	12 Acenaphthene	154	7.217	7.217	0.000	94	259338	0.4000	0.4095	
	13 Fluorene	166	7.705	7.705	0.000	89	330039	0.4000	0.4380	
	14 4,6-Dinitro-2-methylphenol	198	7.759	7.759	0.000	80	180689	2.00	2.09	
$	20 2,4,6-Tribromophenol	330	7.940	7.940	0.000	89	182077	1.00	0.9785	
	15 Hexachlorobenzene	284	8.229	8.228	0.001	99	337568	1.00	0.9769	
	16 Pentachlorophenol	266	8.418	8.418	0.000	99	163685	1.00	1.13	
*	17 Phenanthrene-d10	188	8.590	8.590	0.000	100	210824	0.2000	0.2000	
	18 Phenanthrene	178	8.617	8.617	0.000	81	483462	0.4000	0.4066	
	19 Anthracene	178	8.662	8.662	0.000	100	466959	0.4000	0.4412	
	21 Fluoranthene	202	9.739	9.739	0.000	94	515742	0.4000	0.4388	
	22 Pyrene	202	9.950	9.950	0.000	97	507427	0.4000	0.4123	
$	23 Terphenyl-d14	244	10.115	10.115	0.000	94	751969	1.00	0.9042	
	24 Benzo[a]anthracene	228	11.189	11.189	0.000	40	376194	0.4000	0.3960	
*	25 Chrysene-d12	240	11.196	11.202	-0.006	93	131475	0.2000	0.2000	
	26 Chrysene	228	11.229	11.229	0.000	99	385653	0.4000	0.4113	
	27 Benzo[b]fluoranthene	252	12.534	12.534	0.000	61	350470	0.4000	0.4294	
	28 Benzo[k]fluoranthene	252	12.574	12.573	0.001	100	346013	0.4000	0.4322	
	29 Benzo[a]pyrene	252	12.976	12.976	0.000	12	285421	0.4000	0.4350	
*	30 Perylene-d12	264	13.055	13.055	0.000	100	116376	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.577	14.584	-0.007	89	244438	0.4000	0.4296	
	32 Dibenz(a,h)anthracene	278	14.630	14.630	0.000	93	246679	0.4000	0.4479	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.993	14.992	0.001	77	281155	0.4000	0.4246	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL6_00022 Amount Added: 1.00 Units: mL

Report Date: 05-Jun-2025 14:00:38 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18406.D

Injection Date: 05-Jun-2025 10:02:30 Instrument ID: CBNAMS2

Lims ID: STD6

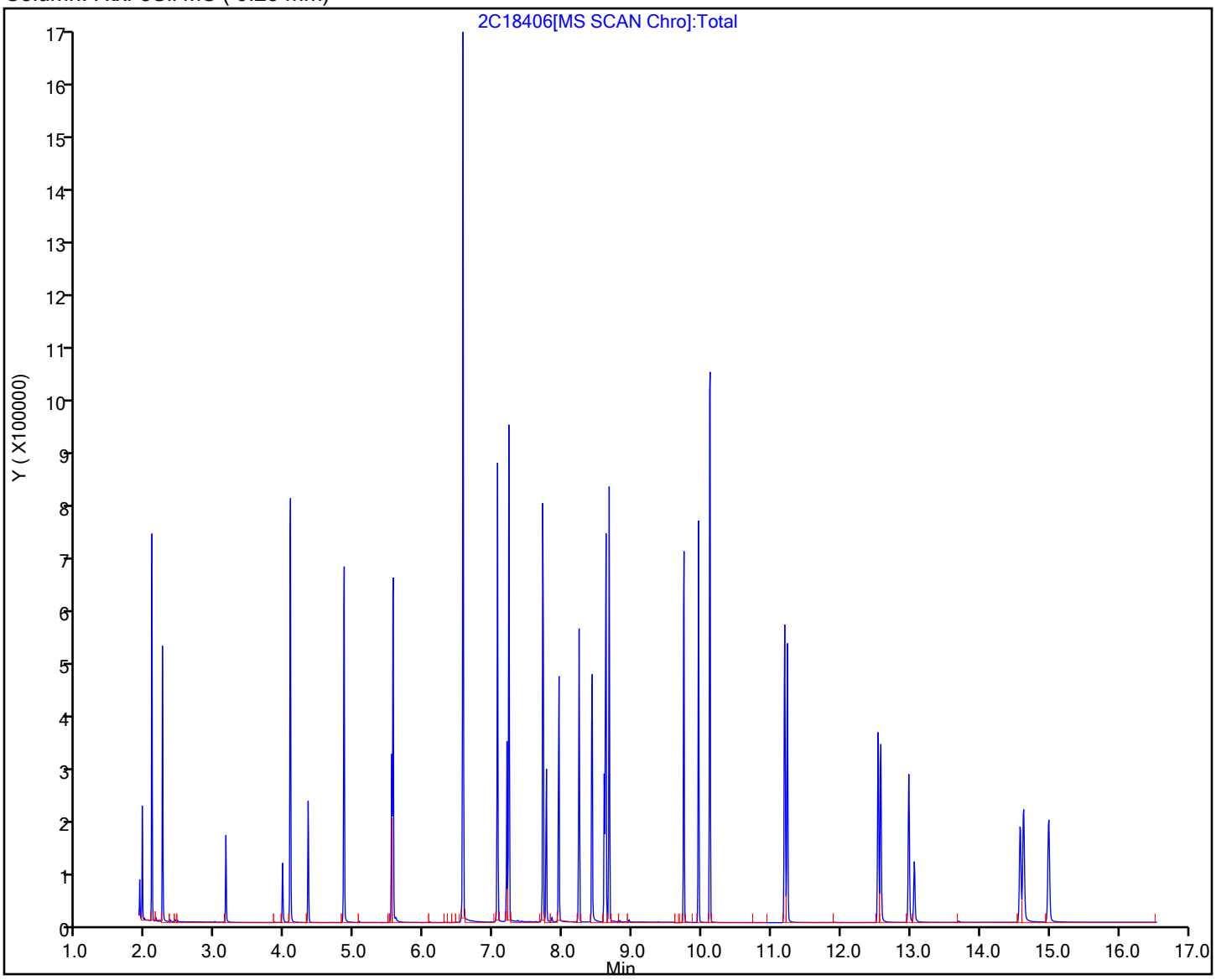
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18407.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 05-Jun-2025 10:23:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191796-007
Operator ID: Instrument ID: CBNAMS2
Sublist: chrom-SIM_BNA2*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 05-Jun-2025 14:00:39 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: QQ8R Date: 05-Jun-2025 10:46:47

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.105	2.115	-0.010	90	64526	0.4000	0.3946	
	2 N-Nitrosodimethylamine	74	2.255	2.266	-0.011	81	46855	0.2000	0.1997	
	3 Bis(2-chloroethyl)ether	93	4.073	4.073	0.000	90	72906	0.2000	0.1873	
*	5 1,4-Dichlorobenzene-d4	150	4.327	4.327	0.000	100	120575	0.2000	0.2000	
$	6 Nitrobenzene-d5	82	4.847	4.842	0.005	97	377820	1.00	0.9330	
*	7 Naphthalene-d8	136	5.532	5.532	0.000	100	241586	0.2000	0.2000	
	8 Naphthalene	128	5.553	5.548	0.005	100	122037	0.1000	0.0955	
$	9 2-Fluorobiphenyl	172	6.558	6.558	0.000	95	925961	1.00	0.9216	
	10 Acenaphthylene	152	7.055	7.055	0.000	100	111862	0.1000	0.0937	
*	11 Acenaphthene-d10	164	7.190	7.190	0.000	97	124600	0.2000	0.2000	
	12 Acenaphthene	154	7.217	7.217	0.000	93	63289	0.1000	0.0922	
	13 Fluorene	166	7.705	7.705	0.000	90	78064	0.1000	0.0956	
	14 4,6-Dinitro-2-methylphenol	198	7.759	7.759	0.000	80	14508	0.4000	0.2979	
$	20 2,4,6-Tribromophenol	330	7.940	7.940	0.000	90	181303	1.00	0.8986	
	15 Hexachlorobenzene	284	8.228	8.228	0.000	99	67428	0.2000	0.1849	
	16 Pentachlorophenol	266	8.418	8.418	0.000	96	15030	0.2000	0.1271	
*	17 Phenanthrene-d10	188	8.590	8.590	0.000	100	222509	0.2000	0.2000	
	18 Phenanthrene	178	8.617	8.617	0.000	82	121401	0.1000	0.0967	
	19 Anthracene	178	8.662	8.662	0.000	100	108096	0.1000	0.0968	
	21 Fluoranthene	202	9.739	9.739	0.000	95	121015	0.1000	0.0975	
	22 Pyrene	202	9.950	9.950	0.000	97	121527	0.1000	0.0966	
$	23 Terphenyl-d14	244	10.115	10.115	0.000	94	804480	1.00	0.9465	
	24 Benzo[a]anthracene	228	11.189	11.189	0.000	58	82646	0.1000	0.0851	
*	25 Chrysene-d12	240	11.196	11.202	-0.006	100	134383	0.2000	0.2000	
	26 Chrysene	228	11.229	11.229	0.000	98	92454	0.1000	0.0965	
	27 Benzo[b]fluoranthene	252	12.534	12.534	0.000	61	74319	0.1000	0.0942	
	28 Benzo[k]fluoranthene	252	12.573	12.573	0.000	100	75163	0.1000	0.0971	
	29 Benzo[a]pyrene	252	12.976	12.976	0.000	12	55926	0.1000	0.0882	a
*	30 Perylene-d12	264	13.055	13.055	0.000	100	112511	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.584	14.584	0.000	86	45172	0.1000	0.0821	
	32 Dibenz(a,h)anthracene	278	14.630	14.630	0.000	94	46490	0.1000	0.0873	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.992	14.992	0.000	76	56848	0.1000	0.0888	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

SM_simSlviL4_00020 Amount Added: 1.00 Units: mL

Report Date: 05-Jun-2025 14:00:40 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18407.D

Injection Date: 05-Jun-2025 10:23:30 Instrument ID: CBNAMS2

Lims ID: STD4

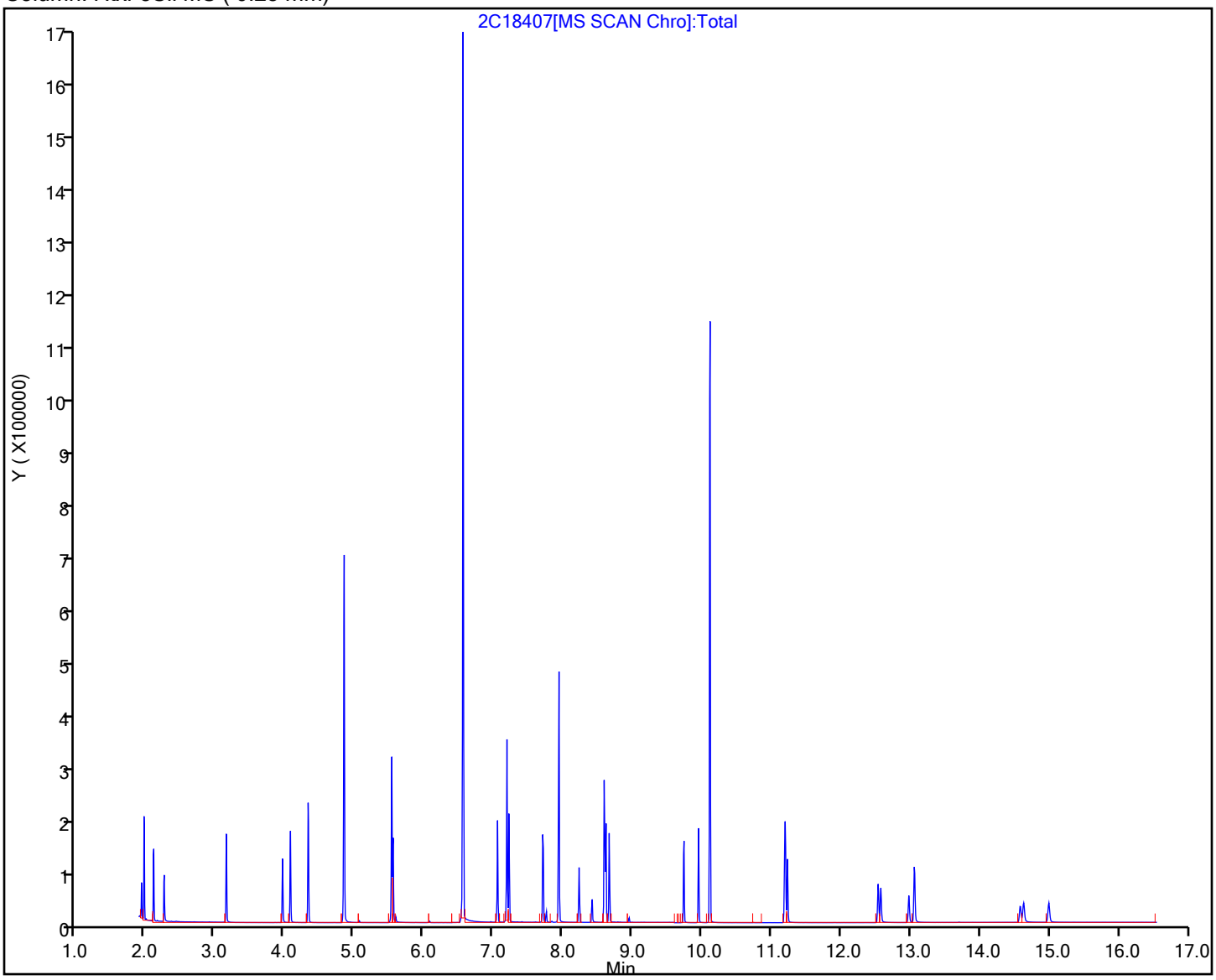
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

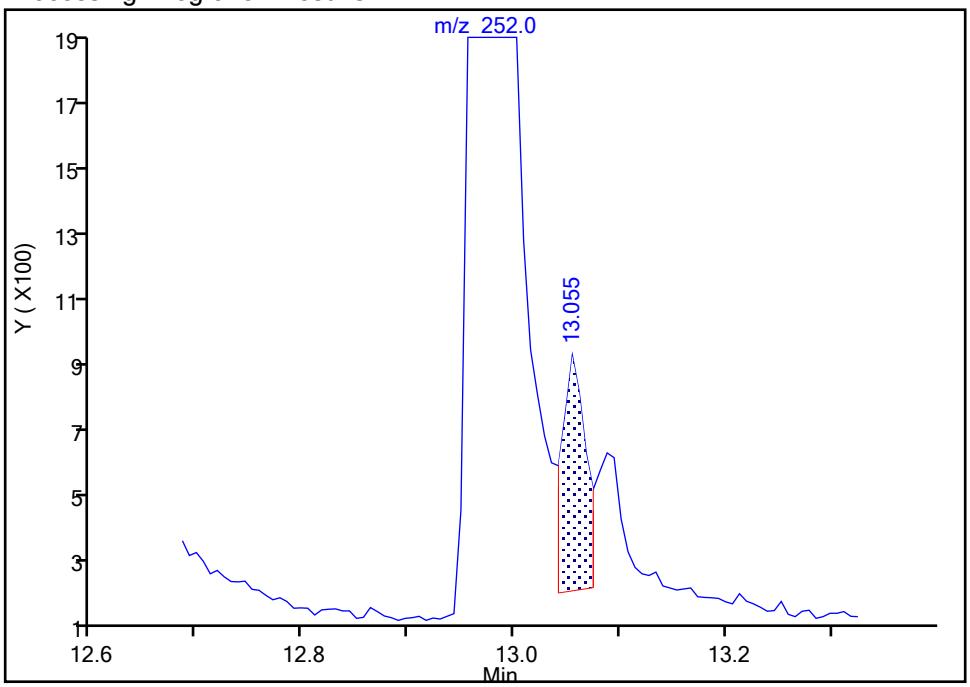
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18407.D				
Injection Date:	05-Jun-2025 10:23:30	Instrument ID:	CBNAMS2		
Lims ID:	STD4				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

29 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

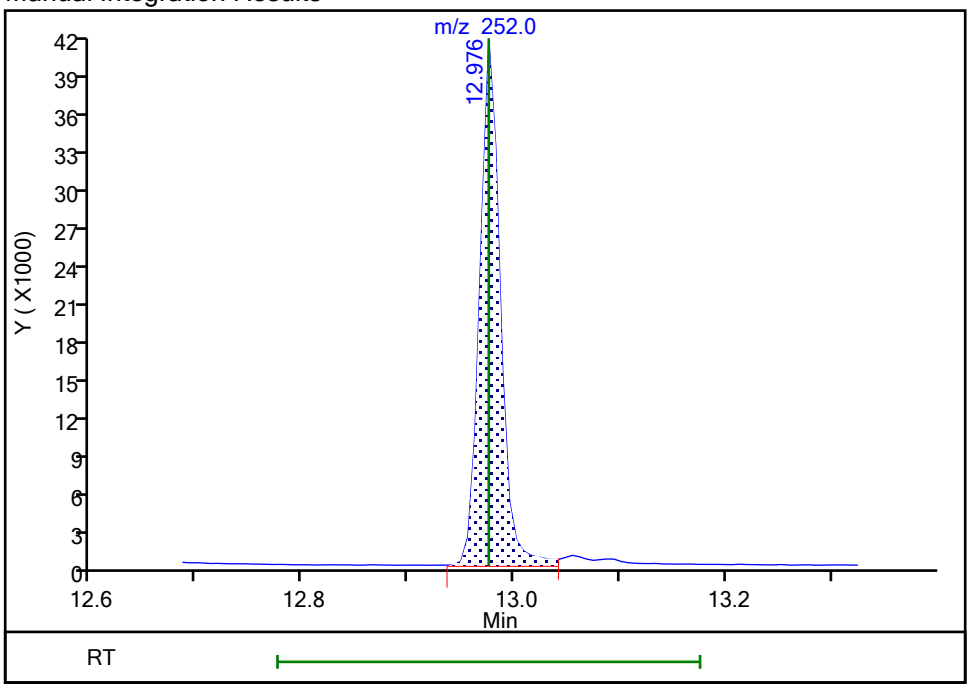
Processing Integration Results

RT: 13.05
Area: 1140
Amount: 0.101540
Amount Units: ug/ml



Manual Integration Results

RT: 12.98
Area: 55926
Amount: 0.088156
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 10:48:02 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18408.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 05-Jun-2025 10:45:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191796-008
Operator ID: Instrument ID: CBNAMS2
Sublist: chrom-SIM_BNA2*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 05-Jun-2025 14:00:41 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: QQ8R Date: 05-Jun-2025 11:05:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.115	2.115	0.000	99	32067	0.2000	0.1872	
2 N-Nitrosodimethylamine	74	2.266	2.266	0.000	85	23355	0.1000	0.0950	
3 Bis(2-chloroethyl)ether	93	4.073	4.073	0.000	90	7342	0.0200	0.0180	
* 5 1,4-Dichlorobenzene-d4	150	4.328	4.327	0.001	100	126300	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.847	4.842	0.005	96	377503	1.00	0.9069	
* 7 Naphthalene-d8	136	5.532	5.532	0.000	100	248347	0.2000	0.2000	
8 Naphthalene	128	5.553	5.548	0.005	100	26162	0.0200	0.0199	
$ 9 2-Fluorobiphenyl	172	6.558	6.558	0.000	95	929871	1.00	0.9141	
10 Acenaphthylene	152	7.055	7.055	0.000	100	22764	0.0200	0.0188	
* 11 Acenaphthene-d10	164	7.190	7.190	0.000	97	126149	0.2000	0.2000	
12 Acenaphthene	154	7.218	7.217	0.001	90	13617	0.0200	0.0196	
13 Fluorene	166	7.705	7.705	0.000	91	15530	0.0200	0.0188	
14 4,6-Dinitro-2-methylphenol	198	7.759	7.759	0.000	81	4339	0.2000	0.1049	
$ 20 2,4,6-Tribromophenol	330	7.940	7.940	0.000	89	174829	1.00	0.8559	
15 Hexachlorobenzene	284	8.229	8.228	0.001	99	6436	0.0200	0.0173	
16 Pentachlorophenol	266	8.418	8.418	0.000	96	4404	0.1000	0.0418	
* 17 Phenanthrene-d10	188	8.590	8.590	0.000	100	227438	0.2000	0.2000	
18 Phenanthrene	178	8.617	8.617	0.000	81	25158	0.0200	0.0196	
19 Anthracene	178	8.662	8.662	0.000	100	21548	0.0200	0.0189	
21 Fluoranthene	202	9.739	9.739	0.000	95	23948	0.0200	0.0189	
22 Pyrene	202	9.950	9.950	0.000	97	23912	0.0200	0.0198	
$ 23 Terphenyl-d14	244	10.115	10.115	0.000	94	801198	1.00	0.9808	
24 Benzo[a]anthracene	228	11.190	11.189	0.001	84	15837	0.0200	0.0170	
* 25 Chrysene-d12	240	11.196	11.202	-0.006	100	129148	0.2000	0.2000	
26 Chrysene	228	11.229	11.229	0.000	98	18197	0.0200	0.0198	
27 Benzo[b]fluoranthene	252	12.534	12.534	0.000	49	13221	0.0200	0.0180	
28 Benzo[k]fluoranthene	252	12.574	12.573	0.001	100	12836	0.0200	0.0178	
29 Benzo[a]pyrene	252	12.976	12.976	0.000	12	9728	0.0200	0.0164	a
* 30 Perylene-d12	264	13.055	13.055	0.000	100	104897	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.584	14.584	0.000	86	7610	0.0200	0.0148	
32 Dibenz(a,h)anthracene	278	14.630	14.630	0.000	93	7522	0.0200	0.0152	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.993	14.992	0.001	77	10070	0.0200	0.0169	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

SM_simSlviL3_00024 Amount Added: 1.00 Units: mL

Report Date: 05-Jun-2025 14:00:42 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18408.D

Injection Date: 05-Jun-2025 10:45:30 Instrument ID: CBNAMS2

Lims ID: STD3

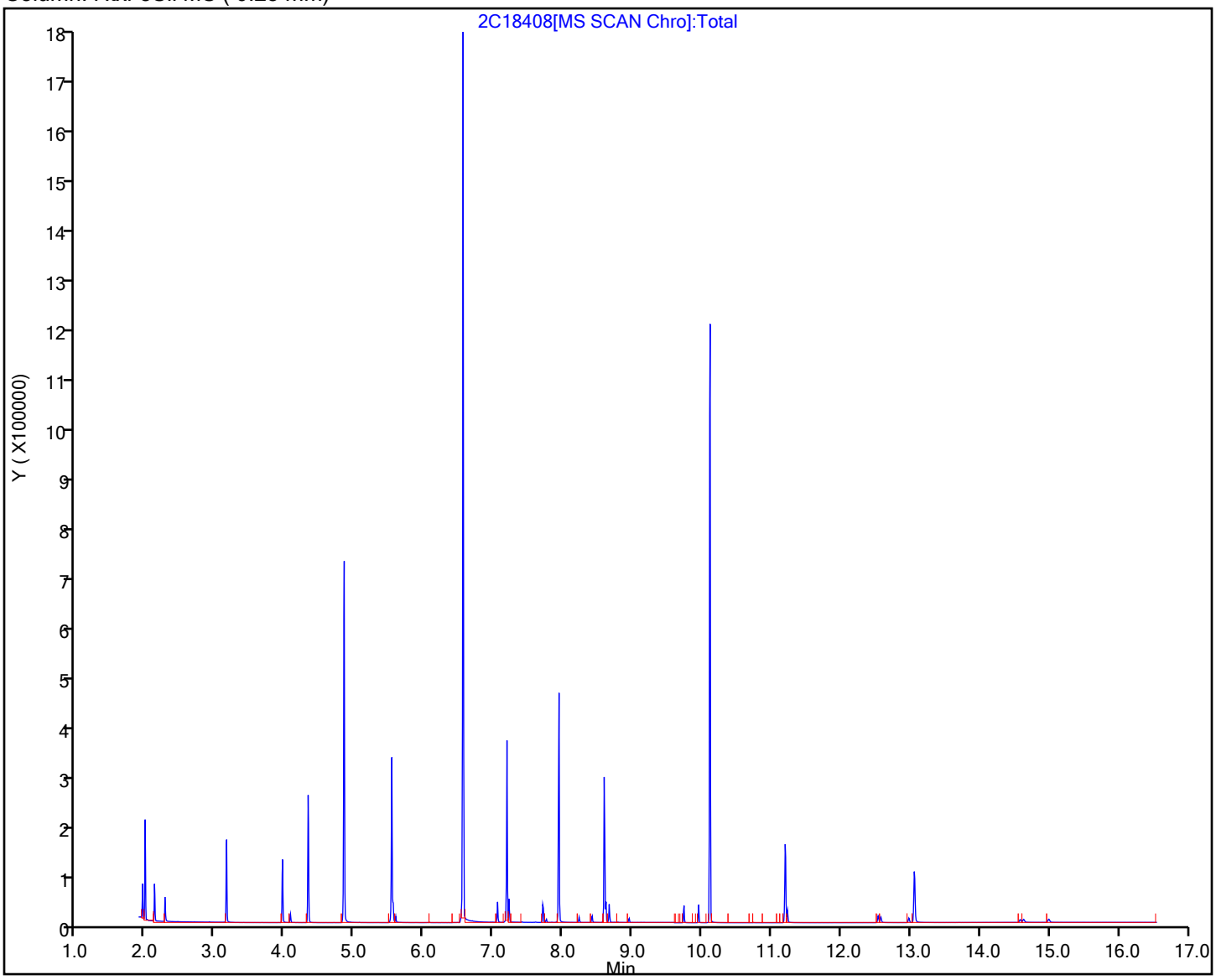
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

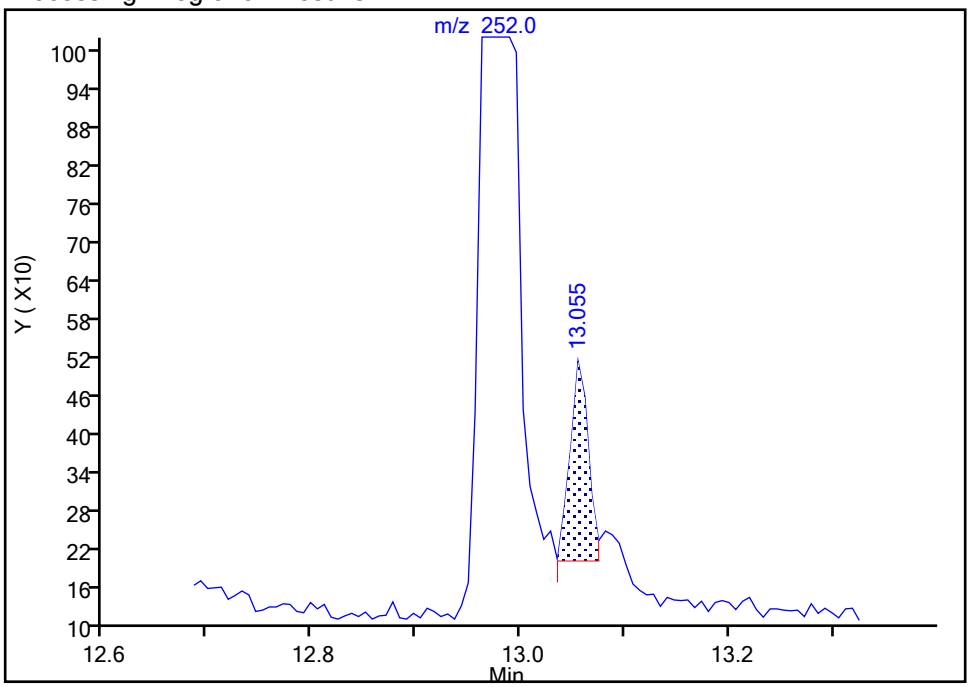
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18408.D				
Injection Date:	05-Jun-2025 10:45:30	Instrument ID:	CBNAMS2		
Lims ID:	STD3				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

29 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

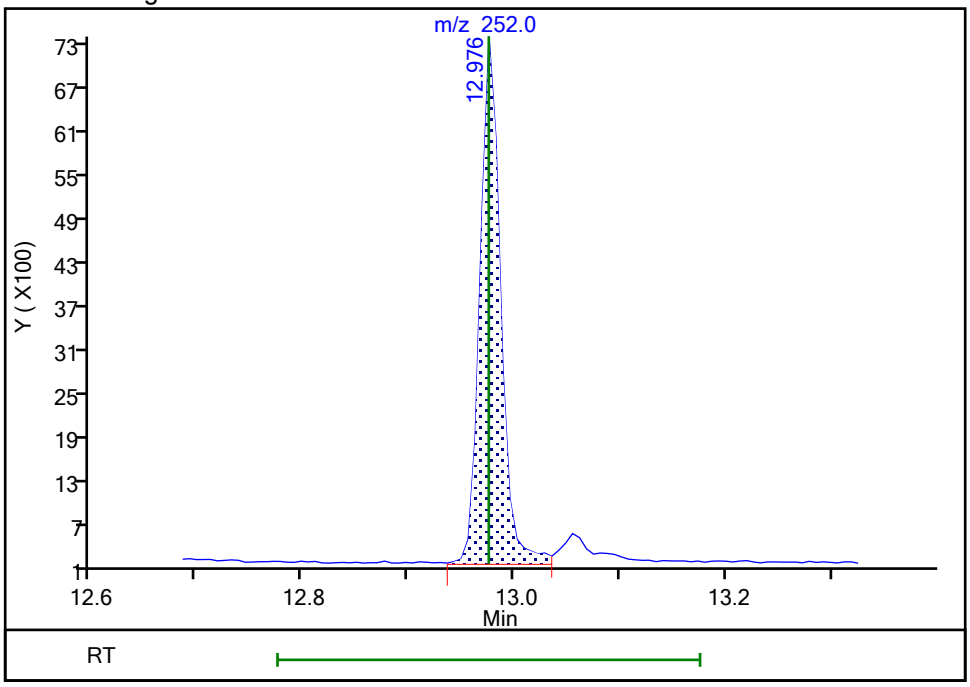
Processing Integration Results

RT: 13.05
Area: 380
Amount: 0.020008
Amount Units: ug/ml



Manual Integration Results

RT: 12.98
Area: 9728
Amount: 0.016447
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 11:05:22 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18409.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 05-Jun-2025 11:06:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191796-009
Operator ID: Instrument ID: CBNAMS2
Sublist: chrom-SIM_BNA2*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 05-Jun-2025 14:00:43 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: QQ8R Date: 05-Jun-2025 11:28:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.121	2.115	0.006	91	3082	0.0200	0.0193	M
2 N-Nitrosodimethylamine	74	2.271	2.266	0.005	85	4222	0.0200	0.0184	
3 Bis(2-chloroethyl)ether	93	4.074	4.073	0.001	90	831	0.002000	0.002188	
* 5 1,4-Dichlorobenzene-d4	150	4.328	4.327	0.001	100	117680	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.847	4.842	0.005	96	350107	1.00	0.9094	
* 7 Naphthalene-d8	136	5.533	5.532	0.001	100	229685	0.2000	0.2000	
8 Naphthalene	128	5.554	5.548	0.006	100	6576	0.005000	0.005411	
$ 9 2-Fluorobiphenyl	172	6.559	6.558	0.001	95	870782	1.00	0.9158	
10 Acenaphthylene	152	7.055	7.055	0.000	100	5713	0.005000	0.005056	
* 11 Acenaphthene-d10	164	7.191	7.190	0.001	97	117911	0.2000	0.2000	
12 Acenaphthene	154	7.218	7.217	0.001	86	3425	0.005000	0.005272	
13 Fluorene	166	7.705	7.705	0.000	88	4046	0.005000	0.005234	
14 4,6-Dinitro-2-methylphenol	198	7.760	7.759	0.001	84	510	0.0400	0.0260	
$ 20 2,4,6-Tribromophenol	330	7.940	7.940	0.000	89	152440	1.00	0.7984	
15 Hexachlorobenzene	284	8.229	8.228	0.001	98	717	0.002000	0.002048	
16 Pentachlorophenol	266	8.419	8.418	0.001	92	223	0.0160	0.008532	M
* 17 Phenanthrene-d10	188	8.590	8.590	0.000	100	213589	0.2000	0.2000	
18 Phenanthrene	178	8.617	8.617	0.000	81	6721	0.005000	0.005579	
19 Anthracene	178	8.662	8.662	0.000	100	5623	0.005000	0.005244	
21 Fluoranthene	202	9.740	9.739	0.001	95	6189	0.005000	0.005197	
22 Pyrene	202	9.951	9.950	0.001	97	6140	0.005000	0.005418	
$ 23 Terphenyl-d14	244	10.115	10.115	0.000	94	745085	1.00	0.9730	
24 Benzo[a]anthracene	228	11.190	11.189	0.001	74	4351	0.005000	0.004974	
* 25 Chrysene-d12	240	11.196	11.202	-0.006	100	121071	0.2000	0.2000	
26 Chrysene	228	11.229	11.229	0.000	98	4770	0.005000	0.005524	
27 Benzo[b]fluoranthene	252	12.534	12.534	0.000	34	3315	0.005000	0.004854	
28 Benzo[k]fluoranthene	252	12.574	12.573	0.001	97	3272	0.005000	0.004885	
29 Benzo[a]pyrene	252	12.976	12.976	0.000	12	2586	0.005000	0.004710	a
* 30 Perylene-d12	264	13.055	13.055	0.000	100	97373	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.584	14.584	0.000	86	2112	0.005000	0.004436	
32 Dibenz(a,h)anthracene	278	14.631	14.630	0.000	90	2055	0.005000	0.004459	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.993	14.992	0.001	77	2604	0.005000	0.004700	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_simSlviL2_00021 Amount Added: 1.00 Units: mL

Report Date: 05-Jun-2025 14:00:43 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18409.D

Injection Date: 05-Jun-2025 11:06:30 Instrument ID: CBNAMS2

Lims ID: STD2

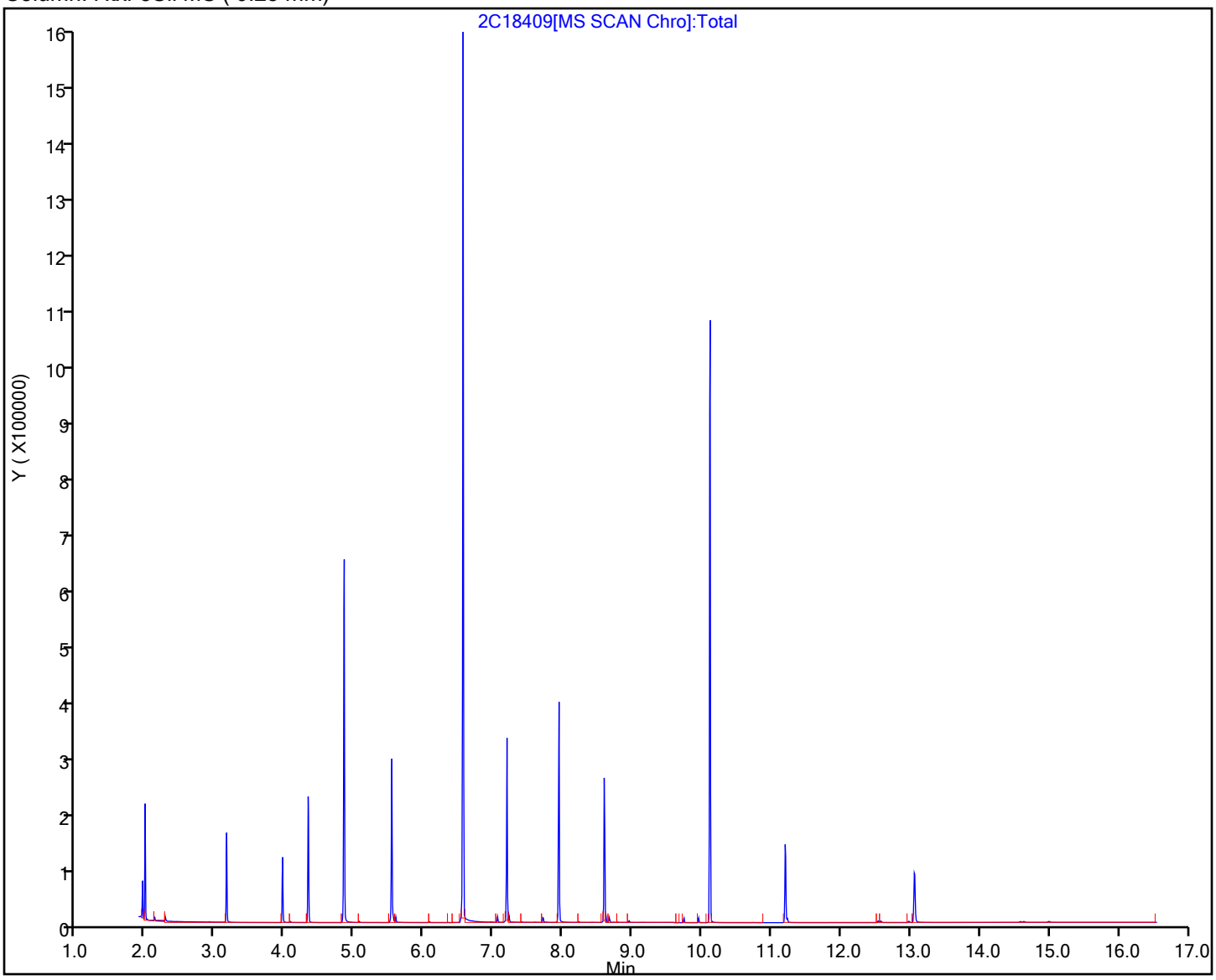
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

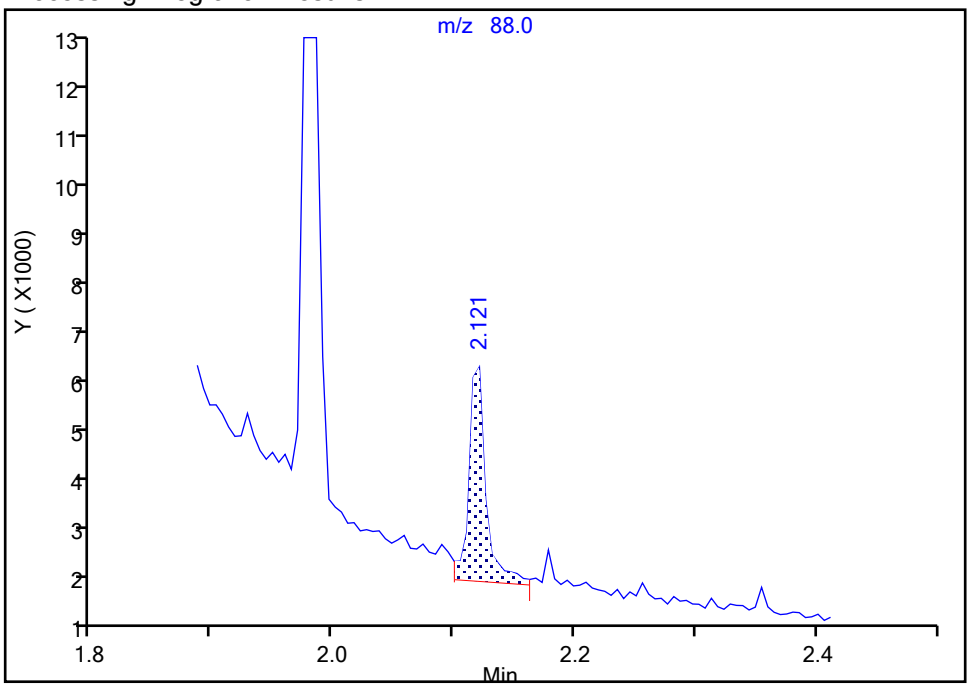
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18409.D
Injection Date: 05-Jun-2025 11:06:30 Instrument ID: CBNAMS2
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

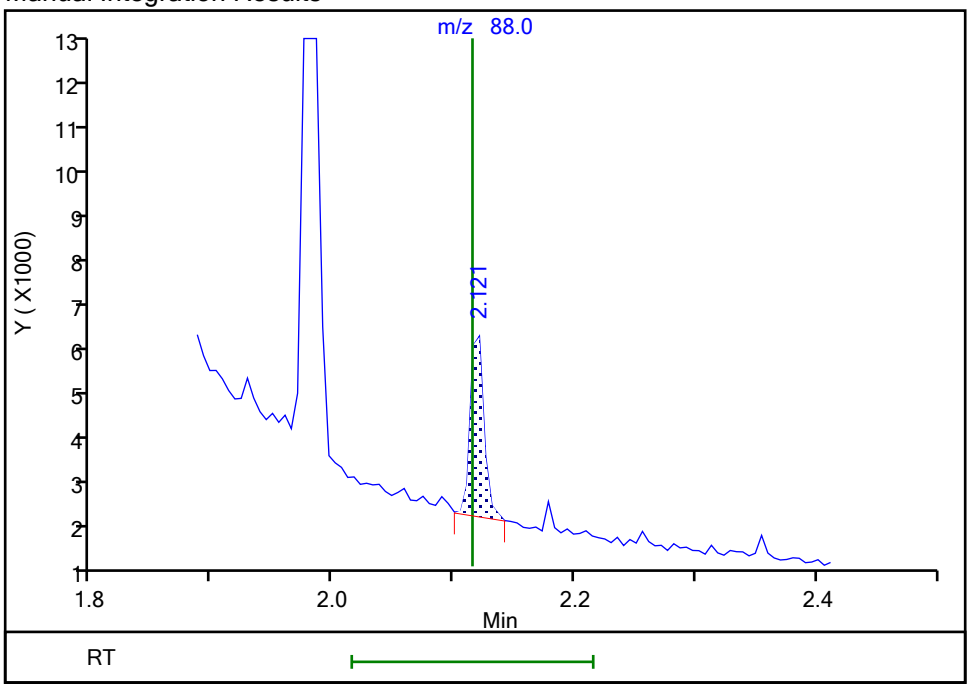
Processing Integration Results

RT: 2.12
Area: 4107
Amount: 0.024847
Amount Units: ug/ml



Manual Integration Results

RT: 2.12
Area: 3082
Amount: 0.019311
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:42:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

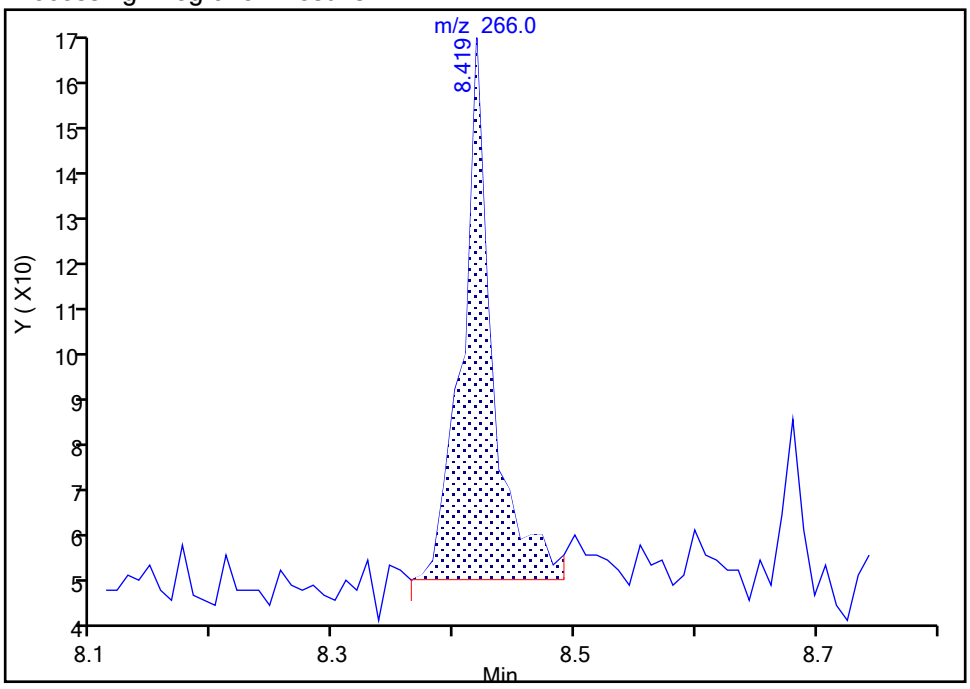
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18409.D				
Injection Date:	05-Jun-2025 11:06:30	Instrument ID:	CBNAMS2		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

16 Pentachlorophenol, CAS: 87-86-5

Signal: 1

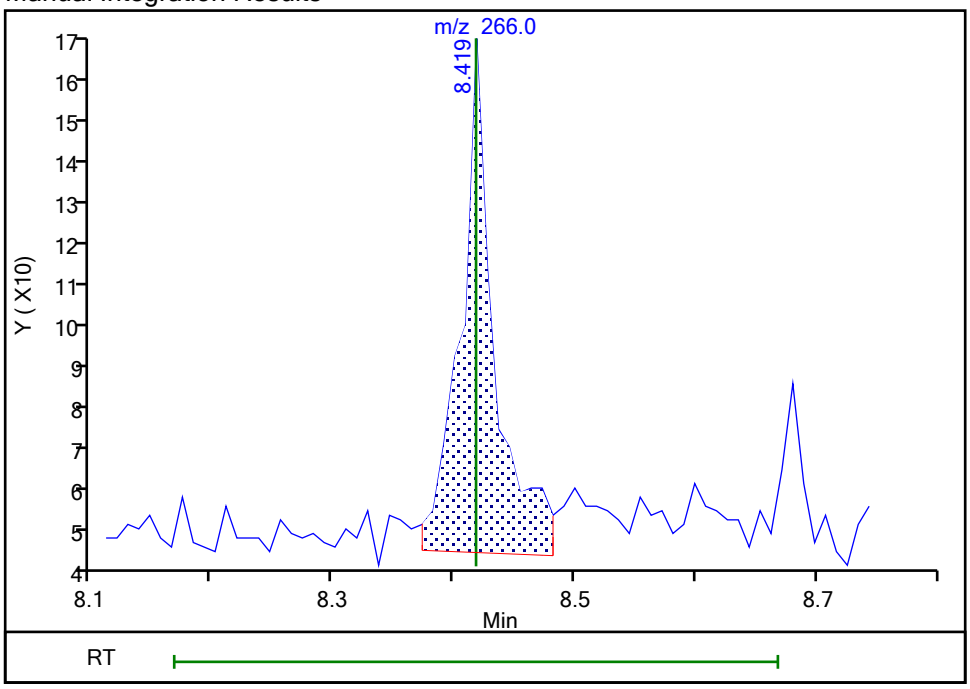
Processing Integration Results

RT: 8.42
Area: 187
Amount: 0.002567
Amount Units: ug/ml



Manual Integration Results

RT: 8.42
Area: 223
Amount: 0.008532
Amount Units: ug/ml



Reviewer: LKI7, 05-Jun-2025 12:15:04 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

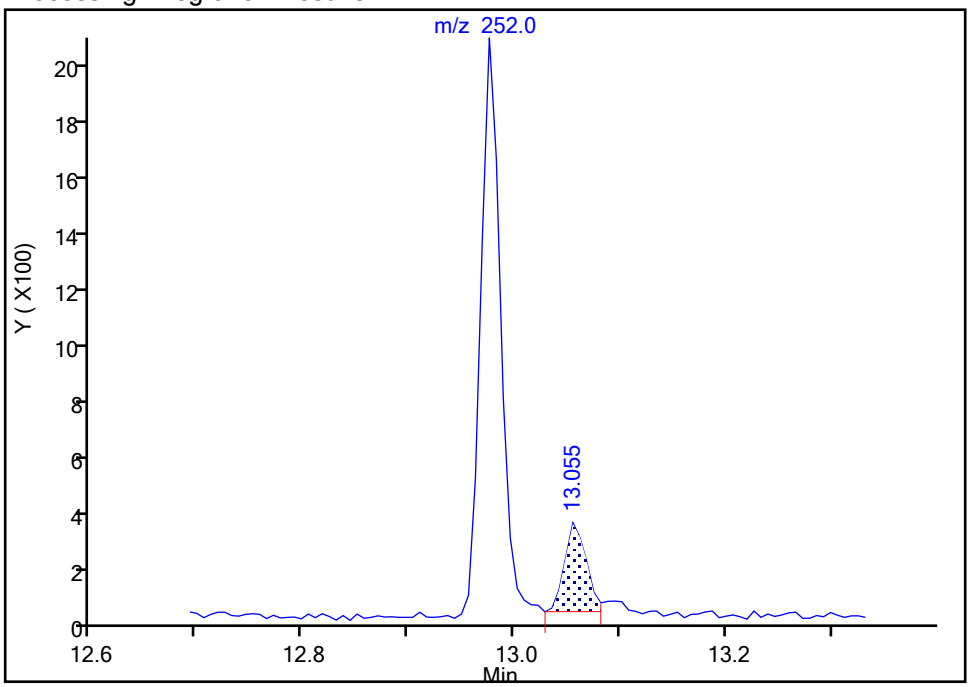
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18409.D
Injection Date: 05-Jun-2025 11:06:30 Instrument ID: CBNAMS2
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

29 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

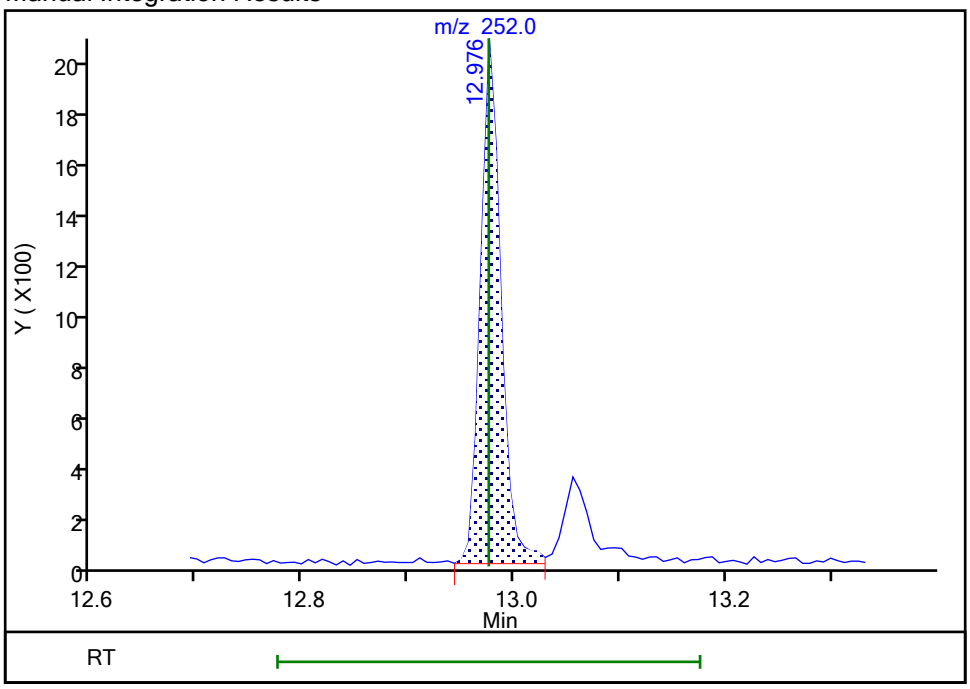
Processing Integration Results

RT: 13.06
Area: 425
Amount: 0.005046
Amount Units: ug/ml



Manual Integration Results

RT: 12.98
Area: 2586
Amount: 0.004710
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 11:28:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 05-Jun-2025 11:27:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191796-010
Operator ID: Instrument ID: CBNAMS2
Sublist: chrom-SIM_BNA2*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 05-Jun-2025 14:00:44 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: QQ8R Date: 05-Jun-2025 11:49:39

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.120	2.115	0.005	98	712	0.004000	0.004505	M
	2 N-Nitrosodimethylamine	74	2.281	2.266	0.015	80	729	0.004000	0.003214	
	3 Bis(2-chloroethyl)ether	93	4.073	4.073	0.000	89	181	0.000400	0.000481	M
*	5 1,4-Dichlorobenzene-d4	150	4.327	4.327	0.000	100	116540	0.2000	0.2000	
*	7 Naphthalene-d8	136	5.532	5.532	0.000	100	230623	0.2000	0.2000	
	8 Naphthalene	128	5.553	5.548	0.005	94	1261	0.001000	0.001033	
	10 Acenaphthylene	152	7.055	7.055	0.000	100	1101	0.001000	0.001003	
*	11 Acenaphthene-d10	164	7.190	7.190	0.000	97	114585	0.2000	0.2000	
	12 Acenaphthene	154	7.217	7.217	0.000	89	716	0.001000	0.001134	
	13 Fluorene	166	7.714	7.705	0.009	92	768	0.001000	0.001022	
	14 4,6-Dinitro-2-methylphenol	198	7.759	7.759	0.000	74	77	0.008000	0.0160	a
	15 Hexachlorobenzene	284	8.228	8.228	0.000	97	171	0.000400	0.000492	
	16 Pentachlorophenol	266	8.418	8.418	0.000	97	89	0.003200	0.007389	
*	17 Phenanthrene-d10	188	8.590	8.590	0.000	100	211928	0.2000	0.2000	
	18 Phenanthrene	178	8.617	8.617	0.000	76	1376	0.001000	0.001151	
	19 Anthracene	178	8.662	8.662	0.000	99	1100	0.001000	0.001034	
	21 Fluoranthene	202	9.739	9.739	0.000	95	1205	0.001000	0.001020	
	22 Pyrene	202	9.950	9.950	0.000	98	1218	0.001000	0.001124	
	24 Benzo[a]anthracene	228	11.189	11.189	0.000	71	1211	0.001000	0.001448	
*	25 Chrysene-d12	240	11.196	11.202	-0.006	100	115754	0.2000	0.2000	
	26 Chrysene	228	11.229	11.229	0.000	97	894	0.001000	0.001083	
	27 Benzo[b]fluoranthene	252	12.541	12.534	0.007	36	649	0.001000	0.001002	
	28 Benzo[k]fluoranthene	252	12.574	12.573	0.001	93	636	0.001000	0.001001	
	29 Benzo[a]pyrene	252	12.976	12.976	0.000	12	481	0.001000	0.000924	a
*	30 Perylene-d12	264	13.055	13.055	0.000	100	92339	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.590	14.584	0.006	79	457	0.001000	0.001012	
	32 Dibenz(a,h)anthracene	278	14.637	14.630	0.007	93	342	0.001000	0.000783	Ma
	33 Benzo[g,h,i]perylene	276	14.993	14.992	0.001	70	553	0.001000	0.001053	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_simSlviL1_00021 Amount Added: 1.00 Units: mL

Report Date: 05-Jun-2025 14:00:45 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Injection Date: 05-Jun-2025 11:27:30 Instrument ID: CBNAMS2

Lims ID: STD1

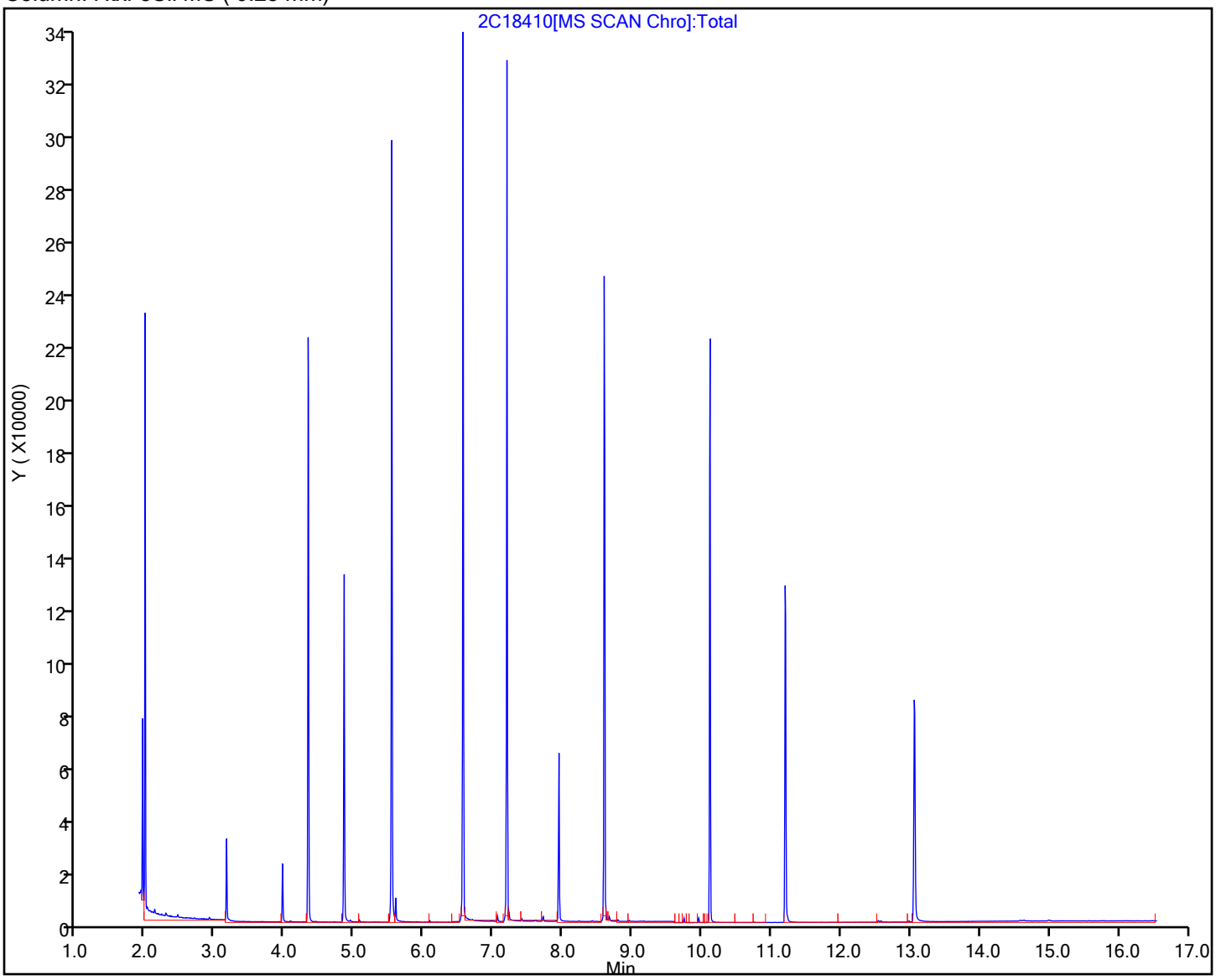
Client ID:

Operator ID: ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

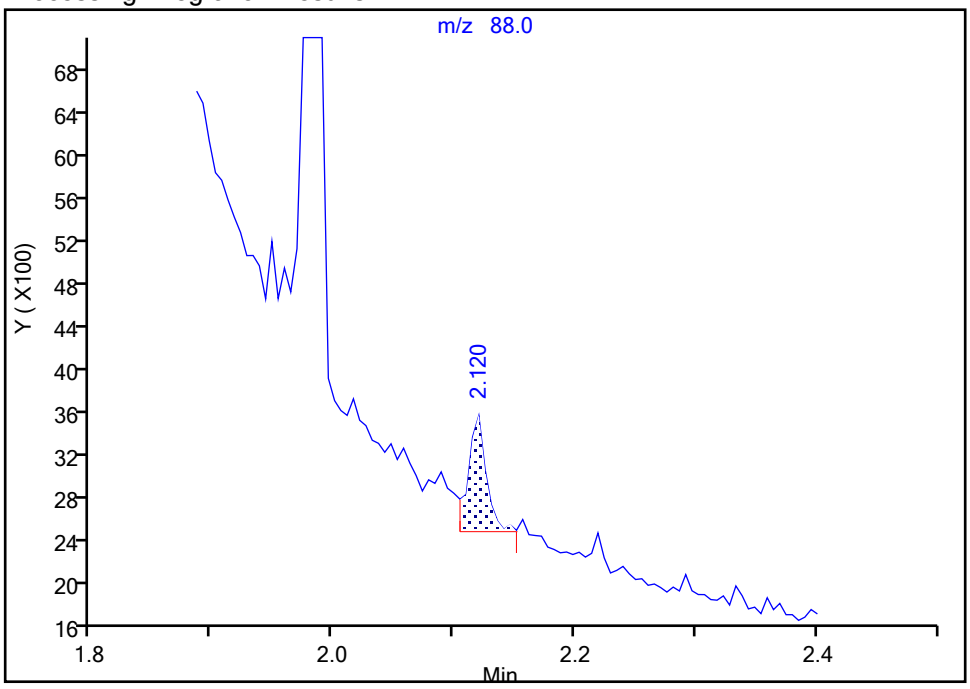
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D
Injection Date: 05-Jun-2025 11:27:30 Instrument ID: CBNAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

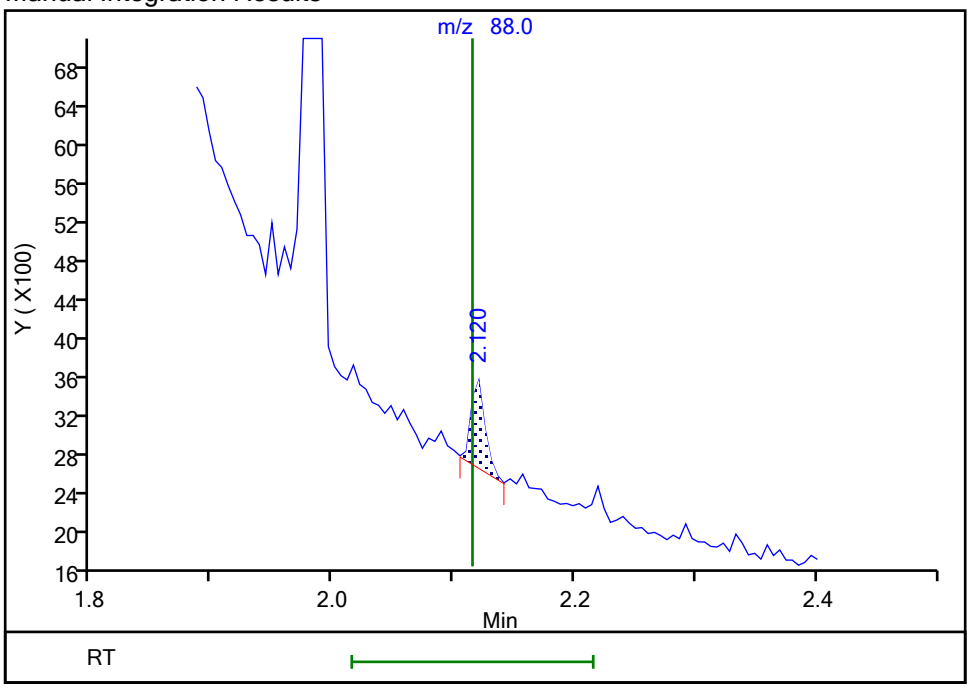
Processing Integration Results

RT: 2.12
Area: 1097
Amount: 0.003897
Amount Units: ug/ml



Manual Integration Results

RT: 2.12
Area: 712
Amount: 0.004505
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:42:06 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

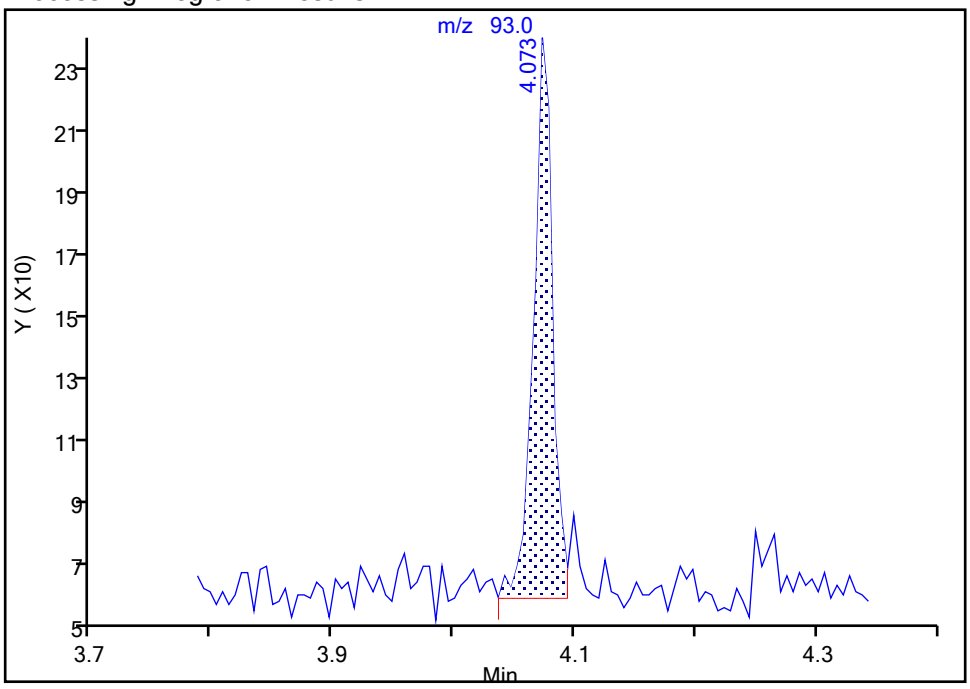
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D
Injection Date: 05-Jun-2025 11:27:30 Instrument ID: CBNAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

3 Bis(2-chloroethyl)ether, CAS: 111-44-4

Signal: 1

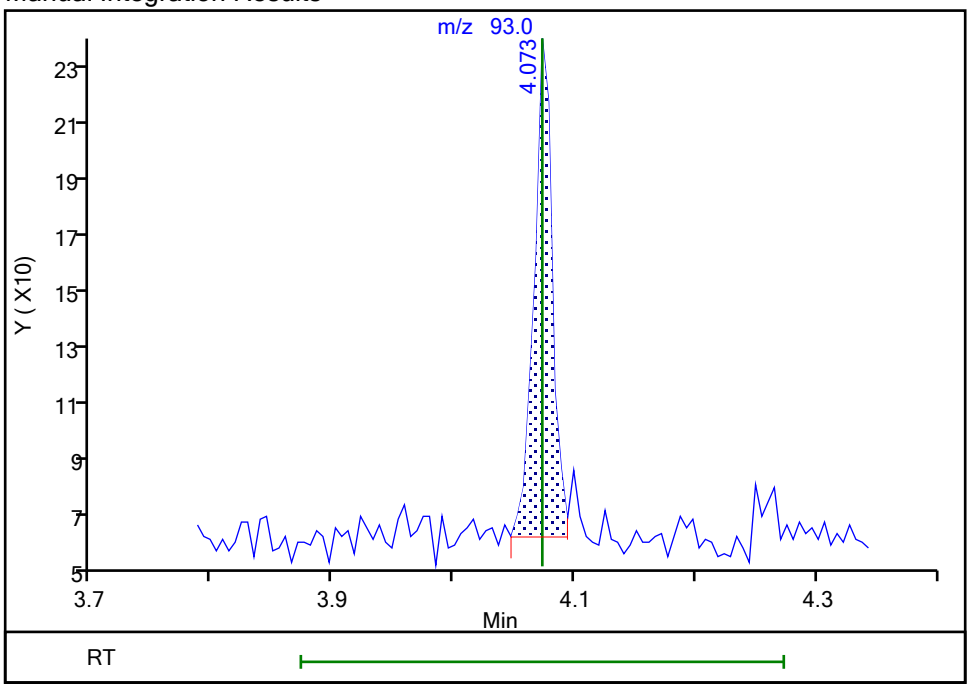
Processing Integration Results

RT: 4.07
Area: 193
Amount: 0.000509
Amount Units: ug/ml



Manual Integration Results

RT: 4.07
Area: 181
Amount: 0.000481
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 12:46:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

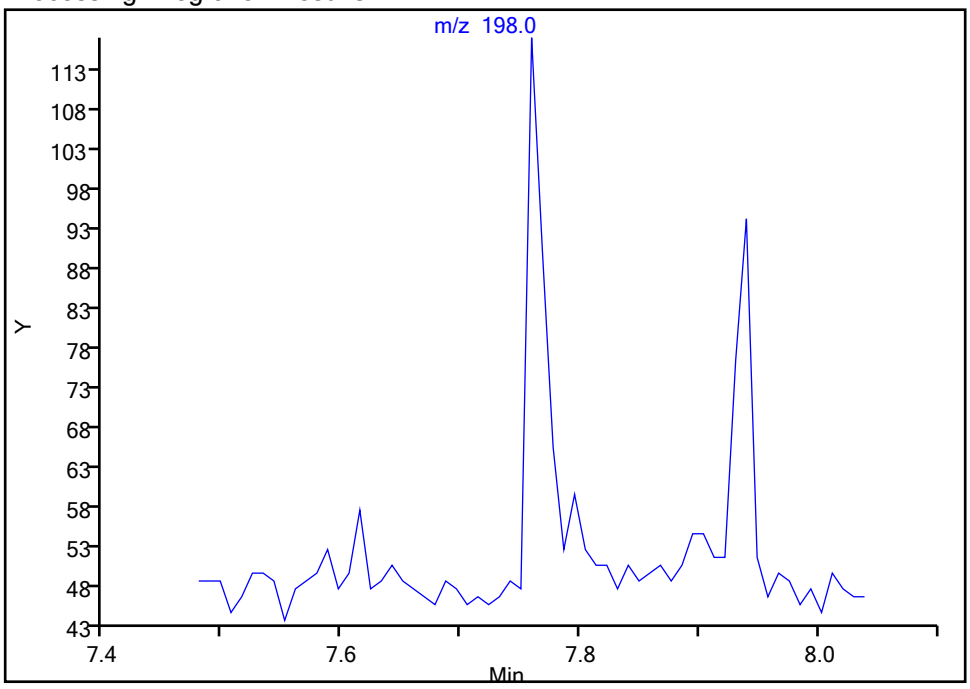
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D
Injection Date: 05-Jun-2025 11:27:30 Instrument ID: CBNAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

14 4,6-Dinitro-2-methylphenol, CAS: 534-52-1

Signal: 1

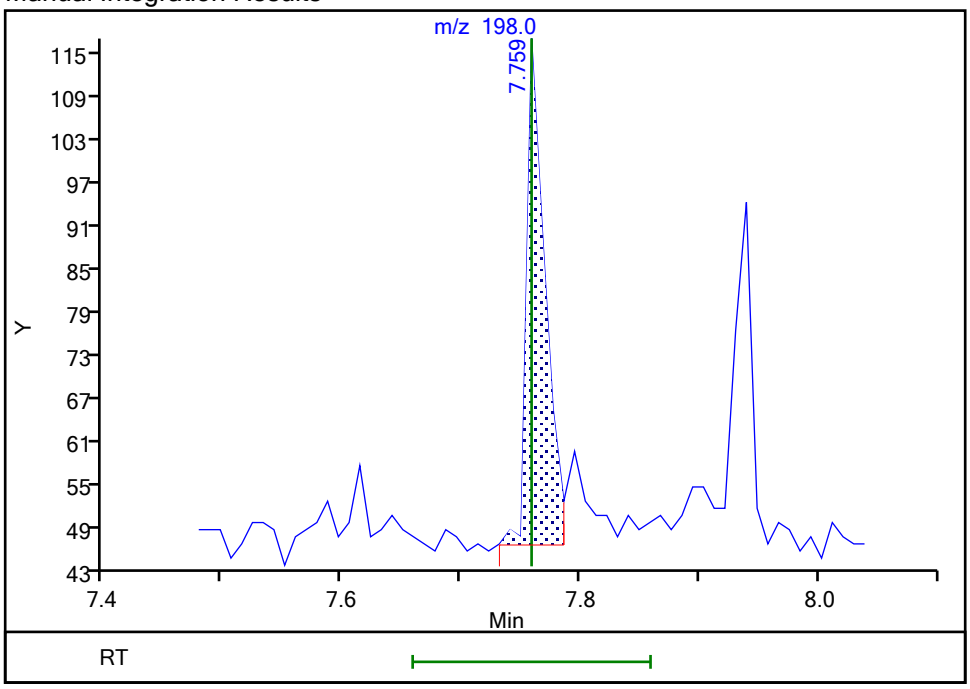
Not Detected
Expected RT: 7.76

Processing Integration Results



Manual Integration Results

RT: 7.76
Area: 77
Amount: 0.015972
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 11:46:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

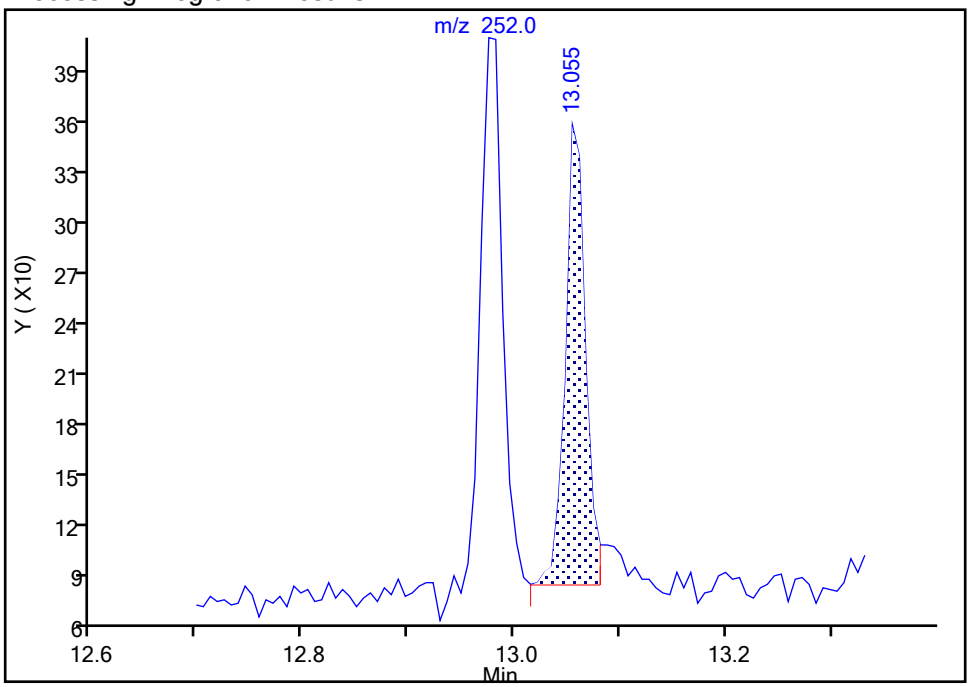
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D
Injection Date: 05-Jun-2025 11:27:30 Instrument ID: CBNAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

29 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

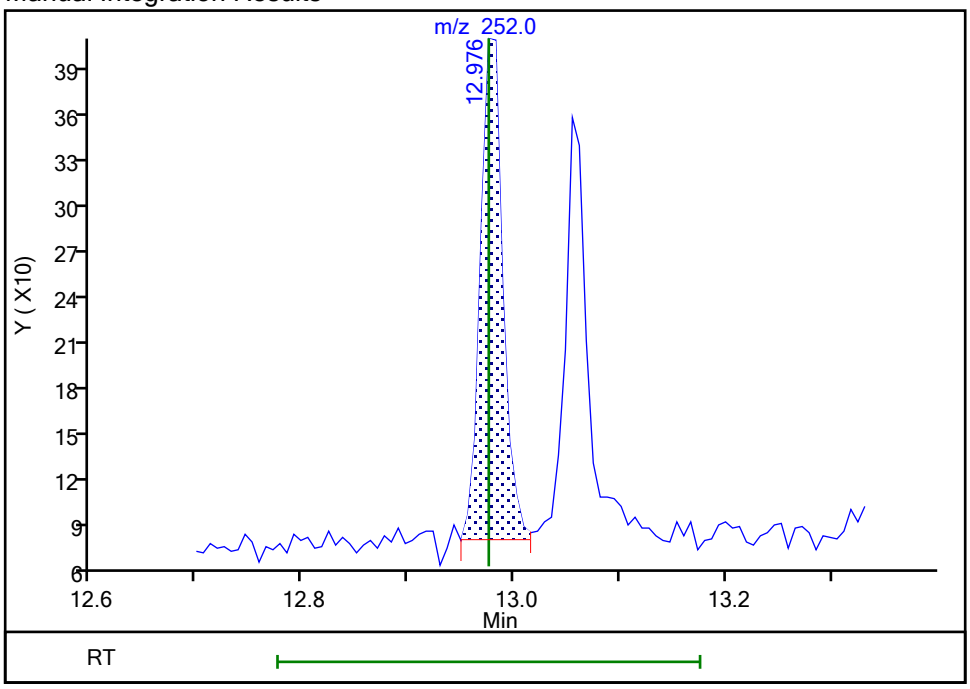
Processing Integration Results

RT: 13.05
Area: 354
Amount: 0.000699
Amount Units: ug/ml



Manual Integration Results

RT: 12.98
Area: 481
Amount: 0.000924
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 11:47:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

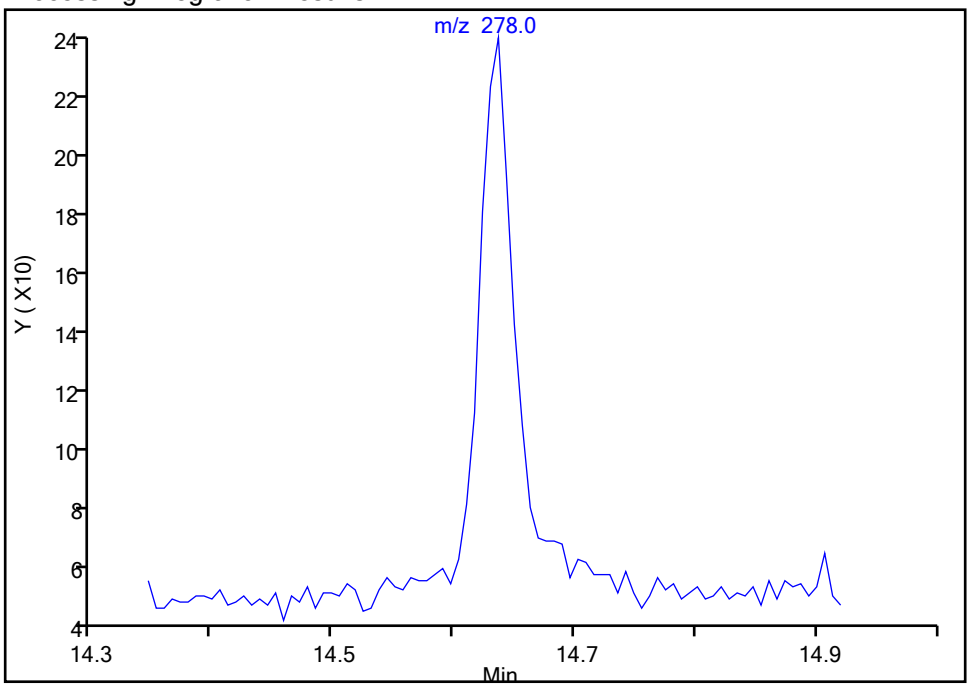
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D				
Injection Date:	05-Jun-2025 11:27:30	Instrument ID:	CBNAMS2		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

32 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

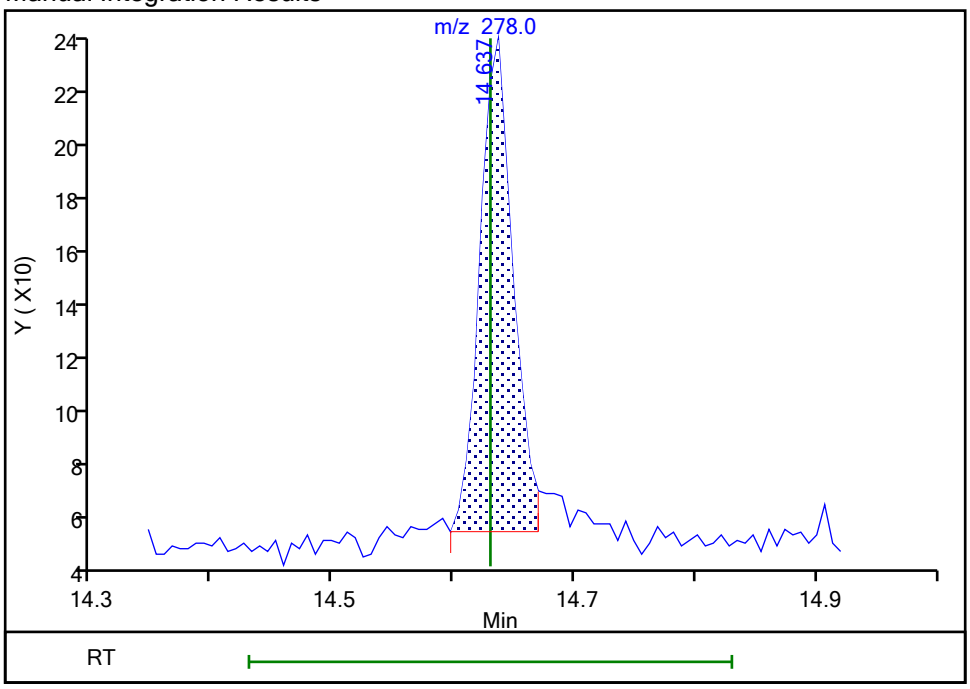
Not Detected
Expected RT: 14.63

Processing Integration Results



Manual Integration Results

RT: 14.64
Area: 342
Amount: 0.000783
Amount Units: ug/ml



Reviewer: QQ8R, 05-Jun-2025 11:48:43 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

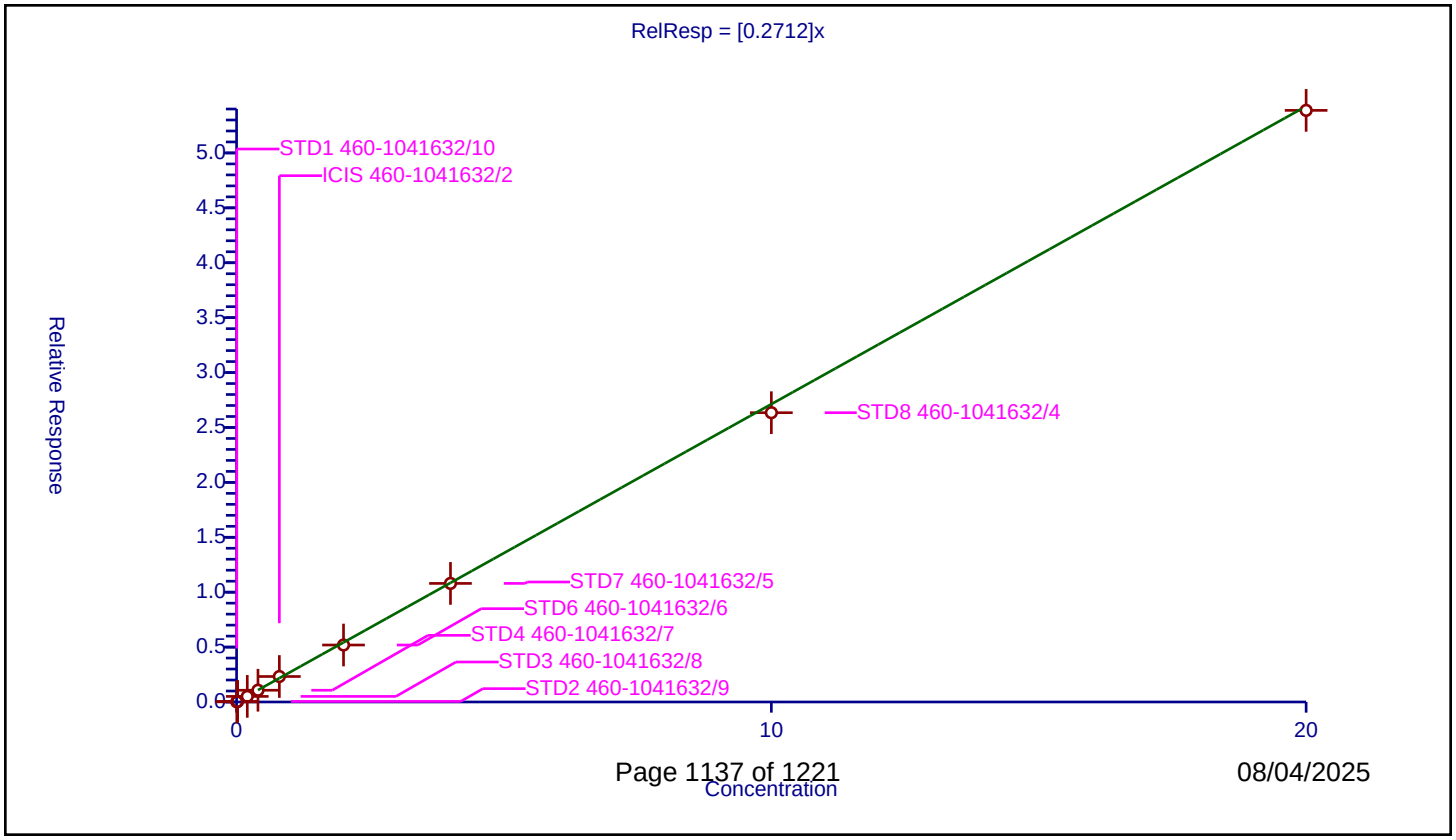
Curve Coefficients

Intercept:	0
Slope:	0.2712

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.004	0.001222	0.2	116540.0	0.305475	Y
2	STD2 460-1041632/9	0.02	0.005238	0.2	117680.0	0.261897	Y
3	STD3 460-1041632/8	0.2	0.050779	0.2	126300.0	0.253895	Y
4	STD4 460-1041632/7	0.4	0.10703	0.2	120575.0	0.267576	Y
5	ICIS 460-1041632/2	0.8	0.232139	0.2	120626.0	0.290174	Y
6	STD6 460-1041632/6	2.0	0.51874	0.2	111543.0	0.25937	Y
7	STD7 460-1041632/5	4.0	1.079853	0.2	104176.0	0.269963	Y
8	STD8 460-1041632/4	10.0	2.634534	0.2	105613.0	0.263453	Y
9	STD9 460-1041632/3	20.0	5.387562	0.2	106754.0	0.269378	Y



Calibration / N-Nitrosodimethylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

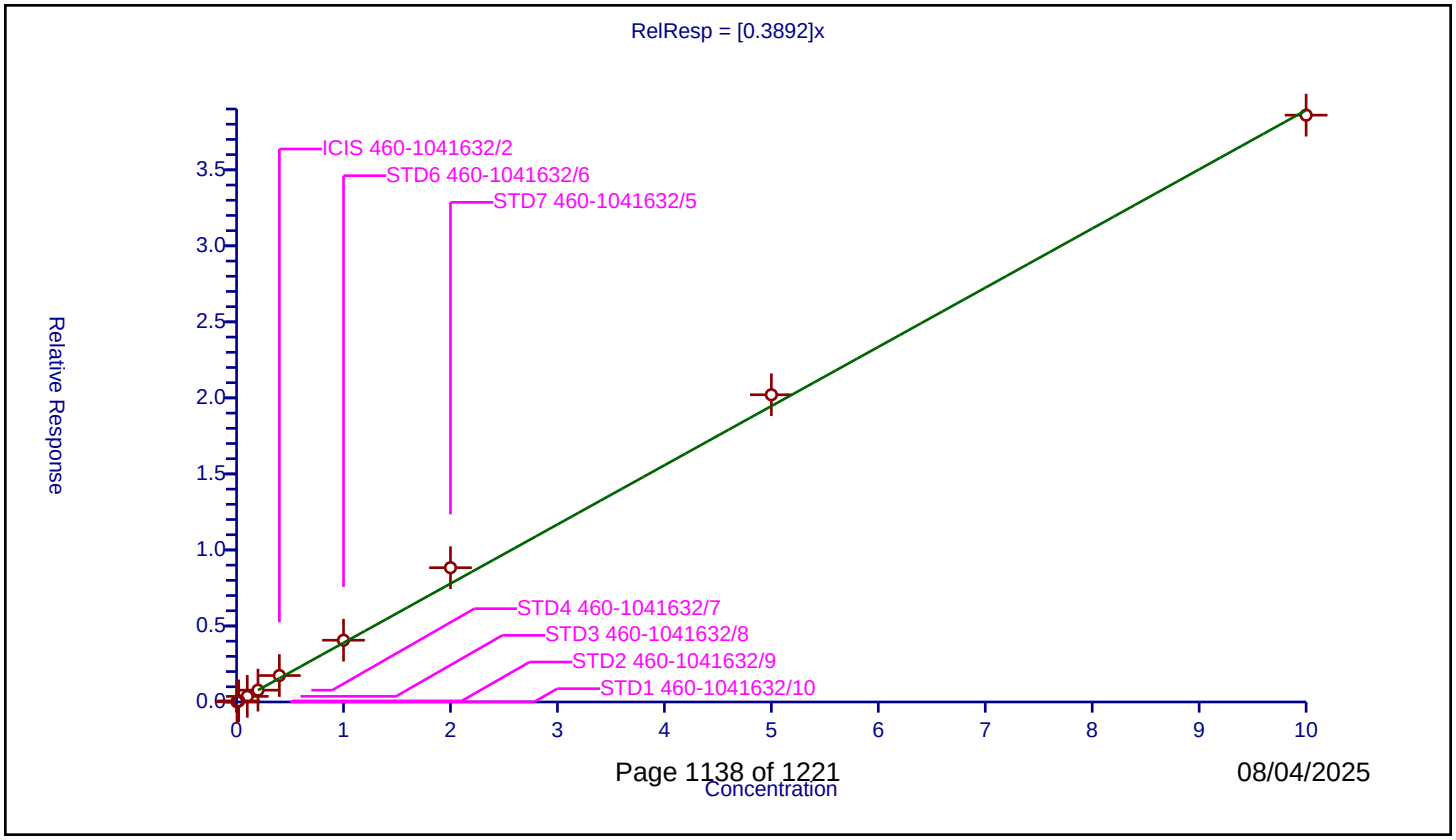
Curve Coefficients

Intercept:	0
Slope:	0.3892

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.004	0.001251	0.2	116540.0	0.312768	Y
2	STD2 460-1041632/9	0.02	0.007175	0.2	117680.0	0.35877	Y
3	STD3 460-1041632/8	0.1	0.036983	0.2	126300.0	0.369834	Y
4	STD4 460-1041632/7	0.2	0.077719	0.2	120575.0	0.388596	Y
5	ICIS 460-1041632/2	0.4	0.173924	0.2	120626.0	0.434811	Y
6	STD6 460-1041632/6	1.0	0.406363	0.2	111543.0	0.406363	Y
7	STD7 460-1041632/5	2.0	0.883223	0.2	104176.0	0.441611	Y
8	STD8 460-1041632/4	5.0	2.020795	0.2	105613.0	0.404159	Y
9	STD9 460-1041632/3	10.0	3.859646	0.2	106754.0	0.385965	Y



Calibration / Bis(2-chloroethyl)ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

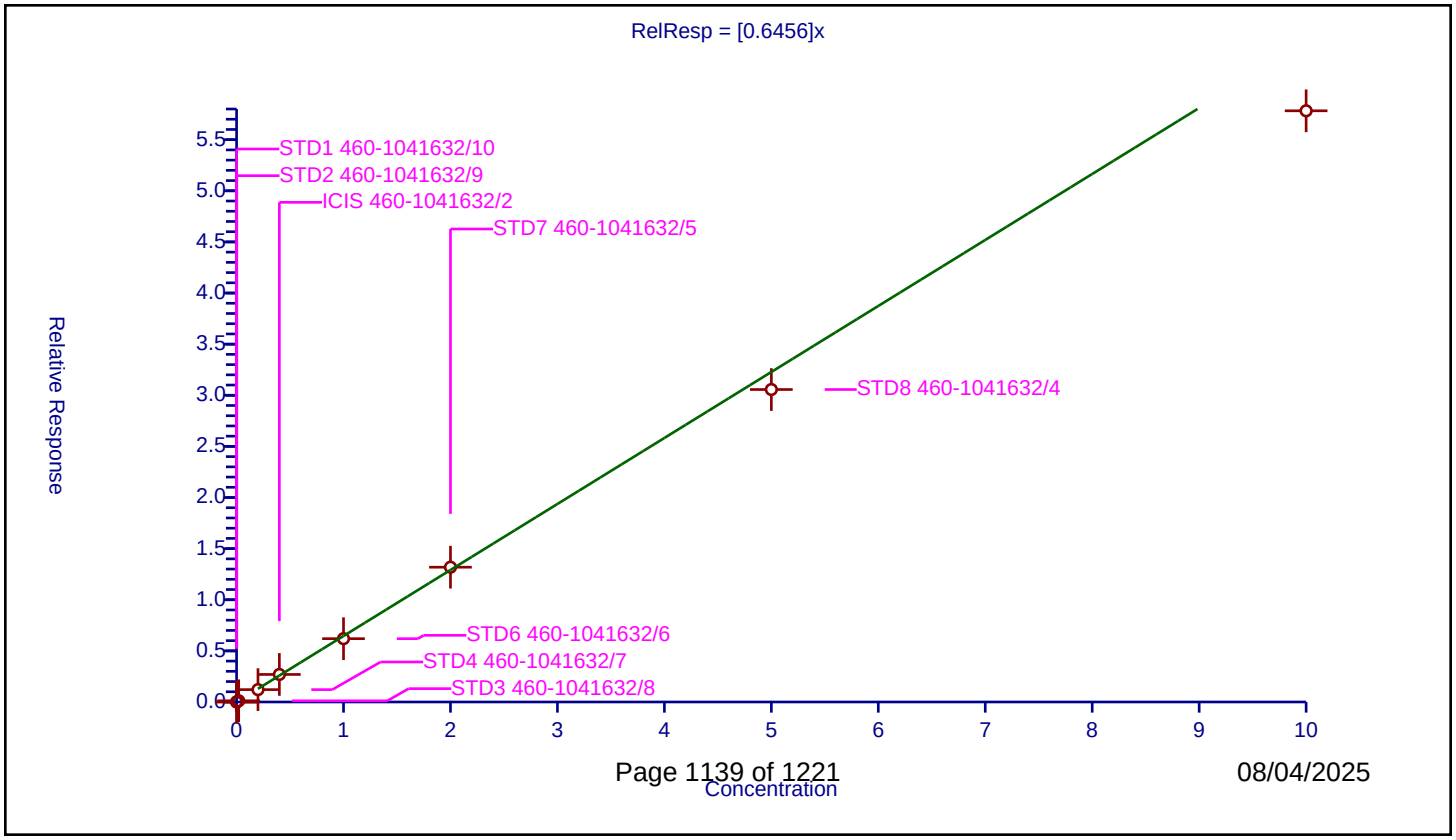
Curve Coefficients

Intercept:	0
Slope:	0.6456

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.0004	0.000311	0.2	116540.0	0.776557	Y
2	STD2 460-1041632/9	0.002	0.001412	0.2	117680.0	0.706152	Y
3	STD3 460-1041632/8	0.02	0.011626	0.2	126300.0	0.581314	Y
4	STD4 460-1041632/7	0.2	0.120931	0.2	120575.0	0.604653	Y
5	ICIS 460-1041632/2	0.4	0.269381	0.2	120626.0	0.673453	Y
6	STD6 460-1041632/6	1.0	0.619411	0.2	111543.0	0.619411	Y
7	STD7 460-1041632/5	2.0	1.318469	0.2	104176.0	0.659234	Y
8	STD8 460-1041632/4	5.0	3.056243	0.2	105613.0	0.611249	Y
9	STD9 460-1041632/3	10.0	5.782418	0.2	106754.0	0.578242	Y



Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

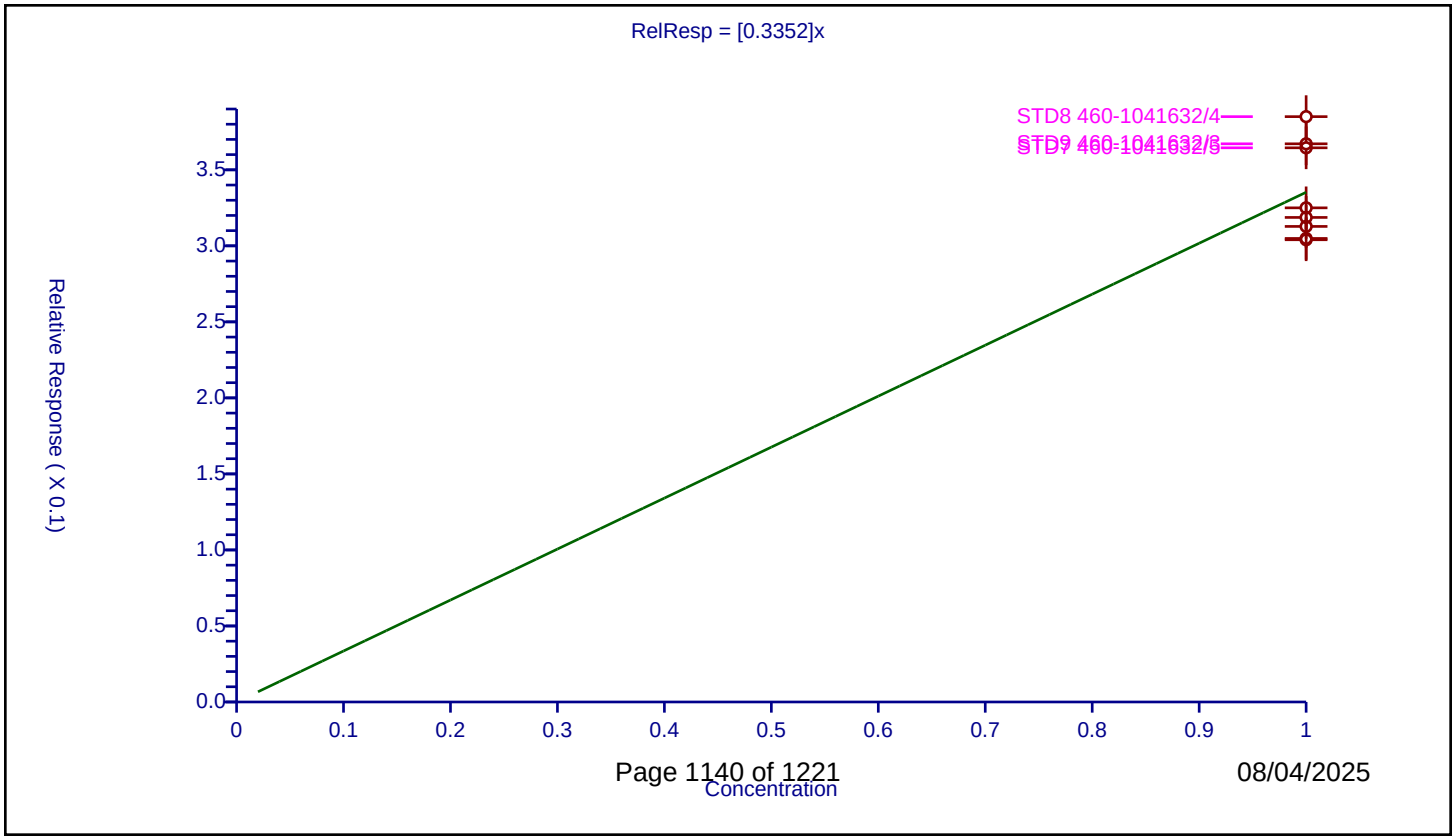
Curve Coefficients

Intercept:	0
Slope:	0.3352

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1041632/2	1.0	0.325004	0.2	245929.0	0.325004	Y
2	STD9 460-1041632/3	1.0	0.367111	0.2	204187.0	0.367111	Y
3	STD8 460-1041632/4	1.0	0.384976	0.2	208784.0	0.384976	Y
4	STD7 460-1041632/5	1.0	0.364479	0.2	208062.0	0.364479	Y
5	STD6 460-1041632/6	1.0	0.31868	0.2	225525.0	0.31868	Y
6	STD4 460-1041632/7	1.0	0.312783	0.2	241586.0	0.312783	Y
7	STD3 460-1041632/8	1.0	0.304013	0.2	248347.0	0.304013	Y
8	STD2 460-1041632/9	1.0	0.304858	0.2	229685.0	0.304858	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

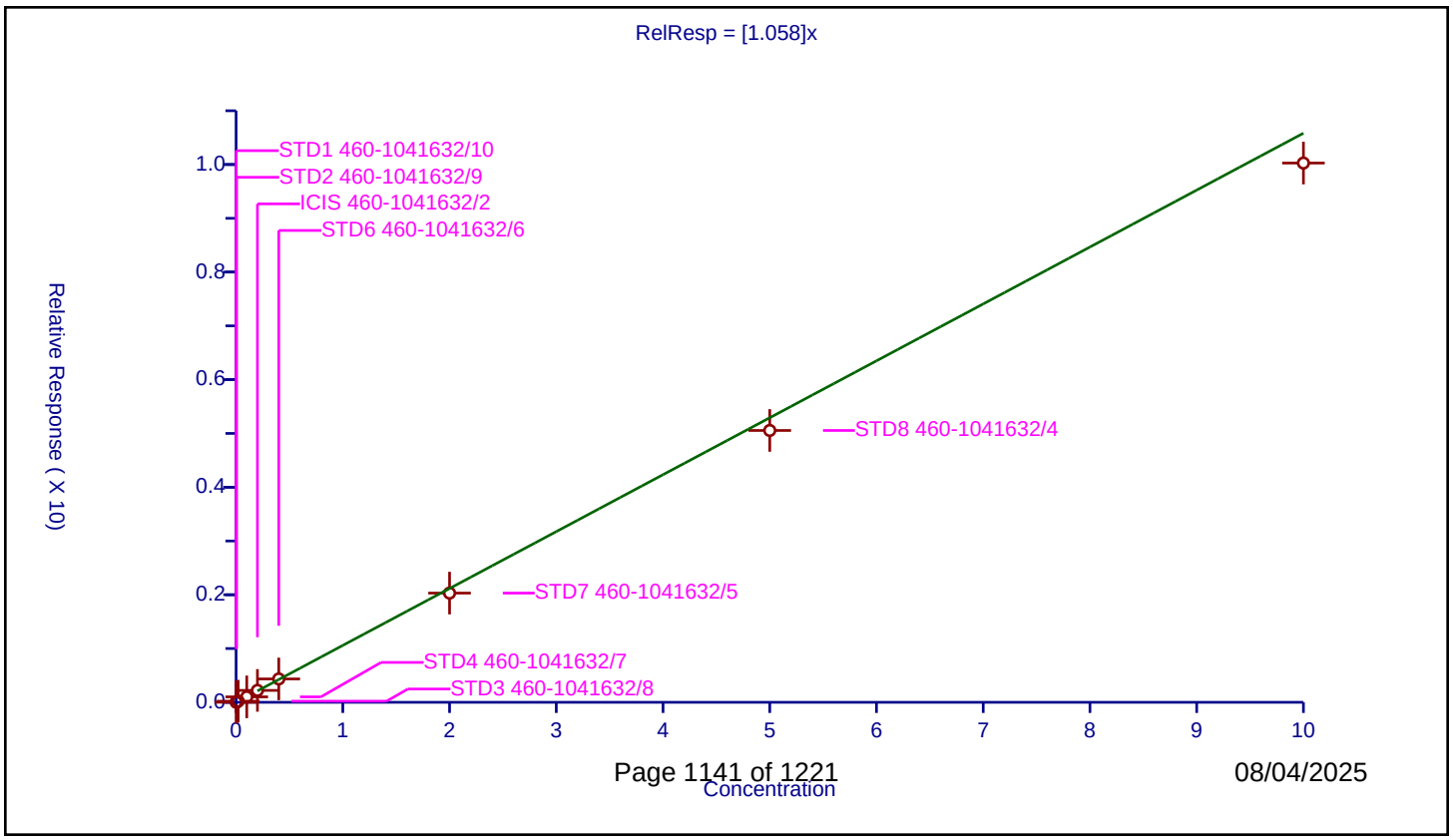
Curve Coefficients

Intercept:	0
Slope:	1.058

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.001094	0.2	230623.0	1.09356	Y
2	STD2 460-1041632/9	0.005	0.005726	0.2	229685.0	1.145221	Y
3	STD3 460-1041632/8	0.02	0.021069	0.2	248347.0	1.053445	Y
4	STD4 460-1041632/7	0.1	0.10103	0.2	241586.0	1.010299	Y
5	ICIS 460-1041632/2	0.2	0.22123	0.2	245929.0	1.106149	Y
6	STD6 460-1041632/6	0.4	0.434542	0.2	225525.0	1.086354	Y
7	STD7 460-1041632/5	2.0	2.030971	0.2	208062.0	1.015485	Y
8	STD8 460-1041632/4	5.0	5.055095	0.2	208784.0	1.011019	Y
9	STD9 460-1041632/3	10.0	10.027508	0.2	204187.0	1.002751	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

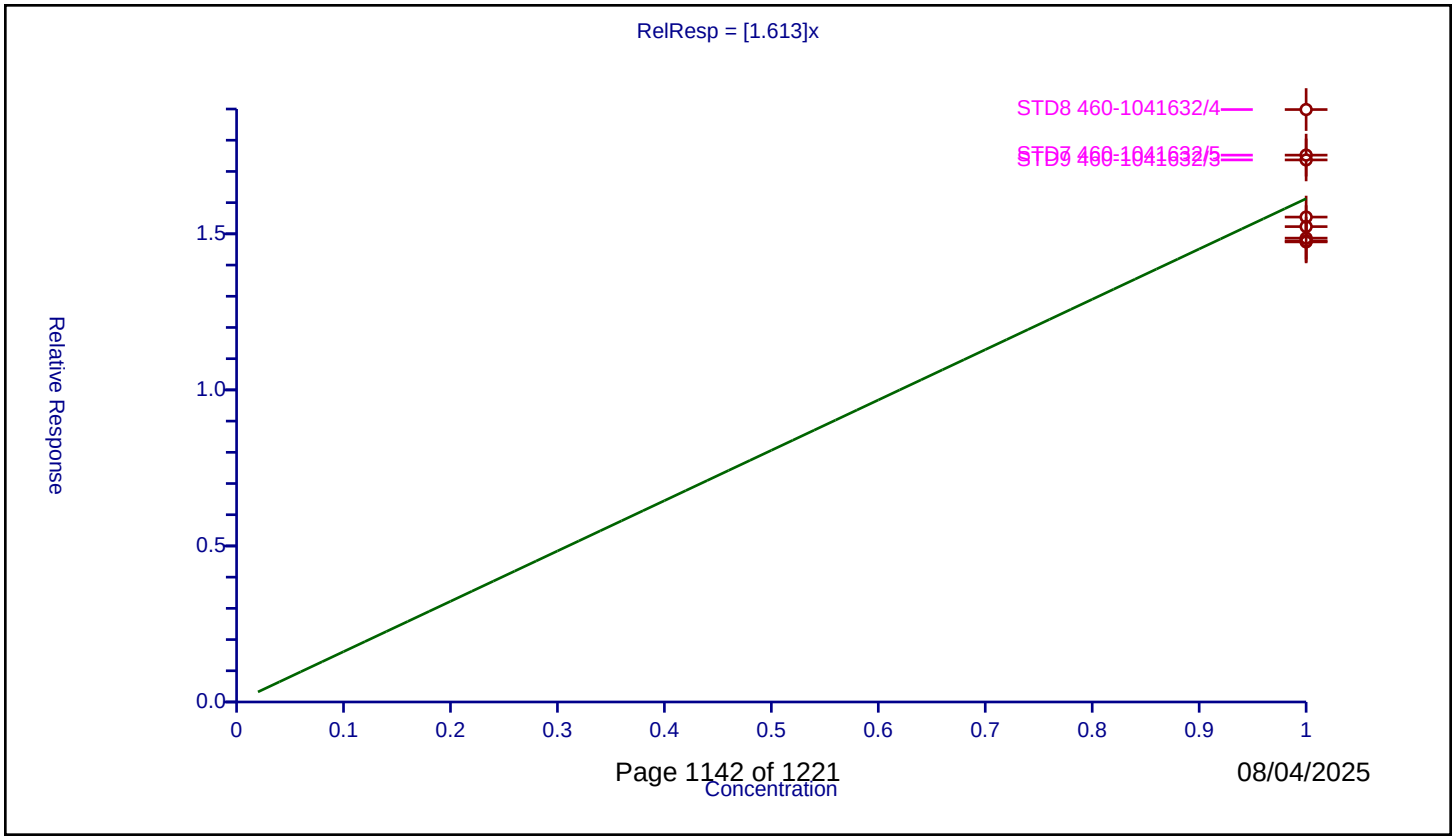
Curve Coefficients

Intercept:	0
Slope:	1.613

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1041632/2	1.0	1.553776	0.2	124144.0	1.553776	Y
2	STD9 460-1041632/3	1.0	1.736894	0.2	108579.0	1.736894	Y
3	STD8 460-1041632/4	1.0	1.898251	0.2	111109.0	1.898251	Y
4	STD7 460-1041632/5	1.0	1.752241	0.2	105555.0	1.752241	Y
5	STD6 460-1041632/6	1.0	1.523191	0.2	114921.0	1.523191	Y
6	STD4 460-1041632/7	1.0	1.486294	0.2	124600.0	1.486294	Y
7	STD3 460-1041632/8	1.0	1.474242	0.2	126149.0	1.474242	Y
8	STD2 460-1041632/9	1.0	1.477016	0.2	117911.0	1.477016	Y



Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

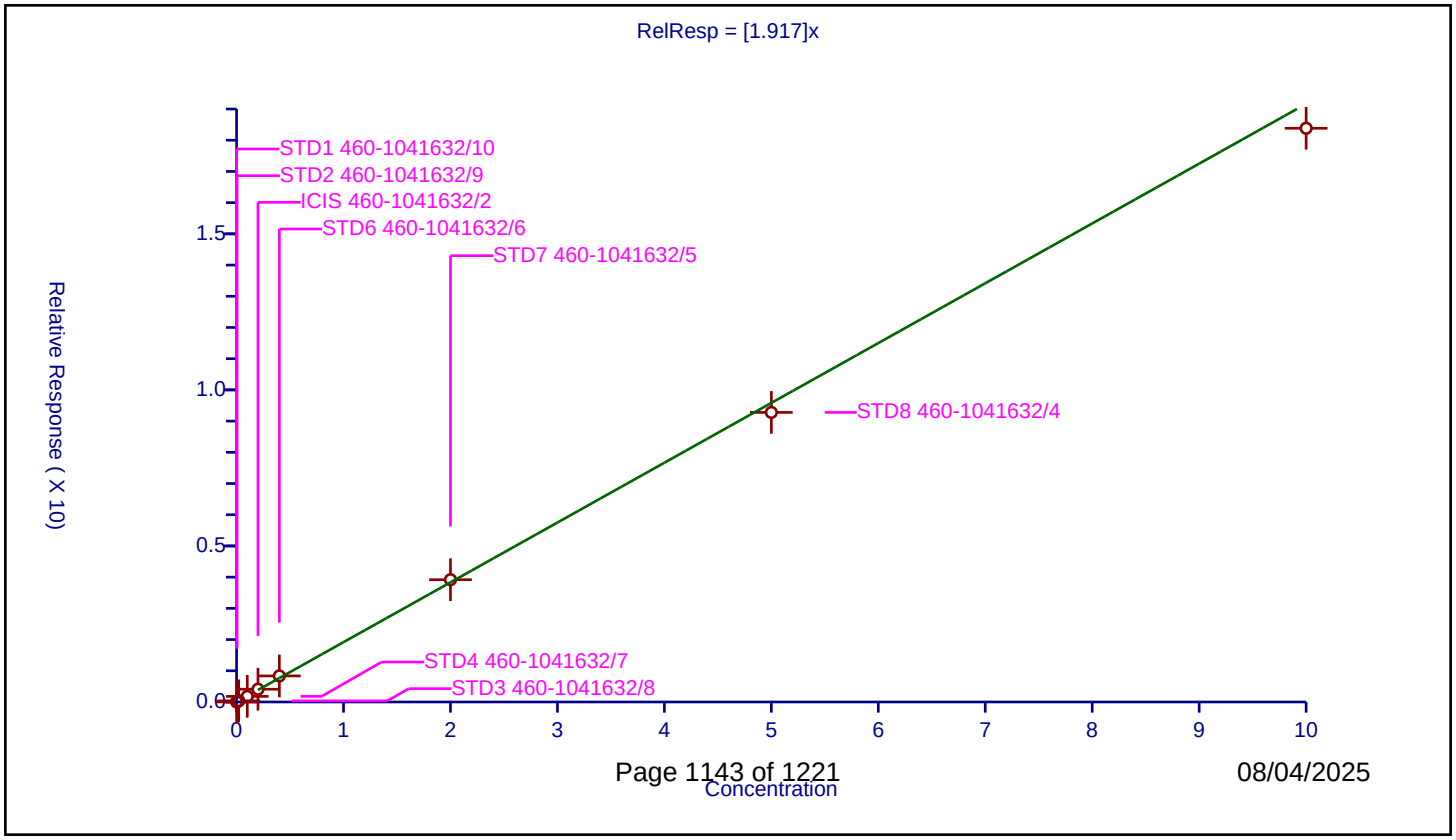
Curve Coefficients

Intercept:	0
Slope:	1.917

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.001922	0.2	114585.0	1.921718	Y
2	STD2 460-1041632/9	0.005	0.00969	0.2	117911.0	1.938072	Y
3	STD3 460-1041632/8	0.02	0.036091	0.2	126149.0	1.804533	Y
4	STD4 460-1041632/7	0.1	0.179554	0.2	124600.0	1.795538	Y
5	ICIS 460-1041632/2	0.2	0.40976	0.2	124144.0	2.048798	Y
6	STD6 460-1041632/6	0.4	0.834876	0.2	114921.0	2.08719	Y
7	STD7 460-1041632/5	2.0	3.918397	0.2	105555.0	1.959199	Y
8	STD8 460-1041632/4	5.0	9.278557	0.2	111109.0	1.855711	Y
9	STD9 460-1041632/3	10.0	18.382781	0.2	108579.0	1.838278	Y



08/04/2025

Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

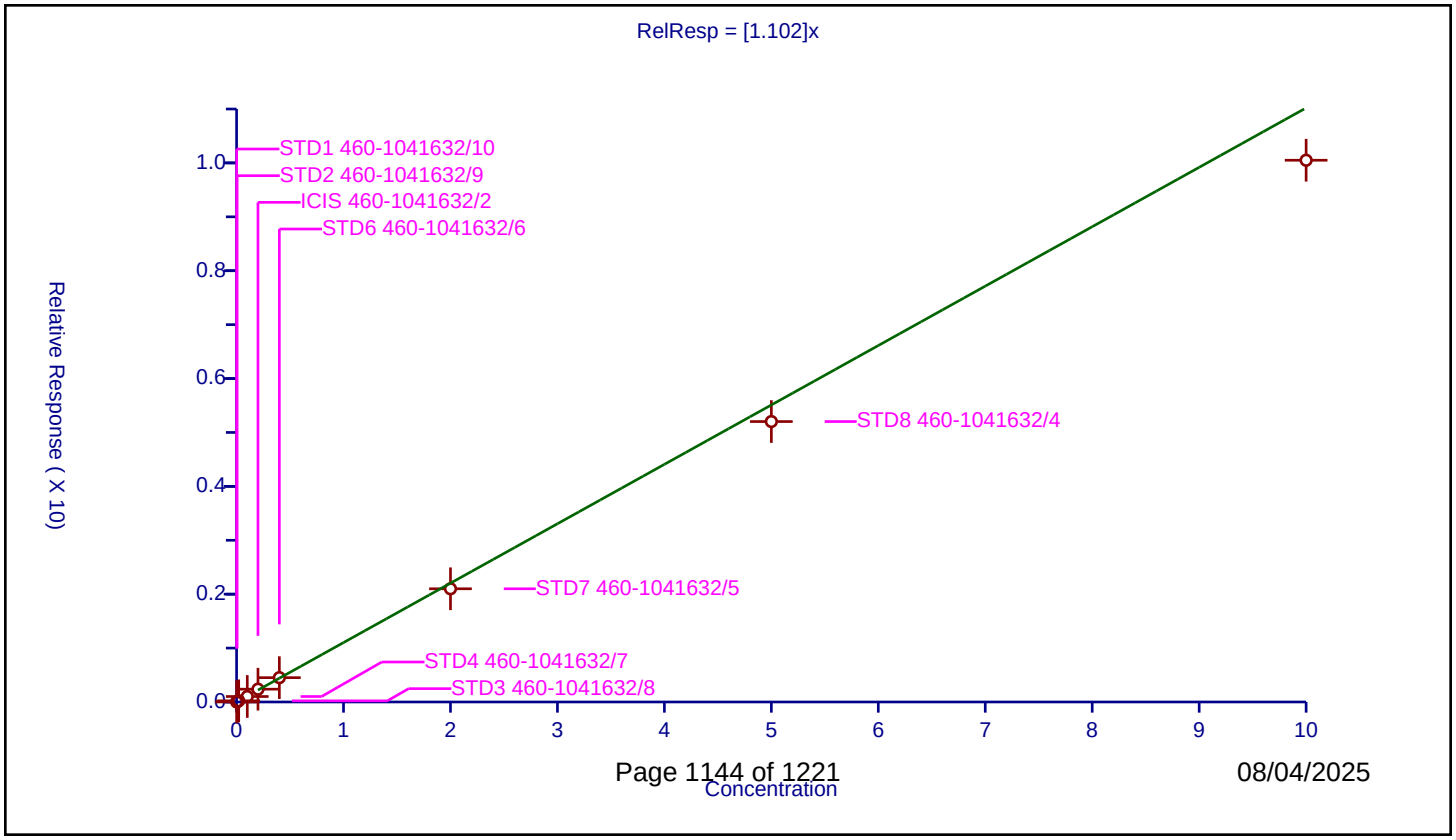
Curve Coefficients

Intercept:	0
Slope:	1.102

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.00125	0.2	114585.0	1.249727	Y
2	STD2 460-1041632/9	0.005	0.005809	0.2	117911.0	1.161893	Y
3	STD3 460-1041632/8	0.02	0.021589	0.2	126149.0	1.079438	Y
4	STD4 460-1041632/7	0.1	0.101587	0.2	124600.0	1.015875	Y
5	ICIS 460-1041632/2	0.2	0.237531	0.2	124144.0	1.187653	Y
6	STD6 460-1041632/6	0.4	0.451333	0.2	114921.0	1.128332	Y
7	STD7 460-1041632/5	2.0	2.09994	0.2	105555.0	1.04997	Y
8	STD8 460-1041632/4	5.0	5.202275	0.2	111109.0	1.040455	Y
9	STD9 460-1041632/3	10.0	10.049809	0.2	108579.0	1.004981	Y



08/04/2025

Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

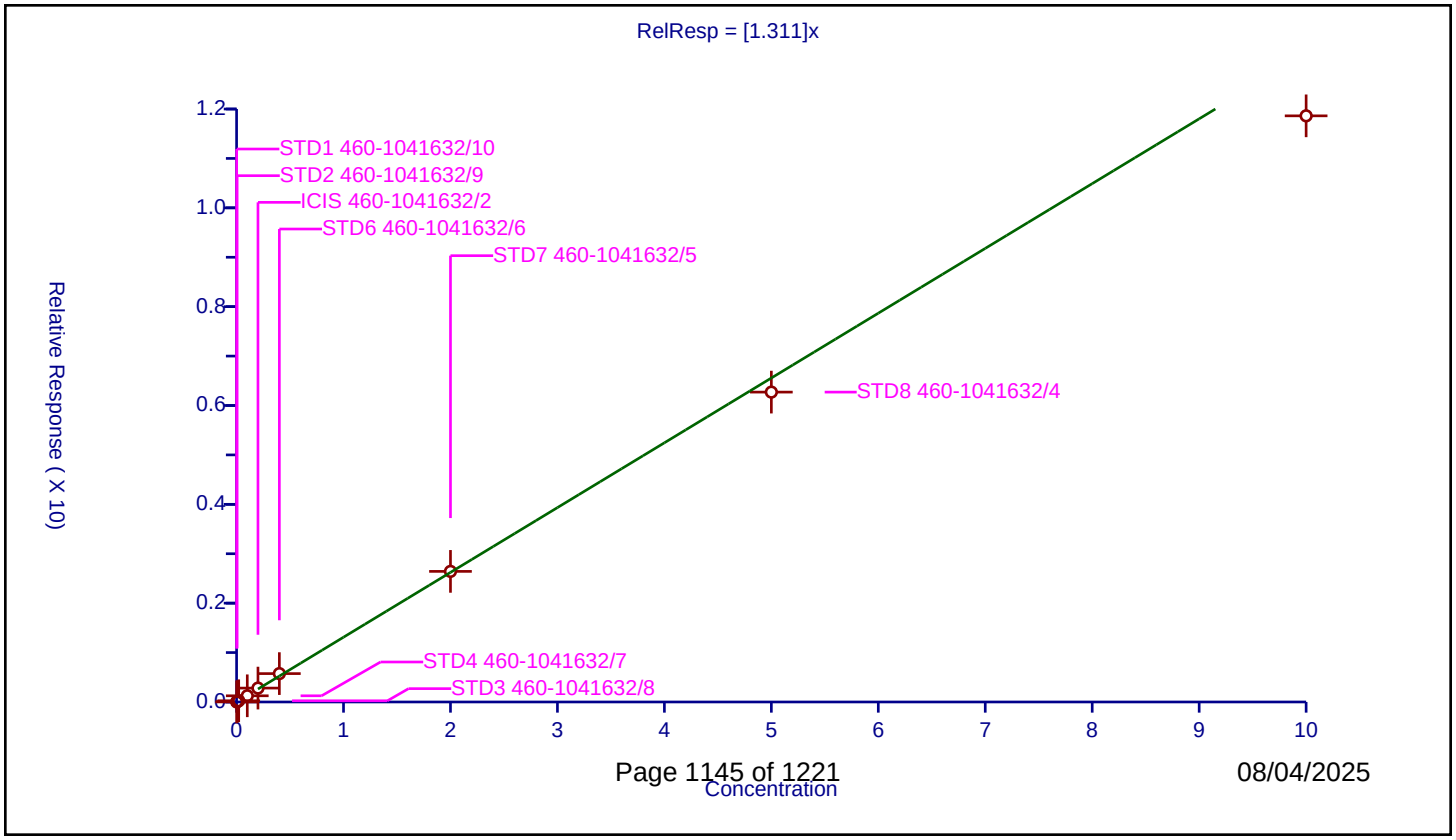
Curve Coefficients

Intercept:	0
Slope:	1.311

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.00134	0.2	114585.0	1.34049	Y
2	STD2 460-1041632/9	0.005	0.006863	0.2	117911.0	1.372561	Y
3	STD3 460-1041632/8	0.02	0.024622	0.2	126149.0	1.231084	Y
4	STD4 460-1041632/7	0.1	0.125303	0.2	124600.0	1.253034	Y
5	ICIS 460-1041632/2	0.2	0.281341	0.2	124144.0	1.406705	Y
6	STD6 460-1041632/6	0.4	0.574375	0.2	114921.0	1.435939	Y
7	STD7 460-1041632/5	2.0	2.642829	0.2	105555.0	1.321414	Y
8	STD8 460-1041632/4	5.0	6.270875	0.2	111109.0	1.254175	Y
9	STD9 460-1041632/3	10.0	11.861936	0.2	108579.0	1.186194	Y



Calibration / 4,6-Dinitro-2-methylphenol

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

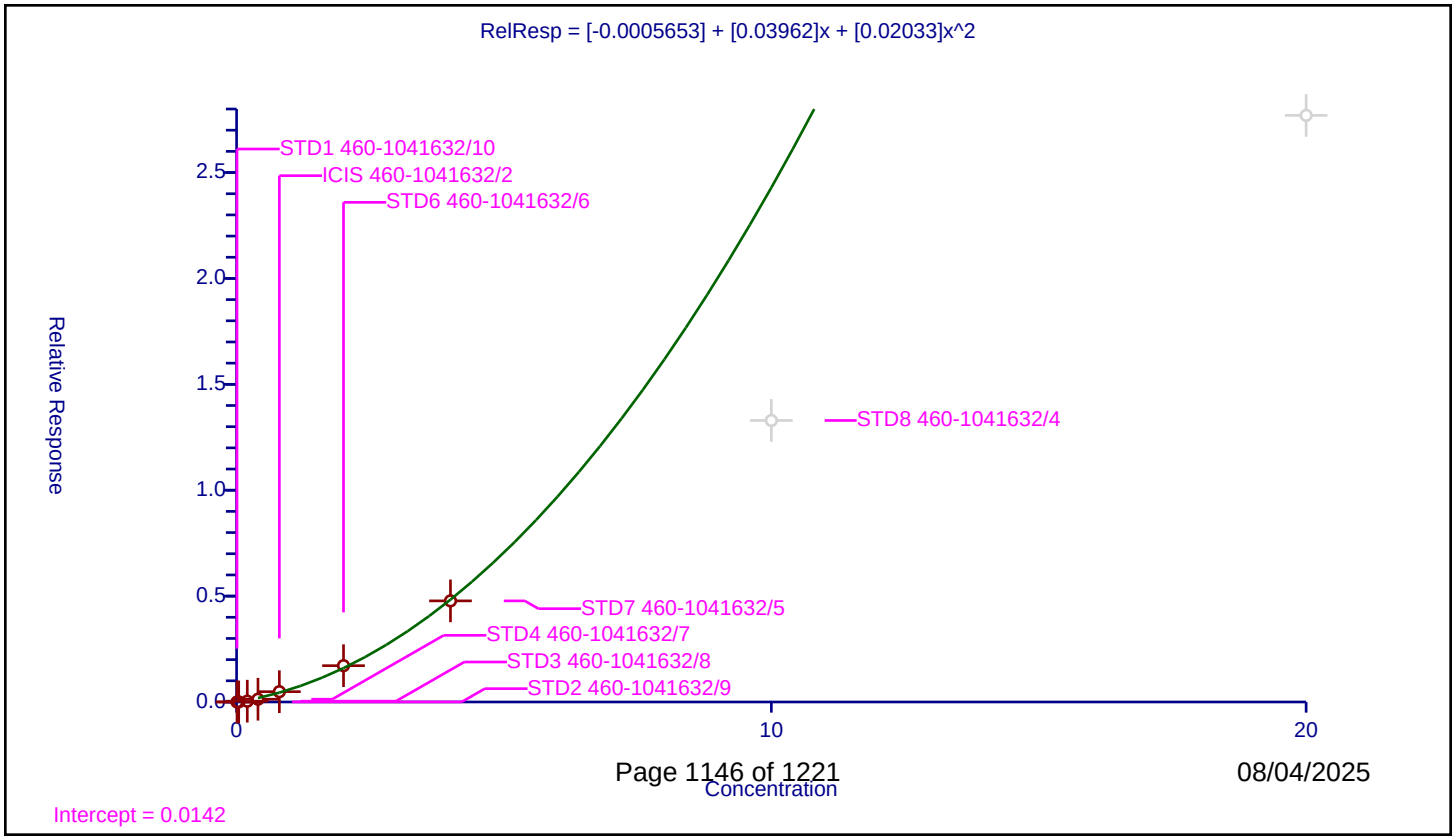
Curve Coefficients

Intercept:	-0.0005653
Slope:	0.03962
Second Order:	0.02033

Error Coefficients

Relative Standard Deviation:	59.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.008	0.000073	0.2	211928.0	0.009083	Y
2	STD2 460-1041632/9	0.04	0.000478	0.2	213589.0	0.011939	Y
3	STD3 460-1041632/8	0.2	0.003816	0.2	227438.0	0.019078	Y
4	STD4 460-1041632/7	0.4	0.01304	0.2	222509.0	0.032601	Y
5	ICIS 460-1041632/2	0.8	0.048674	0.2	221663.0	0.060842	Y
6	STD6 460-1041632/6	2.0	0.171412	0.2	210824.0	0.085706	Y
7	STD7 460-1041632/5	4.0	0.477391	0.2	186771.0	0.119348	Y
8	STD8 460-1041632/4	10.0	1.329289	0.2	203882.0	0.132929	N
9	STD9 460-1041632/3	20.0	2.769872	0.2	199819.0	0.138494	N



Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

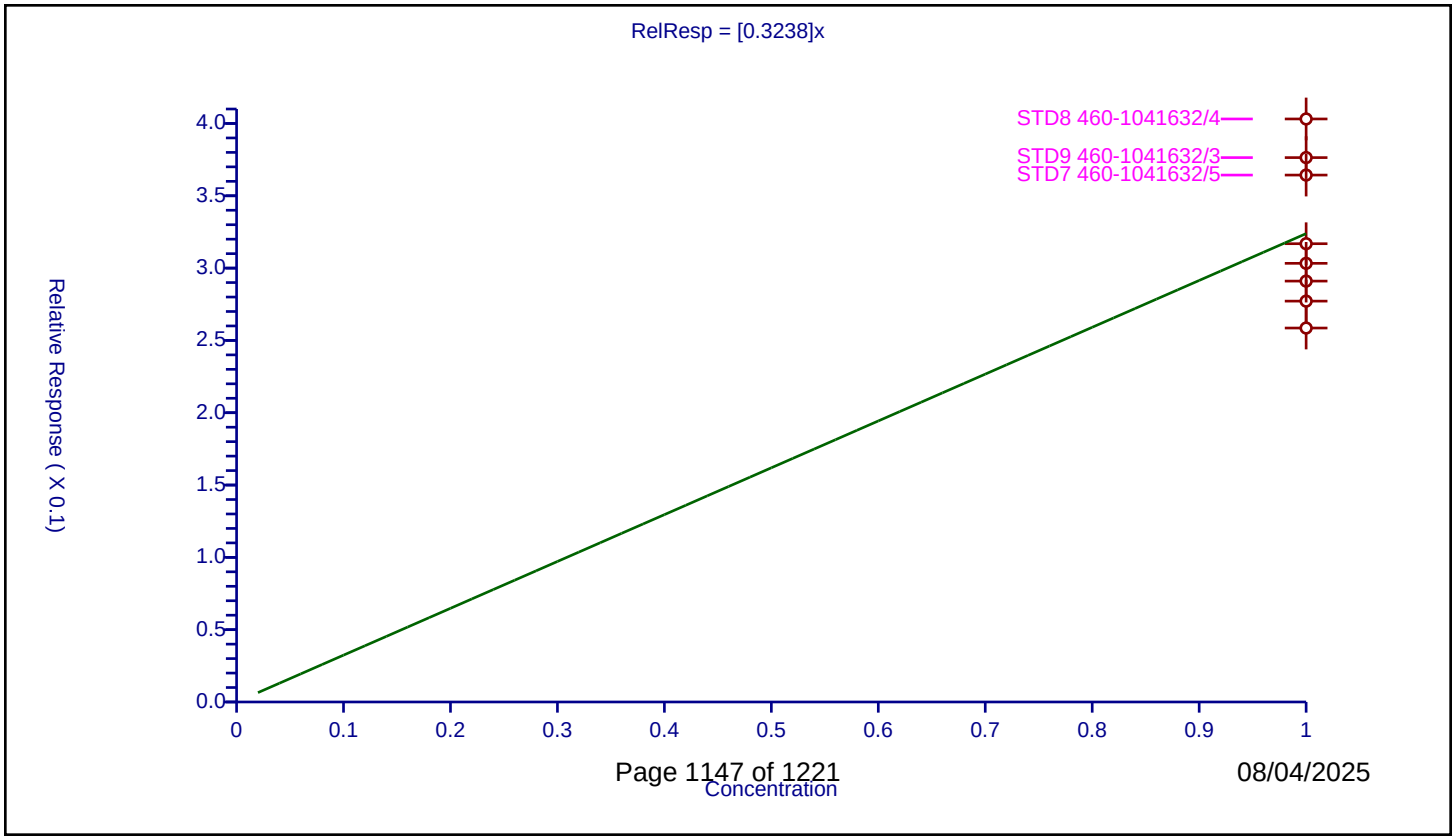
Curve Coefficients

Intercept:	0
Slope:	0.3238

Error Coefficients

Relative Standard Deviation:	15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1041632/2	1.0	0.303299	0.2	124144.0	0.303299	Y
2	STD9 460-1041632/3	1.0	0.376406	0.2	108579.0	0.376406	Y
3	STD8 460-1041632/4	1.0	0.403116	0.2	111109.0	0.403116	Y
4	STD7 460-1041632/5	1.0	0.364329	0.2	105555.0	0.364329	Y
5	STD6 460-1041632/6	1.0	0.316873	0.2	114921.0	0.316873	Y
6	STD4 460-1041632/7	1.0	0.291016	0.2	124600.0	0.291016	Y
7	STD3 460-1041632/8	1.0	0.277179	0.2	126149.0	0.277179	Y
8	STD2 460-1041632/9	1.0	0.258568	0.2	117911.0	0.258568	Y



Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

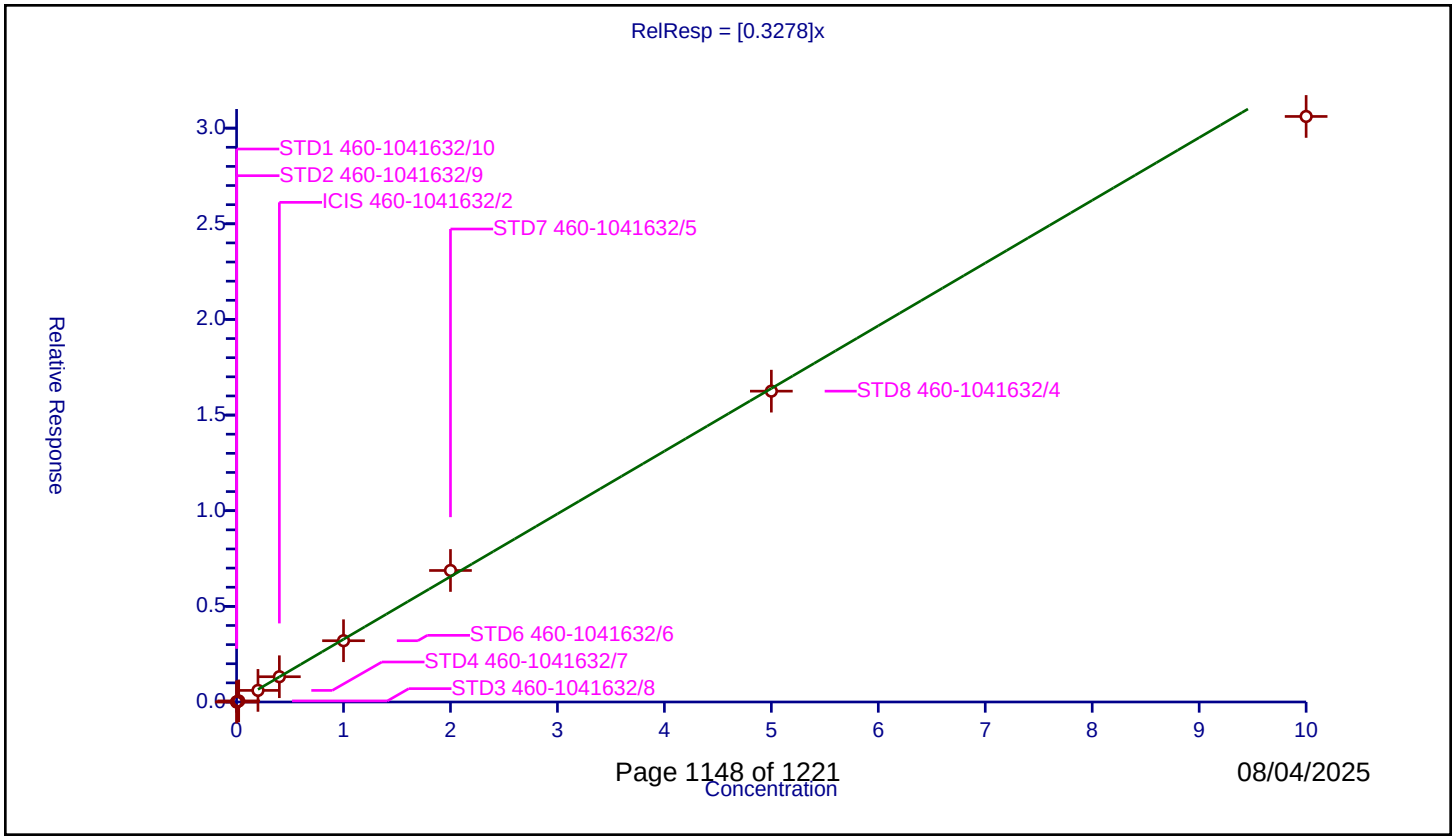
Curve Coefficients

Intercept:	0
Slope:	0.3278

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.0004	0.000161	0.2	211928.0	0.403439	Y
2	STD2 460-1041632/9	0.002	0.000671	0.2	213589.0	0.335691	Y
3	STD3 460-1041632/8	0.02	0.00566	0.2	227438.0	0.282978	Y
4	STD4 460-1041632/7	0.2	0.060607	0.2	222509.0	0.303035	Y
5	ICIS 460-1041632/2	0.4	0.132073	0.2	221663.0	0.330184	Y
6	STD6 460-1041632/6	1.0	0.320237	0.2	210824.0	0.320237	Y
7	STD7 460-1041632/5	2.0	0.687436	0.2	186771.0	0.343718	Y
8	STD8 460-1041632/4	5.0	1.625103	0.2	203882.0	0.325021	Y
9	STD9 460-1041632/3	10.0	3.061107	0.2	199819.0	0.306111	Y



Calibration / Pentachlorophenol

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

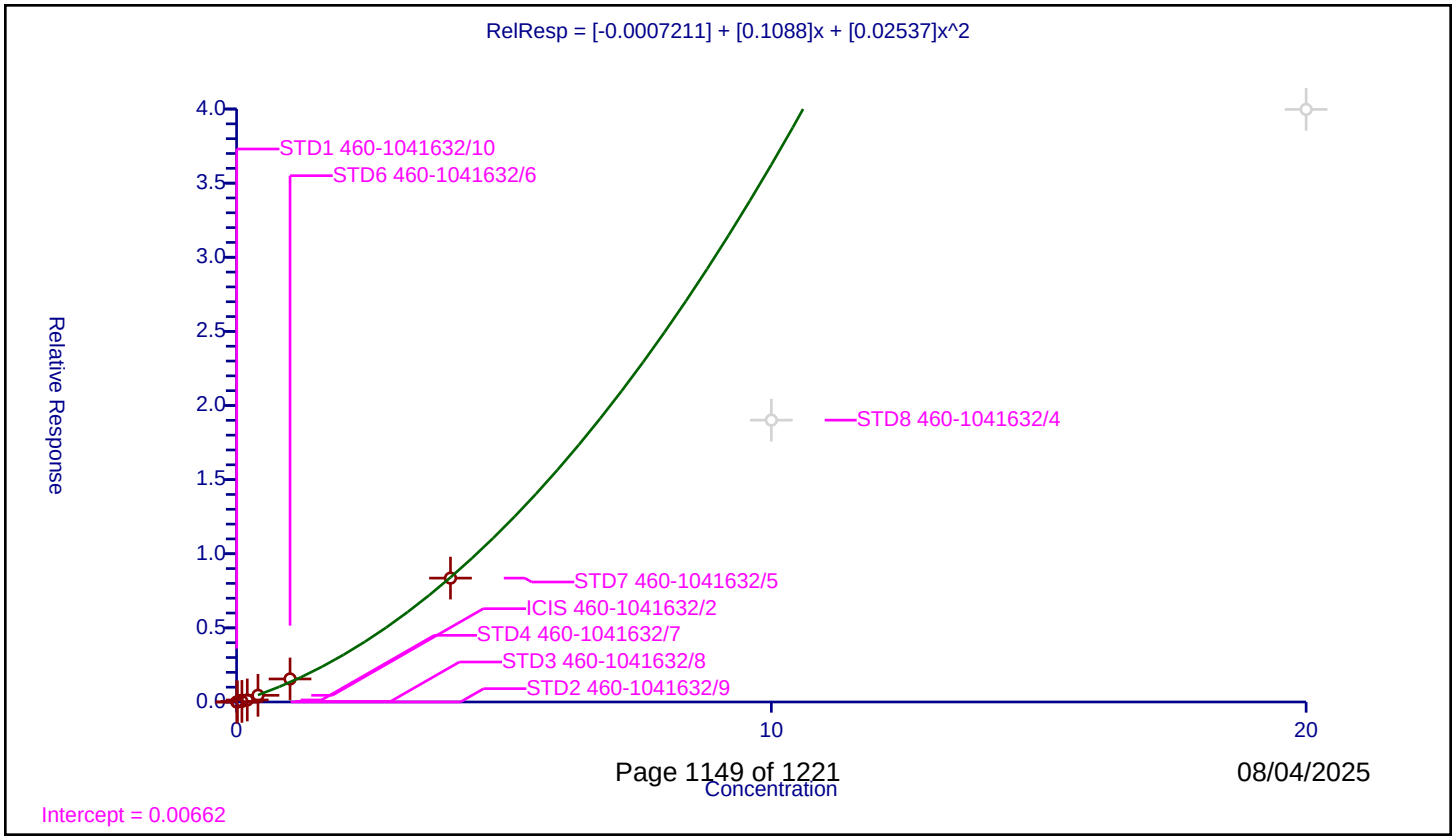
Curve Coefficients

Intercept:	-0.0007211
Slope:	0.1088
Second Order:	0.02537

Error Coefficients

Relative Standard Deviation:	77.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.0032	0.000084	0.2	211928.0	0.026247	Y
2	STD2 460-1041632/9	0.016	0.000209	0.2	213589.0	0.013051	Y
3	STD3 460-1041632/8	0.1	0.003873	0.2	227438.0	0.038727	Y
4	STD4 460-1041632/7	0.2	0.01351	0.2	222509.0	0.067548	Y
5	ICIS 460-1041632/2	0.4	0.045122	0.2	221663.0	0.112804	Y
6	STD6 460-1041632/6	1.0	0.155281	0.2	210824.0	0.155281	Y
7	STD7 460-1041632/5	4.0	0.835632	0.2	186771.0	0.208908	Y
8	STD8 460-1041632/4	10.0	1.90122	0.2	203882.0	0.190122	N
9	STD9 460-1041632/3	20.0	3.997318	0.2	199819.0	0.199866	N



Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

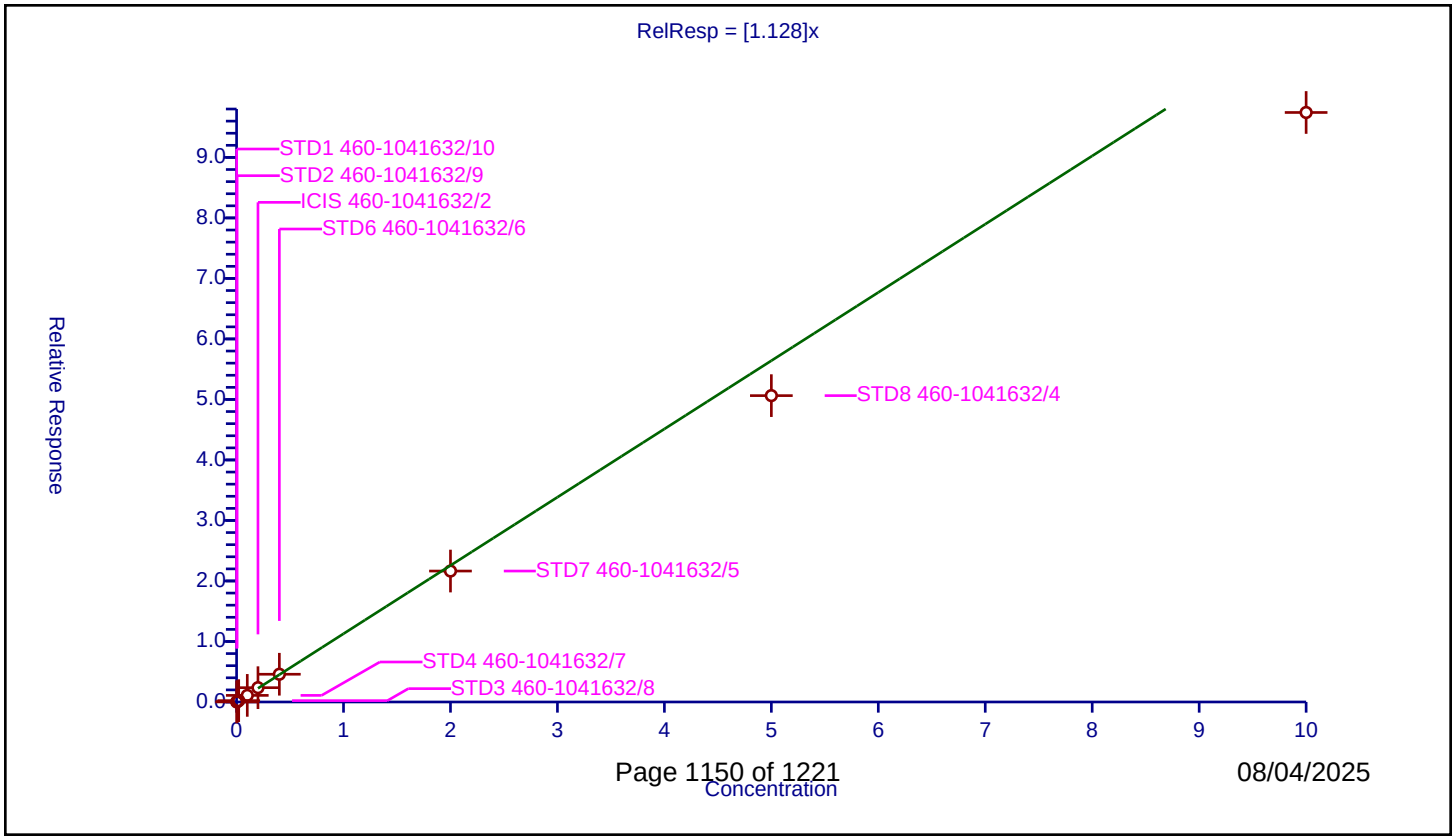
Curve Coefficients

Intercept:	0
Slope:	1.128

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.001299	0.2	211928.0	1.298554	Y
2	STD2 460-1041632/9	0.005	0.006293	0.2	213589.0	1.258679	Y
3	STD3 460-1041632/8	0.02	0.022123	0.2	227438.0	1.106148	Y
4	STD4 460-1041632/7	0.1	0.10912	0.2	222509.0	1.091201	Y
5	ICIS 460-1041632/2	0.2	0.236554	0.2	221663.0	1.182768	Y
6	STD6 460-1041632/6	0.4	0.45864	0.2	210824.0	1.146601	Y
7	STD7 460-1041632/5	2.0	2.164307	0.2	186771.0	1.082154	Y
8	STD8 460-1041632/4	5.0	5.063268	0.2	203882.0	1.012654	Y
9	STD9 460-1041632/3	10.0	9.742824	0.2	199819.0	0.974282	Y



Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

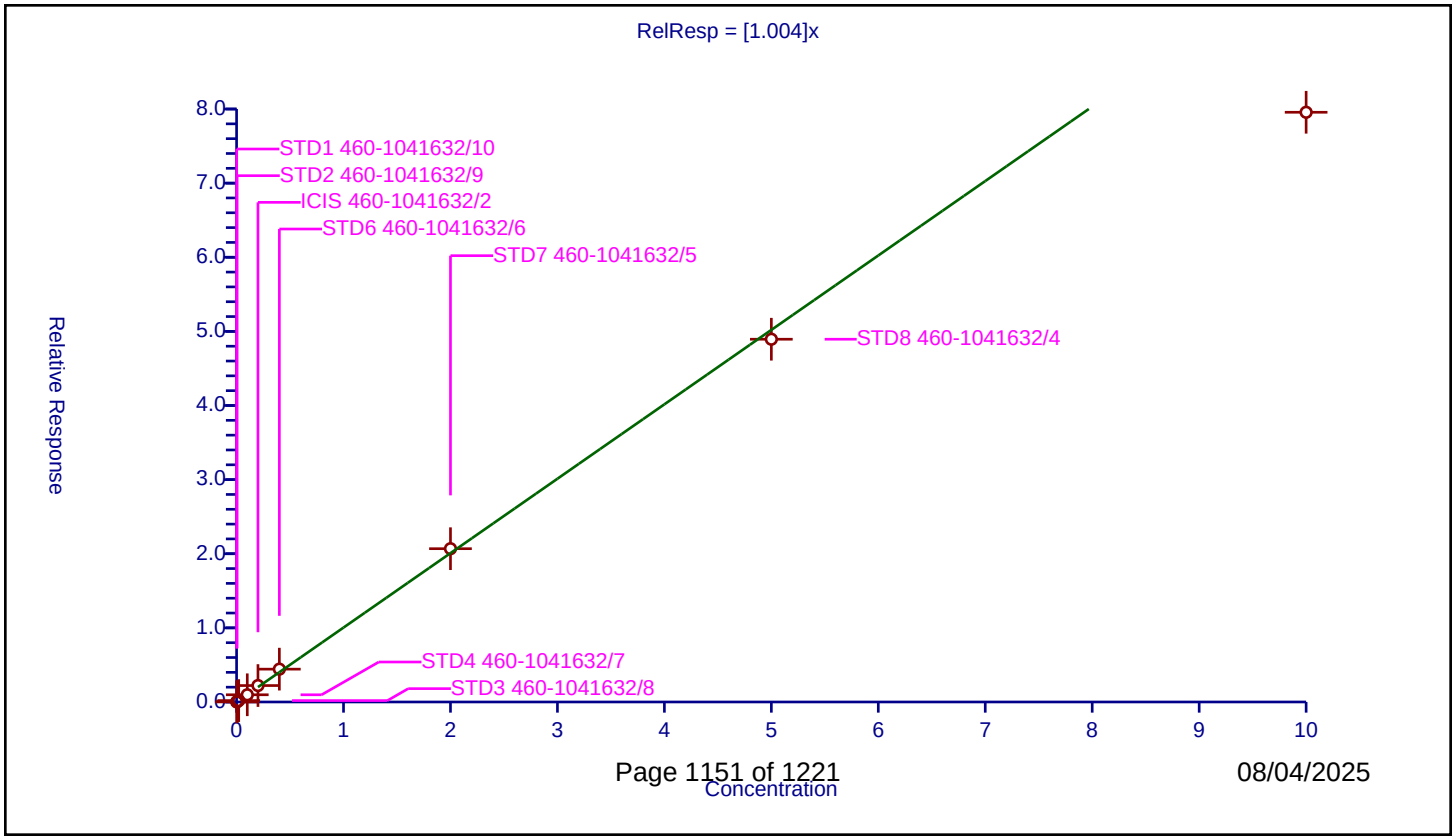
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.001038	0.2	211928.0	1.038088	Y
2	STD2 460-1041632/9	0.005	0.005265	0.2	213589.0	1.05305	Y
3	STD3 460-1041632/8	0.02	0.018948	0.2	227438.0	0.947423	Y
4	STD4 460-1041632/7	0.1	0.097161	0.2	222509.0	0.97161	Y
5	ICIS 460-1041632/2	0.2	0.22195	0.2	221663.0	1.109752	Y
6	STD6 460-1041632/6	0.4	0.442985	0.2	210824.0	1.107462	Y
7	STD7 460-1041632/5	2.0	2.068205	0.2	186771.0	1.034103	Y
8	STD8 460-1041632/4	5.0	4.894044	0.2	203882.0	0.978809	Y
9	STD9 460-1041632/3	10.0	7.955984	0.2	199819.0	0.795598	Y



Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

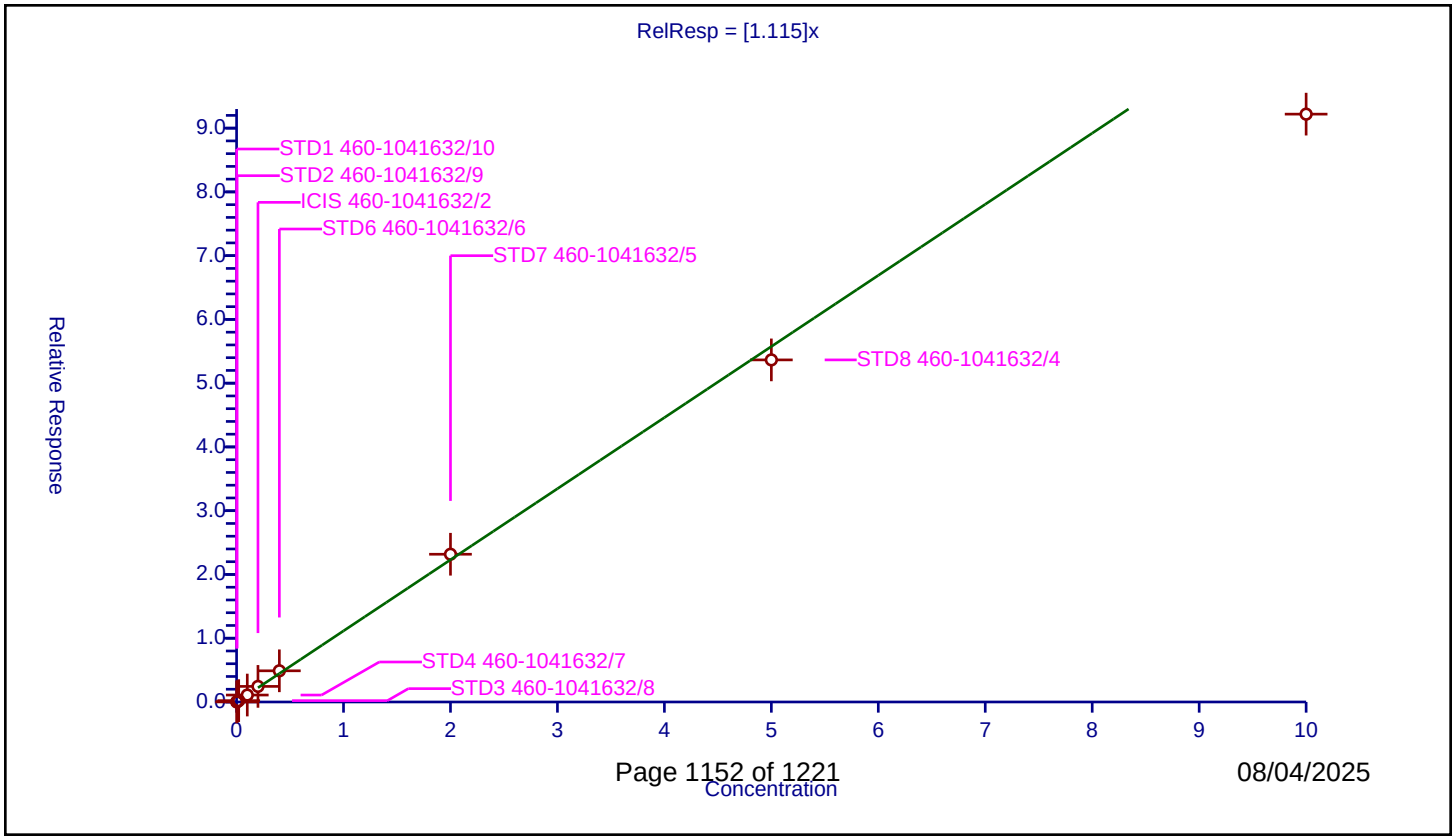
Curve Coefficients

Intercept:	0
Slope:	1.115

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.001137	0.2	211928.0	1.137179	Y
2	STD2 460-1041632/9	0.005	0.005795	0.2	213589.0	1.159048	Y
3	STD3 460-1041632/8	0.02	0.021059	0.2	227438.0	1.052946	Y
4	STD4 460-1041632/7	0.1	0.108773	0.2	222509.0	1.087731	Y
5	ICIS 460-1041632/2	0.2	0.24442	0.2	221663.0	1.222098	Y
6	STD6 460-1041632/6	0.4	0.489263	0.2	210824.0	1.223158	Y
7	STD7 460-1041632/5	2.0	2.317068	0.2	186771.0	1.158534	Y
8	STD8 460-1041632/4	5.0	5.36524	0.2	203882.0	1.073048	Y
9	STD9 460-1041632/3	10.0	9.219679	0.2	199819.0	0.921968	Y



Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

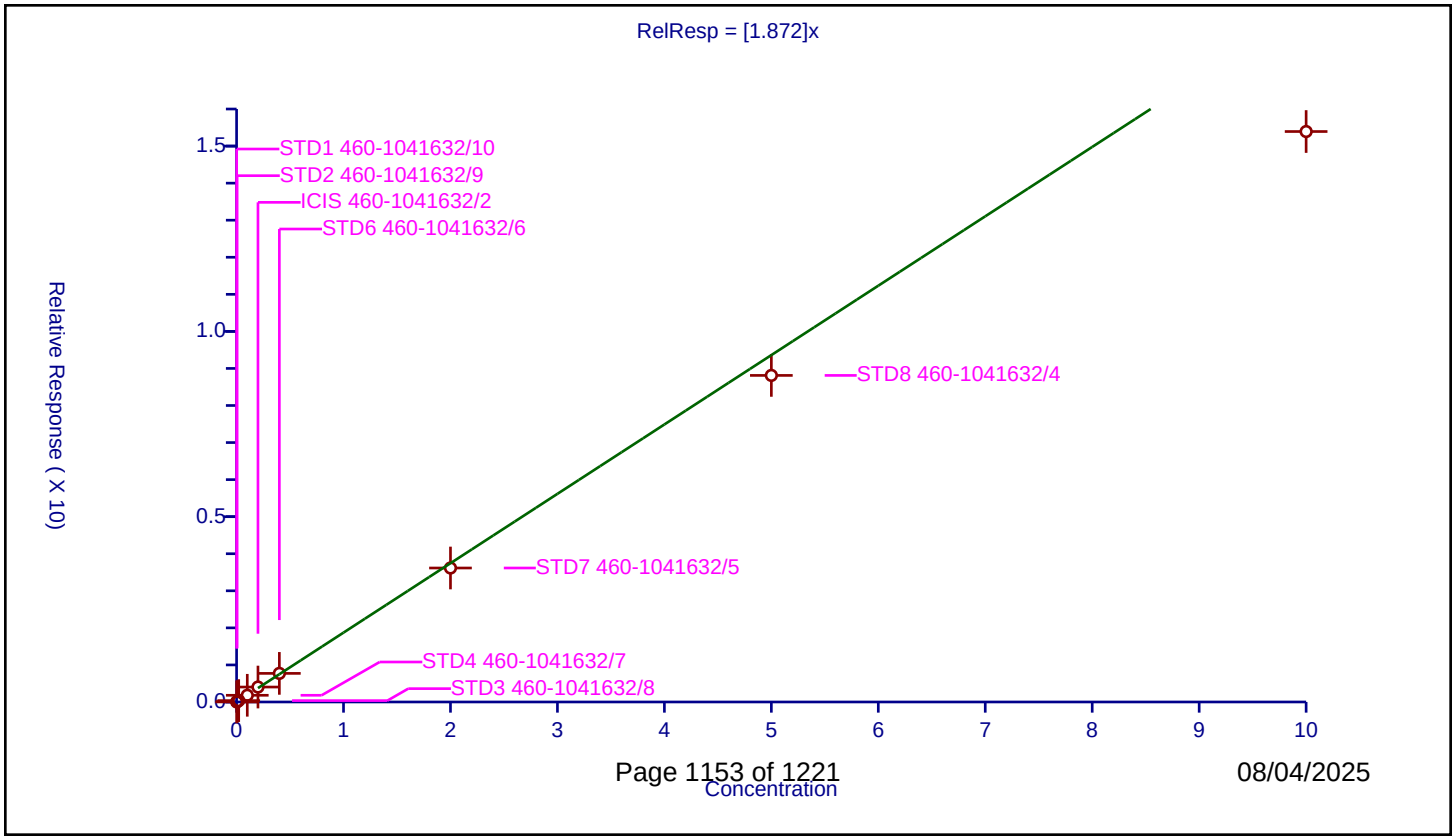
Curve Coefficients

Intercept:	0
Slope:	1.872

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.002104	0.2	115754.0	2.104463	Y
2	STD2 460-1041632/9	0.005	0.010143	0.2	121071.0	2.028562	Y
3	STD3 460-1041632/8	0.02	0.03703	0.2	129148.0	1.851519	Y
4	STD4 460-1041632/7	0.1	0.180867	0.2	134383.0	1.808666	Y
5	ICIS 460-1041632/2	0.2	0.403253	0.2	132440.0	2.016264	Y
6	STD6 460-1041632/6	0.4	0.771899	0.2	131475.0	1.929747	Y
7	STD7 460-1041632/5	2.0	3.615444	0.2	118025.0	1.807722	Y
8	STD8 460-1041632/4	5.0	8.812027	0.2	119765.0	1.762405	Y
9	STD9 460-1041632/3	10.0	15.392604	0.2	119286.0	1.53926	Y



08/04/2025

Calibration / Benzo[a]anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

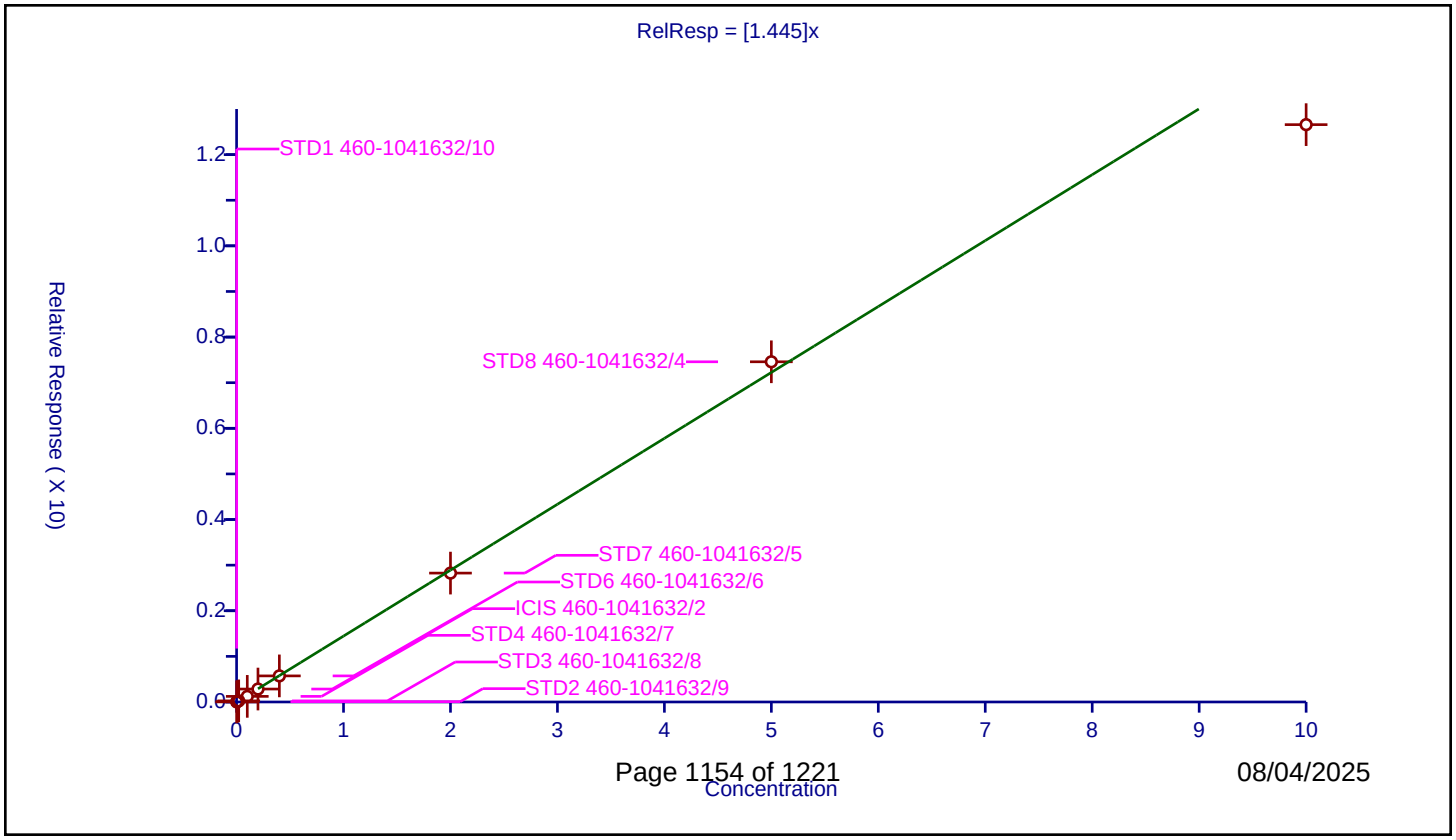
Curve Coefficients

Intercept:	0
Slope:	1.445

Error Coefficients

Relative Standard Deviation:	18.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.002092	0.2	115754.0	2.092368	Y
2	STD2 460-1041632/9	0.005	0.007188	0.2	121071.0	1.437504	Y
3	STD3 460-1041632/8	0.02	0.024525	0.2	129148.0	1.226268	Y
4	STD4 460-1041632/7	0.1	0.123001	0.2	134383.0	1.230007	Y
5	ICIS 460-1041632/2	0.2	0.283559	0.2	132440.0	1.417797	Y
6	STD6 460-1041632/6	0.4	0.572267	0.2	131475.0	1.430667	Y
7	STD7 460-1041632/5	2.0	2.825642	0.2	118025.0	1.412821	Y
8	STD8 460-1041632/4	5.0	7.458067	0.2	119765.0	1.491613	Y
9	STD9 460-1041632/3	10.0	12.657633	0.2	119286.0	1.265763	Y



Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

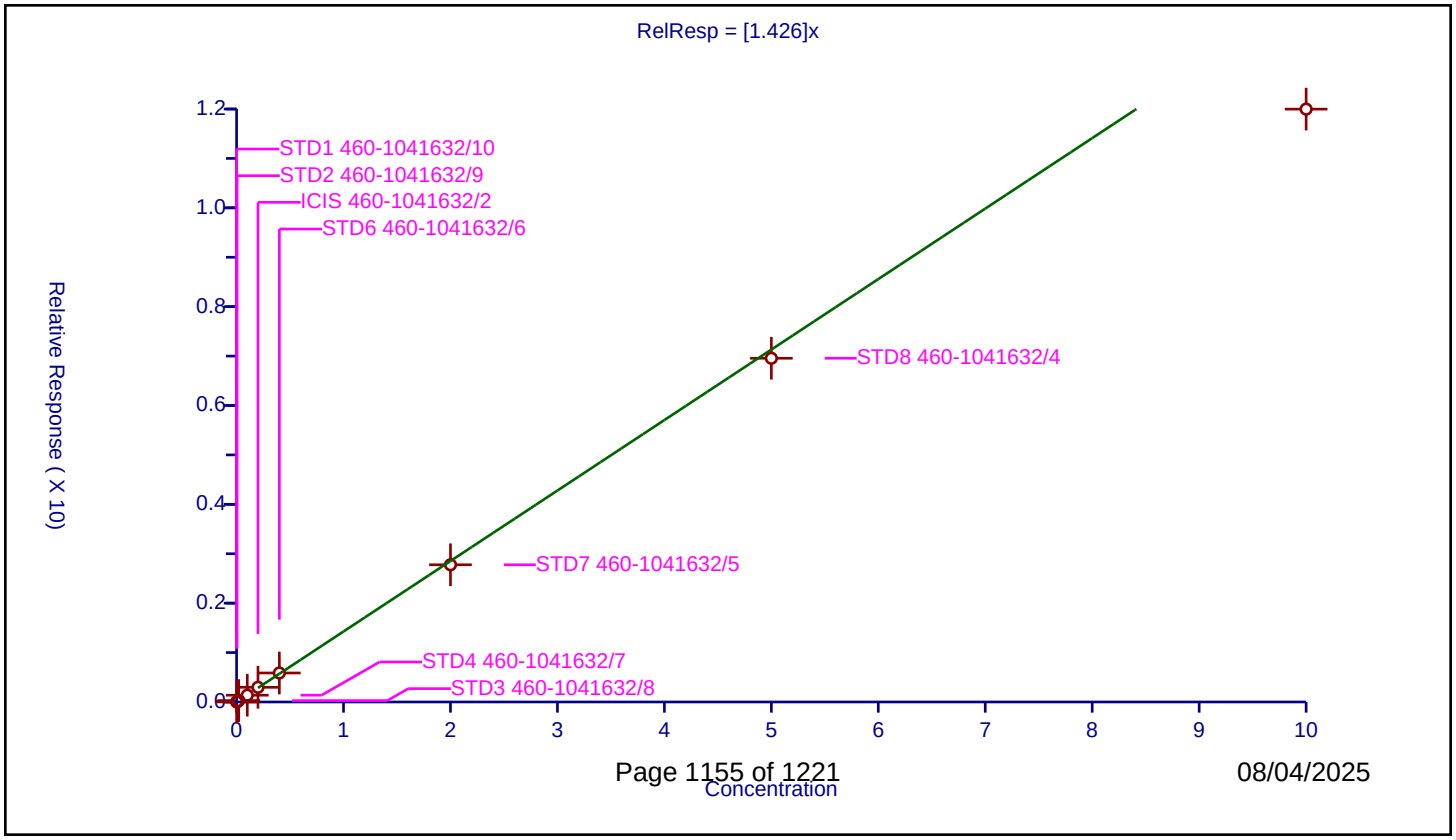
Curve Coefficients

Intercept:	0
Slope:	1.426

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.001545	0.2	115754.0	1.544655	Y
2	STD2 460-1041632/9	0.005	0.00788	0.2	121071.0	1.575935	Y
3	STD3 460-1041632/8	0.02	0.02818	0.2	129148.0	1.409004	Y
4	STD4 460-1041632/7	0.1	0.137598	0.2	134383.0	1.375978	Y
5	ICIS 460-1041632/2	0.2	0.297085	0.2	132440.0	1.485427	Y
6	STD6 460-1041632/6	0.4	0.586656	0.2	131475.0	1.46664	Y
7	STD7 460-1041632/5	2.0	2.776727	0.2	118025.0	1.388363	Y
8	STD8 460-1041632/4	5.0	6.955842	0.2	119765.0	1.391168	Y
9	STD9 460-1041632/3	10.0	11.997628	0.2	119286.0	1.199763	Y



Calibration / Benzo[b]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

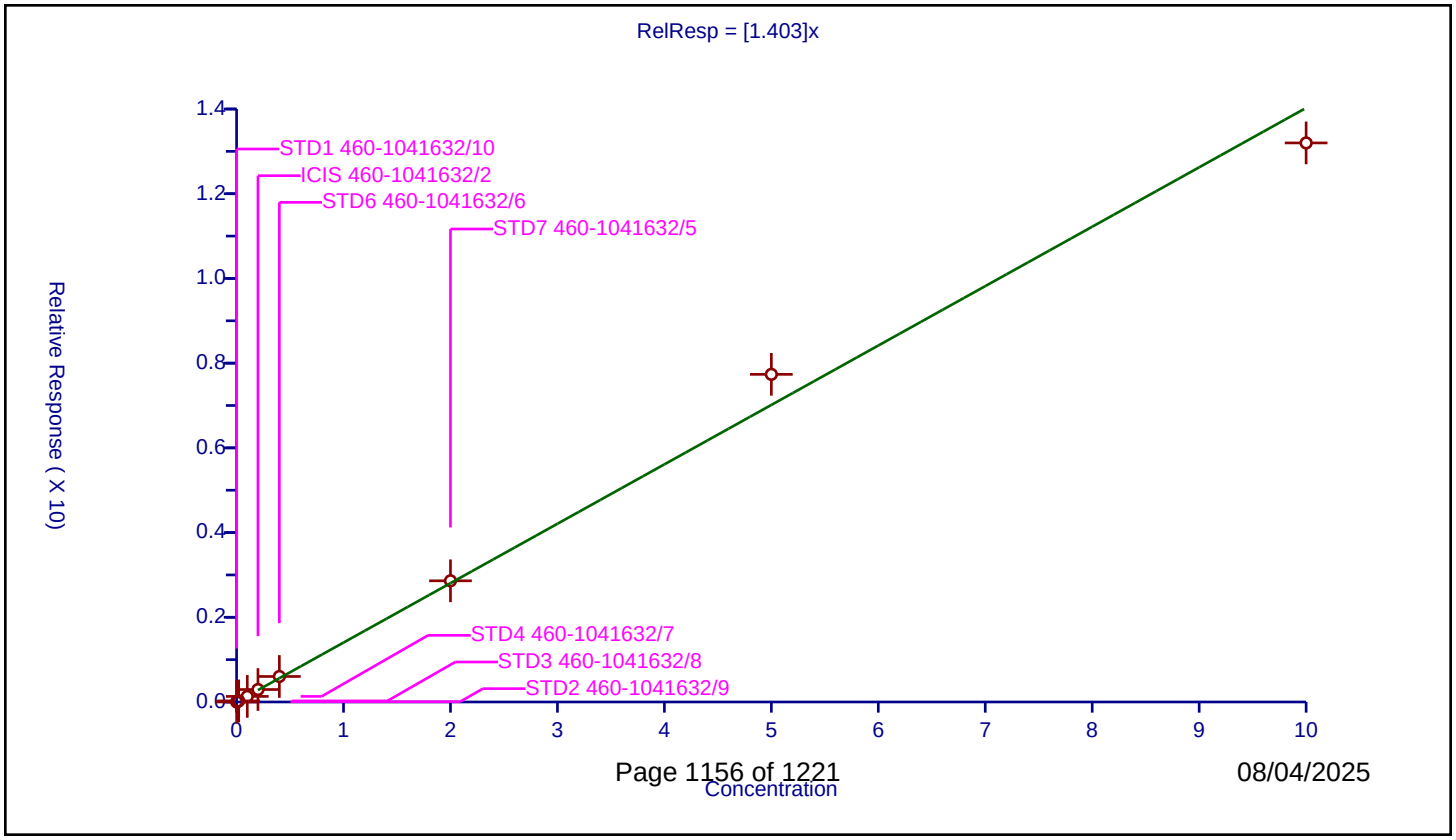
Curve Coefficients

Intercept:	0
Slope:	1.403

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.001406	0.2	92339.0	1.40569	Y
2	STD2 460-1041632/9	0.005	0.006809	0.2	97373.0	1.361774	Y
3	STD3 460-1041632/8	0.02	0.025208	0.2	104897.0	1.260379	Y
4	STD4 460-1041632/7	0.1	0.13211	0.2	112511.0	1.321097	Y
5	ICIS 460-1041632/2	0.2	0.294285	0.2	115318.0	1.471427	Y
6	STD6 460-1041632/6	0.4	0.602306	0.2	116376.0	1.505766	Y
7	STD7 460-1041632/5	2.0	2.860938	0.2	111280.0	1.430469	Y
8	STD8 460-1041632/4	5.0	7.735411	0.2	113949.0	1.547082	Y
9	STD9 460-1041632/3	10.0	13.198879	0.2	116538.0	1.319888	Y



Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

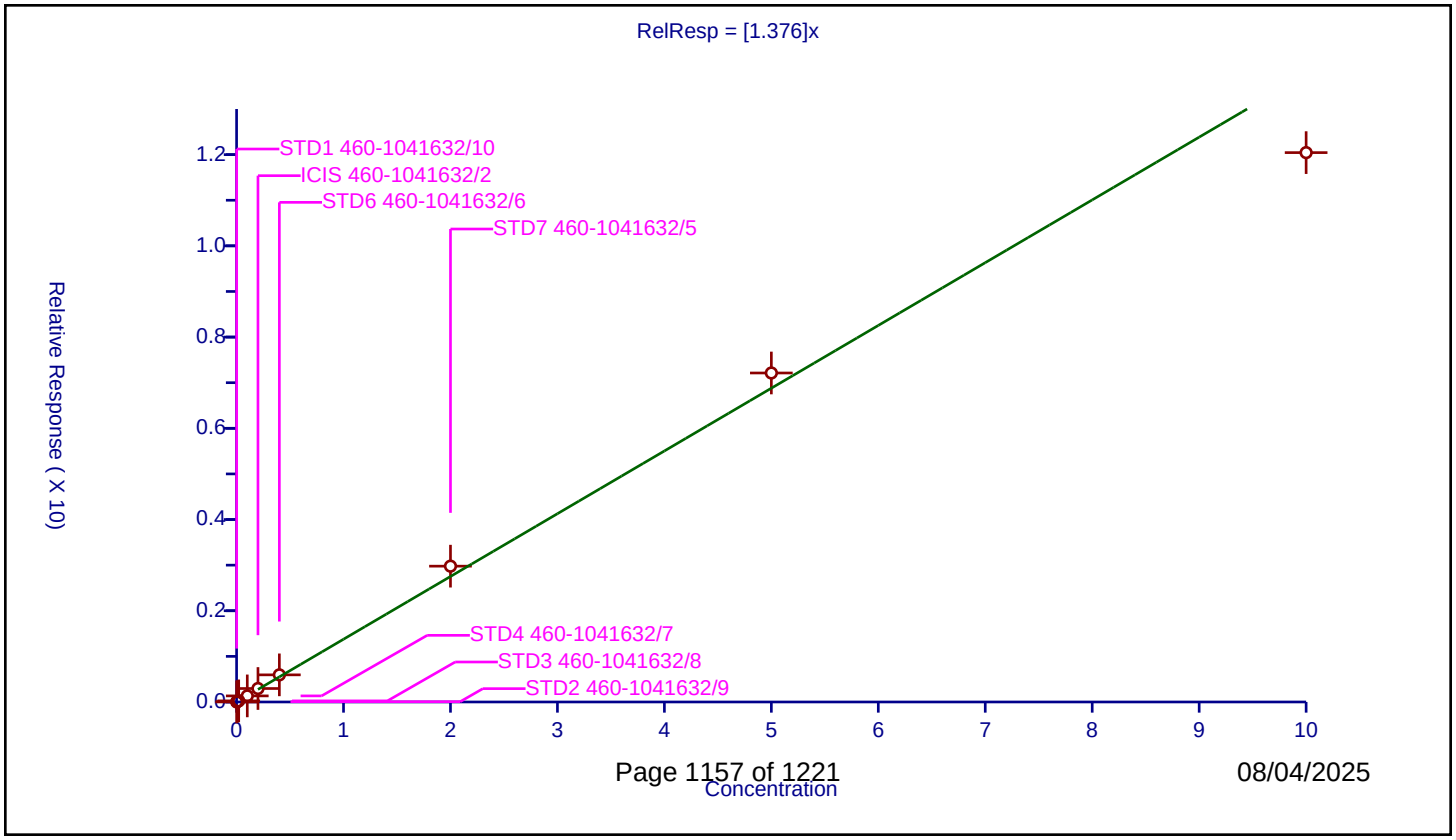
Curve Coefficients

Intercept:	0
Slope:	1.376

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.001378	0.2	92339.0	1.377533	Y
2	STD2 460-1041632/9	0.005	0.006721	0.2	97373.0	1.34411	Y
3	STD3 460-1041632/8	0.02	0.024474	0.2	104897.0	1.223677	Y
4	STD4 460-1041632/7	0.1	0.13361	0.2	112511.0	1.3361	Y
5	ICIS 460-1041632/2	0.2	0.295793	0.2	115318.0	1.478963	Y
6	STD6 460-1041632/6	0.4	0.594647	0.2	116376.0	1.486617	Y
7	STD7 460-1041632/5	2.0	2.977937	0.2	111280.0	1.488968	Y
8	STD8 460-1041632/4	5.0	7.212892	0.2	113949.0	1.442578	Y
9	STD9 460-1041632/3	10.0	12.043948	0.2	116538.0	1.204395	Y



Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

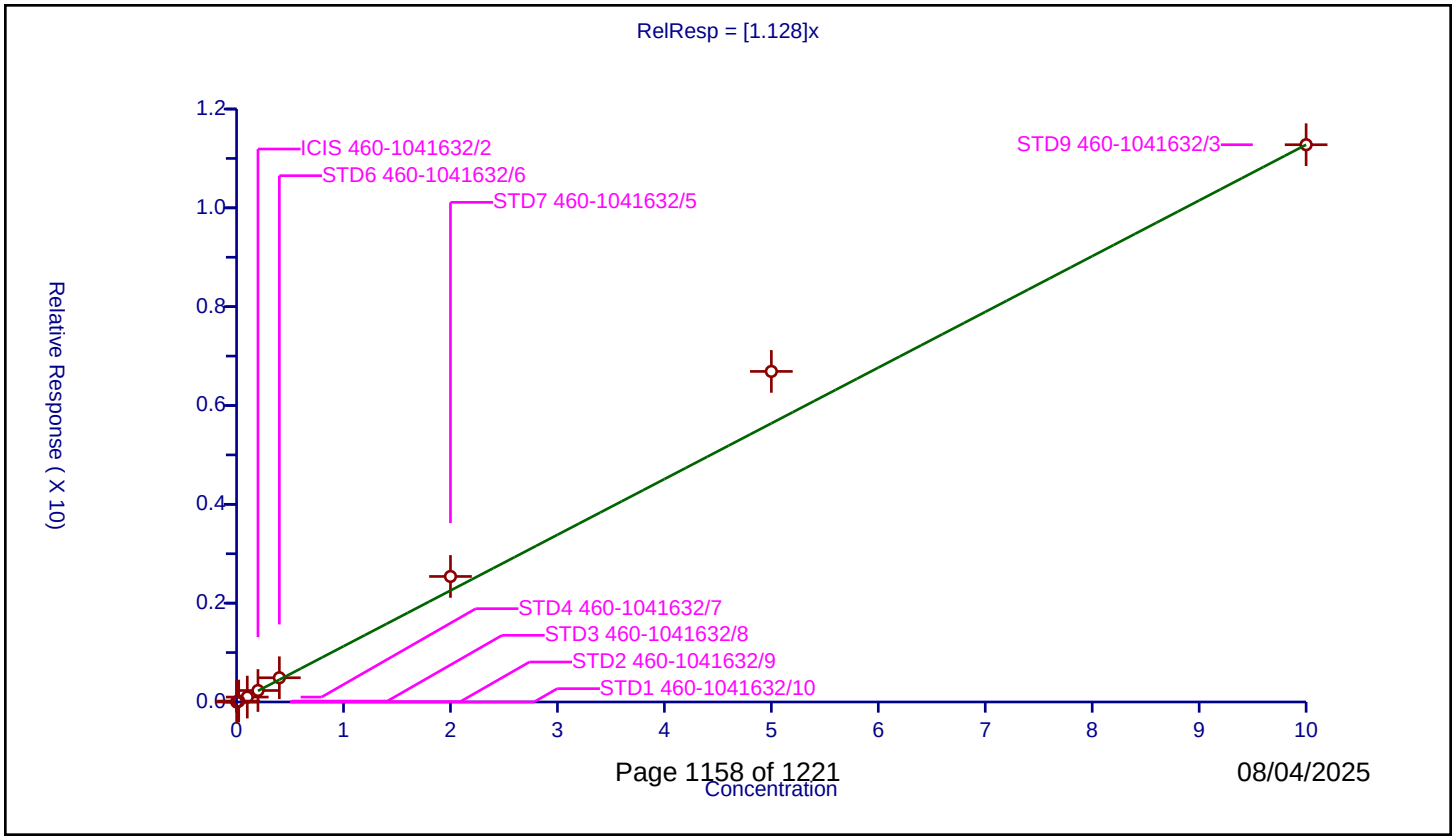
Curve Coefficients

Intercept:	0
Slope:	1.128

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.001042	0.2	92339.0	1.041813	Y
2	STD2 460-1041632/9	0.005	0.005312	0.2	97373.0	1.062307	Y
3	STD3 460-1041632/8	0.02	0.018548	0.2	104897.0	0.927386	Y
4	STD4 460-1041632/7	0.1	0.099414	0.2	112511.0	0.994143	Y
5	ICIS 460-1041632/2	0.2	0.23229	0.2	115318.0	1.161449	Y
6	STD6 460-1041632/6	0.4	0.490515	0.2	116376.0	1.226288	Y
7	STD7 460-1041632/5	2.0	2.540566	0.2	111280.0	1.270283	Y
8	STD8 460-1041632/4	5.0	6.690053	0.2	113949.0	1.338011	Y
9	STD9 460-1041632/3	10.0	11.277551	0.2	116538.0	1.127755	Y



08/04/2025

Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

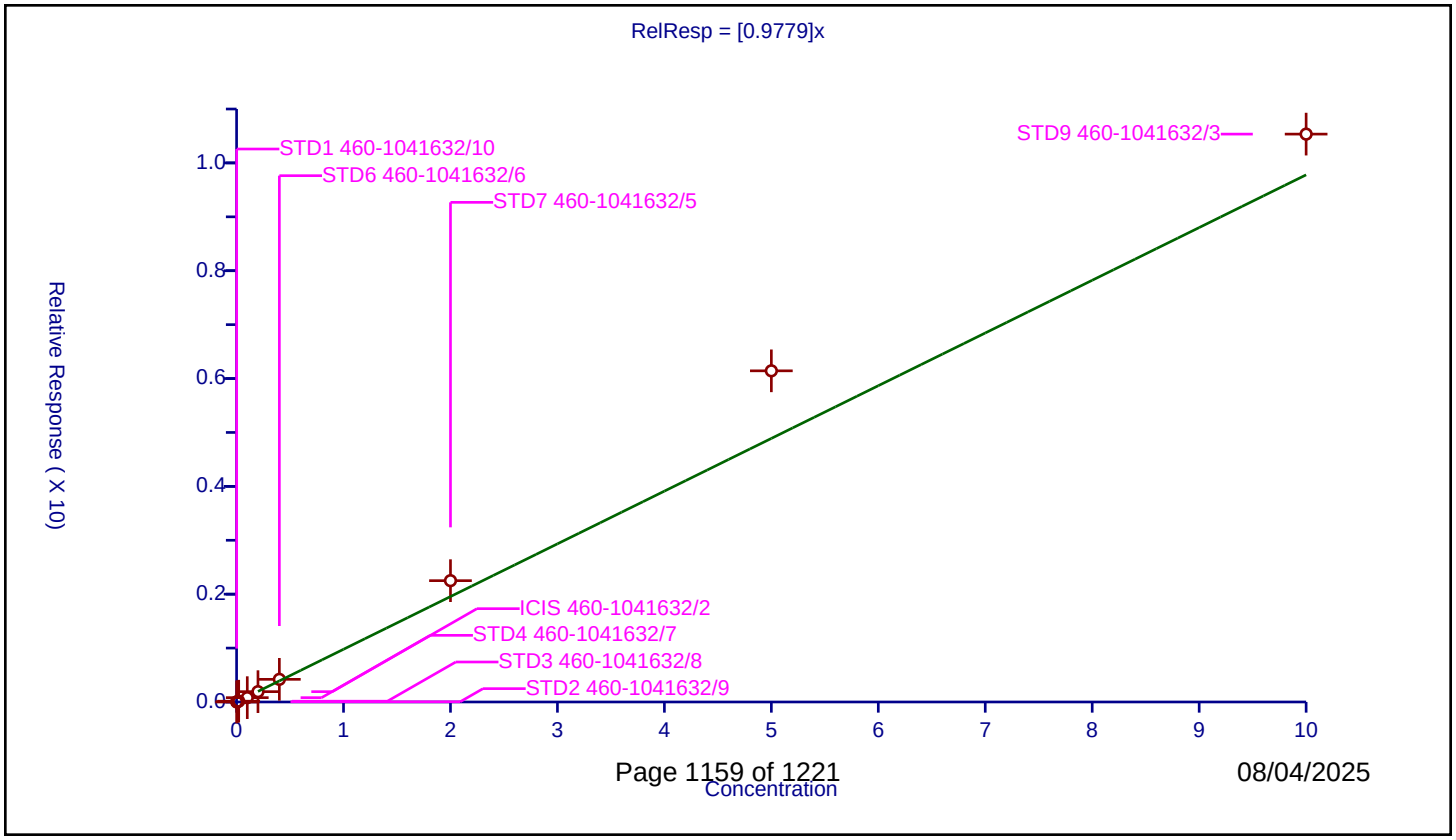
Curve Coefficients

Intercept:	0
Slope:	0.9779

Error Coefficients

Relative Standard Deviation:	16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.00099	0.2	92339.0	0.989831	Y
2	STD2 460-1041632/9	0.005	0.004338	0.2	97373.0	0.867592	Y
3	STD3 460-1041632/8	0.02	0.014509	0.2	104897.0	0.725474	Y
4	STD4 460-1041632/7	0.1	0.080298	0.2	112511.0	0.802979	Y
5	ICIS 460-1041632/2	0.2	0.191457	0.2	115318.0	0.957283	Y
6	STD6 460-1041632/6	0.4	0.420083	0.2	116376.0	1.050208	Y
7	STD7 460-1041632/5	2.0	2.250737	0.2	111280.0	1.125368	Y
8	STD8 460-1041632/4	5.0	6.143122	0.2	113949.0	1.228624	Y
9	STD9 460-1041632/3	10.0	10.534461	0.2	116538.0	1.053446	Y



Calibration / Dibenz(a,h)anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

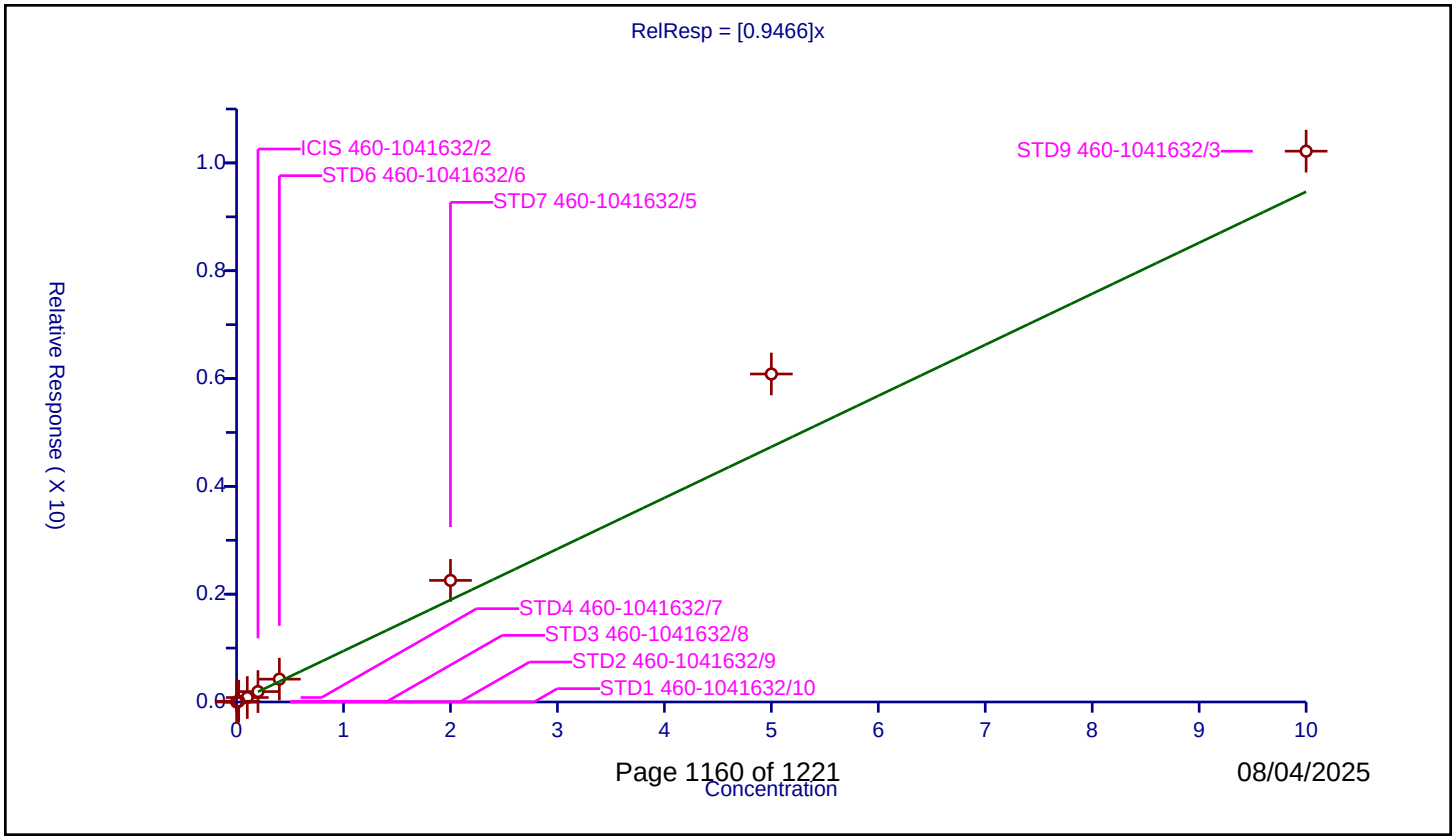
Curve Coefficients

Intercept:	0
Slope:	0.9466

Error Coefficients

Relative Standard Deviation:	18.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.000741	0.2	92339.0	0.740749	Y
2	STD2 460-1041632/9	0.005	0.004221	0.2	97373.0	0.844177	Y
3	STD3 460-1041632/8	0.02	0.014342	0.2	104897.0	0.717084	Y
4	STD4 460-1041632/7	0.1	0.082641	0.2	112511.0	0.826408	Y
5	ICIS 460-1041632/2	0.2	0.192924	0.2	115318.0	0.96462	Y
6	STD6 460-1041632/6	0.4	0.423934	0.2	116376.0	1.059836	Y
7	STD7 460-1041632/5	2.0	2.255478	0.2	111280.0	1.127739	Y
8	STD8 460-1041632/4	5.0	6.084336	0.2	113949.0	1.216867	Y
9	STD9 460-1041632/3	10.0	10.217795	0.2	116538.0	1.02178	Y



Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

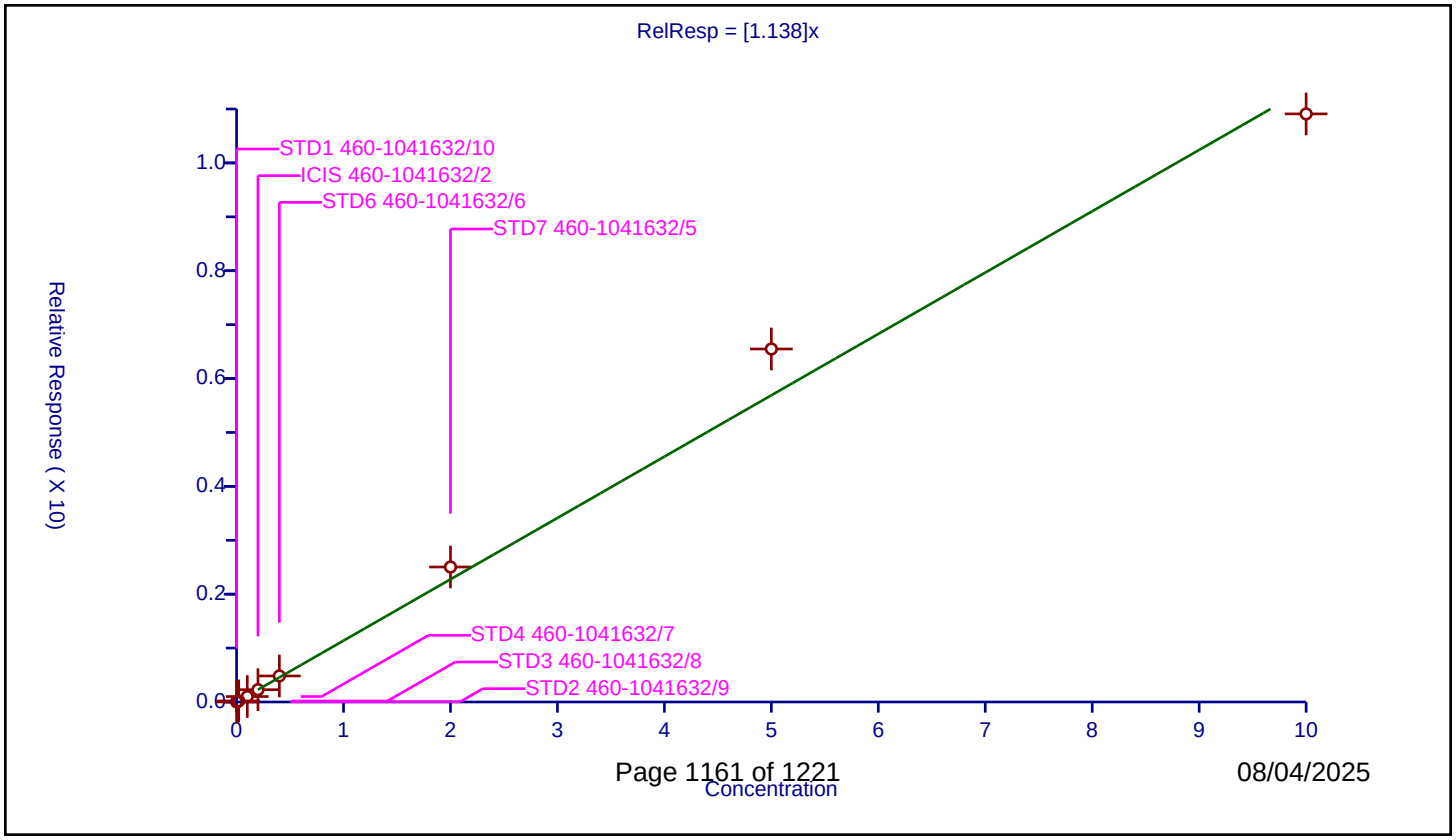
Curve Coefficients

Intercept:	0
Slope:	1.138

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041632/10	0.001	0.001198	0.2	92339.0	1.19776	Y
2	STD2 460-1041632/9	0.005	0.005349	0.2	97373.0	1.069701	Y
3	STD3 460-1041632/8	0.02	0.0192	0.2	104897.0	0.959989	Y
4	STD4 460-1041632/7	0.1	0.101053	0.2	112511.0	1.010532	Y
5	ICIS 460-1041632/2	0.2	0.228535	0.2	115318.0	1.142675	Y
6	STD6 460-1041632/6	0.4	0.483184	0.2	116376.0	1.20796	Y
7	STD7 460-1041632/5	2.0	2.50401	0.2	111280.0	1.252005	Y
8	STD8 460-1041632/4	5.0	6.548344	0.2	113949.0	1.309669	Y
9	STD9 460-1041632/3	10.0	10.909432	0.2	116538.0	1.090943	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: ICV 460-1041632/11 Calibration Date: 06/05/2025 11:48

Instrument ID: CBNAMS2 Calib Start Date: 06/05/2025 08:38

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/05/2025 11:27

Lab File ID: 2C18411.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.2712	0.2862		844	800	5.5	30.0
N-Nitrosodimethylamine	Ave	0.3892	0.4295		441	400	10.4	30.0
Bis(2-chloroethyl)ether	Ave	0.6456	0.7063	0.7000	438	400	9.4	30.0
Naphthalene	Ave	1.058	1.219	0.7000	230	200	15.2	30.0
Acenaphthylene	Ave	1.917	2.249	0.6000	235	200	17.4	30.0
Acenaphthene	Ave	1.102	1.235	0.6000	224	200	12.1	30.0
Fluorene	Ave	1.311	1.541	0.9000	235	200	17.5	30.0
4,6-Dinitro-2-methylphenol	Qua1		0.0585	0.0100	836	800	4.5	30.0
Hexachlorobenzene	Ave	0.3278	0.3633	0.1000	443	400	10.8	30.0
Pentachlorophenol	Qua1		0.1118	0.0500	383	400	-4.2	30.0
Phenanthrene	Ave	1.128	1.294	0.7000	229	200	14.7	30.0
Anthracene	Ave	1.004	1.199	0.7000	239	200	19.4	30.0
Fluoranthene	Ave	1.115	1.309	0.6000	235	200	17.4	30.0
Pyrene	Ave	1.872	2.147	0.6000	229	200	14.7	30.0
Benzo[a]anthracene	Ave	1.445	1.508	0.8000	209	200	4.4	30.0
Chrysene	Ave	1.426	1.638	0.7000	230	200	14.9	30.0
Benzo[b]fluoranthene	Ave	1.403	1.594		227	200	13.7	30.0
Benzo[k]fluoranthene	Ave	1.376	1.645	0.7000	239	200	19.5	30.0
Benzo[a]pyrene	Ave	1.128	1.249	0.7000	221	200	10.7	30.0
Indeno[1,2,3-cd]pyrene	Ave	0.9779	1.042	0.5000	213	200	6.5	30.0
Dibenz(a,h)anthracene	Ave	0.9466	1.069	0.4000	226	200	13.0	30.0
Benzo[g,h,i]perylene	Ave	1.138	1.280	0.5000	225	200	12.5	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18411.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 05-Jun-2025 11:48:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191796-011
Operator ID: Instrument ID: CBNAMS2
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 05-Jun-2025 14:08:28 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: G4KC Date: 05-Jun-2025 14:09:22

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.090	2.115	-0.025	91	119474	0.8000	0.8442	
	2 N-Nitrosodimethylamine	74	2.240	2.266	-0.026	84	89646	0.4000	0.4415	
	3 Bis(2-chloroethyl)ether	93	4.073	4.073	0.000	88	147410	0.4000	0.4376	
*	5 1,4-Dichlorobenzene-d4	150	4.328	4.327	0.001	100	104350	0.2000	0.2000	
*	7 Naphthalene-d8	136	5.533	5.532	0.001	100	209028	0.2000	0.2000	
	8 Naphthalene	128	5.553	5.548	0.005	100	254783	0.2000	0.2304	
	10 Acenaphthylene	152	7.055	7.055	0.000	100	239838	0.2000	0.2347	
*	11 Acenaphthene-d10	164	7.191	7.190	0.001	97	106622	0.2000	0.2000	
	12 Acenaphthene	154	7.218	7.217	0.001	93	131698	0.2000	0.2242	
	13 Fluorene	166	7.705	7.705	0.000	93	164281	0.2000	0.2350	
	14 4,6-Dinitro-2-methylphenol	198	7.759	7.759	0.000	80	44858	0.8000	0.8362	
	15 Hexachlorobenzene	284	8.229	8.228	0.001	99	139336	0.4000	0.4432	
	16 Pentachlorophenol	266	8.418	8.418	0.000	98	42869	0.4000	0.3834	
*	17 Phenanthrene-d10	188	8.590	8.590	0.000	100	191784	0.2000	0.2000	
	18 Phenanthrene	178	8.617	8.617	0.000	81	248157	0.2000	0.2294	
	19 Anthracene	178	8.662	8.662	0.000	100	229921	0.2000	0.2388	M
	21 Fluoranthene	202	9.740	9.739	0.001	95	251027	0.2000	0.2348	
	22 Pyrene	202	9.951	9.950	0.001	98	242116	0.2000	0.2294	
	24 Benzo[a]anthracene	228	11.190	11.189	0.001	41	170080	0.2000	0.2088	
*	25 Chrysene-d12	240	11.203	11.202	0.001	99	112750	0.2000	0.2000	
	26 Chrysene	228	11.229	11.229	0.000	99	184739	0.2000	0.2297	
	27 Benzo[b]fluoranthene	252	12.534	12.534	0.000	41	155916	0.2000	0.2273	
	28 Benzo[k]fluoranthene	252	12.574	12.573	0.001	99	160860	0.2000	0.2391	
	29 Benzo[a]pyrene	252	12.976	12.976	0.000	12	122135	0.2000	0.2215	a
*	30 Perylene-d12	264	13.055	13.055	0.000	100	97798	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.578	14.584	-0.006	89	101894	0.2000	0.2131	
	32 Dibenz(a,h)anthracene	278	14.630	14.630	0.000	93	104564	0.2000	0.2259	
	33 Benzo[g,h,i]perylene	276	14.993	14.992	0.001	77	125200	0.2000	0.2250	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

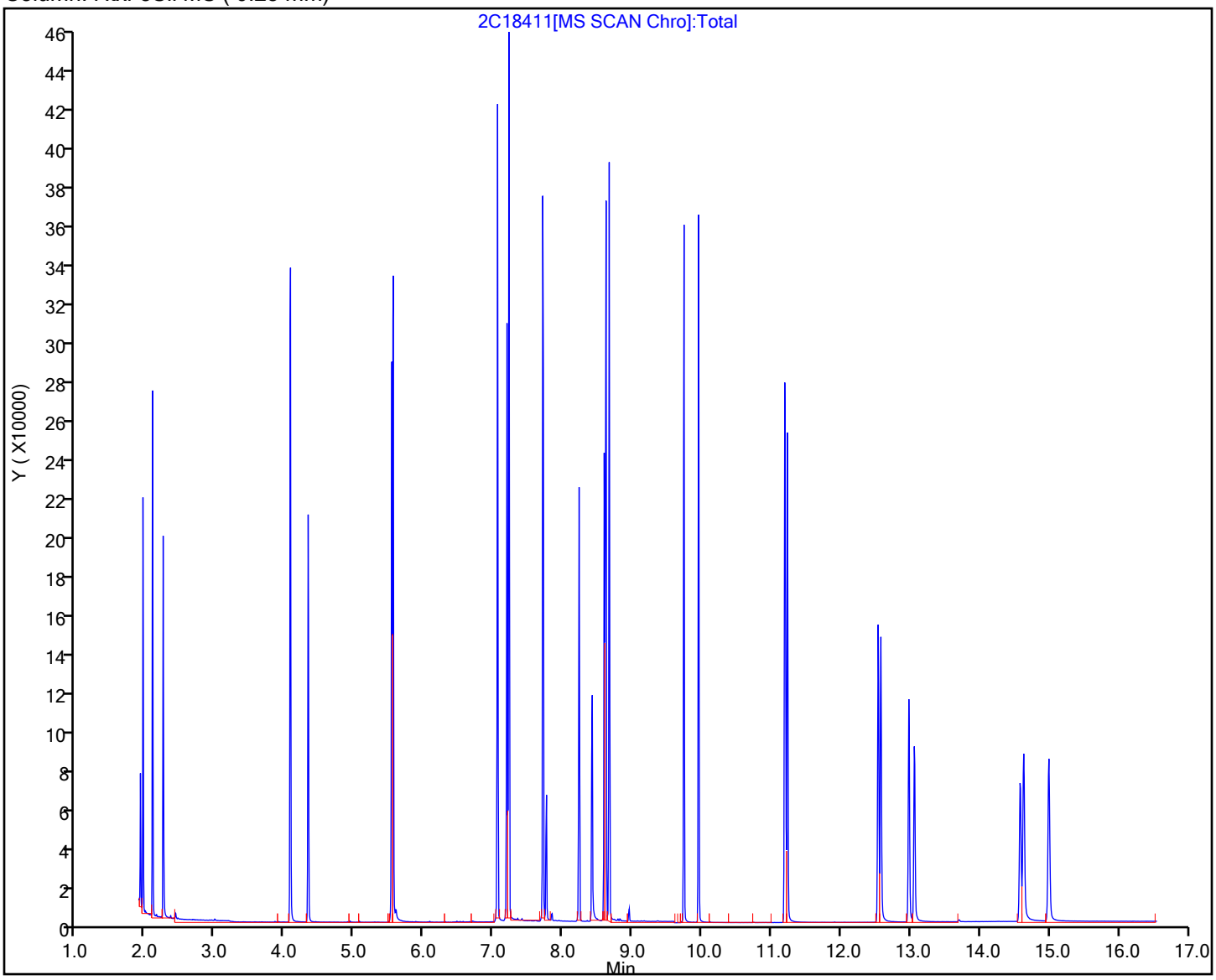
Reagents:

SM_SIMICV_LVI_00038 Amount Added: 1.00 Units: mL

Report Date: 05-Jun-2025 14:09:23 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18411.D
Injection Date: 05-Jun-2025 11:48:30 Instrument ID: CBNAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

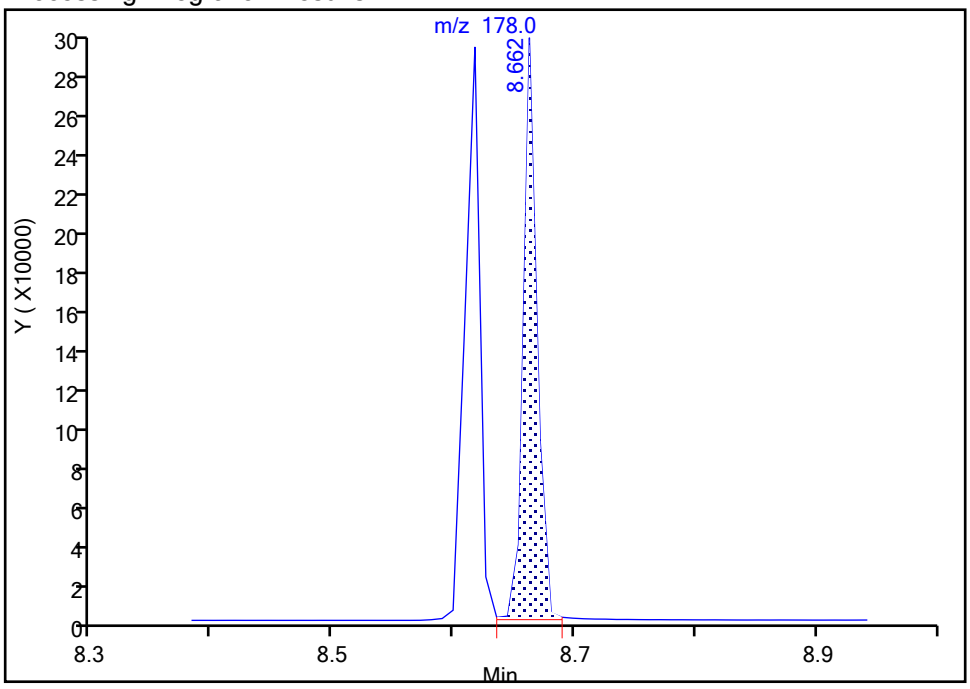
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18411.D
Injection Date: 05-Jun-2025 11:48:30 Instrument ID: CBNAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

19 Anthracene, CAS: 120-12-7

Signal: 1

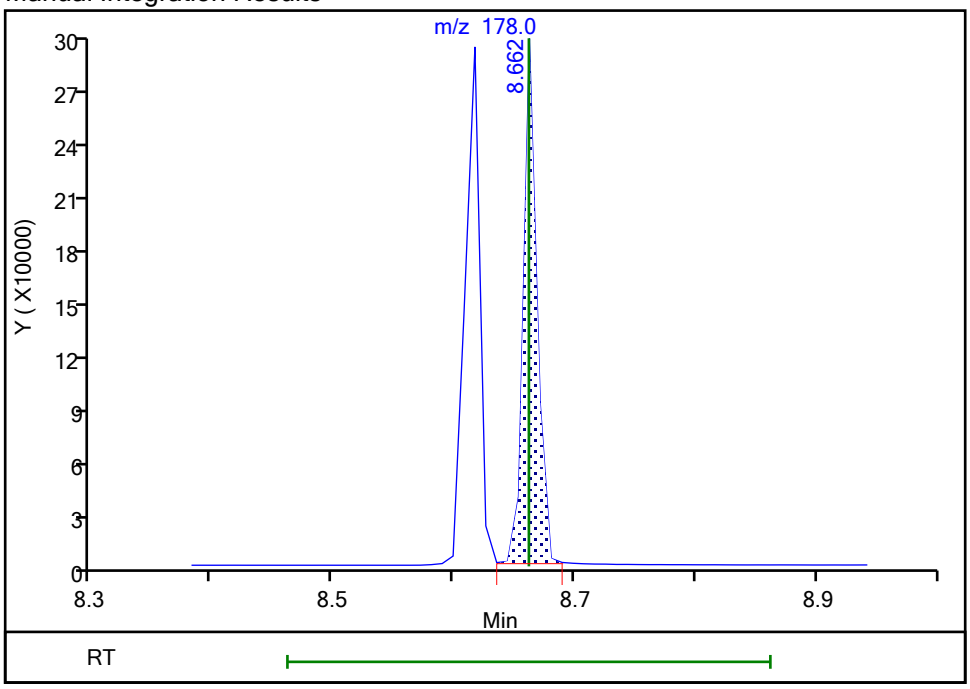
Processing Integration Results

RT: 8.66
Area: 232585
Amount: 0.241585
Amount Units: ug/ml



Manual Integration Results

RT: 8.66
Area: 229921
Amount: 0.238818
Amount Units: ug/ml



Reviewer: G4KC, 05-Jun-2025 13:42:06 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

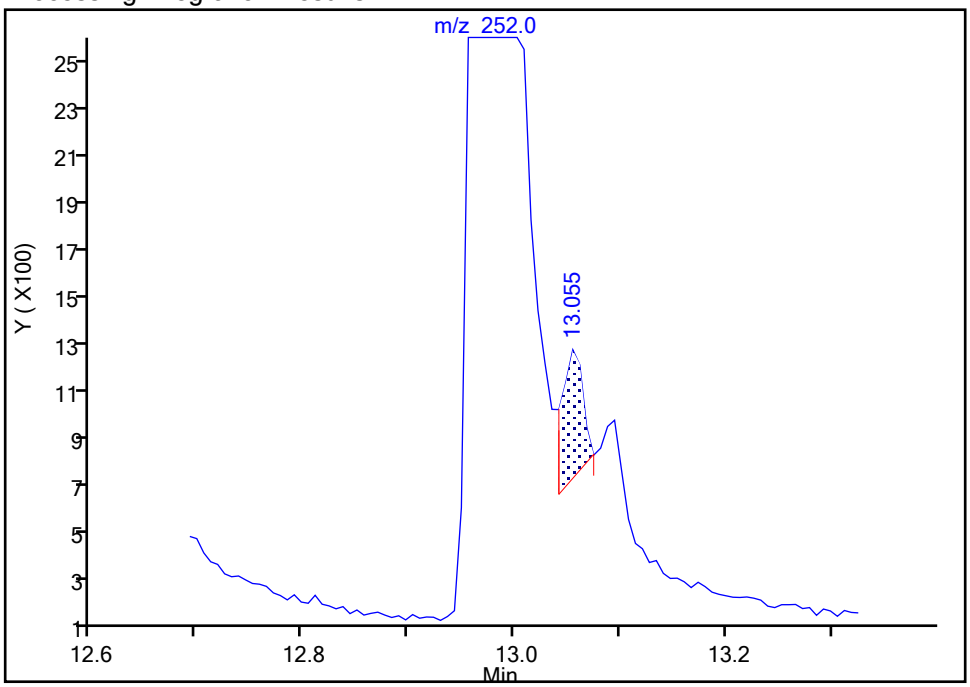
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18411.D
Injection Date: 05-Jun-2025 11:48:30 Instrument ID: CBNAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

29 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

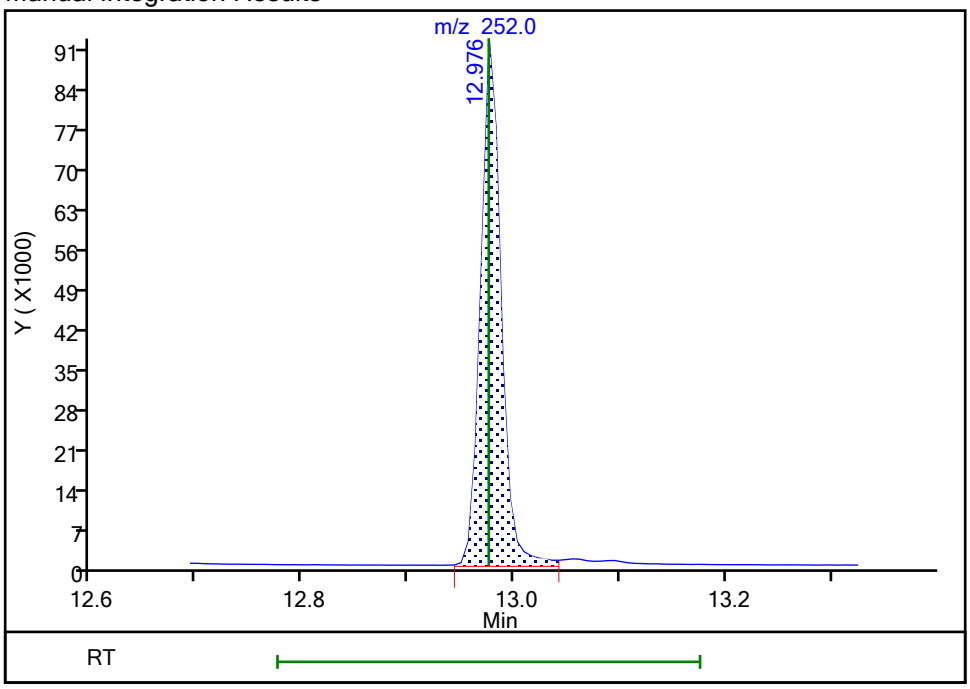
Processing Integration Results

RT: 13.06
Area: 753
Amount: 0.001366
Amount Units: ug/ml



Manual Integration Results

RT: 12.98
Area: 122135
Amount: 0.221483
Amount Units: ug/ml



Reviewer: LKI7, 05-Jun-2025 12:29:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Lab Sample ID: CCVIS 460-1053189/2 Calibration Date: 08/01/2025 07:36

Instrument ID: CBNAMS2 Calib Start Date: 06/05/2025 08:38

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/05/2025 11:27

Lab File ID: 2C19628.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.2712	0.2754		812	800	1.5	20.0
N-Nitrosodimethylamine	Ave	0.3892	0.4015		413	400	3.2	20.0
Bis(2-chloroethyl)ether	Ave	0.6456	0.6295*	0.7000	390	400	-2.5	20.0
Naphthalene	Ave	1.058	1.104	0.7000	209	200	4.4	20.0
Acenaphthylene	Ave	1.917	2.108	0.6000	220	200	10.0	20.0
Acenaphthene	Ave	1.102	1.169	0.6000	212	200	6.1	20.0
Fluorene	Ave	1.311	1.414	0.9000	216	200	7.9	20.0
4,6-Dinitro-2-methylphenol	Qua1		0.0968	0.0100	1210	800	51.6*	20.0
Hexachlorobenzene	Ave	0.3278	0.3534	0.1000	431	400	7.8	20.0
Pentachlorophenol	Qua1		0.1472	0.0500	491	400	22.9*	20.0
Phenanthrene	Ave	1.128	1.169	0.7000	207	200	3.6	20.0
Anthracene	Ave	1.004	1.190	0.7000	237	200	18.6	20.0
Fluoranthene	Ave	1.115	1.146	0.6000	206	200	2.8	20.0
Pyrene	Ave	1.872	2.005	0.6000	214	200	7.1	20.0
Benzo[a]anthracene	Ave	1.445	1.500	0.8000	208	200	3.8	20.0
Chrysene	Ave	1.426	1.538	0.7000	216	200	7.8	20.0
Benzo[b]fluoranthene	Ave	1.403	1.491		213	200	6.3	20.0
Benzo[k]fluoranthene	Ave	1.376	1.462	0.7000	213	200	6.3	20.0
Benzo[a]pyrene	Ave	1.128	1.179	0.7000	209	200	4.5	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9779	1.129	0.5000	231	200	15.4	20.0
Dibenz(a,h)anthracene	Ave	0.9466	1.099	0.4000	232	200	16.1	20.0
Benzo[g,h,i]perylene	Ave	1.138	1.291	0.5000	227	200	13.5	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3352	0.3225		962	1000	-3.8	20.0
2-Fluorobiphenyl	Ave	1.613	1.615		1000	1000	0.2	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19628.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Aug-2025 07:36:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-002
Operator ID: Instrument ID: CBNAMS2
Sublist: chrom-SIM_BNA2*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:53:42 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 08:53:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.915	1.915	0.000	99	98370	0.8000	0.8124	M
	2 N-Nitrosodimethylamine	74	2.076	2.076	0.000	85	71693	0.4000	0.4126	
	3 Bis(2-chloroethyl)ether	93	3.904	3.904	0.000	90	112408	0.4000	0.3900	
*	5 1,4-Dichlorobenzene-d4	150	4.153	4.153	0.000	99	89285	0.2000	0.2000	
$	6 Nitrobenzene-d5	82	4.673	4.673	0.000	100	291408	1.00	0.9621	
*	7 Naphthalene-d8	136	5.358	5.358	0.000	100	180709	0.2000	0.2000	
	8 Naphthalene	128	5.379	5.379	0.000	100	199581	0.2000	0.2087	
$	9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	699952	1.00	1.00	
	10 Acenaphthylene	152	6.877	6.877	0.000	100	182679	0.2000	0.2200	
*	11 Acenaphthene-d10	164	7.013	7.013	0.000	96	86666	0.2000	0.2000	
	12 Acenaphthene	154	7.049	7.049	0.000	96	101332	0.2000	0.2122	
	13 Fluorene	166	7.536	7.536	0.000	96	122573	0.2000	0.2157	
	14 4,6-Dinitro-2-methylphenol	198	7.590	7.590	0.000	87	55421	0.8000	1.21	
$	20 2,4,6-Tribromophenol	330	7.762	7.762	0.000	92	129829	1.00	0.9251	
	15 Hexachlorobenzene	284	8.051	8.051	0.000	99	101228	0.4000	0.4313	
	16 Pentachlorophenol	266	8.241	8.241	0.000	93	42147	0.4000	0.4915	
*	17 Phenanthrene-d10	188	8.412	8.412	0.000	100	143205	0.2000	0.2000	
	18 Phenanthrene	178	8.439	8.439	0.000	97	167428	0.2000	0.2073	
	19 Anthracene	178	8.484	8.484	0.000	99	170459	0.2000	0.2371	
	21 Fluoranthene	202	9.553	9.553	0.000	95	164155	0.2000	0.2056	
	22 Pyrene	202	9.764	9.764	0.000	98	161969	0.2000	0.2142	
$	23 Terphenyl-d14	244	9.936	9.936	0.000	95	489444	1.00	0.9581	
	24 Benzo[a]anthracene	228	10.971	10.971	0.000	52	121184	0.2000	0.2077	
*	25 Chrysene-d12	240	10.984	10.984	0.000	100	80765	0.2000	0.2000	
	26 Chrysene	228	11.010	11.010	0.000	99	124225	0.2000	0.2157	
	27 Benzo[b]fluoranthene	252	12.262	12.262	0.000	64	118552	0.2000	0.2126	
	28 Benzo[k]fluoranthene	252	12.302	12.302	0.000	99	116220	0.2000	0.2125	
	29 Benzo[a]pyrene	252	12.691	12.691	0.000	12	93720	0.2000	0.2091	
*	30 Perylene-d12	264	12.763	12.763	0.000	100	79494	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	14.227	14.227	0.000	88	89713	0.2000	0.2308	
	32 Dibenz(a,h)anthracene	278	14.273	14.273	0.000	94	87374	0.2000	0.2322	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.602	14.602	0.000	78	102637	0.2000	0.2269	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL5_00021 Amount Added: 1.00 Units: mL

Report Date: 04-Aug-2025 08:53:43 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19628.D

Injection Date: 01-Aug-2025 07:36:30 Instrument ID: CBNAMS2

Lims ID: CCVIS

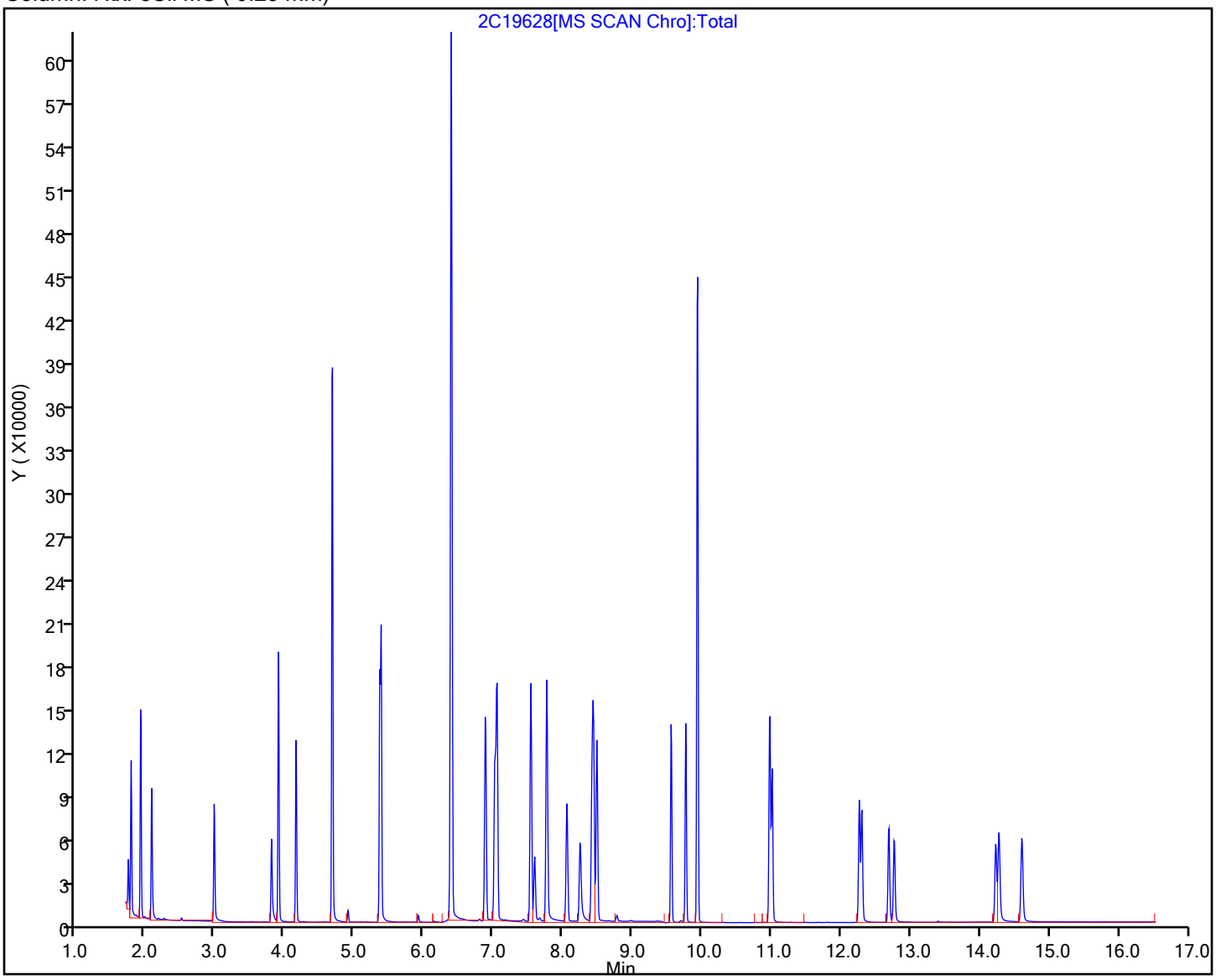
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

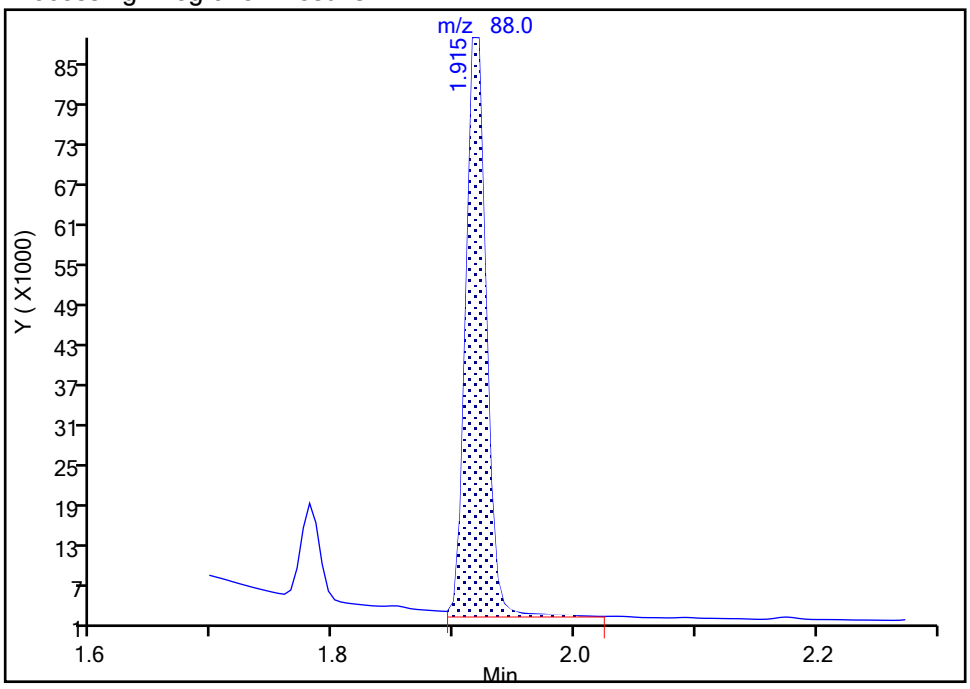
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19628.D
Injection Date: 01-Aug-2025 07:36:30 Instrument ID: CBNAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

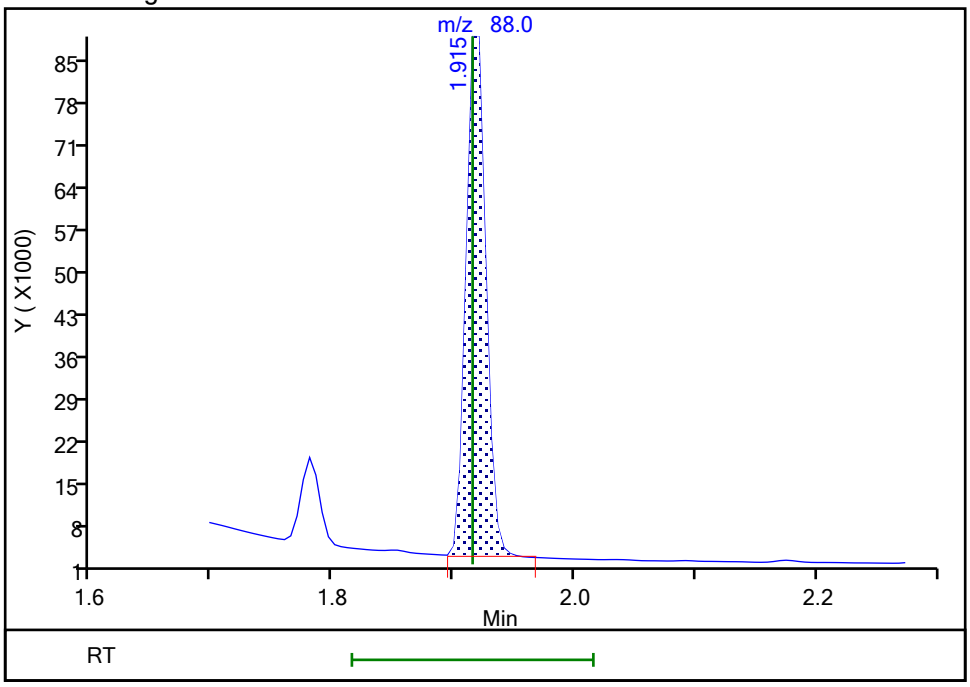
Processing Integration Results

RT: 1.92
Area: 101383
Amount: 0.837258
Amount Units: ug/ml



Manual Integration Results

RT: 1.92
Area: 98370
Amount: 0.812375
Amount Units: ug/ml



Reviewer: V5XH, 04-Aug-2025 08:53:07 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18401.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 05-Jun-2025 08:08:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191796-001
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 05-Jun-2025 14:09:32 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1721

First Level Reviewer: G4KC Date: 05-Jun-2025 14:09:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
4 Pentachlorophenol_T	266	4.501	4.501	0.000	0	692999	NR	NR	
35 DFTPP									
36 Benzidine_T	184	5.738	5.738	0.000	0	3408942	NR	NR	
37 4,4'-DDD	246	5.887	5.887	0.000	0	2498		NR	
38 4,4'-DDE	246	6.182	6.182	0.000	0	2534		NR	a
39 4,4'-DDT	235	6.391	6.391	0.000	0	1670947	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

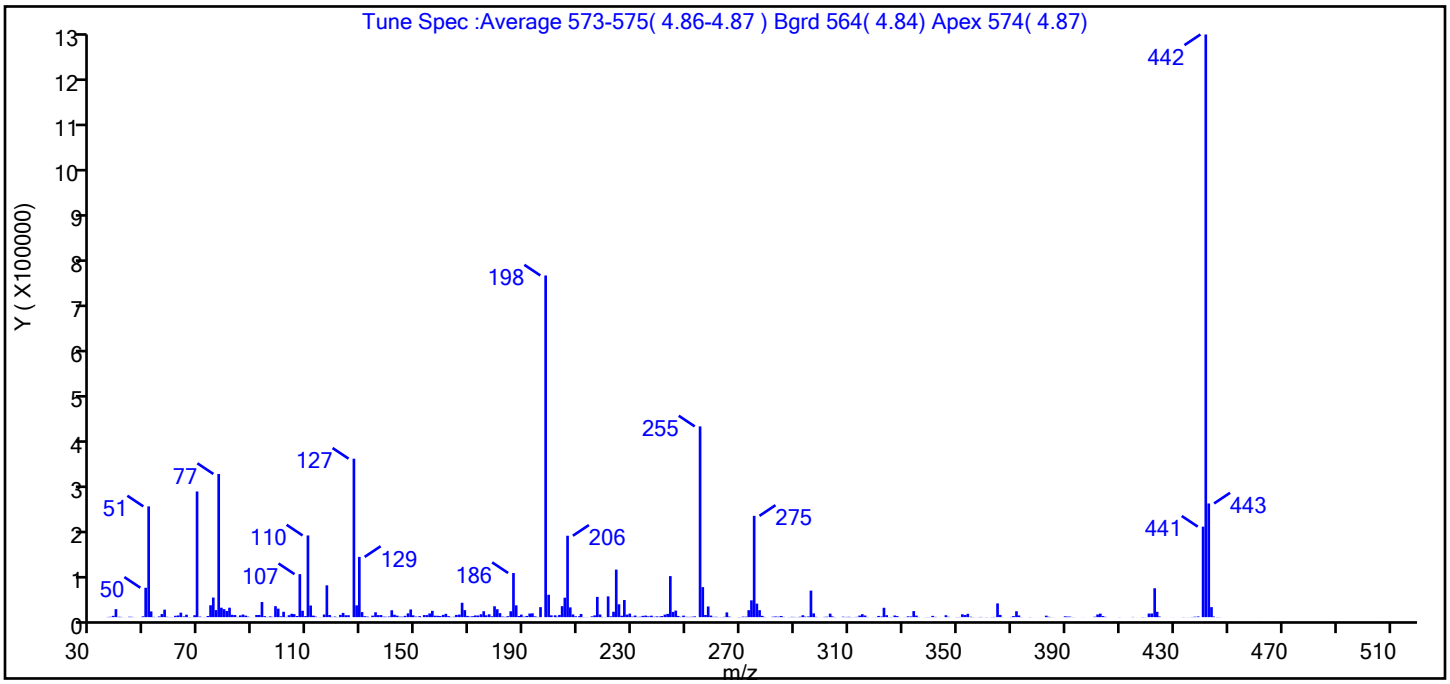
SMDFTP_CH_00037 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18401.D
Injection Date: 05-Jun-2025 08:08:30 Instrument ID: CBNAMS2
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Tune Method: DFTPP Method 8270E, BP 198

35 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.6 (1.5)
69	Present	36.8
70	<2% of m/z 69	0.2 (0.4)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.5
365	>1% of m/z 198	4.0
441	<150% of m/z 443	26.5 (79.6)
442	Present	170.5
443	15-24% of m/z 442	33.3 (19.5)

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18401.D\SIM_BNA2.rslt\spectra.d
Injection Date: 05-Jun-2025 08:08:30
Spectrum: Tune Spec :Average 573-575(4.86-4.87) Bgrd 564(4.84) Apex 574(4.87)
Base Peak: 441.90
Minimum % Base Peak: 0
Number of Points: 376

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	450	131.00	2038	226.00	2984	326.00	434
37.00	772	132.00	1230	227.00	36768	327.00	3527
38.00	2771	133.00	150	228.00	5443	328.00	2183
39.00	17120	134.00	3260	229.00	7594	329.00	153
40.00	742	135.00	10374	230.00	1027	331.00	186
41.00	505	136.00	4324	231.00	3403	332.00	1746
42.00	150	137.00	4495	232.00	619	333.00	1483
43.00	56	138.00	1038	233.00	1029	334.00	12969
44.00	858	139.00	881	234.00	2804	335.00	3249
45.00	645	140.00	1307	235.00	3368	336.00	385
46.00	106	141.00	14714	236.00	1756	338.00	72
47.00	55	142.00	5147	237.00	3151	339.00	294
48.00	90	143.00	3225	238.00	725	340.00	193
49.00	1747	144.00	1027	239.00	1637	341.00	2740
50.00	62920	145.00	939	240.00	1224	342.00	652
51.00	237184	146.00	2807	241.00	2331	344.00	74
52.00	12277	147.00	8074	242.00	5438	346.00	4114
53.00	600	148.00	16448	243.00	6959	347.00	764
54.00	174	149.00	3871	244.00	87872	348.00	58
55.00	1472	150.00	1168	245.00	11146	350.00	341
56.00	6596	151.00	2111	246.00	13981	351.00	413
57.00	16079	152.00	207	247.00	2586	352.00	6191
58.00	750	153.00	4446	248.00	621	353.00	4648
59.00	325	154.00	4380	249.00	3274	354.00	7099
60.00	265	155.00	7949	250.00	761	355.00	905
61.00	2965	156.00	13519	251.00	573	356.00	278
62.00	3610	157.00	3024	252.00	903	357.00	92
63.00	9600	158.00	2907	253.00	1663	358.00	241
64.00	1536	159.00	2313	255.00	408448	359.00	476
65.00	5236	160.00	4885	256.00	64232	360.00	122
66.00	321	161.00	7069	257.00	4625	361.00	343
67.00	199	162.00	2176	258.00	22880	363.00	247
68.00	4093	163.00	528	259.00	3347	363.00	119

Report Date: 05-Jun-2025 14:09:33 Chrom Revision: 2.3 07-May-2025 18:53:14
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18401.D\SIM_BNA2.rslt\spectra.d
Injection Date: 05-Jun-2025 08:08:30
Spectrum: Tune Spec :Average 573-575(4.86-4.87) Bgrd 564(4.84) Apex 574(4.87)
Base Peak: 441.90
Minimum % Base Peak: 0
Number of Points: 376

m/z	Y	m/z	Y	m/z	Y	m/z	Y
69.00	269120	164.00	869	260.00	654	364.00	509
70.00	1176	165.00	4751	261.00	781	365.00	29464
71.00	190	166.00	5505	262.00	226	366.00	4767
72.00	177	167.00	30800	263.00	322	367.00	207
73.00	2529	168.00	15026	264.00	808	368.00	61
74.00	25448	169.00	2668	265.00	10186	370.00	475
75.00	41944	170.00	1158	266.00	1130	371.00	2348
76.00	15120	171.00	1990	267.00	139	372.00	12676
77.00	306624	172.00	3621	269.00	269	373.00	3628
78.00	20168	173.00	3521	270.00	292	374.00	265
79.00	17080	174.00	6207	271.00	1118	377.00	333
80.00	13222	175.00	12638	272.00	1017	378.00	53
81.00	20224	176.00	3828	273.00	14929	380.00	51
82.00	4995	177.00	6119	274.00	35976	383.00	3145
83.00	4587	178.00	1850	275.00	216896	384.00	882
84.00	588	179.00	23264	276.00	28920	385.00	281
85.00	3786	180.00	17000	277.00	14932	386.00	109
86.00	5566	181.00	8598	278.00	2769	389.00	98
87.00	3243	182.00	1184	279.00	445	390.00	1795
88.00	1105	183.00	666	280.00	76	391.00	1235
89.00	134	184.00	2056	282.00	916	392.00	1080
90.00	121	185.00	12576	283.00	1479	393.00	284
91.00	4681	186.00	94480	284.00	1027	396.00	57
92.00	4688	187.00	25296	285.00	2500	397.00	149
93.00	32376	188.00	2448	286.00	565	401.00	917
94.00	2136	189.00	5401	288.00	254	402.00	5756
95.00	435	190.00	948	289.00	633	403.00	7588
96.00	1565	191.00	2595	290.00	510	404.00	2270
97.00	654	192.00	7753	291.00	320	405.00	575
98.00	23528	193.00	8190	292.00	863	410.00	243
99.00	18176	194.00	1680	293.00	4064	415.00	438
100.00	1755	195.00	511	294.00	1042	416.00	99
101.00	11470	196.00	21448	295.00	1417	418.00	100
102.00	565	198.00	731648	296.00	56840	419.00	334

Report Date: 05-Jun-2025 14:09:33 Chrom Revision: 2.3 07-May-2025 18:53:14
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18401.D\SIM_BNA2.rslt\spectra.d
Injection Date: 05-Jun-2025 08:08:30
Spectrum: Tune Spec :Average 573-575(4.86-4.87) Bgrd 564(4.84) Apex 574(4.87)
Base Peak: 441.90
Minimum % Base Peak: 0
Number of Points: 376

m/z	Y	m/z	Y	m/z	Y	m/z	Y
103.00	4134	199.00	47904	297.00	8026	420.00	159
104.00	7245	200.00	3869	298.00	614	421.00	7728
105.00	6427	201.00	3931	299.00	159	422.00	7851
106.00	2411	202.00	906	300.00	58	423.00	61856
107.00	92096	203.00	4730	301.00	613	424.00	11401
108.00	13699	204.00	23520	302.00	933	425.00	1452
109.00	2310	205.00	41616	303.00	7455	426.00	78
110.00	174912	206.00	174336	304.00	1557	427.00	57
111.00	24880	207.00	20920	305.00	331	429.00	54
112.00	3282	208.00	5836	308.00	950	430.00	125
113.00	1258	209.00	1847	309.00	510	434.00	132
114.00	167	210.00	2187	310.00	797	434.00	190
115.00	229	211.00	6759	311.00	238	435.00	53
116.00	5612	212.00	345	312.00	202	436.00	209
117.00	68112	213.00	226	313.00	597	437.00	382
118.00	4626	214.00	75	314.00	3309	438.00	1014
119.00	639	215.00	1726	315.00	6298	439.00	1457
120.00	1247	216.00	3741	316.00	3524	441.00	193792
121.00	261	217.00	43392	317.00	492	442.00	1247744
122.00	4758	218.00	5627	319.00	60	443.00	243456
123.00	9097	219.00	425	319.00	99	444.00	21432
124.00	4093	220.00	232	320.00	211	445.00	1361
125.00	4099	221.00	44472	321.00	2619	446.00	277
127.00	339328	222.00	1703	322.00	1275	447.00	264
128.00	25304	223.00	11598	323.00	20056	462.00	66
129.00	129016	224.00	101784	324.00	4152	507.00	57
130.00	10777	225.00	27496	325.00	280	519.00	53

Report Date: 05-Jun-2025 14:09:33 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18401.D

Injection Date: 05-Jun-2025 08:08:30 Instrument ID: CBNAMS2

Lims ID: DFTPP

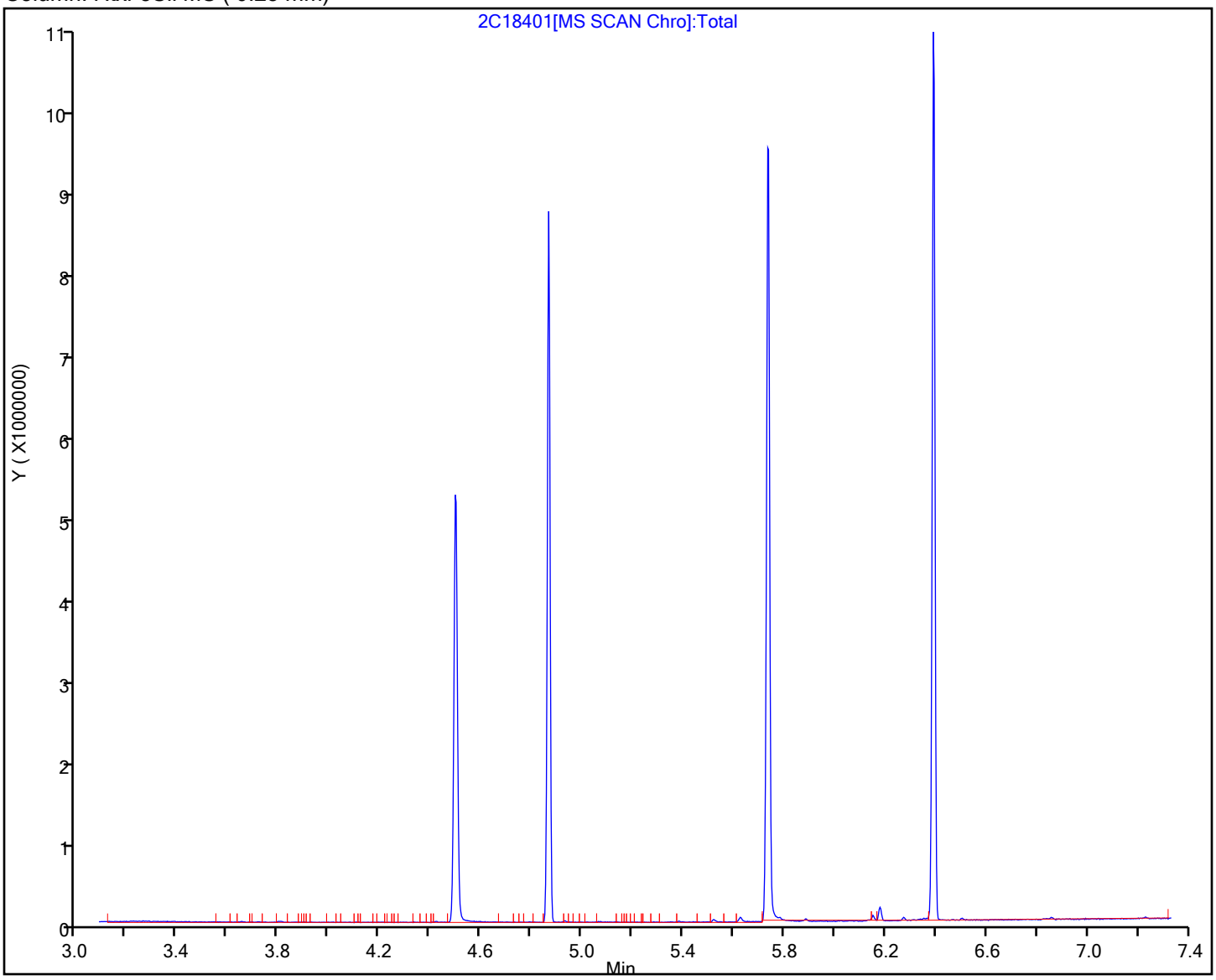
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18401.D
Injection Date: 05-Jun-2025 08:08:30 Instrument ID: CBNAMS2
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

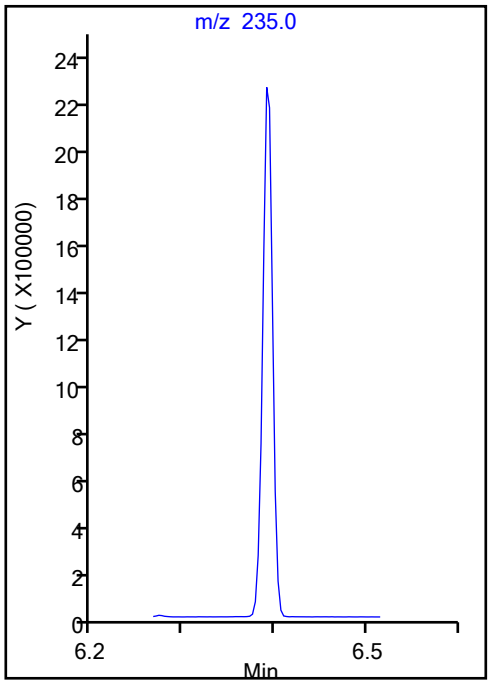
39 4,4'-DDT, Detector: MS SCAN

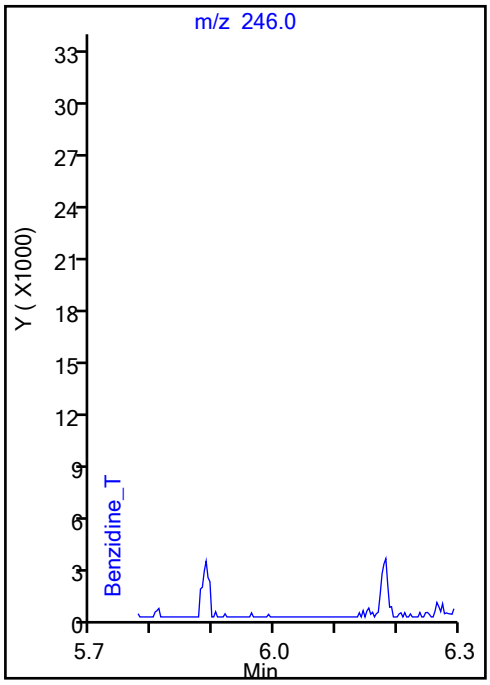
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

39 4,4'-DDT, Area = 1670947
37 4,4'-DDD, Area = 2498
38 4,4'-DDE, Area = 2534

%Breakdown: 0.30%, <= 20.00%
Passed





Peak Tailing Report

Eurofins Edison

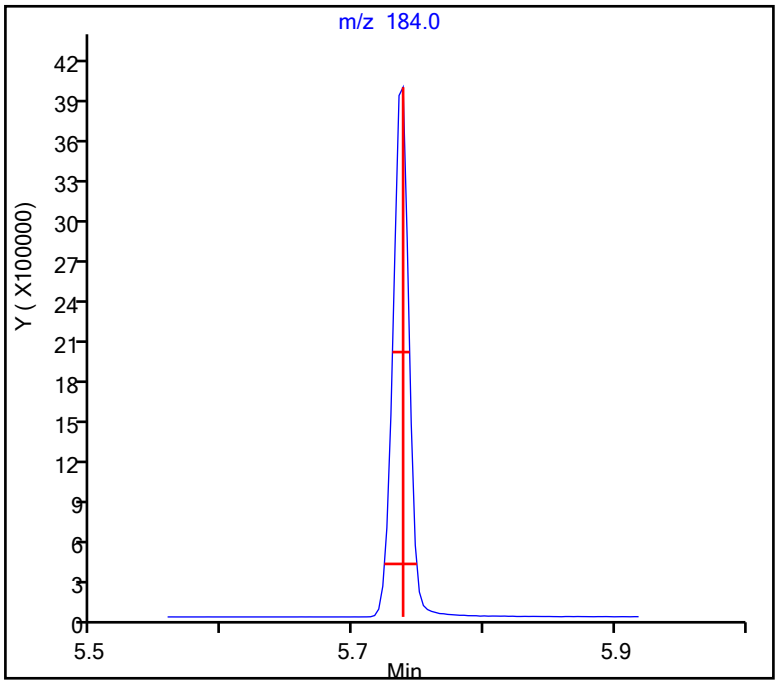
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18401.D
Injection Date: 05-Jun-2025 08:08:30 Instrument ID: CBNAMS2
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

36 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.79, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

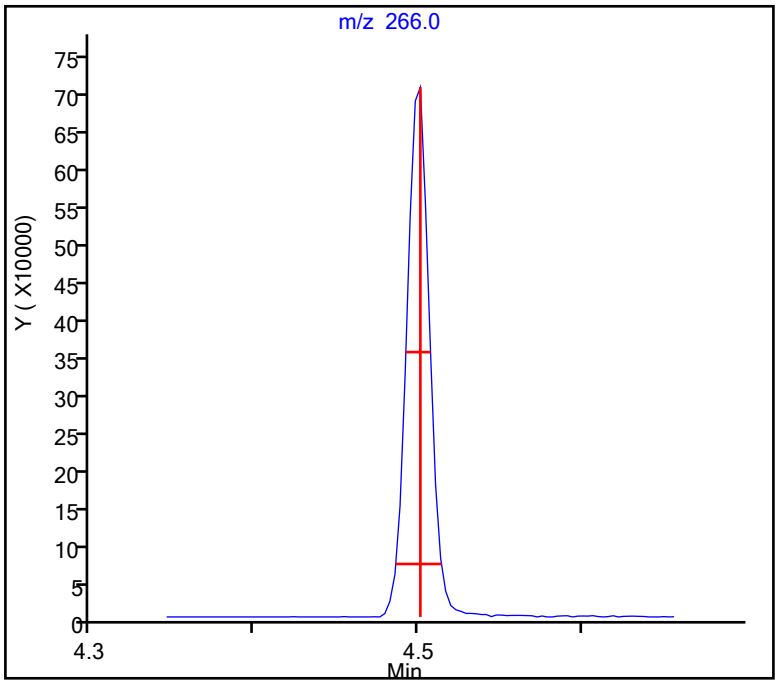
Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18401.D
Injection Date: 05-Jun-2025 08:08:30 Instrument ID: CBNAMS2
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

4 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 0.87, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1052770/1-A

Matrix: Water | Lab File ID: 2C19639.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/30/2025 09:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 11:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.050	U	0.050	0.014
208-96-8	Acenaphthylene	0.050	U	0.050	0.015
120-12-7	Anthracene	0.050	U	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.050	U	0.050	0.039
86-73-7	Fluorene	0.050	U	0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.050	U	0.050	0.022
129-00-0	Pyrene	0.050	U	0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	59		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	64		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19639.D
Lims ID: MB 460-1052770/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Aug-2025 11:28:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-013
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:00:05 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 12:04:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	150	4.148	4.153	-0.005	100	73530	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.673	4.673	0.000	99	1557279	10.0	6.38	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	100	145635	0.2000	0.2000	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	3452004	10.0	5.88	
* 11 Acenaphthene-d10	164	7.013	7.013	0.000	97	72779	0.2000	0.2000	
$ 20 2,4,6-Tribromophenol	330	7.762	7.762	0.000	93	812199	10.0	6.89	
* 17 Phenanthrene-d10	188	8.412	8.412	0.000	100	127018	0.2000	0.2000	
$ 23 Terphenyl-d14	244	9.936	9.936	0.000	96	3338441	10.0	7.05	
* 25 Chrysene-d12	240	10.977	10.984	-0.007	100	74882	0.2000	0.2000	
* 30 Perylene-d12	264	12.763	12.763	0.000	100	77493	0.2000	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Aug-2025 09:00:33 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19639.D

Injection Date: 01-Aug-2025 11:28:30 Instrument ID: CBNAMS2

Lims ID: MB 460-1052770/1-A

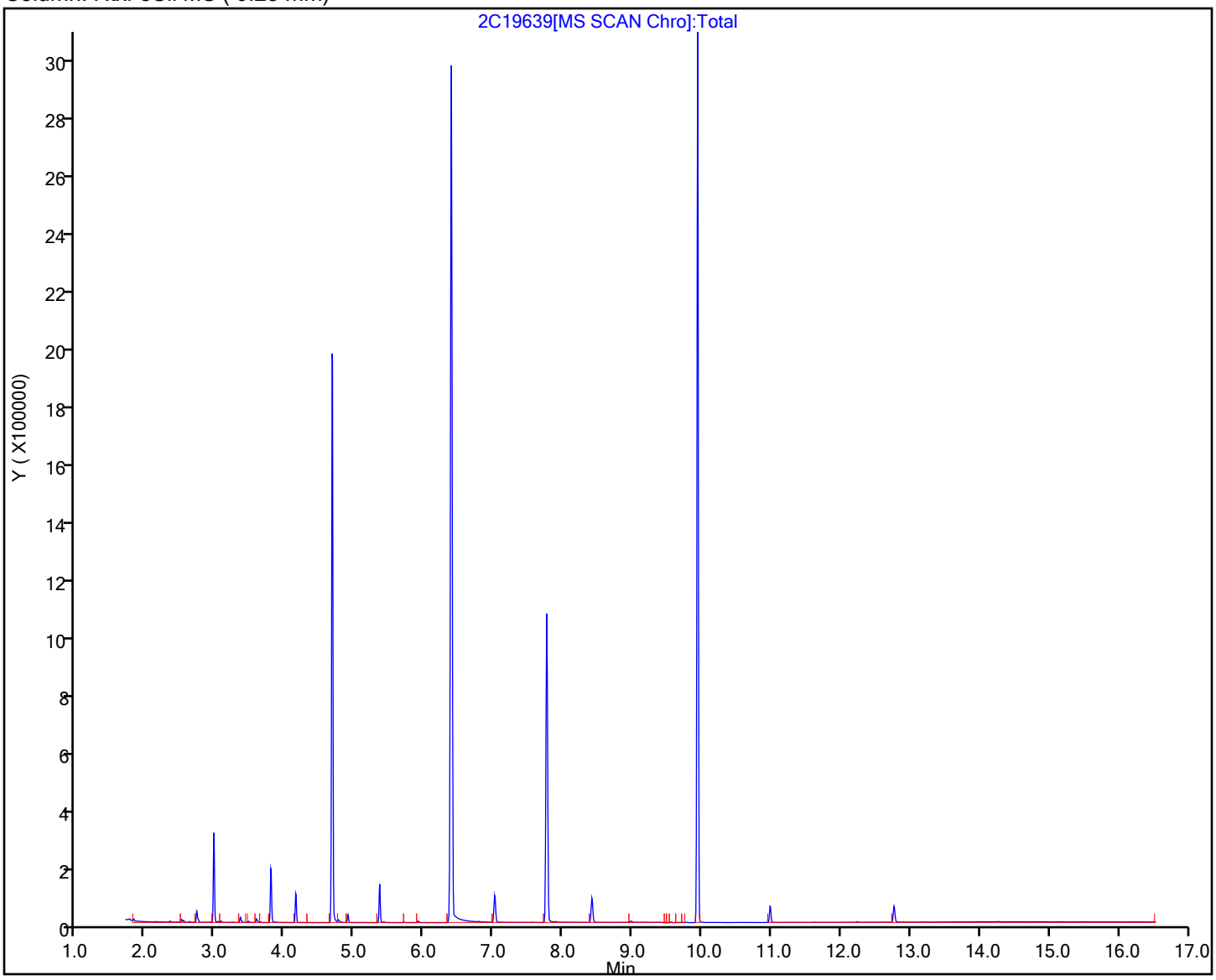
Client ID:

Operator ID: ALS Bottle#: 13 Worklist Smp#: 13

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19639.D
Lims ID: MB 460-1052770/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Aug-2025 11:28:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-013
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:00:05 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 12:04:09

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	6.38	63.79
$ 9 2-Fluorobiphenyl	10.0	5.88	58.82
$ 20 2,4,6-Tribromophenol	10.0	6.89	68.92
$ 23 Terphenyl-d14	10.0	7.05	70.48

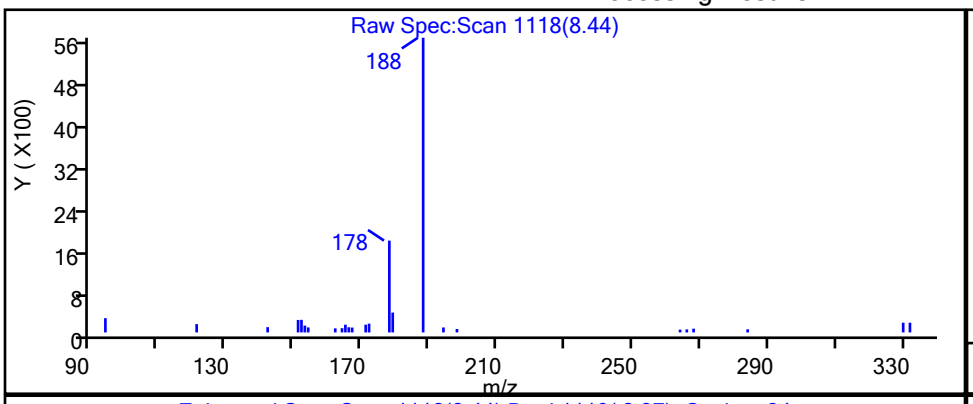
User Disabled Compound Report

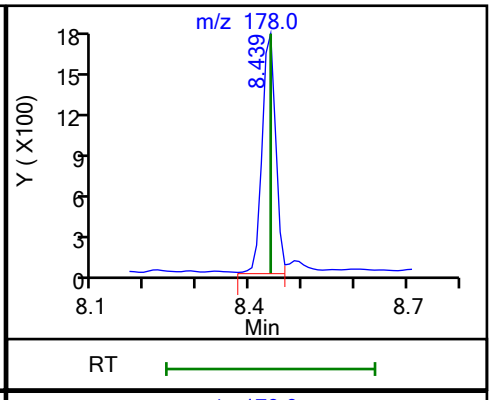
Eurofins Edison

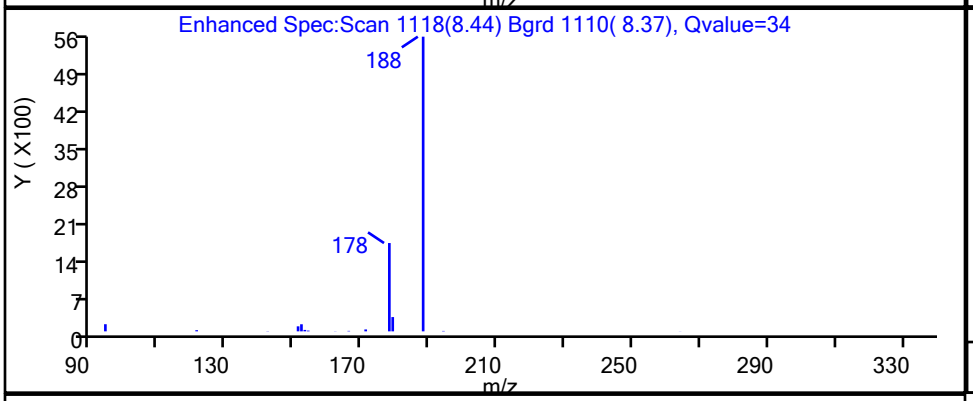
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19639.D				
Injection Date:	01-Aug-2025 11:28:30	Instrument ID:	CBNAMS2		
Lims ID:	MB 460-1052770/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

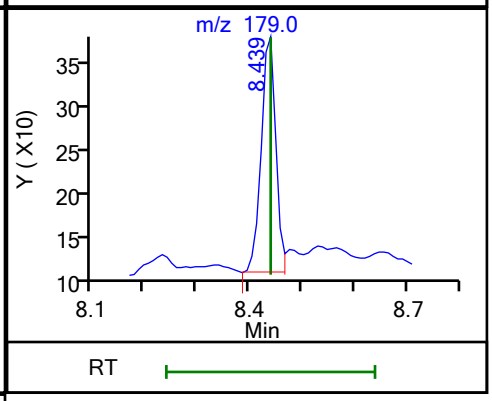
18 Phenanthrene, CAS: 85-01-8

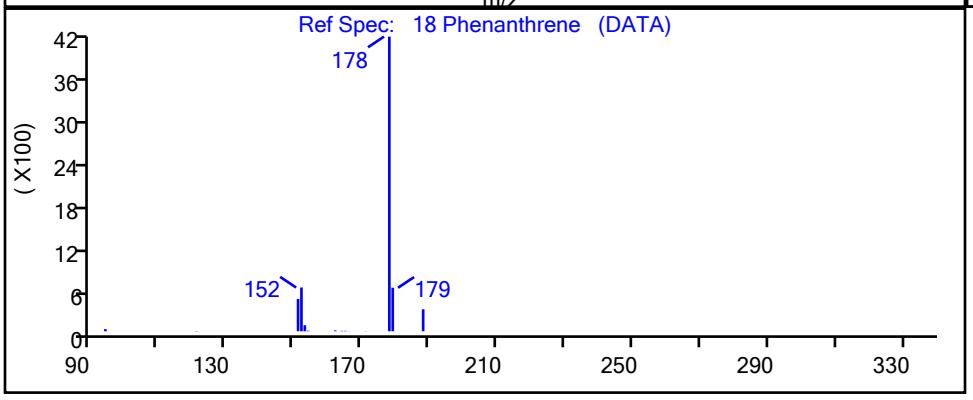
Processing Results











RT	Mass	Response	Amount
8.44	178.00	2996	0.004182
8.44	179.00	536	

Reviewer: QQ8R, 01-Aug-2025 12:04:05 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1052770/4-A

Matrix: Water | Lab File ID: 2C19634.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/30/2025 09:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 09:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.950		0.050	0.014
208-96-8	Acenaphthylene	0.948		0.050	0.015
120-12-7	Anthracene	1.05		0.050	0.025
56-55-3	Benzo[a]anthracene	0.966		0.050	0.016
50-32-8	Benzo[a]pyrene	0.979		0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.998		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	1.02		0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.986		0.050	0.028
218-01-9	Chrysene	0.956		0.050	0.030
53-70-3	Dibenz(a,h)anthracene	1.11		0.050	0.020
206-44-0	Fluoranthene	1.04		0.050	0.039
86-73-7	Fluorene	1.03		0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	1.13		0.050	0.036
91-20-3	Naphthalene	1.03		0.20	0.12
85-01-8	Phenanthrene	1.04		0.050	0.022
129-00-0	Pyrene	0.977		0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	85		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	96		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19634.D
Lims ID: LCS 460-1052770/4-A
Client ID:
Sample Type: LCS
Inject. Date: 01-Aug-2025 09:43:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-008
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:58:01 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 10:18:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.926	1.926	0.011	97	9506	0.2500	0.0880	M
2 N-Nitrosodimethylamine	74	2.087	2.076	0.011	77	9625	0.2500	0.0621	
3 Bis(2-chloroethyl)ether	93	3.899	3.904	-0.005	92	31247	0.2500	0.1216	
* 5 1,4-Dichlorobenzene-d4	150	4.148	4.153	-0.005	100	79634	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.673	4.673	0.000	98	236289	1.00	0.9607	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	100	146738	0.2000	0.2000	
8 Naphthalene	128	5.379	5.379	0.000	95	99636	0.2500	0.1283	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	512593	1.00	0.8530	
10 Acenaphthylene	152	6.877	6.877	0.000	100	84652	0.2500	0.1185	
* 11 Acenaphthene-d10	164	7.013	7.013	0.000	96	74526	0.2000	0.2000	
12 Acenaphthene	154	7.049	7.049	0.000	96	48748	0.2500	0.1187	
13 Fluorene	166	7.536	7.536	0.000	96	63063	0.2500	0.1291	
14 4,6-Dinitro-2-methylphenol	198	7.590	7.590	0.000	75	14968	0.5000	0.4793	
$ 20 2,4,6-Tribromophenol	330	7.762	7.762	0.000	90	120215	1.00	1.00	
15 Hexachlorobenzene	284	8.051	8.051	0.000	99	25466	0.2500	0.1199	
16 Pentachlorophenol	266	8.240	8.241	-0.001	93	23830	0.5000	0.3207	
* 17 Phenanthrene-d10	188	8.412	8.412	0.000	100	129611	0.2000	0.2000	
18 Phenanthrene	178	8.439	8.439	0.000	97	95311	0.2500	0.1304	
19 Anthracene	178	8.484	8.484	0.000	99	85515	0.2500	0.1314	
21 Fluoranthene	202	9.553	9.553	0.000	95	93720	0.2500	0.1297	
22 Pyrene	202	9.764	9.764	0.000	97	88965	0.2500	0.1221	
$ 23 Terphenyl-d14	244	9.936	9.936	0.000	95	465414	1.00	0.9451	
24 Benzo[a]anthracene	228	10.970	10.971	-0.001	70	67914	0.2500	0.1207	
* 25 Chrysene-d12	240	10.977	10.984	-0.007	100	77854	0.2000	0.2000	
26 Chrysene	228	11.010	11.010	0.000	99	66321	0.2500	0.1194	
27 Benzo[b]fluoranthene	252	12.262	12.262	0.000	53	68423	0.2500	0.1248	
28 Benzo[k]fluoranthene	252	12.295	12.302	-0.007	99	66327	0.2500	0.1233	
29 Benzo[a]pyrene	252	12.684	12.691	-0.007	12	53973	0.2500	0.1224	
* 30 Perylene-d12	264	12.763	12.763	0.000	100	78191	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.227	14.227	0.000	88	54191	0.2500	0.1417	
32 Dibenz(a,h)anthracene	278	14.273	14.273	0.000	94	51208	0.2500	0.1384	
33 Benzo[g,h,i]perylene	276	14.602	14.602	0.000	76	56464	0.2500	0.1269	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

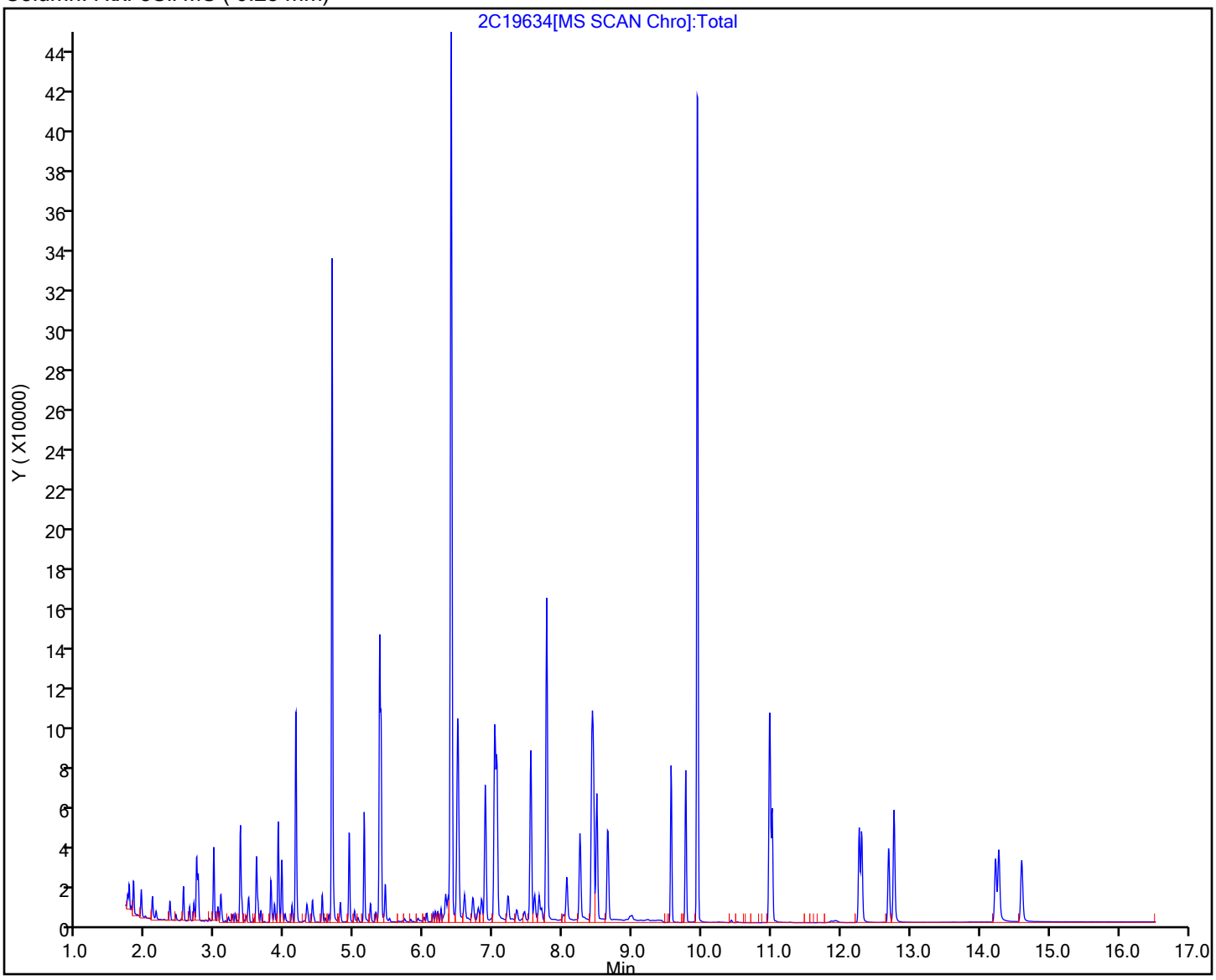
Reagents:

SM_SIMISTDLVI_00036	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 04-Aug-2025 08:58:01 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19634.D
Injection Date: 01-Aug-2025 09:43:30 Instrument ID: CBNAMS2
Lims ID: LCS 460-1052770/4-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19634.D
Lims ID: LCS 460-1052770/4-A
Client ID:
Sample Type: LCS
Inject. Date: 01-Aug-2025 09:43:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-008
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:58:01 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 10:18:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	1.00	0.9607	96.07
$ 9 2-Fluorobiphenyl	1.00	0.8530	85.30
$ 20 2,4,6-Tribromophenol	1.00	1.00	99.62
$ 23 Terphenyl-d14	1.00	0.9451	94.51

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1052770/5-A

Matrix: Water | Lab File ID: 2C19638.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 07/30/2025 09:36

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 11:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.946		0.050	0.014
208-96-8	Acenaphthylene	0.973		0.050	0.015
120-12-7	Anthracene	1.07		0.050	0.025
56-55-3	Benzo[a]anthracene	0.999		0.050	0.016
50-32-8	Benzo[a]pyrene	0.987		0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.969		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	1.01		0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.957		0.050	0.028
218-01-9	Chrysene	0.927		0.050	0.030
53-70-3	Dibenz(a,h)anthracene	1.16		0.050	0.020
206-44-0	Fluoranthene	1.14		0.050	0.039
86-73-7	Fluorene	1.06		0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	1.19		0.050	0.036
91-20-3	Naphthalene	0.999		0.20	0.12
85-01-8	Phenanthrene	1.02		0.050	0.022
129-00-0	Pyrene	0.935		0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	85		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	92		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19638.D
Lims ID: LCSD 460-1052770/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 01-Aug-2025 11:07:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-012
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:00:05 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 11:27:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.900	1.900	-0.015	98	7114	0.2500	0.0834	M
2 N-Nitrosodimethylamine	74	2.066	2.076	-0.010	78	7173	0.2500	0.0586	
3 Bis(2-chloroethyl)ether	93	3.894	3.904	-0.010	94	23756	0.2500	0.1170	
* 5 1,4-Dichlorobenzene-d4	150	4.148	4.153	-0.005	99	62906	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.673	4.673	0.000	97	185480	1.00	0.9210	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	100	120142	0.2000	0.2000	
8 Naphthalene	128	5.379	5.379	0.000	100	79417	0.2500	0.1249	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	432085	1.00	0.8531	
10 Acenaphthylene	152	6.877	6.877	0.000	100	73226	0.2500	0.1217	
* 11 Acenaphthene-d10	164	7.013	7.013	0.000	96	62809	0.2000	0.2000	
12 Acenaphthene	154	7.049	7.049	0.000	96	40939	0.2500	0.1183	
13 Fluorene	166	7.536	7.536	0.000	96	54316	0.2500	0.1319	
14 4,6-Dinitro-2-methylphenol	198	7.591	7.590	0.000	75	13286	0.5000	0.4754	
$ 20 2,4,6-Tribromophenol	330	7.762	7.762	0.000	90	109407	1.00	1.08	
15 Hexachlorobenzene	284	8.051	8.051	0.000	99	22400	0.2500	0.1176	
16 Pentachlorophenol	266	8.241	8.241	0.000	93	23971	0.5000	0.3563	
* 17 Phenanthrene-d10	188	8.412	8.412	0.000	100	116227	0.2000	0.2000	
18 Phenanthrene	178	8.439	8.439	0.000	97	83660	0.2500	0.1276	
19 Anthracene	178	8.484	8.484	0.000	100	77953	0.2500	0.1336	
21 Fluoranthene	202	9.553	9.553	0.000	95	92078	0.2500	0.1421	
22 Pyrene	202	9.764	9.764	0.000	97	84635	0.2500	0.1169	
$ 23 Terphenyl-d14	244	9.936	9.936	0.000	95	448380	1.00	0.9166	
24 Benzo[a]anthracene	228	10.971	10.971	0.000	70	69775	0.2500	0.1249	
* 25 Chrysene-d12	240	10.977	10.984	-0.007	100	77336	0.2000	0.2000	
26 Chrysene	228	11.010	11.010	0.000	98	63905	0.2500	0.1159	
27 Benzo[b]fluoranthene	252	12.262	12.262	0.000	42	69846	0.2500	0.1211	
28 Benzo[k]fluoranthene	252	12.295	12.302	-0.007	99	67656	0.2500	0.1196	
29 Benzo[a]pyrene	252	12.684	12.691	-0.007	12	57233	0.2500	0.1234	
* 30 Perylene-d12	264	12.763	12.763	0.000	100	82254	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.227	14.227	0.000	88	59962	0.2500	0.1491	
32 Dibenz(a,h)anthracene	278	14.273	14.273	0.000	93	56243	0.2500	0.1445	
33 Benzo[g,h,i]perylene	276	14.602	14.602	0.000	67	59065	0.2500	0.1262	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_SIMISTDLVI_00036	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 04-Aug-2025 09:00:05 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19638.D

Injection Date: 01-Aug-2025 11:07:30 Instrument ID: CBNAMS2

Lims ID: LCSD 460-1052770/5-A

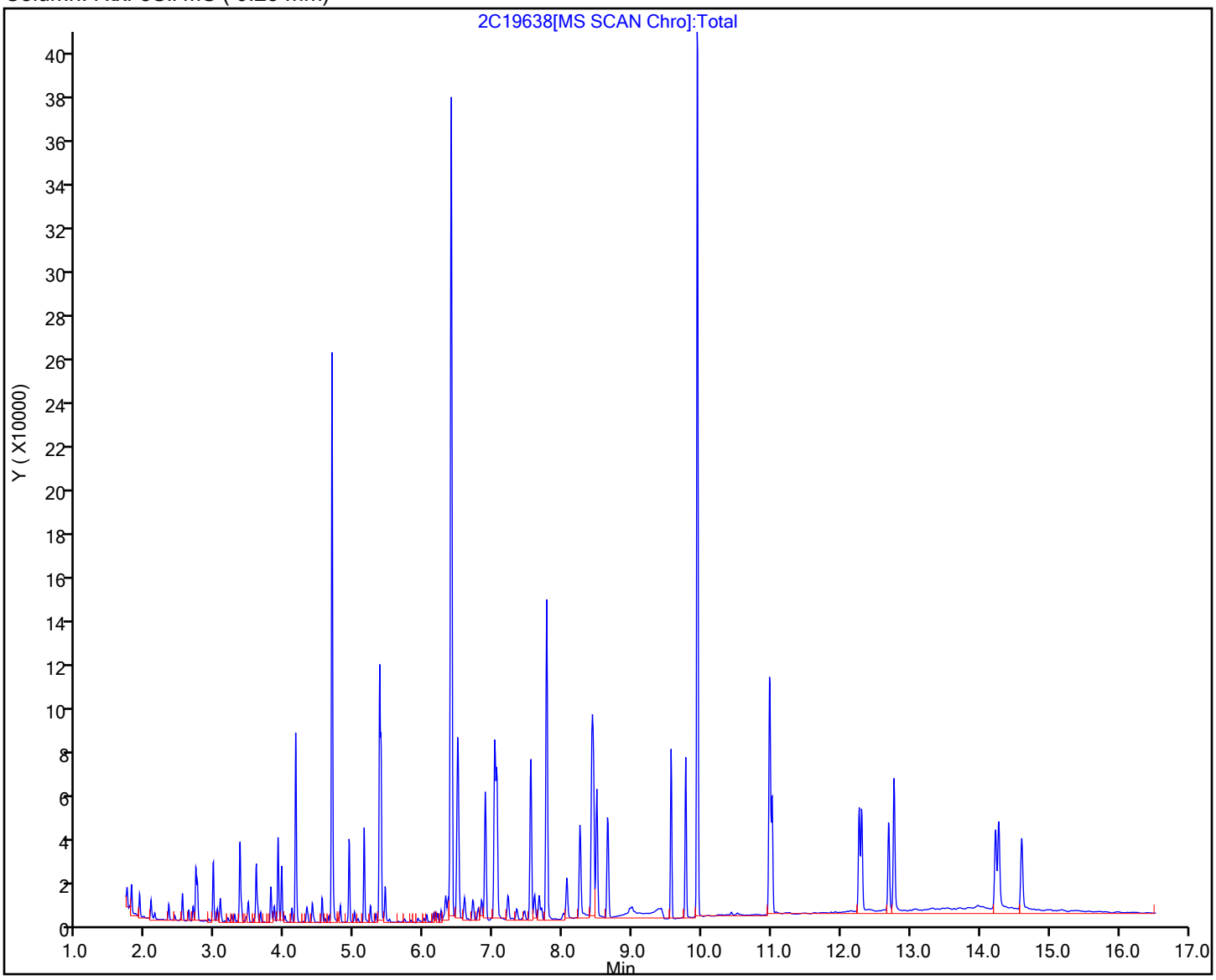
Client ID:

Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19638.D
Lims ID: LCSD 460-1052770/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 01-Aug-2025 11:07:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-012
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:00:05 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: QQ8R Date: 01-Aug-2025 11:27:15

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	1.00	0.9210	92.10
$ 9 2-Fluorobiphenyl	1.00	0.8531	85.31
$ 20 2,4,6-Tribromophenol	1.00	1.08	107.58
$ 23 Terphenyl-d14	1.00	0.9166	91.66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-12S MS | Lab Sample ID: 460-331678-6 MS

Matrix: Water | Lab File ID: 2C19657.D

Analysis Method: 8270E SIM | Date Collected: 07/28/2025 12:45

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:39

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 17:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	39.0		0.050	0.014
208-96-8	Acenaphthylene	41.1		0.050	0.015
120-12-7	Anthracene	47.3		0.050	0.025
56-55-3	Benzo[a]anthracene	47.4		0.050	0.016
50-32-8	Benzo[a]pyrene	51.4		0.050	0.022
205-99-2	Benzo[b]fluoranthene	46.7		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	50.4		0.050	0.035
207-08-9	Benzo[k]fluoranthene	46.9		0.050	0.028
218-01-9	Chrysene	43.3		0.050	0.030
53-70-3	Dibenz(a,h)anthracene	59.8		0.050	0.020
206-44-0	Fluoranthene	42.1		0.050	0.039
86-73-7	Fluorene	38.6		0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	63.3		0.050	0.036
91-20-3	Naphthalene	41.3		0.20	0.12
85-01-8	Phenanthrene	41.2		0.050	0.022
129-00-0	Pyrene	40.5		0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	80		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	95		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19657.D
Lims ID: 460-331678-E-6-B MS
Client ID: MW-12S
Sample Type: MS
Inject. Date: 01-Aug-2025 17:48:30 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-031
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:32:51 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 09:32:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.920	1.900	0.005	95	224629	10.0	1.03	
2 N-Nitrosodimethylamine	74	2.076	2.074	0.000	84	342452	10.0	1.09	
3 Bis(2-chloroethyl)ether	93	3.904	3.904	0.000	92	1136849	10.0	2.18	
* 5 1,4-Dichlorobenzene-d4	150	4.169	4.153	0.016	55	161509	0.2000	0.2000	Ma
$ 6 Nitrobenzene-d5	82	4.683	4.673	0.010	96	1823964	10.0	9.48	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	89	114756	0.2000	0.2000	
8 Naphthalene	128	5.379	5.379	0.000	100	3135324	10.0	5.16	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	3981451	10.0	8.03	
10 Acenaphthylene	152	6.886	6.877	0.009	100	3024634	10.0	5.13	
* 11 Acenaphthene-d10	164	7.022	7.013	0.009	62	61510	0.2000	0.2000	
12 Acenaphthene	154	7.049	7.049	0.000	97	1653062	10.0	4.88	
13 Fluorene	166	7.536	7.536	0.000	97	1944016	10.0	4.82	
14 4,6-Dinitro-2-methylphenol	198	7.600	7.590	0.010	89	881807	20.0	8.73	E
$ 20 2,4,6-Tribromophenol	330	7.771	7.762	0.009	90	872855	10.0	8.76	
15 Hexachlorobenzene	284	8.060	8.060	0.009	100	973439	10.0	6.38	
16 Pentachlorophenol	266	8.250	8.241	0.009	92	1159121	20.0	7.99	E
* 17 Phenanthrene-d10	188	8.421	8.412	0.009	16	93100	0.2000	0.2000	
18 Phenanthrene	178	8.439	8.439	0.000	96	2701194	10.0	5.14	
19 Anthracene	178	8.493	8.484	0.009	99	2765496	10.0	5.92	
21 Fluoranthene	202	9.560	9.553	0.007	95	2729779	10.0	5.26	
22 Pyrene	202	9.771	9.764	0.007	97	2762539	10.0	5.06	
$ 23 Terphenyl-d14	244	9.936	9.936	0.000	95	2090679	10.0	5.66	
24 Benzo[a]anthracene	228	10.977	10.971	0.006	34	2499725	10.0	5.93	
* 25 Chrysene-d12	240	10.984	10.984	0.000	13	58369	0.2000	0.2000	
26 Chrysene	228	11.017	11.010	0.007	99	2250706	10.0	5.41	
27 Benzo[b]fluoranthene	252	12.269	12.269	0.007	30	2628321	10.0	5.84	
28 Benzo[k]fluoranthene	252	12.309	12.308	0.007	100	2591651	10.0	5.87	
29 Benzo[a]pyrene	252	12.691	12.691	0.000	12	2325911	10.0	6.42	
* 30 Perylene-d12	264	12.763	12.763	0.000	99	64227	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.233	14.234	0.006	89	2483988	10.0	7.91	
32 Dibenz(a,h)anthracene	278	14.279	14.273	0.006	94	2272844	10.0	7.48	
33 Benzo[g,h,i]perylene	276	14.616	14.602	0.014	77	2304146	10.0	6.31	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Aug-2025 09:32:52 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19657.D

Injection Date: 01-Aug-2025 17:48:30 Instrument ID: CBNAMS2

Lims ID: 460-331678-E-6-B MS

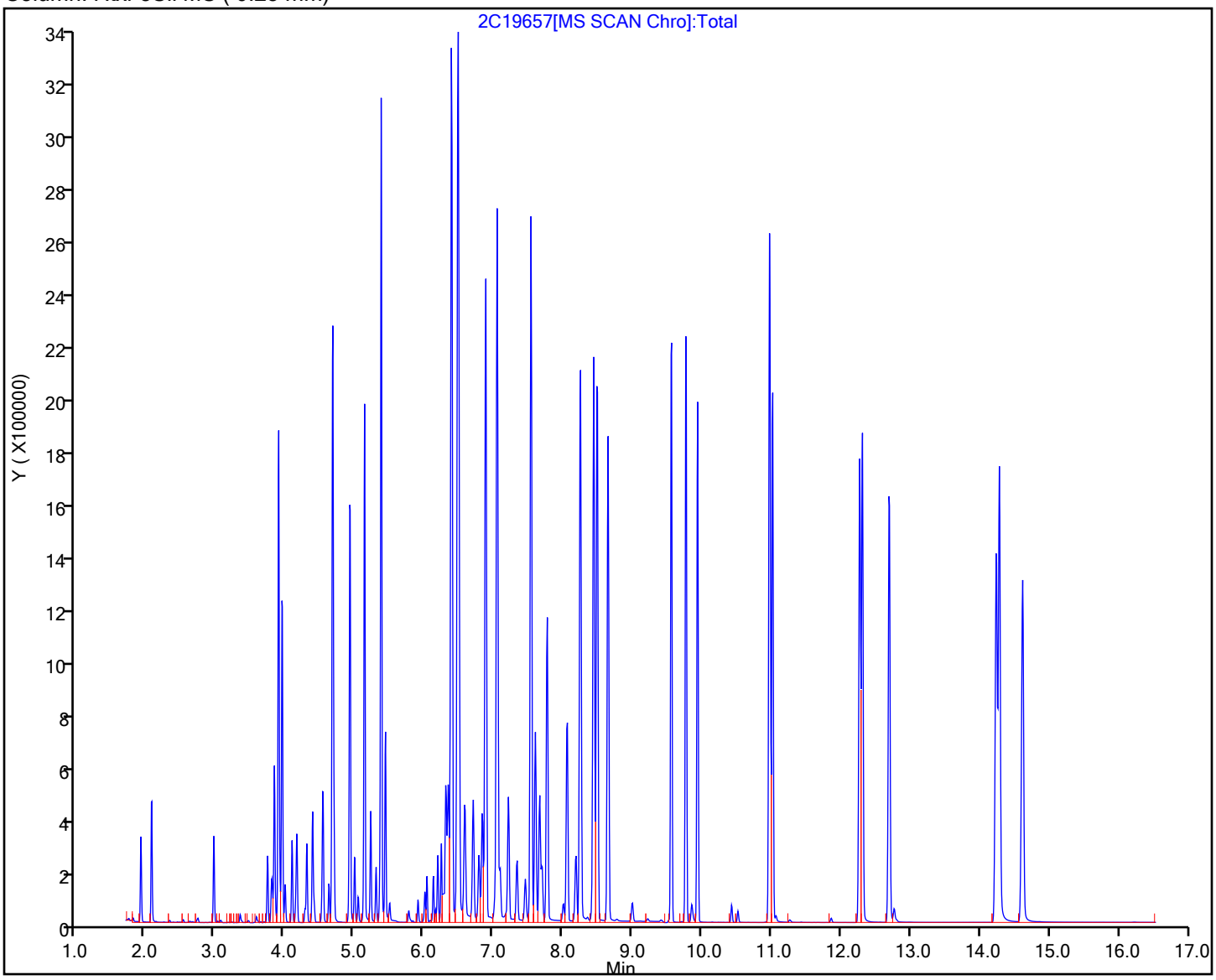
Client ID: MW-12S

Operator ID: ALS Bottle#: 31 Worklist Smp#: 31

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19657.D
Lims ID: 460-331678-E-6-B MS
Client ID: MW-12S
Sample Type: MS
Inject. Date: 01-Aug-2025 17:48:30 ALS Bottle#: 31 Worklist Smp#: 31
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-031
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:32:51 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 09:32:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	9.48	94.82
$ 9 2-Fluorobiphenyl	10.0	8.03	80.27
$ 20 2,4,6-Tribromophenol	10.0	8.76	87.64
$ 23 Terphenyl-d14	10.0	5.66	56.63

Manual Integration/User Assign Peak Report

Eurofins Edison

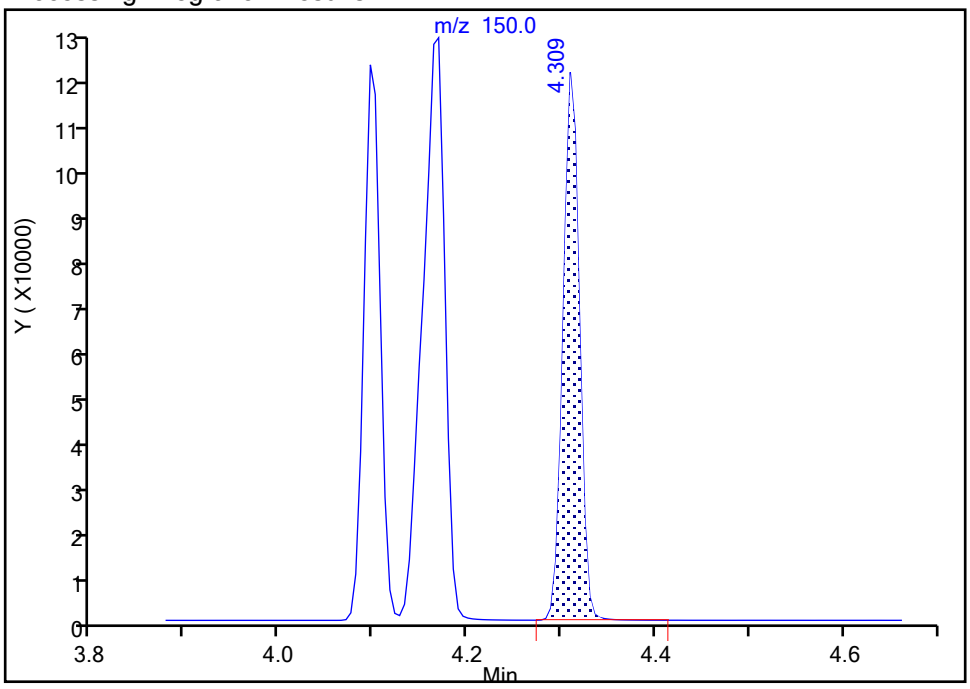
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19657.D				
Injection Date:	01-Aug-2025 17:48:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-6-B MS				
Client ID:	MW-12S				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	31
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 5 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

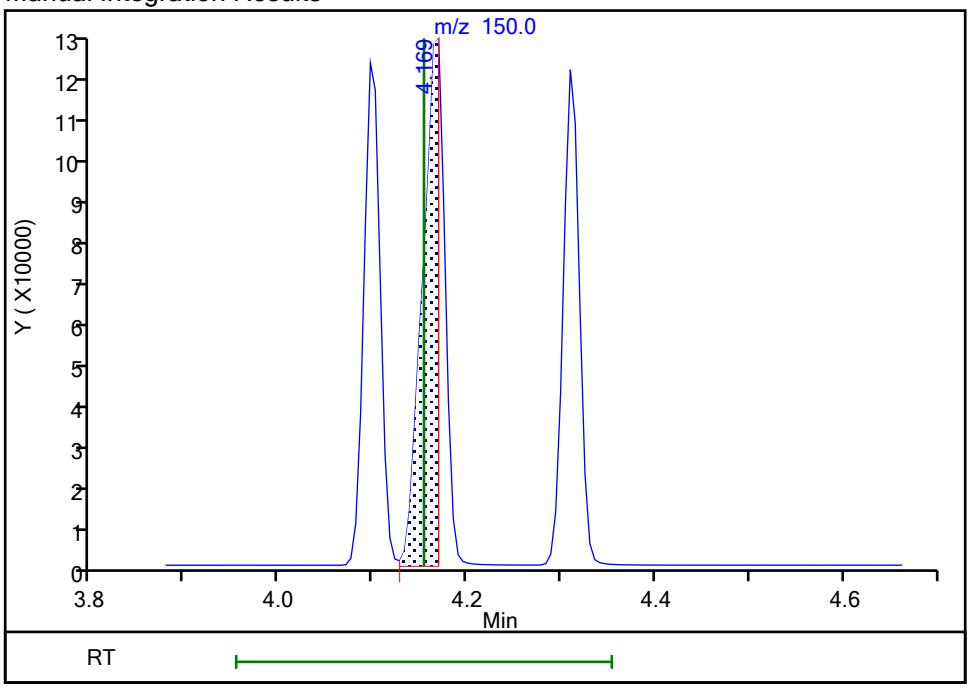
Processing Integration Results

RT: 4.31
Area: 140733
Amount: 0.200000
Amount Units: ug/ml



Manual Integration Results

RT: 4.17
Area: 161509
Amount: 0.200000
Amount Units: ug/ml



Reviewer: V5XH, 04-Aug-2025 09:32:10 07:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Assign Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331678-1

SDG No.:

Client Sample ID: MW-12S MSD | Lab Sample ID: 460-331678-6 MSD

Matrix: Water | Lab File ID: 2C19658.D

Analysis Method: 8270E SIM | Date Collected: 07/28/2025 12:45

Extract. Method: 3510C | Date Extracted: 07/31/2025 10:39

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 18:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053189 | Units: ug/L

Preparation Batch No.: 1052770 | Instrument ID: CBNAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	40.4		0.050	0.014
208-96-8	Acenaphthylene	42.8		0.050	0.015
120-12-7	Anthracene	44.3		0.050	0.025
56-55-3	Benzo[a]anthracene	43.8		0.050	0.016
50-32-8	Benzo[a]pyrene	46.3		0.050	0.022
205-99-2	Benzo[b]fluoranthene	42.0		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	45.3		0.050	0.035
207-08-9	Benzo[k]fluoranthene	42.0		0.050	0.028
218-01-9	Chrysene	39.4		0.050	0.030
53-70-3	Dibenz(a,h)anthracene	53.7		0.050	0.020
206-44-0	Fluoranthene	38.9		0.050	0.039
86-73-7	Fluorene	39.6		0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	56.4		0.050	0.036
91-20-3	Naphthalene	38.6		0.20	0.12
85-01-8	Phenanthrene	38.5		0.050	0.022
129-00-0	Pyrene	37.3		0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	75		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	79		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19658.D
Lims ID: 460-331678-E-6-C MSD
Client ID: MW-12S
Sample Type: MSD
Inject. Date: 01-Aug-2025 18:10:30 ALS Bottle#: 32 Worklist Smp#: 32
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-032
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:33:51 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:41:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.920	1.900	0.005	94	257499	10.0	1.10	
2 N-Nitrosodimethylamine	74	2.071	2.074	-0.005	87	398042	10.0	1.19	
3 Bis(2-chloroethyl)ether	93	3.904	3.904	0.000	91	1085285	10.0	1.95	
* 5 1,4-Dichlorobenzene-d4	150	4.164	4.153	0.011	49	172334	0.2000	0.2000	Ma
$ 6 Nitrobenzene-d5	82	4.678	4.673	0.005	98	1615398	10.0	7.86	
* 7 Naphthalene-d8	136	5.358	5.358	0.000	91	122640	0.2000	0.2000	
8 Naphthalene	128	5.379	5.379	0.000	100	3131022	10.0	4.82	
$ 9 2-Fluorobiphenyl	172	6.390	6.390	0.000	95	3526642	10.0	7.48	
10 Acenaphthylene	152	6.886	6.877	0.009	100	2997000	10.0	5.35	
* 11 Acenaphthene-d10	164	7.022	7.013	0.009	70	58481	0.2000	0.2000	
12 Acenaphthene	154	7.049	7.049	0.000	97	1628631	10.0	5.05	
13 Fluorene	166	7.536	7.536	0.000	98	1898849	10.0	4.95	
14 4,6-Dinitro-2-methylphenol	198	7.599	7.590	0.009	90	859545	20.0	8.39	E
$ 20 2,4,6-Tribromophenol	330	7.771	7.762	0.009	90	751644	10.0	7.94	
15 Hexachlorobenzene	284	8.060	8.060	0.009	100	940356	10.0	5.89	
16 Pentachlorophenol	266	8.249	8.241	0.008	91	1006791	20.0	7.13	E
* 17 Phenanthrene-d10	188	8.421	8.412	0.009	17	97462	0.2000	0.2000	
18 Phenanthrene	178	8.439	8.439	0.000	96	2648086	10.0	4.82	
19 Anthracene	178	8.493	8.484	0.009	100	2706276	10.0	5.53	
21 Fluoranthene	202	9.560	9.553	0.007	95	2644197	10.0	4.87	
22 Pyrene	202	9.771	9.764	0.007	97	2632542	10.0	4.66	
$ 23 Terphenyl-d14	244	9.936	9.936	0.000	95	1943162	10.0	5.10	
24 Benzo[a]anthracene	228	10.970	10.971	-0.001	33	2385114	10.0	5.48	
* 25 Chrysene-d12	240	10.984	10.984	0.000	13	60289	0.2000	0.2000	
26 Chrysene	228	11.017	11.010	0.007	99	2115078	10.0	4.92	
27 Benzo[b]fluoranthene	252	12.269	12.269	0.007	42	2466806	10.0	5.25	
28 Benzo[k]fluoranthene	252	12.308	12.308	0.006	100	2421165	10.0	5.25	
29 Benzo[a]pyrene	252	12.691	12.691	0.000	1	2184612	10.0	5.78	
* 30 Perylene-d12	264	12.763	12.763	0.000	99	67004	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.240	14.234	0.013	88	2309566	10.0	7.05	
32 Dibenz(a,h)anthracene	278	14.279	14.273	0.006	94	2130379	10.0	6.72	
33 Benzo[g,h,i]perylene	276	14.615	14.602	0.013	78	2156549	10.0	5.66	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Aug-2025 09:33:52 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19658.D

Injection Date: 01-Aug-2025 18:10:30 Instrument ID: CBNAMS2

Lims ID: 460-331678-E-6-C MSD

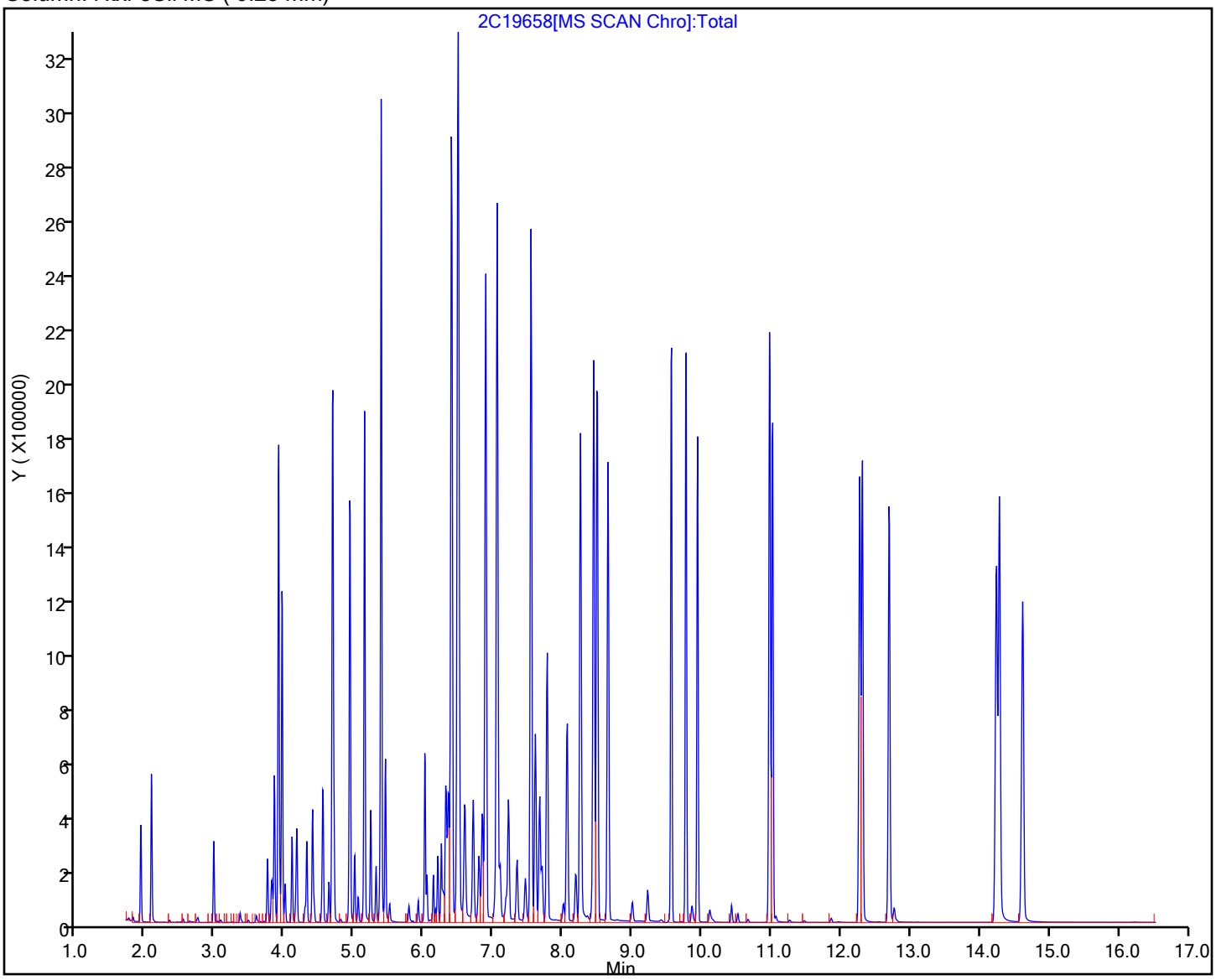
Client ID: MW-12S

Operator ID: ALS Bottle#: 32 Worklist Smp#: 32

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: SIM_BNA2 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19658.D
Lims ID: 460-331678-E-6-C MSD
Client ID: MW-12S
Sample Type: MSD
Inject. Date: 01-Aug-2025 18:10:30 ALS Bottle#: 32 Worklist Smp#: 32
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194394-032
Operator ID: Instrument ID: CBNAMS2

Method: \\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\SIM_BNA2.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 09:33:51 Calib Date: 05-Jun-2025 11:27:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS2\20250605-191796.b\2C18410.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 18:41:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	7.86	78.58
$ 9 2-Fluorobiphenyl	10.0	7.48	74.78
$ 20 2,4,6-Tribromophenol	10.0	7.94	79.38
$ 23 Terphenyl-d14	10.0	5.10	50.96

Manual Integration/User Assign Peak Report

Eurofins Edison

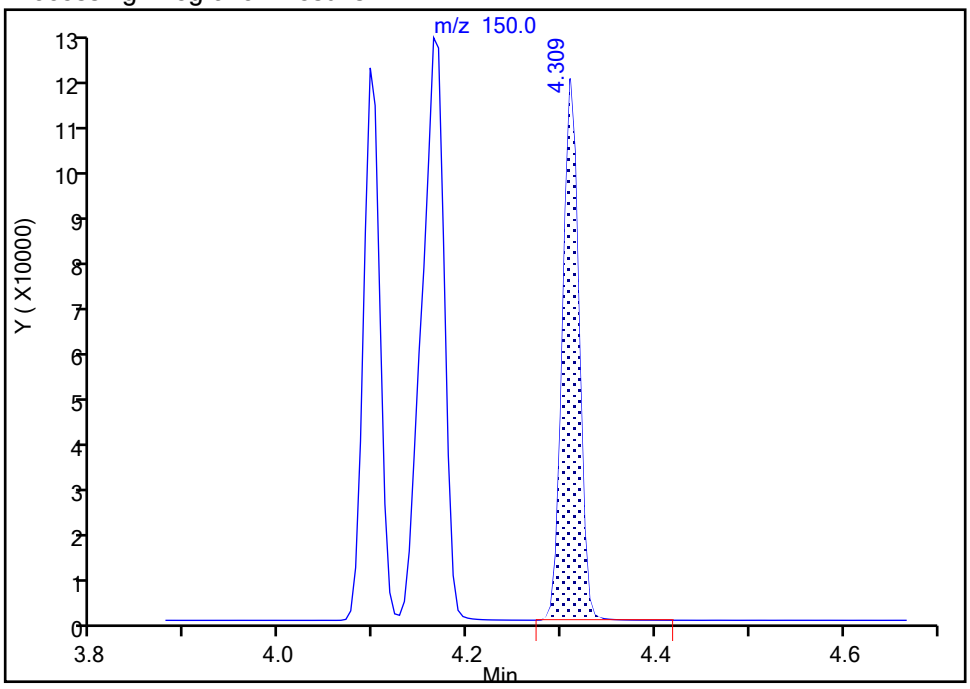
Data File:	\\chromfs\Edison\ChromData\CBNAMS2\20250801-194394.b\2C19658.D				
Injection Date:	01-Aug-2025 18:10:30	Instrument ID:	CBNAMS2		
Lims ID:	460-331678-E-6-C MSD				
Client ID:	MW-12S				
Operator ID:		ALS Bottle#:	32	Worklist Smp#:	32
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA2	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 5 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

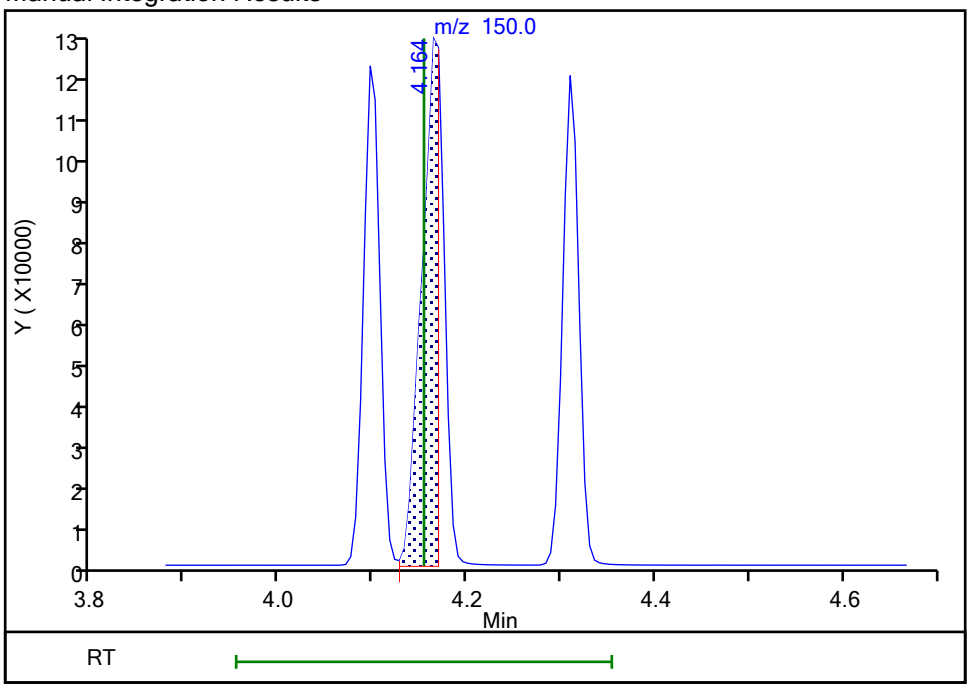
Processing Integration Results

RT: 4.31
Area: 144583
Amount: 0.200000
Amount Units: ug/ml



Manual Integration Results

RT: 4.16
Area: 172334
Amount: 0.200000
Amount Units: ug/ml



Reviewer: V5XH, 04-Aug-2025 09:33:09 07:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Assign Peak

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Instrument ID: CBNAMS2 Start Date: 06/05/2025 08:08

Analysis Batch Number: 1041632 End Date: 06/05/2025 11:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-1041632/1		06/05/2025 08:08	1	2C18401.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-1041632/2		06/05/2025 08:38	1	2C18402.D	Rtxi-5Sil MS 0.25(mm)
STD9 460-1041632/3 IC		06/05/2025 08:59	1	2C18403.D	Rtxi-5Sil MS 0.25(mm)
STD8 460-1041632/4 IC		06/05/2025 09:20	1	2C18404.D	Rtxi-5Sil MS 0.25(mm)
STD7 460-1041632/5 IC		06/05/2025 09:41	1	2C18405.D	Rtxi-5Sil MS 0.25(mm)
STD6 460-1041632/6 IC		06/05/2025 10:02	1	2C18406.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-1041632/7 IC		06/05/2025 10:23	1	2C18407.D	Rtxi-5Sil MS 0.25(mm)
STD3 460-1041632/8 IC		06/05/2025 10:45	1	2C18408.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-1041632/9 IC		06/05/2025 11:06	1	2C18409.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-1041632/10 IC		06/05/2025 11:27	1	2C18410.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-1041632/11		06/05/2025 11:48	1	2C18411.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Instrument ID: CBNAMS2 Start Date: 08/01/2025 07:36

Analysis Batch Number: 1053189 End Date: 08/01/2025 18:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1053189/2		08/01/2025 07:36	1	2C19628.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		08/01/2025 08:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		08/01/2025 08:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		08/01/2025 09:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		08/01/2025 09:22	1		Rtxi-5Sil MS 0.25(mm)
LCS 460-1052770/4-A		08/01/2025 09:43	1	2C19634.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 10:46	1		Rtxi-5Sil MS 0.25(mm)
LCSD 460-1052770/5-A		08/01/2025 11:07	1	2C19638.D	Rtxi-5Sil MS 0.25(mm)
MB 460-1052770/1-A		08/01/2025 11:28	1	2C19639.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 11:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 12:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 12:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 12:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 13:14	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 13:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 13:56	1		Rtxi-5Sil MS 0.25(mm)
460-331678-2	MW-10S	08/01/2025 14:59	1	2C19649.D	Rtxi-5Sil MS 0.25(mm)
460-331678-3	MW-1	08/01/2025 15:21	1	2C19650.D	Rtxi-5Sil MS 0.25(mm)
460-331678-4	MW-14S	08/01/2025 15:42	1	2C19651.D	Rtxi-5Sil MS 0.25(mm)
460-331678-5	MW-7S	08/01/2025 16:03	1	2C19652.D	Rtxi-5Sil MS 0.25(mm)
460-331678-7	MW-12D	08/01/2025 16:24	1	2C19653.D	Rtxi-5Sil MS 0.25(mm)
460-331678-8	DUP-01	08/01/2025 16:45	1	2C19654.D	Rtxi-5Sil MS 0.25(mm)
460-331678-9	FB-07282025	08/01/2025 17:06	1	2C19655.D	Rtxi-5Sil MS 0.25(mm)
460-331678-6	MW-12S	08/01/2025 17:27	1	2C19656.D	Rtxi-5Sil MS 0.25(mm)
460-331678-6 MS	MW-12S MS	08/01/2025 17:48	1	2C19657.D	Rtxi-5Sil MS 0.25(mm)
460-331678-6 MSD	MW-12S MSD	08/01/2025 18:10	1	2C19658.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1041632 Batch Start Date: 06/05/25 08:08 Batch Analyst: Nimer, Diaa

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	SM_SIMICV_LVI 00038	SM_simSlviL1 00021	SM_simSlviL2 00021	SM_simSlviL3 00024	SM_simSlviL4 00020
DFTPP 460-1041632/1		8270E SIM			1 mL					
ICIS 460-1041632/2		8270E SIM			1 mL					
STD9 460-1041632/3 IC		8270E SIM			1 mL					
STD8 460-1041632/4 IC		8270E SIM			1 mL					
STD7 460-1041632/5 IC		8270E SIM			1 mL					
STD6 460-1041632/6 IC		8270E SIM			1 mL					
STD4 460-1041632/7 IC		8270E SIM			1 mL					1 mL
STD3 460-1041632/8 IC		8270E SIM			1 mL				1 mL	
STD2 460-1041632/9 IC		8270E SIM			1 mL			1 mL		
STD1 460-1041632/10 IC		8270E SIM			1 mL		1 mL			
ICV 460-1041632/11		8270E SIM			1 mL	1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SM_simSlviL5 00021	SM_simSlviL6 00022	SM_simSlviL7 00005	SM_simSlviL8 00003	SM_simSlviL9 00003	SMDFTP_CH 00037
DFTPP 460-1041632/1		8270E SIM								1 mL
ICIS 460-1041632/2		8270E SIM			1 mL					
STD9 460-1041632/3 IC		8270E SIM							1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1041632 Batch Start Date: 06/05/25 08:08 Batch Analyst: Nimer, Diaa

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SM_simSlviL5 00021	SM_simSlviL6 00022	SM_simSlviL7 00005	SM_simSlviL8 00003	SM_simSlviL9 00003	SMDFTP_CH 00037
STD8 460-1041632/4 IC		8270E SIM						1 mL		
STD7 460-1041632/5 IC		8270E SIM					1 mL			
STD6 460-1041632/6 IC		8270E SIM				1 mL				
STD4 460-1041632/7 IC		8270E SIM								
STD3 460-1041632/8 IC		8270E SIM								
STD2 460-1041632/9 IC		8270E SIM								
STD1 460-1041632/10 IC		8270E SIM								
ICV 460-1041632/11		8270E SIM								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1052770 Batch Start Date: 07/30/25 09:36 Batch Analyst: Patel, Bhartiben X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00023
MB 460-1052770/1		3510C, 8270E SIM			250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
LCS 460-1052770/4		3510C, 8270E SIM			250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
LCSD 460-1052770/5		3510C, 8270E SIM			250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-2	MW-10S	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-3	MW-1	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-4	MW-14S	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-5	MW-7S	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-7	MW-12D	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-8	DUP-01	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-9	FB-07282025	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-6	MW-12S	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331678-E-6 MS	MW-12S	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	5 uL
460-331678-E-6 MSD	MW-12S	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_BNA SIM SP 00036	OP_BNA SPIK 00055	OP_BNASurroga 00031			
MB 460-1052770/1		3510C, 8270E SIM					200 uL			
LCS 460-1052770/4		3510C, 8270E SIM			50 uL		20 uL			
LCSD 460-1052770/5		3510C, 8270E SIM			50 uL		20 uL			
460-331678-E-2	MW-10S	3510C, 8270E SIM	Water	T			200 uL			
460-331678-E-3	MW-1	3510C, 8270E SIM	Water	T			200 uL			
460-331678-E-4	MW-14S	3510C, 8270E SIM	Water	T			200 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1052770 Batch Start Date: 07/30/25 09:36 Batch Analyst: Patel, Bhartiben X

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_BNA SIM SP 00036	OP_BNA SPIK 00055	OP_BNASurroga 00031			
460-331678-E-5	MW-7S	3510C, 8270E SIM	Water	T			200 uL			
460-331678-E-7	MW-12D	3510C, 8270E SIM	Water	T			200 uL			
460-331678-E-8	DUP-01	3510C, 8270E SIM	Water	T			200 uL			
460-331678-E-9	FB-07282025	3510C, 8270E SIM	Water	T			200 uL			
460-331678-E-6	MW-12S	3510C, 8270E SIM	Water	T			200 uL			
460-331678-E-6 MS	MW-12S	3510C, 8270E SIM	Water	T		200 uL	200 uL			
460-331678-E-6 MSD	MW-12S	3510C, 8270E SIM	Water	T		200 uL	200 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331678-1

SDG No.:

Batch Number: 1052770 Batch Start Date: 07/30/25 09:36 Batch Analyst: Patel, Bhartiben X

Batch Method: 3510C Batch End Date:

Batch Notes	
Method/Fraction	3510C_LVI / 8270E
Balance is Level? (Y/N)	yes
pH Indicator ID	VWR: HC457151
Analyst ID - Extraction	BP
Analyst ID - Spike Analyst	BP
Analyst ID - Spike Witness Analyst	SS
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	FISHER
Base Used to Adjust pH ID	VWR: 24H1456377
Prep Solvent ID	FISHER r Dichloromethane: 251820
Prep Solvent Volume Used	40ml mL
Na2SO4 ID	Fisher: 232415
Analyst ID - Concentration	BP
Equipment ID - Concentration 1	N-EVAP: 36337
Thermometer ID - Concentration 1	N-EVAP: 36337
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	Agilent Technologies: 21046158
Batch Comment	BNA WATER

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

TestAmerica New York City
47-32 32nd Place
Suite 1141
Long Island City NY 11101-2425
phone 347.507.0579 fax

Chain of Custody Record

NYCC 2222

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact	Project Manager: Chris Morris	Site Contact: Tom Johansen	Date: 7/28/24	COC No:
GEI Consultants Inc. P C.	Tel/Fax: (631) 759-2967	Lab Contact: Katelyn Connelly	Carrier: Test America	1 of 1 COCs
1000 New York Avenue	Analysis Turnaround Time			Sampler: Vouzianas
Huntington Station, Suite B, NY 11746	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(631) 760 - 9300 Phone	TAT if different from Below standard			Walk-in Client:
(631) 760 - 9301 FAX	☐ 2 weeks			Lab Sampling
Project Name: National Grid Downstate	☐ 1 week			
Site: Patchogue	☐ 2 days			Job / SDG No.
P O # 2503970.1 18.3	☐ 1 day			

331678

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	BTEX 8260D	PAH+2-methylnaphthalene 8270E	Sample Specific Notes:
TB-07282025	7/28/2025		G	GW	2			X		1
MW-10S	7/28/2025	0915	G	GW	5			X	X	2
MW-1	7/28/2025	0955	G	GW	5			X	X	3
MW-14S	7/28/2025	1055	G	GW	5			X	X	4
MW-7S	7/28/2025	1150	G	GW	5			X	X	5
MW-12S	7/28/2025	1245	G	GW	15			X	X	6 MS/MSD
MW-12D	7/28/2025	1350	G	GW	5			X	X	7
DUP-01	7/28/2025		G	GW	5			X	X	8
FB-07282025	7/28/2025	1400	G	GW	5			X	X	9

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be asses

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

460-331678 Chain of Custody

Special Instructions/QC Requirements & Comments: CAT B REPORT

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by: Greg Vouzianas	Company: GEI Consultants Inc P.C.	Date/Time: 7/29/25 1035	Received by: Hilary Caballero	Company: EA	Date/Time: 7/29/25 10:35
Relinquished by:	Company:	Date/Time:	Received by:	Company: FET	Date/Time: 7/29/25 1700
Relinquished by:	Company: FET	Date/Time: 7/29/25 1900	Received in Laboratory by: Emily Butler	Company: EA	Date/Time: 7/29/25 1900

NO CS IR#9 1.0 - C.7

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 331678

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.0 °C	0.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: MM Date: 7/29/25

TestAmerica New York City
47-32 32nd Place
Suite 1141
Long Island City NY 11101-2425
phone 347.507.0579 fax

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other

Client Contact	Project Manager: Chris Morris	Site Contact: Tom Johansen	Date: 7/28/24	COC No:
GEI Consultants Inc. P.C.	Tel/Fax: (631) 759-2967	Lab Contact: Katelyn Connelly	Carrier: Test America	1 of 1 COCs
1000 New York Avenue	Analysis Turnaround Time			Sampler: Vouzianas
Huntington Station, Suite B, NY 11746	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(631) 760 9300 Phone	TAT if different from Below standard			Walk-in Client:
(631) 760 9301 FAX	☐ 2 weeks			Sampling.
Project Name: National Grid Downstate	☐ 1 week			SDG No. 331678
Site: Patchogue	☐ 2 days			
P O # 2503970.1 18.3	☐ 1 day			

460-331678 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	BTEX EPA Method 8260	PAHs plus SIM (Method 8270)	Sample Specific Notes.
TB-07282025	7/28/2025	-	G	GW	2			X		
MW-10S	7/28/2025	0915	G	GW	5			X	X	
MW-1	7/28/2025	0955	G	GW	5			X	X	
MW-14S	7/28/2025	1055	G	GW	5			X	X	
MW-7S	7/28/2025	1150	G	GW	5			X	X	
MW-12S	7/28/2025	1245	G	GW	15			X	X	MS/MSD
MW-12D	7/28/2025	1350	G	GW	5			X	X	
DUP-01	7/28/2025		G	GW	5			X	X	
FB-07282025	7/28/2025	1400	G	GW	5			X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: CAT B REPORT

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd. _____ Corr'd: _____		Therm ID No.: _____
Relinquished by: Greg Vouzianas	Company: GEI Consultants Inc P.C.	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev 4.11, dated 1/24/2017

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 331678

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.0 °C	0.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted. _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: KR Date: 7/29/25

Login Sample Receipt Checklist

Client: GEI Consultants Inc

Job Number: 460-331678-1

Login Number: 331678
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher Morris
GEI Consultants Inc
1000 New York Avenue
Huntington Station NY 11746

Generated 08/04/2025

JOB DESCRIPTION

National Grid-Downstate Patchogue

JOB NUMBER

460-331763-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
08/04/2025

Authorized for release by
Katelyn M Connelly, Project Manager I
Katelyn.Connelly@et.eurofinsus.com

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Job Narrative
460-331763-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/30/2025 7:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: GEI Consultants Inc
Job ID: 460-331763-1
Project/Site: National Grid-Downstate Patchogue

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-331763-1	TB-07292025	Water	07/29/25 00:00	07/30/25 19:10
460-331763-2	MW-11S	Water	07/29/25 09:55	07/30/25 19:10
460-331763-3	MW-8S	Water	07/29/25 10:45	07/30/25 19:10
460-331763-4	MW-3	Water	07/29/25 11:35	07/30/25 19:10
460-331763-5	MW-13S	Water	07/29/25 12:20	07/30/25 19:10
460-331763-6	MW-13D	Water	07/29/25 13:15	07/30/25 19:10
460-331763-7	MW-4S	Water	07/29/25 14:00	07/30/25 19:10

Detection Summary

Client: GEI Consultants Inc
Job ID: 460-331763-1
Project/Site: National Grid-Downstate Patchogue

Client Sample ID: TB-07292025
Lab Sample ID: 460-331763-1

No Detections.

Client Sample ID: MW-11S
Lab Sample ID: 460-331763-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.60		0.45	0.070	ug/L	1		8260D	Total/NA
Xylenes, Total	1.0	J	2.0	0.65	ug/L	1		8260D	Total/NA
Acenaphthene	26		0.050	0.014	ug/L	1		8270E SIM	Total/NA
Acenaphthylene	0.51		0.050	0.015	ug/L	1		8270E SIM	Total/NA
Anthracene	1.6		0.050	0.025	ug/L	1		8270E SIM	Total/NA
Benzo[a]anthracene	0.090		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Chrysene	0.062		0.050	0.030	ug/L	1		8270E SIM	Total/NA
Dibenz(a,h)anthracene	0.020	J	0.050	0.020	ug/L	1		8270E SIM	Total/NA
Fluoranthene	2.2		0.050	0.039	ug/L	1		8270E SIM	Total/NA
Fluorene	6.1		0.050	0.012	ug/L	1		8270E SIM	Total/NA
Phenanthrene	0.49		0.050	0.022	ug/L	1		8270E SIM	Total/NA
Pyrene	2.3		0.050	0.031	ug/L	1		8270E SIM	Total/NA

Client Sample ID: MW-8S
Lab Sample ID: 460-331763-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.089		0.050	0.014	ug/L	1		8270E SIM	Total/NA
Fluorene	0.014	J	0.050	0.012	ug/L	1		8270E SIM	Total/NA

Client Sample ID: MW-3
Lab Sample ID: 460-331763-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.77	J	1.0	0.30	ug/L	1		8260D	Total/NA
Toluene	0.54	J	1.0	0.38	ug/L	1		8260D	Total/NA
Xylenes, Total	1.0	J	2.0	0.65	ug/L	1		8260D	Total/NA
Acenaphthene	15		0.050	0.014	ug/L	1		8270E SIM	Total/NA
Acenaphthylene	1.3		0.050	0.015	ug/L	1		8270E SIM	Total/NA
Anthracene	0.87		0.050	0.025	ug/L	1		8270E SIM	Total/NA
Benzo[a]anthracene	0.10		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Fluoranthene	5.1		0.050	0.039	ug/L	1		8270E SIM	Total/NA
Fluorene	4.6		0.050	0.012	ug/L	1		8270E SIM	Total/NA
Naphthalene	28		0.20	0.12	ug/L	1		8270E SIM	Total/NA
Phenanthrene	7.3		0.050	0.022	ug/L	1		8270E SIM	Total/NA
Pyrene	4.8		0.050	0.031	ug/L	1		8270E SIM	Total/NA
2-Methylnaphthalene	9.4	J	10	0.53	ug/L	1		8270E	Total/NA

Client Sample ID: MW-13S
Lab Sample ID: 460-331763-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.71		0.45	0.070	ug/L	1		8260D	Total/NA
Acenaphthene	9.5		0.050	0.014	ug/L	1		8270E SIM	Total/NA
Acenaphthylene	0.34		0.050	0.015	ug/L	1		8270E SIM	Total/NA
Anthracene	0.16		0.050	0.025	ug/L	1		8270E SIM	Total/NA
Benzo[a]anthracene	0.13		0.050	0.016	ug/L	1		8270E SIM	Total/NA
Chrysene	0.077		0.050	0.030	ug/L	1		8270E SIM	Total/NA
Fluoranthene	0.77		0.050	0.039	ug/L	1		8270E SIM	Total/NA
Fluorene	2.7		0.050	0.012	ug/L	1		8270E SIM	Total/NA
Naphthalene	10		0.20	0.12	ug/L	1		8270E SIM	Total/NA
Phenanthrene	0.53		0.050	0.022	ug/L	1		8270E SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-13S (Continued)
Lab Sample ID: 460-331763-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.85		0.050	0.031	ug/L	1		8270E SIM	Total/NA
2-Methylnaphthalene	1.7	J	10	0.53	ug/L	1		8270E	Total/NA

Client Sample ID: MW-13D
Lab Sample ID: 460-331763-6

No Detections.

Client Sample ID: MW-4S
Lab Sample ID: 460-331763-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	4.4		0.050	0.014	ug/L	1		8270E SIM	Total/NA
Acenaphthylene	0.098		0.050	0.015	ug/L	1		8270E SIM	Total/NA
Anthracene	0.041	J	0.050	0.025	ug/L	1		8270E SIM	Total/NA
Fluoranthene	0.71		0.050	0.039	ug/L	1		8270E SIM	Total/NA
Fluorene	0.74		0.050	0.012	ug/L	1		8270E SIM	Total/NA
Pyrene	0.77		0.050	0.031	ug/L	1		8270E SIM	Total/NA

Method Summary

Client: GEI Consultants Inc
Job ID: 460-331763-1
Project/Site: National Grid-Downstate Patchogue

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: TB-07292025
Lab Sample ID: 460-331763-1

Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 14:53	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 14:53	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 14:53	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*		*08/01/25 14:53*	*1*
4-Bromofluorobenzene	*88*		*76 - 120*		*08/01/25 14:53*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*08/01/25 14:53*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*08/01/25 14:53*	*1*

Client Sample ID: MW-11S
Lab Sample ID: 460-331763-2

Date Collected: 07/29/25 09:55
Matrix: Water
Date Received: 07/30/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.60**		0.45	0.070	ug/L			08/01/25 16:31	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 16:31	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 16:31	1
Xylenes, Total	**1.0**	**J**	2.0	0.65	ug/L			08/01/25 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 128*		*08/01/25 16:31*	*1*
4-Bromofluorobenzene	*92*		*76 - 120*		*08/01/25 16:31*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*08/01/25 16:31*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/01/25 16:31*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**26**		0.050	0.014	ug/L		08/01/25 11:19	08/01/25 22:10	1
Acenaphthylene	**0.51**		0.050	0.015	ug/L		08/01/25 11:19	08/01/25 22:10	1
Anthracene	**1.6**		0.050	0.025	ug/L		08/01/25 11:19	08/01/25 22:10	1
Benzo[a]anthracene	**0.090**		0.050	0.016	ug/L		08/01/25 11:19	08/01/25 22:10	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		08/01/25 11:19	08/01/25 22:10	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		08/01/25 11:19	08/01/25 22:10	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		08/01/25 11:19	08/01/25 22:10	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		08/01/25 11:19	08/01/25 22:10	1
Chrysene	**0.062**		0.050	0.030	ug/L		08/01/25 11:19	08/01/25 22:10	1
Dibenz(a,h)anthracene	**0.020**	**J**	0.050	0.020	ug/L		08/01/25 11:19	08/01/25 22:10	1
Fluoranthene	**2.2**		0.050	0.039	ug/L		08/01/25 11:19	08/01/25 22:10	1
Fluorene	**6.1**		0.050	0.012	ug/L		08/01/25 11:19	08/01/25 22:10	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		08/01/25 11:19	08/01/25 22:10	1
Naphthalene	0.20	U	0.20	0.12	ug/L		08/01/25 11:19	08/01/25 22:10	1
Phenanthrene	**0.49**		0.050	0.022	ug/L		08/01/25 11:19	08/01/25 22:10	1
Pyrene	**2.3**		0.050	0.031	ug/L		08/01/25 11:19	08/01/25 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*33 - 150*	*08/01/25 11:19*	*08/01/25 22:10*	*1*
Nitrobenzene-d5 (Surr)	*60*		*36 - 150*	*08/01/25 11:19*	*08/01/25 22:10*	*1*

Client Sample ID: MW-11S
Lab Sample ID: 460-331763-2
Date Collected: 07/29/25 09:55
Matrix: Water
Date Received: 07/30/25 19:10

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		08/01/25 11:19	08/02/25 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*54*		*38 - 139*	*08/01/25 11:19*	*08/02/25 02:48*	*1*
Nitrobenzene-d5 (Surr)	*69*		*39 - 145*	*08/01/25 11:19*	*08/02/25 02:48*	*1*
Terphenyl-d14 (Surr)	*30*		*10 - 133*	*08/01/25 11:19*	*08/02/25 02:48*	*1*

Client Sample ID: MW-8S
Lab Sample ID: 460-331763-3
Date Collected: 07/29/25 10:45
Matrix: Water
Date Received: 07/30/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 16:55	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 16:55	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 16:55	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*		*08/01/25 16:55*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*08/01/25 16:55*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*08/01/25 16:55*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/01/25 16:55*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.089**		0.050	0.014	ug/L		08/01/25 11:19	08/01/25 22:31	1
Acenaphthylene	0.050	U	0.050	0.015	ug/L		08/01/25 11:19	08/01/25 22:31	1
Anthracene	0.050	U	0.050	0.025	ug/L		08/01/25 11:19	08/01/25 22:31	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		08/01/25 11:19	08/01/25 22:31	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		08/01/25 11:19	08/01/25 22:31	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		08/01/25 11:19	08/01/25 22:31	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		08/01/25 11:19	08/01/25 22:31	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		08/01/25 11:19	08/01/25 22:31	1
Chrysene	0.050	U	0.050	0.030	ug/L		08/01/25 11:19	08/01/25 22:31	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		08/01/25 11:19	08/01/25 22:31	1
Fluoranthene	0.050	U	0.050	0.039	ug/L		08/01/25 11:19	08/01/25 22:31	1
Fluorene	**0.014**	**J**	0.050	0.012	ug/L		08/01/25 11:19	08/01/25 22:31	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		08/01/25 11:19	08/01/25 22:31	1
Naphthalene	0.20	U	0.20	0.12	ug/L		08/01/25 11:19	08/01/25 22:31	1
Phenanthrene	0.050	U	0.050	0.022	ug/L		08/01/25 11:19	08/01/25 22:31	1
Pyrene	0.050	U	0.050	0.031	ug/L		08/01/25 11:19	08/01/25 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*33 - 150*	*08/01/25 11:19*	*08/01/25 22:31*	*1*
Nitrobenzene-d5 (Surr)	*75*		*36 - 150*	*08/01/25 11:19*	*08/01/25 22:31*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		08/01/25 11:19	08/02/25 03:09	1

Client Sample ID: MW-8S
Lab Sample ID: 460-331763-3
Date Collected: 07/29/25 10:45
Matrix: Water
Date Received: 07/30/25 19:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	66		38 - 139	08/01/25 11:19	08/02/25 03:09	1
Nitrobenzene-d5 (Surr)	88		39 - 145	08/01/25 11:19	08/02/25 03:09	1
Terphenyl-d14 (Surr)	37		10 - 133	08/01/25 11:19	08/02/25 03:09	1

Client Sample ID: MW-3
Lab Sample ID: 460-331763-4
Date Collected: 07/29/25 11:35
Matrix: Water
Date Received: 07/30/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 17:19	1
Ethylbenzene	**0.77**	**J**	1.0	0.30	ug/L			08/01/25 17:19	1
Toluene	**0.54**	**J**	1.0	0.38	ug/L			08/01/25 17:19	1
Xylenes, Total	**1.0**	**J**	2.0	0.65	ug/L			08/01/25 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 128		08/01/25 17:19	1
4-Bromofluorobenzene	105		76 - 120		08/01/25 17:19	1
Dibromofluoromethane (Surr)	103		77 - 132		08/01/25 17:19	1
Toluene-d8 (Surr)	87		80 - 120		08/01/25 17:19	1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**15**		0.050	0.014	ug/L		08/01/25 11:19	08/01/25 22:52	1
Acenaphthylene	**1.3**		0.050	0.015	ug/L		08/01/25 11:19	08/01/25 22:52	1
Anthracene	**0.87**		0.050	0.025	ug/L		08/01/25 11:19	08/01/25 22:52	1
Benzo[a]anthracene	**0.10**		0.050	0.016	ug/L		08/01/25 11:19	08/01/25 22:52	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		08/01/25 11:19	08/01/25 22:52	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		08/01/25 11:19	08/01/25 22:52	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		08/01/25 11:19	08/01/25 22:52	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		08/01/25 11:19	08/01/25 22:52	1
Chrysene	0.050	U	0.050	0.030	ug/L		08/01/25 11:19	08/01/25 22:52	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		08/01/25 11:19	08/01/25 22:52	1
Fluoranthene	**5.1**		0.050	0.039	ug/L		08/01/25 11:19	08/01/25 22:52	1
Fluorene	**4.6**		0.050	0.012	ug/L		08/01/25 11:19	08/01/25 22:52	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		08/01/25 11:19	08/01/25 22:52	1
Naphthalene	**28**		0.20	0.12	ug/L		08/01/25 11:19	08/01/25 22:52	1
Phenanthrene	**7.3**		0.050	0.022	ug/L		08/01/25 11:19	08/01/25 22:52	1
Pyrene	**4.8**		0.050	0.031	ug/L		08/01/25 11:19	08/01/25 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	65		33 - 150	08/01/25 11:19	08/01/25 22:52	1
Nitrobenzene-d5 (Surr)	64		36 - 150	08/01/25 11:19	08/01/25 22:52	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**9.4**	**J**	10	0.53	ug/L		08/01/25 11:19	08/02/25 03:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	61		38 - 139	08/01/25 11:19	08/02/25 03:30	1
Nitrobenzene-d5 (Surr)	76		39 - 145	08/01/25 11:19	08/02/25 03:30	1
Terphenyl-d14 (Surr)	35		10 - 133	08/01/25 11:19	08/02/25 03:30	1

Client Sample ID: MW-13S
Lab Sample ID: 460-331763-5
Date Collected: 07/29/25 12:20
Matrix: Water
Date Received: 07/30/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.71**		0.45	0.070	ug/L			08/01/25 15:17	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 15:17	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 15:17	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 128*		*08/01/25 15:17*	*1*
4-Bromofluorobenzene	*106*		*76 - 120*		*08/01/25 15:17*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*08/01/25 15:17*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/01/25 15:17*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**9.5**		0.050	0.014	ug/L		08/01/25 11:19	08/01/25 23:12	1
Acenaphthylene	**0.34**		0.050	0.015	ug/L		08/01/25 11:19	08/01/25 23:12	1
Anthracene	**0.16**		0.050	0.025	ug/L		08/01/25 11:19	08/01/25 23:12	1
Benzo[a]anthracene	**0.13**		0.050	0.016	ug/L		08/01/25 11:19	08/01/25 23:12	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		08/01/25 11:19	08/01/25 23:12	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		08/01/25 11:19	08/01/25 23:12	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		08/01/25 11:19	08/01/25 23:12	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		08/01/25 11:19	08/01/25 23:12	1
Chrysene	**0.077**		0.050	0.030	ug/L		08/01/25 11:19	08/01/25 23:12	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		08/01/25 11:19	08/01/25 23:12	1
Fluoranthene	**0.77**		0.050	0.039	ug/L		08/01/25 11:19	08/01/25 23:12	1
Fluorene	**2.7**		0.050	0.012	ug/L		08/01/25 11:19	08/01/25 23:12	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		08/01/25 11:19	08/01/25 23:12	1
Naphthalene	**10**		0.20	0.12	ug/L		08/01/25 11:19	08/01/25 23:12	1
Phenanthrene	**0.53**		0.050	0.022	ug/L		08/01/25 11:19	08/01/25 23:12	1
Pyrene	**0.85**		0.050	0.031	ug/L		08/01/25 11:19	08/01/25 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*33 - 150*	*08/01/25 11:19*	*08/01/25 23:12*	*1*
Nitrobenzene-d5 (Surr)	*68*		*36 - 150*	*08/01/25 11:19*	*08/01/25 23:12*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**1.7**	**J**	10	0.53	ug/L		08/01/25 11:19	08/02/25 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*38 - 139*	*08/01/25 11:19*	*08/02/25 03:50*	*1*
Nitrobenzene-d5 (Surr)	*80*		*39 - 145*	*08/01/25 11:19*	*08/02/25 03:50*	*1*
Terphenyl-d14 (Surr)	*33*		*10 - 133*	*08/01/25 11:19*	*08/02/25 03:50*	*1*

Client Sample ID: MW-13D
Lab Sample ID: 460-331763-6
Date Collected: 07/29/25 13:15
Matrix: Water
Date Received: 07/30/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 15:42	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 15:42	1

Client Sample ID: MW-13D
Lab Sample ID: 460-331763-6
Date Collected: 07/29/25 13:15
Matrix: Water
Date Received: 07/30/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 15:42	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*		*08/01/25 15:42*	*1*
4-Bromofluorobenzene	*90*		*76 - 120*		*08/01/25 15:42*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*08/01/25 15:42*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/01/25 15:42*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.050	U	0.050	0.014	ug/L		08/01/25 11:19	08/01/25 23:33	1
Acenaphthylene	0.050	U	0.050	0.015	ug/L		08/01/25 11:19	08/01/25 23:33	1
Anthracene	0.050	U	0.050	0.025	ug/L		08/01/25 11:19	08/01/25 23:33	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		08/01/25 11:19	08/01/25 23:33	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		08/01/25 11:19	08/01/25 23:33	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		08/01/25 11:19	08/01/25 23:33	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		08/01/25 11:19	08/01/25 23:33	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		08/01/25 11:19	08/01/25 23:33	1
Chrysene	0.050	U	0.050	0.030	ug/L		08/01/25 11:19	08/01/25 23:33	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		08/01/25 11:19	08/01/25 23:33	1
Fluoranthene	0.050	U	0.050	0.039	ug/L		08/01/25 11:19	08/01/25 23:33	1
Fluorene	0.050	U	0.050	0.012	ug/L		08/01/25 11:19	08/01/25 23:33	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		08/01/25 11:19	08/01/25 23:33	1
Naphthalene	0.20	U	0.20	0.12	ug/L		08/01/25 11:19	08/01/25 23:33	1
Phenanthrene	0.050	U	0.050	0.022	ug/L		08/01/25 11:19	08/01/25 23:33	1
Pyrene	0.050	U	0.050	0.031	ug/L		08/01/25 11:19	08/01/25 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*33 - 150*	*08/01/25 11:19*	*08/01/25 23:33*	*1*
Nitrobenzene-d5 (Surr)	*69*		*36 - 150*	*08/01/25 11:19*	*08/01/25 23:33*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		08/01/25 11:19	08/02/25 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*38 - 139*	*08/01/25 11:19*	*08/02/25 04:12*	*1*
Nitrobenzene-d5 (Surr)	*88*		*39 - 145*	*08/01/25 11:19*	*08/02/25 04:12*	*1*
Terphenyl-d14 (Surr)	*44*		*10 - 133*	*08/01/25 11:19*	*08/02/25 04:12*	*1*

Client Sample ID: MW-4S
Lab Sample ID: 460-331763-7
Date Collected: 07/29/25 14:00
Matrix: Water
Date Received: 07/30/25 19:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 16:06	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 16:06	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 16:06	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 16:06	1

Client Sample ID: MW-4S
Date Collected: 07/29/25 14:00
Date Received: 07/30/25 19:10

Lab Sample ID: 460-331763-7
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*		*08/01/25 16:06*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*08/01/25 16:06*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*08/01/25 16:06*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/01/25 16:06*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**4.4**		0.050	0.014	ug/L		08/01/25 11:19	08/01/25 23:54	1
Acenaphthylene	**0.098**		0.050	0.015	ug/L		08/01/25 11:19	08/01/25 23:54	1
Anthracene	**0.041**	**J**	0.050	0.025	ug/L		08/01/25 11:19	08/01/25 23:54	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		08/01/25 11:19	08/01/25 23:54	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		08/01/25 11:19	08/01/25 23:54	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		08/01/25 11:19	08/01/25 23:54	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		08/01/25 11:19	08/01/25 23:54	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		08/01/25 11:19	08/01/25 23:54	1
Chrysene	0.050	U	0.050	0.030	ug/L		08/01/25 11:19	08/01/25 23:54	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		08/01/25 11:19	08/01/25 23:54	1
Fluoranthene	**0.71**		0.050	0.039	ug/L		08/01/25 11:19	08/01/25 23:54	1
Fluorene	**0.74**		0.050	0.012	ug/L		08/01/25 11:19	08/01/25 23:54	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		08/01/25 11:19	08/01/25 23:54	1
Naphthalene	0.20	U	0.20	0.12	ug/L		08/01/25 11:19	08/01/25 23:54	1
Phenanthrene	0.050	U	0.050	0.022	ug/L		08/01/25 11:19	08/01/25 23:54	1
Pyrene	**0.77**		0.050	0.031	ug/L		08/01/25 11:19	08/01/25 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*33 - 150*	*08/01/25 11:19*	*08/01/25 23:54*	*1*
Nitrobenzene-d5 (Surr)	*76*		*36 - 150*	*08/01/25 11:19*	*08/01/25 23:54*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		08/01/25 11:19	08/02/25 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*38 - 139*	*08/01/25 11:19*	*08/02/25 04:32*	*1*
Nitrobenzene-d5 (Surr)	*92*		*39 - 145*	*08/01/25 11:19*	*08/02/25 04:32*	*1*
Terphenyl-d14 (Surr)	*45*		*10 - 133*	*08/01/25 11:19*	*08/02/25 04:32*	*1*

Surrogate Summary

Client: GEI Consultants Inc
Job ID: 460-331763-1
Project/Site: National Grid-Downstate Patchogue

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-331763-1	TB-07292025	84	88	103	88
460-331763-2	MW-11S	94	92	102	95
460-331763-3	MW-8S	96	106	103	93
460-331763-4	MW-3	98	105	103	87
460-331763-5	MW-13S	96	106	103	101
460-331763-6	MW-13D	95	90	103	93
460-331763-7	MW-4S	97	100	102	103
LCS 460-1053164/5	Lab Control Sample	84	108	90	91
MB 460-1053164/9	Method Blank	92	104	102	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(38-139)	(39-145)	(10-133)
460-331763-2	MW-11S	54	69	30
460-331763-3	MW-8S	66	88	37
460-331763-4	MW-3	61	76	35
460-331763-5	MW-13S	66	80	33
460-331763-6	MW-13D	64	88	44
460-331763-7	MW-4S	68	92	45
LCS 460-1053256/2-A	Lab Control Sample	56	58	51
LCSD 460-1053256/3-A	Lab Control Sample Dup	56	59	52
MB 460-1053256/1-A	Method Blank	87	98	74

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		FBP	NBZ
Lab Sample ID	Client Sample ID	(33-150)	(36-150)
460-331763-2	MW-11S	62	60
460-331763-3	MW-8S	76	75
460-331763-4	MW-3	65	64
460-331763-5	MW-13S	71	68
460-331763-6	MW-13D	75	69
460-331763-7	MW-4S	86	76
LCS 460-1053256/4-A	Lab Control Sample	81	72
LCSD 460-1053256/5-A	Lab Control Sample Dup	51	46

Surrogate Summary

Client: GEI Consultants Inc
Job ID: 460-331763-1
Project/Site: National Grid-Downstate Patchogue

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		FBP	NBZ								
Lab Sample ID	Client Sample ID	(33-150)	(36-150)								
MB 460-1053256/1-A	Method Blank	61	63								

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1053164/9
Matrix: Water
Analysis Batch: 1053164

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.45	U	0.45	0.070	ug/L			08/01/25 09:59	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/01/25 09:59	1
Toluene	1.0	U	1.0	0.38	ug/L			08/01/25 09:59	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/01/25 09:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*		*08/01/25 09:59*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*08/01/25 09:59*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*08/01/25 09:59*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*08/01/25 09:59*	*1*

Lab Sample ID: LCS 460-1053164/5
Matrix: Water
Analysis Batch: 1053164

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	18.7		ug/L		93	71 - 126		
Ethylbenzene			20.0	17.3		ug/L		87	78 - 120		
Toluene			20.0	18.4		ug/L		92	78 - 120		
Xylenes, Total			40.0	34.0		ug/L		85	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*108*		*76 - 120*
Dibromofluoromethane (Surr)	*90*		*77 - 132*
Toluene-d8 (Surr)	*91*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1053256/1-A
Matrix: Water
Analysis Batch: 1053358

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1053256

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		08/01/25 10:26	08/01/25 22:33	1
Acenaphthene	10	U	10	1.1	ug/L		08/01/25 10:26	08/01/25 22:33	1
Acenaphthylene	10	U	10	0.82	ug/L		08/01/25 10:26	08/01/25 22:33	1
Anthracene	10	U	10	1.3	ug/L		08/01/25 10:26	08/01/25 22:33	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		08/01/25 10:26	08/01/25 22:33	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		08/01/25 10:26	08/01/25 22:33	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		08/01/25 10:26	08/01/25 22:33	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		08/01/25 10:26	08/01/25 22:33	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		08/01/25 10:26	08/01/25 22:33	1
Chrysene	2.0	U	2.0	0.91	ug/L		08/01/25 10:26	08/01/25 22:33	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		08/01/25 10:26	08/01/25 22:33	1
Fluoranthene	10	U	10	0.84	ug/L		08/01/25 10:26	08/01/25 22:33	1
Fluorene	10	U	10	0.91	ug/L		08/01/25 10:26	08/01/25 22:33	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		08/01/25 10:26	08/01/25 22:33	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1053256/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1053358
Prep Batch: 1053256

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.0	U	2.0	0.54	ug/L		08/01/25 10:26	08/01/25 22:33	1
Phenanthrene	10	U	10	1.3	ug/L		08/01/25 10:26	08/01/25 22:33	1
Pyrene	10	U	10	1.6	ug/L		08/01/25 10:26	08/01/25 22:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*38 - 139*	*08/01/25 10:26*	*08/01/25 22:33*	*1*
Nitrobenzene-d5 (Surr)	*98*		*39 - 145*	*08/01/25 10:26*	*08/01/25 22:33*	*1*
Terphenyl-d14 (Surr)	*74*		*10 - 133*	*08/01/25 10:26*	*08/01/25 22:33*	*1*

Lab Sample ID: LCS 460-1053256/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1053358
Prep Batch: 1053256

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylnaphthalene	80.0	56.6		ug/L		71	45 - 110
Acenaphthene	80.0	50.0		ug/L		62	58 - 127
Acenaphthylene	80.0	58.8		ug/L		74	63 - 133
Anthracene	80.0	59.9		ug/L		75	59 - 127
Benzo[a]anthracene	80.0	57.3		ug/L		72	58 - 131
Benzo[a]pyrene	80.0	57.7		ug/L		72	63 - 148
Benzo[b]fluoranthene	80.0	56.6		ug/L		71	60 - 140
Benzo[g,h,i]perylene	80.0	53.5		ug/L		67	52 - 150
Benzo[k]fluoranthene	80.0	54.6		ug/L		68	60 - 140
Chrysene	80.0	55.6		ug/L		69	57 - 132
Dibenz(a,h)anthracene	80.0	56.6		ug/L		71	53 - 150
Fluoranthene	80.0	60.7		ug/L		76	59 - 137
Fluorene	80.0	55.1		ug/L		69	61 - 125
Indeno[1,2,3-cd]pyrene	80.0	58.4		ug/L		73	54 - 150
Naphthalene	80.0	56.3		ug/L		70	45 - 126
Phenanthrene	80.0	59.1		ug/L		74	58 - 126
Pyrene	80.0	53.5		ug/L		67	53 - 137

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*56*		*38 - 139*
Nitrobenzene-d5 (Surr)	*58*		*39 - 145*
Terphenyl-d14 (Surr)	*51*		*10 - 133*

Lab Sample ID: LCSD 460-1053256/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1053358
Prep Batch: 1053256

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylnaphthalene	80.0	57.1		ug/L		71	45 - 110	1	30
Acenaphthene	80.0	50.2		ug/L		63	58 - 127	0	30
Acenaphthylene	80.0	59.3		ug/L		74	63 - 133	1	30
Anthracene	80.0	58.8		ug/L		74	59 - 127	2	30
Benzo[a]anthracene	80.0	57.1		ug/L		71	58 - 131	0	30
Benzo[a]pyrene	80.0	57.1		ug/L		71	63 - 148	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1053256/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1053358
Prep Batch: 1053256

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[b]fluoranthene			80.0	58.0		ug/L		72	60 - 140	2	30
Benzo[g,h,i]perylene			80.0	53.3		ug/L		67	52 - 150	0	30
Benzo[k]fluoranthene			80.0	53.4		ug/L		67	60 - 140	2	30
Chrysene			80.0	56.1		ug/L		70	57 - 132	1	30
Dibenz(a,h)anthracene			80.0	56.8		ug/L		71	53 - 150	0	30
Fluoranthene			80.0	60.5		ug/L		76	59 - 137	0	30
Fluorene			80.0	54.3		ug/L		68	61 - 125	2	30
Indeno[1,2,3-cd]pyrene			80.0	58.2		ug/L		73	54 - 150	0	30
Naphthalene			80.0	57.6		ug/L		72	45 - 126	2	30
Phenanthrene			80.0	59.1		ug/L		74	58 - 126	0	30
Pyrene			80.0	53.5		ug/L		67	53 - 137	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*56*		*38 - 139*
Nitrobenzene-d5 (Surr)	*59*		*39 - 145*
Terphenyl-d14 (Surr)	*52*		*10 - 133*

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 460-1053256/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 1053368
Prep Batch: 1053256

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.050	U	0.050	0.014	ug/L		08/01/25 10:26	08/01/25 20:05	1
Acenaphthylene	0.050	U	0.050	0.015	ug/L		08/01/25 10:26	08/01/25 20:05	1
Anthracene	0.050	U	0.050	0.025	ug/L		08/01/25 10:26	08/01/25 20:05	1
Benzo[a]anthracene	0.050	U	0.050	0.016	ug/L		08/01/25 10:26	08/01/25 20:05	1
Benzo[a]pyrene	0.050	U	0.050	0.022	ug/L		08/01/25 10:26	08/01/25 20:05	1
Benzo[b]fluoranthene	0.050	U	0.050	0.024	ug/L		08/01/25 10:26	08/01/25 20:05	1
Benzo[g,h,i]perylene	0.050	U	0.050	0.035	ug/L		08/01/25 10:26	08/01/25 20:05	1
Benzo[k]fluoranthene	0.050	U	0.050	0.028	ug/L		08/01/25 10:26	08/01/25 20:05	1
Chrysene	0.050	U	0.050	0.030	ug/L		08/01/25 10:26	08/01/25 20:05	1
Dibenz(a,h)anthracene	0.050	U	0.050	0.020	ug/L		08/01/25 10:26	08/01/25 20:05	1
Fluoranthene	0.050	U	0.050	0.039	ug/L		08/01/25 10:26	08/01/25 20:05	1
Fluorene	0.050	U	0.050	0.012	ug/L		08/01/25 10:26	08/01/25 20:05	1
Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036	ug/L		08/01/25 10:26	08/01/25 20:05	1
Naphthalene	0.20	U	0.20	0.12	ug/L		08/01/25 10:26	08/01/25 20:05	1
Phenanthrene	0.050	U	0.050	0.022	ug/L		08/01/25 10:26	08/01/25 20:05	1
Pyrene	0.050	U	0.050	0.031	ug/L		08/01/25 10:26	08/01/25 20:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*33 - 150*	*08/01/25 10:26*	*08/01/25 20:05*	*1*
Nitrobenzene-d5 (Surr)	*63*		*36 - 150*	*08/01/25 10:26*	*08/01/25 20:05*	*1*

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCS 460-1053256/4-A
Matrix: Water
Analysis Batch: 1053368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1053256

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene			2.00	1.47		ug/L		73	42 - 150		
Acenaphthylene			2.00	1.60		ug/L		80	22 - 150		
Anthracene			2.00	1.63		ug/L		82	22 - 150		
Benzo[a]anthracene			2.00	1.62		ug/L		81	47 - 150		
Benzo[a]pyrene			2.00	1.56		ug/L		78	34 - 150		
Benzo[b]fluoranthene			2.00	1.50		ug/L		75	33 - 150		
Benzo[g,h,i]perylene			2.00	1.43		ug/L		71	19 - 150		
Benzo[k]fluoranthene			2.00	1.37		ug/L		69	30 - 150		
Chrysene			2.00	1.37		ug/L		68	47 - 150		
Dibenz(a,h)anthracene			2.00	1.46		ug/L		73	12 - 150		
Fluoranthene			2.00	1.63		ug/L		81	36 - 150		
Fluorene			2.00	1.60		ug/L		80	24 - 150		
Indeno[1,2,3-cd]pyrene			2.00	1.28		ug/L		64	14 - 134		
Naphthalene			2.00	1.45		ug/L		73	41 - 147		
Phenanthrene			2.00	1.47		ug/L		73	13 - 150		
Pyrene			2.00	1.42		ug/L		71	46 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*81*		*33 - 150*
Nitrobenzene-d5 (Surr)	*72*		*36 - 150*

Lab Sample ID: LCSD 460-1053256/5-A
Matrix: Water
Analysis Batch: 1053368

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1053256

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			2.00	1.36		ug/L		68	42 - 150	8	30
Acenaphthylene			2.00	1.48		ug/L		74	22 - 150	8	30
Anthracene			2.00	1.50		ug/L		75	22 - 150	8	30
Benzo[a]anthracene			2.00	1.51		ug/L		76	47 - 150	7	30
Benzo[a]pyrene			2.00	1.43		ug/L		72	34 - 150	9	30
Benzo[b]fluoranthene			2.00	1.40		ug/L		70	33 - 150	7	30
Benzo[g,h,i]perylene			2.00	1.31		ug/L		65	19 - 150	9	30
Benzo[k]fluoranthene			2.00	1.26		ug/L		63	30 - 150	9	30
Chrysene			2.00	1.26		ug/L		63	47 - 150	8	30
Dibenz(a,h)anthracene			2.00	1.36		ug/L		68	12 - 150	7	30
Fluoranthene			2.00	1.53		ug/L		76	36 - 150	6	30
Fluorene			2.00	1.49		ug/L		75	24 - 150	7	30
Indeno[1,2,3-cd]pyrene			2.00	1.24		ug/L		62	14 - 134	3	30
Naphthalene			2.00	1.33		ug/L		66	41 - 147	9	30
Phenanthrene			2.00	1.36		ug/L		68	13 - 150	8	30
Pyrene			2.00	1.33		ug/L		67	46 - 150	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*51*		*33 - 150*
Nitrobenzene-d5 (Surr)	*46*		*36 - 150*

Definitions/Glossary

Client: GEI Consultants Inc
Job ID: 460-331763-1
Project/Site: National Grid-Downstate Patchogue

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: GEI Consultants Inc
Job ID: 460-331763-1
Project/Site: National Grid-Downstate Patchogue

GC/MS VOA

Analysis Batch: 1053164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-331763-1	TB-07292025	Total/NA	Water	8260D	
460-331763-2	MW-11S	Total/NA	Water	8260D	
460-331763-3	MW-8S	Total/NA	Water	8260D	
460-331763-4	MW-3	Total/NA	Water	8260D	
460-331763-5	MW-13S	Total/NA	Water	8260D	
460-331763-6	MW-13D	Total/NA	Water	8260D	
460-331763-7	MW-4S	Total/NA	Water	8260D	
MB 460-1053164/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1053164/5	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1053256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-331763-2	MW-11S	Total/NA	Water	3510C	
460-331763-3	MW-8S	Total/NA	Water	3510C	
460-331763-4	MW-3	Total/NA	Water	3510C	
460-331763-5	MW-13S	Total/NA	Water	3510C	
460-331763-6	MW-13D	Total/NA	Water	3510C	
460-331763-7	MW-4S	Total/NA	Water	3510C	
MB 460-1053256/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1053256/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 460-1053256/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1053256/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 460-1053256/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1053358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-331763-2	MW-11S	Total/NA	Water	8270E	1053256
460-331763-3	MW-8S	Total/NA	Water	8270E	1053256
460-331763-4	MW-3	Total/NA	Water	8270E	1053256
460-331763-5	MW-13S	Total/NA	Water	8270E	1053256
460-331763-6	MW-13D	Total/NA	Water	8270E	1053256
460-331763-7	MW-4S	Total/NA	Water	8270E	1053256
MB 460-1053256/1-A	Method Blank	Total/NA	Water	8270E	1053256
LCS 460-1053256/2-A	Lab Control Sample	Total/NA	Water	8270E	1053256
LCSD 460-1053256/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1053256

Analysis Batch: 1053368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-331763-2	MW-11S	Total/NA	Water	8270E SIM	1053256
460-331763-3	MW-8S	Total/NA	Water	8270E SIM	1053256
460-331763-4	MW-3	Total/NA	Water	8270E SIM	1053256
460-331763-5	MW-13S	Total/NA	Water	8270E SIM	1053256
460-331763-6	MW-13D	Total/NA	Water	8270E SIM	1053256
460-331763-7	MW-4S	Total/NA	Water	8270E SIM	1053256
MB 460-1053256/1-A	Method Blank	Total/NA	Water	8270E SIM	1053256
LCS 460-1053256/4-A	Lab Control Sample	Total/NA	Water	8270E SIM	1053256
LCSD 460-1053256/5-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	1053256

Client Sample ID: TB-07292025
Lab Sample ID: 460-331763-1
Date Collected: 07/29/25 00:00
Matrix: Water
Date Received: 07/30/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 14:53

Client Sample ID: MW-11S
Lab Sample ID: 460-331763-2
Date Collected: 07/29/25 09:55
Matrix: Water
Date Received: 07/30/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 16:31
Total/NA	Prep	3510C			1053256	TMP	EET EDI	08/01/25 11:19
Total/NA	Analysis	8270E		1	1053358	YAH	EET EDI	08/02/25 02:48
Total/NA	Prep	3510C			1053256	TMP	EET EDI	08/01/25 11:19
Total/NA	Analysis	8270E SIM		1	1053368	YAH	EET EDI	08/01/25 22:10

Client Sample ID: MW-8S
Lab Sample ID: 460-331763-3
Date Collected: 07/29/25 10:45
Matrix: Water
Date Received: 07/30/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 16:55
Total/NA	Prep	3510C			1053256	TMP	EET EDI	08/01/25 11:19
Total/NA	Analysis	8270E		1	1053358	YAH	EET EDI	08/02/25 03:09
Total/NA	Prep	3510C			1053256	TMP	EET EDI	08/01/25 11:19
Total/NA	Analysis	8270E SIM		1	1053368	YAH	EET EDI	08/01/25 22:31

Client Sample ID: MW-3
Lab Sample ID: 460-331763-4
Date Collected: 07/29/25 11:35
Matrix: Water
Date Received: 07/30/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 17:19
Total/NA	Prep	3510C			1053256	TMP	EET EDI	08/01/25 11:19
Total/NA	Analysis	8270E		1	1053358	YAH	EET EDI	08/02/25 03:30
Total/NA	Prep	3510C			1053256	TMP	EET EDI	08/01/25 11:19
Total/NA	Analysis	8270E SIM		1	1053368	YAH	EET EDI	08/01/25 22:52

Client Sample ID: MW-13S
Lab Sample ID: 460-331763-5
Date Collected: 07/29/25 12:20
Matrix: Water
Date Received: 07/30/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 15:17
Total/NA	Prep	3510C			1053256	TMP	EET EDI	08/01/25 11:19
Total/NA	Analysis	8270E		1	1053358	YAH	EET EDI	08/02/25 03:50
Total/NA	Prep	3510C			1053256	TMP	EET EDI	08/01/25 11:19
Total/NA	Analysis	8270E SIM		1	1053368	YAH	EET EDI	08/01/25 23:12

Lab Chronicle

Client: GEI Consultants Inc
Job ID: 460-331763-1
Project/Site: National Grid-Downstate Patchogue

Client Sample ID: MW-13D
Lab Sample ID: 460-331763-6

Date Collected: 07/29/25 13:15
Matrix: Water
Date Received: 07/30/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 15:42
Total/NA	Prep	3510C			1053256	TMP	EET EDI	08/01/25 11:19
Total/NA	Analysis	8270E		1	1053358	YAH	EET EDI	08/02/25 04:12
Total/NA	Prep	3510C			1053256	TMP	EET EDI	08/01/25 11:19
Total/NA	Analysis	8270E SIM		1	1053368	YAH	EET EDI	08/01/25 23:33

Client Sample ID: MW-4S
Lab Sample ID: 460-331763-7

Date Collected: 07/29/25 14:00
Matrix: Water
Date Received: 07/30/25 19:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1053164	CJM	EET EDI	08/01/25 16:06
Total/NA	Prep	3510C			1053256	TMP	EET EDI	08/01/25 11:19
Total/NA	Analysis	8270E		1	1053358	YAH	EET EDI	08/02/25 04:32
Total/NA	Prep	3510C			1053256	TMP	EET EDI	08/01/25 11:19
Total/NA	Analysis	8270E SIM		1	1053368	YAH	EET EDI	08/01/25 23:54

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: GEI Consultants Inc
Job ID: 460-331763-1
Project/Site: National Grid-Downstate Patchogue

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
14DIOXINTER_00184	06/14/25	05/14/25	MeOH, Lot EI863-US	2 mL	1,4-Dioxane P_00001	1 mL	1,4-Dioxane	500 ug/mL
.1,4-Dioxane P_00001	09/27/29		Absolute, Lot 092724		(Purchased Reagent)		1,4-Dioxane	1000 ug/mL
524FREONS_00033	05/15/25	04/15/25	MeOH, Lot EI863-US	10 mL	7 Freons_00008	250 uL	1,1,1-Trifluoro-2,2-dichloroethane	50 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	50 ug/mL
							Chlorodifluoromethane	50 ug/mL
							Chlorotrifluoroethene	50 ug/mL
.7 Freons_00008	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
7 Freons Hi_00027	05/17/25	04/17/25	MeOH, Lot EI863-US	5 mL	7 Freons_00008	1.25 mL	1,1,1-Trifluoro-2,2-dichloroethane	500 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	500 ug/mL
							Chlorodifluoromethane	500 ug/mL
							Chlorotrifluoroethene	500 ug/mL
.7 Freons_00008	04/07/26		Absolute, Lot 040723		(Purchased Reagent)		1,1,1-Trifluoro-2,2-dichloroethane	2000 ug/mL
							1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
8260 SP_00192	05/29/25	04/29/25	MeOH, Lot EI836-US	10 mL	Mega Mix SS_00022	200 uL	Benzene	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							o-Xylene	50 ug/mL
							Toluene	50 ug/mL
							Xylenes, Total	100 ug/mL
.Mega Mix SS_00022	08/31/25		RESTEK, Lot A0195252		(Purchased Reagent)		Benzene	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							o-Xylene	2500 ug/mL
							Toluene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260ISNEW_00210	09/30/29		RESTEK, Lot A0217062		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
8260ISNEW_00213	04/30/30		RESTEK, Lot A0224544		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							1,4-Dioxane-d8	5000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Butanone-d5	1250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
							TBA-d9 (IS)	5000 ug/mL
8260MIX1COMB_00205	06/06/25	05/06/25	MeOH, Lot EJ660-US	50 mL	EPICH(working_00015	0.5 mL	Epichlorohydrin	1000 ug/mL
					ETHANOL(new)_00026	1 mL	Ethanol	2000 ug/mL
					Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	50 ug/mL
							2,3-Dihydroindene	50 ug/mL
							2-Methyl-1,3-butadiene	50 ug/mL
							4-Ethyltoluene	50 ug/mL
							Amyl acetate (mixed isomers)	50 ug/mL
							Butyl Methacrylate	50 ug/mL
							Cyclopentene	50 ug/mL
							Isopropyl acetate	50 ug/mL
							Methyl acrylate	50 ug/mL
							n-Butyl acrylate	50 ug/mL
							n-Propyl acetate	50 ug/mL
							p-Diethylbenzene	50 ug/mL
							Pentane	100 ug/mL
					KetonesC_00031	1 mL	2-Butanone (MEK)	250 ug/mL
							2-Hexanone	250 ug/mL
							4-Methyl-2-pentanone (MIBK)	250 ug/mL
							Acetone	250 ug/mL
					LIST2/STD6_00025	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Isopropyl alcohol	500 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chlorobromomethane	50 ug/mL
							Chlorodibromomethane	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromomethane	50 ug/mL
							Dichlorobromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Ethylene Dibromide	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	500 ug/mL
							Isopropyl ether	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
					Vinyl Acetate_00106	1 mL	Vinyl acetate	100 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.ETHANOL(new)_00026	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.LIST2/STD6_00025	07/31/26		RESTEK, Lot A0221376		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
.Vinyl Acetate_00106	08/31/26		RESTEK, Lot A0222118		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
8260MIX1COMB_00205	06/06/25	05/06/25	MeOH, Lot EJ660-US	50 mL	Mega Mix_00043	1 mL	Xylenes, Total	100 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
8260MIX1COMB_00208	08/01/25	07/01/25	MeOH, Lot EJ660-US	50 mL	Mega Mix_00044	1 mL	Benzene	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							o-Xylene	50 ug/mL
							Toluene	50 ug/mL
							Xylenes, Total	100 ug/mL
.Mega Mix_00044	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		Benzene	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	2500 ug/mL
							Toluene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
8260SURR250_00254	06/11/25	04/11/25	MeOH, Lot EI863-US	50 mL	8260 SURR C_00069	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.8260 SURR C_00069	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
8260SURR250_00255	08/10/25	06/10/25	MeOH, Lot EJ660-US	50 mL	8260 SURR C_00070	5 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.8260 SURR C_00070	05/31/29		RESTEK, Lot A0211048		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
8270_3511_L1_00001	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SM_8270_surr_00015	18 uL	2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
					SM_ISTD_00197	36 uL	1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
					SV_BNA_L2_00007	200 uL	2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							2-tertbutyl-4-methylphenol	0.02 ug/mL
							n,n'-Dimethylaniline	0.02 ug/mL
							N-Methylaniline	0.02 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Atrazine	0.02 ug/mL
							3,3'-Dichlorobenzidine	0.02 ug/mL
							1,1'-Biphenyl	0.02 ug/mL
							1,2,4-Trichlorobenzene	0.02 ug/mL
							1,2-Dichlorobenzene	0.02 ug/mL
							1,2-Diphenylhydrazine	0.02 ug/mL
							1,3-Dichlorobenzene	0.02 ug/mL
							1,4-Dichlorobenzene	0.02 ug/mL
							1,4-Dioxane	0.02 ug/mL
							1-Methylnaphthalene	0.02 ug/mL
							2,4,6-Trichlorophenol	0.02 ug/mL
							2,4-Dinitrotoluene	0.02 ug/mL
							2,6-Dinitrotoluene	0.02 ug/mL
							2-Methylnaphthalene	0.02 ug/mL
							4-Chloroaniline	0.02 ug/mL
							Aniline	0.02 ug/mL
							Benzo[a]anthracene	0.02 ug/mL
							Benzo[a]pyrene	0.02 ug/mL
							Benzo[b]fluoranthene	0.02 ug/mL
							Benzo[g,h,i]perylene	0.02 ug/mL
							Benzo[k]fluoranthene	0.02 ug/mL
							Bis(2-chloroethyl)ether	0.02 ug/mL
							Bis(2-ethylhexyl) phthalate	0.02 ug/mL
							Chrysene	0.02 ug/mL
							Dibenz(a,h)anthracene	0.02 ug/mL
							Hexachlorobenzene	0.02 ug/mL
							Hexachlorobutadiene	0.02 ug/mL
							Hexachloroethane	0.02 ug/mL
							Indeno[1,2,3-cd]pyrene	0.02 ug/mL
							Isophorone	0.02 ug/mL
							N-Nitrosodi-n-propylamine	0.02 ug/mL
							Naphthalene	0.02 ug/mL
							Nitrobenzene	0.02 ug/mL
							Pyrene	0.02 ug/mL
							Pyridine	0.04 ug/mL
.SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
.SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SV_BNA_L2_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	50 mL	SM_8270_surr_00015	500 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	25 uL	2-tertbutyl-4-methylphenol	1 ug/mL
							n,n'-Dimethylaniline	1 ug/mL
							N-Methylaniline	1 ug/mL
					SM_ISTD_00197	1000 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	25 uL	Atrazine	1 ug/mL
					SM_std #9BNA_00025	25 uL	3,3'-Dichlorobenzidine	1 ug/mL
					SM_STD#1mega_00027	50 uL	1,1'-Biphenyl	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL
							1,3-Dichlorobenzene	1 ug/mL
							1,4-Dichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							4-Chloroaniline	1 ug/mL
							Aniline	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Chrysene	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							Naphthalene	1 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene	1 ug/mL
							Pyrene	1 ug/mL
							Pyridine	2 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		2-tertbutyl-4-methylphenol	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							Aniline	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Chrysene	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
ACROLEIN W_00183	06/09/25	05/09/25	MeOH, Lot EJ660-US	10 mL	ACROLEIN_00025	250 uL	Acrolein	500 ug/mL
.ACROLEIN_00025	09/30/25		RESTEK, Lot A0209476		(Purchased Reagent)		Acrolein	20000 ug/mL
ACRY/EPIH MIX_00137	05/27/25	04/27/25	MeOH, Lot EI863-US	10 mL	Acrylonitrile_00010	500 uL	Acrylonitrile	50 ug/mL
					EPICH(working_00015	12.5 uL	Epichlorohydrin	125 ug/mL
.Acrylonitrile_00010	06/15/26		ABSOLUTE, Lot 061523		(Purchased Reagent)		Acrylonitrile	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
BFB_00039							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Xylenes, Total	
					VMC21SU_00011	500 uL	4-Bromofluorobenzene	25 ug/mL
							BFB	25 ug/mL
.VMC21SU_00011	03/08/27		Absolute, Lot 030822		(Purchased Reagent)		4-Bromofluorobenzene	2500 ug/mL
							BFB	2500 ug/mL
Ethanol mix_00101	05/17/25	04/17/25	MeOH, Lot EI863-US	5 mL	ETHANOL(new)_00026	1 mL	Ethanol	20000 ug/mL
.ETHANOL(new)_00026	01/31/28		RESTEK, Lot A0220852		(Purchased Reagent)		Ethanol	100000 ug/mL
GAS Hi_00495	05/20/25	05/06/25	MeOH, Lot EJ660-US	5 mL	GASES C_00042	1 mL	Bromomethane	500 ug/mL
							Butadiene	500 ug/mL
							Chloroethane	500 ug/mL
							Chloromethane	500 ug/mL
							Dichlorodifluoromethane	500 ug/mL
							Dichlorofluoromethane	500 ug/mL
							Trichlorofluoromethane	500 ug/mL
							Vinyl chloride	500 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
GASES Li_00641	05/16/25	05/09/25	MeOH, Lot EJ660-US	25 mL	GASES C_00042	500 uL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.GASES C_00042	05/31/27		RESTEK, Lot A0211969		(Purchased Reagent)		Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
MIX 2 Hi_00161	05/17/25	04/17/25	MeOH, Lot EI863-US	5 mL	Extra Cmpd_00025	1 mL	1,2,4,5-Tetramethylbenzene	500 ug/mL
							2,3-Dihydroindene	500 ug/mL
							2-Methyl-1,3-butadiene	500 ug/mL
							4-Ethyltoluene	500 ug/mL
							Amyl acetate (mixed isomers)	500 ug/mL
							Butyl Methacrylate	500 ug/mL
							Cyclopentene	500 ug/mL
							Isopropyl acetate	500 ug/mL
							Methyl acrylate	500 ug/mL
							n-Butyl acrylate	500 ug/mL
							n-Propyl acetate	500 ug/mL
							p-Diethylbenzene	500 ug/mL
							Pentane	1000 ug/mL
					LIST2/STD6_00025	1 mL	1,2,3-Trimethylbenzene	500 ug/mL
							1,3,5-Trichlorobenzene	500 ug/mL
							2-Chloro-1,3-butadiene	500 ug/mL
							2-Nitropropane	1000 ug/mL
							Benzyl chloride	500 ug/mL
							Isooctane	500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Methacrylonitrile	5000 ug/mL
							n-Butanol	12500 ug/mL
					LIST2/STD7_00027	1 mL	Ethyl acetate	1000 ug/mL
							Ethyl acrylate	500 ug/mL
							Methyl methacrylate	1000 ug/mL
							n-Butyl acetate	500 ug/mL
					POLAR ADD_00031	1 mL	Acetonitrile	5000 ug/mL
							Isopropyl ether	500 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	500 ug/mL
							Tert-butyl ethyl ether	500 ug/mL
.Extra Cmpd_00025	01/08/28		Absolute, Lot 010825		(Purchased Reagent)		1,2,4,5-Tetramethylbenzene	2500 ug/mL
							2,3-Dihydroindene	2500 ug/mL
							2-Methyl-1,3-butadiene	2500 ug/mL
							4-Ethyltoluene	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Amyl acetate (mixed isomers)	2500 ug/mL
							Butyl Methacrylate	2500 ug/mL
							Cyclopentene	2500 ug/mL
							Isopropyl acetate	2500 ug/mL
							Methyl acrylate	2500 ug/mL
							n-Butyl acrylate	2500 ug/mL
							n-Propyl acetate	2500 ug/mL
							p-Diethylbenzene	2500 ug/mL
							Pentane	5000 ug/mL
.LIST2/STD6_00025	07/31/26		RESTEK, Lot A0221376		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
.LIST2/STD7_00027	01/31/26		RESTEK, Lot A0213624		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
.POLAR ADD_00031	04/30/26		RESTEK, Lot A0210249		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Isopropyl ether	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
							Tert-butyl ethyl ether	2500 ug/mL
MIX I Hi_00188	05/17/25	04/17/25	MeOH, Lot EI863-US	5 mL	EPICH(working_00015	0.5 mL	Epichlorohydrin	10000 ug/mL
					KetonesC_00031	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
					Mega Mix_00043	1 mL	1,1,1,2-Tetrachloroethane	500 ug/mL
							1,1,1-Trichloroethane	500 ug/mL
							1,1,2,2-Tetrachloroethane	500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	500 ug/mL
							1,1,2-Trichloroethane	500 ug/mL
							1,1-Dichloroethane	500 ug/mL
							1,1-Dichloroethene	500 ug/mL
							1,1-Dichloropropene	500 ug/mL
							1,2,3-Trichlorobenzene	500 ug/mL
							1,2,3-Trichloropropane	500 ug/mL
							1,2,4-Trichlorobenzene	500 ug/mL
							1,2,4-Trimethylbenzene	500 ug/mL
							1,2-Dibromo-3-Chloropropane	500 ug/mL
							1,2-Dichlorobenzene	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	500 ug/mL
							1,2-Dichloropropane	500 ug/mL
							1,3,5-Trimethylbenzene	500 ug/mL
							1,3-Dichlorobenzene	500 ug/mL
							1,3-Dichloropropane	500 ug/mL
							1,4-Dichlorobenzene	500 ug/mL
							1,4-Dioxane	10000 ug/mL
							2,2-Dichloropropane	500 ug/mL
							2-Chlorotoluene	500 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							3-Chloro-1-propene	500 ug/mL
							4-Chlorotoluene	500 ug/mL
							4-Isopropyltoluene	500 ug/mL
							Acrylonitrile	5000 ug/mL
							Benzene	500 ug/mL
							Bromobenzene	500 ug/mL
							Bromoform	500 ug/mL
							Carbon disulfide	500 ug/mL
							Carbon tetrachloride	500 ug/mL
							Chlorobenzene	500 ug/mL
							Chlorobromomethane	500 ug/mL
							Chlorodibromomethane	500 ug/mL
							Chloroform	500 ug/mL
							cis-1,2-Dichloroethene	500 ug/mL
							cis-1,3-Dichloropropene	500 ug/mL
							Cyclohexane	500 ug/mL
							Dibromomethane	500 ug/mL
							Dichlorobromomethane	500 ug/mL
							Ethyl ether	500 ug/mL
							Ethyl methacrylate	500 ug/mL
							Ethylbenzene	500 ug/mL
							Ethylene Dibromide	500 ug/mL
							Hexachlorobutadiene	500 ug/mL
							Hexane	500 ug/mL
							Iodomethane	500 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropylbenzene	500 ug/mL
							m-Xylene & p-Xylene	500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl tert-butyl ether	500 ug/mL
							Methylcyclohexane	500 ug/mL
							Methylene Chloride	500 ug/mL
							n-Butylbenzene	500 ug/mL
							n-Heptane	500 ug/mL
							N-Propylbenzene	500 ug/mL
							Naphthalene	500 ug/mL
							o-Xylene	500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	500 ug/mL
							Styrene	500 ug/mL
							tert-Butylbenzene	500 ug/mL
							Tetrachloroethene	500 ug/mL
							Tetrahydrofuran	1000 ug/mL
							Toluene	500 ug/mL
							trans-1,2-Dichloroethene	500 ug/mL
							trans-1,3-Dichloropropene	500 ug/mL
							trans-1,4-Dichloro-2-butene	500 ug/mL
							Trichloroethene	500 ug/mL
					Vinyl Acetate_00106	1 mL	Vinyl acetate	1000 ug/mL
.EPICH(working_00015	09/24/25	11/21/24	MeOH, Lot EI863-US	10 mL	EPICHLO(NEAT)_00001	845.31 uL	Epichlorohydrin	100000 ug/mL
..EPICHLO(NEAT)_00001	09/24/25		FLUKA, Lot SHBD0368V		(Purchased Reagent)		Epichlorohydrin	1.183 g/g
.KetonesC_00031	04/30/27		RESTEK, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
.Mega Mix_00043	04/30/26		RESTEK, Lot A0203458		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromobenzene	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chlorobromomethane	2500 ug/mL
							Chlorodibromomethane	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Dichlorobromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Ethylene Dibromide	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
.Vinyl Acetate_00106	08/31/26		RESTEK, Lot A0222118		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
OP_Benzald_sp_00023	11/30/25		RESTEK, Lot A0212130		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
OP_BNA SIM SP_00036	08/28/25	01/28/25	Acetone, Lot 131184	100 mL	OP_BNA SPIK_00055	10 mL	1,3-Dimethylnaphthalene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-tertbutyl-4-methylphenol	10 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	10 ug/mL
							Benzonitrile	10 ug/mL
							Carbamazepine	10 ug/mL
							Coumarin	10 ug/mL
							n,n'-Dimethylaniline	10 ug/mL
							N-Methylaniline	10 ug/mL
							Pentachloronitrobenzene	10 ug/mL
							Phenyl ether	10 ug/mL
							Bisphenol-A	5 ug/mL
							Benzoic acid	10 ug/mL
							Indene	10 ug/mL
							1,1'-Biphenyl	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,3-Dinitrobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,2'-oxybis[1-chloropropane]	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Methylphenol	10 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Hexadecane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							n-Decane	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							n-Octadecane	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							Pyridine	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
.OP_BNA SPIK_00055	08/30/25	01/28/25	Acetone, Lot 131184	200 mL	OP_Agilent456_00008	10 mL	1,3-Dimethylnaphthalene	100 ug/mL
							2-tertbutyl-4-methylphenol	100 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	100 ug/mL
							Benzonitrile	100 ug/mL
							Carbamazepine	100 ug/mL
							Coumarin	100 ug/mL
							n,n'-Dimethylaniline	100 ug/mL
							N-Methylaniline	100 ug/mL
							Pentachloronitrobenzene	100 ug/mL
							Phenyl ether	100 ug/mL
					OP_Agilent457_00005	10 mL	Bisphenol-A	50 ug/mL
					OP_BenzAcid_00016	10 mL	Benzoic acid	100 ug/mL
							Indene	100 ug/mL
					OP_MEGA_2017_00016	20 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,2'-oxybis[1-chloropropane]	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3-Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Methylphenol	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	200 ug/mL
					OP_std #1_BNA_00015	10 mL	3,3'-Dichlorobenzidine	100 ug/mL
							Benzidine	100 ug/mL
..OP_Agilent456_00008	11/30/25		Agilent, Lot 6767192		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Benzonitrile	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..OP_Agilent457_00005	11/30/25		Agilent, Lot 6767004		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..OP_BenzAcid_00016	09/30/25		Restek, Lot A0209261		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
..OP_MEGA_2017_00016	11/30/25		Restek, Lot A02010619		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
..OP_std #1_BNA_00015	09/30/25		Restek, Lot A020147867		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
OP_BNA SPIK_00055	08/30/25	01/28/25	Acetone, Lot 131184	200 mL	OP_Agilent456_00008	10 mL	1,3-Dimethylnaphthalene	100 ug/mL
							2-tertbutyl-4-methylphenol	100 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	100 ug/mL
							Benzonitrile	100 ug/mL
							Carbamazepine	100 ug/mL
							Coumarin	100 ug/mL
							n,n'-Dimethylaniline	100 ug/mL
							N-Methylaniline	100 ug/mL
							Pentachloronitrobenzene	100 ug/mL
							Phenyl ether	100 ug/mL
					OP_Agilent457_00005	10 mL	Bisphenol-A	50 ug/mL
					OP_BenzAcid_00016	10 mL	Benzoic acid	100 ug/mL
							Indene	100 ug/mL
					OP_MEGA_2017_00016	20 mL	1,1'-Biphenyl	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,2'-oxybis[1-chloropropane]	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3 & 4 Methylphenol	100 ug/mL
							3-Methylphenol	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Methylphenol	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Aniline	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Hexadecane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							n-Decane	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodiphenylamine	100 ug/mL
							n-Octadecane	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	200 ug/mL
					OP_std #1_BNA_00015	10 mL	3,3'-Dichlorobenzidine	100 ug/mL
							Benzidine	100 ug/mL
.OP_Agilent456_00008	11/30/25		Agilent, Lot 6767192		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Benzonitrile	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
.OP_Agilent457_00005	11/30/25		Agilent, Lot 6767004		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
.OP_BenzAcid_00016	09/30/25		Restek, Lot A0209261		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Indene	2000 ug/mL
.OP_MEGA_2017_00016	11/30/25		Restek, Lot A02010619		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Hexadecane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
.OP_std #1_BNA_00015	09/30/25		Restek, Lot A020147867		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
OP_BNASurroga_00031	10/30/25	01/02/25	Acetone, Lot 23H2462011	1000 mL	OP_BNA_SURR_00014	20 mL	2,4,6-Tribromophenol	100 ug/mL
							2-Fluorobiphenyl	100 ug/mL
							2-Fluorophenol	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
.OP_BNA_SURR_00014	10/30/25		Agilent, Lot 6910257		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
SM_ISTD_LVI_00198	03/30/26	03/19/25	MeCl2, Lot 1062005	50 mL	SM_ISTD_00197	10 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
.SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_SIMICV_LVI_00038	04/10/26	05/09/25	MeCl2, Lot 2162002	10 mL	SM_SIM_D8-ICV_00025	2 mL	1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.SM_SIM_D8-ICV_00025	04/10/26	05/09/25	MeCl2, Lot 2562011	10 mL	SM_SIMICALIS_00020	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_SIMICV_LVI_00038	04/10/26	05/09/25	MeCl2, Lot 2162002	10 mL	SM_SIM_D8-ICV_00025	2 mL	Acenaphthene	0.2 ug/mL
							Acenaphthylene	0.2 ug/mL
							Anthracene	0.2 ug/mL
							Benzo[a]anthracene	0.2 ug/mL
							Benzo[a]pyrene	0.2 ug/mL
							Benzo[b]fluoranthene	0.2 ug/mL
							Benzo[g,h,i]perylene	0.2 ug/mL
							Benzo[k]fluoranthene	0.2 ug/mL
							Chrysene	0.2 ug/mL
							Dibenz(a,h)anthracene	0.2 ug/mL
							Fluoranthene	0.2 ug/mL
							Fluorene	0.2 ug/mL
							Indeno[1,2,3-cd]pyrene	0.2 ug/mL
							Naphthalene	0.2 ug/mL
							Phenanthrene	0.2 ug/mL
							Pyrene	0.2 ug/mL
.SM_SIM_D8-ICV_00025	04/10/26	05/09/25	MeCl2, Lot 2562011	10 mL	SM_PAHmixS2nd_00012	100 uL	Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Anthracene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Chrysene	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Naphthalene	1 ug/mL
							Phenanthrene	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	1 ug/mL
..SM_PAHmixS2nd_00012	07/16/26		accustandard, Lot 222051256-01		(Purchased Reagent)		Acenaphthene	0.1 mg/mL
							Acenaphthylene	0.1 mg/mL
							Anthracene	0.1 mg/mL
							Benzo[a]anthracene	0.1 mg/mL
							Benzo[a]pyrene	0.1 mg/mL
							Benzo[b]fluoranthene	0.1 mg/mL
							Benzo[g,h,i]perylene	0.1 mg/mL
							Benzo[k]fluoranthene	0.1 mg/mL
							Chrysene	0.1 mg/mL
							Dibenz(a,h)anthracene	0.1 mg/mL
							Fluoranthene	0.1 mg/mL
							Fluorene	0.1 mg/mL
							Indeno[1,2,3-cd]pyrene	0.1 mg/mL
							Naphthalene	0.1 mg/mL
							Phenanthrene	0.1 mg/mL
							Pyrene	0.1 mg/mL
SM_SIMISTDLVI_00036	05/31/26	05/14/25	MeCl2, Lot 2162002	50 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
.SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL1_00021	05/31/26	05/14/25	MeCl2, Lot 2562011	10 mL	IC-SIM+surrL1_00022	400 uL	4,6-Dinitro-2-methylphenol	0.008 ug/mL
							Bis(2-chloroethyl)ether	0.0004 ug/mL
							Hexachlorobenzene	0.0004 ug/mL
							N-Nitrosodimethylamine	0.004 ug/mL
							1,4-Dioxane	0.004 ug/mL
							Acenaphthene	0.001 ug/mL
							Acenaphthylene	0.001 ug/mL
							Anthracene	0.001 ug/mL
							Benzo[a]anthracene	0.001 ug/mL
							Benzo[a]pyrene	0.001 ug/mL
							Benzo[b]fluoranthene	0.001 ug/mL
							Benzo[g,h,i]perylene	0.001 ug/mL
							Benzo[k]fluoranthene	0.001 ug/mL
							Chrysene	0.001 ug/mL
							Dibenz(a,h)anthracene	0.001 ug/mL
							Fluoranthene	0.001 ug/mL
							Fluorene	0.001 ug/mL
							Indeno[1,2,3-cd]pyrene	0.001 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	0.001 ug/mL
							Phenanthrene	0.001 ug/mL
							Pyrene	0.001 ug/mL
							Pentachlorophenol	0.0032 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
					SM_SIMISTDLVI_00036	160 uL	1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL1_00022	05/31/26	05/14/25	MeCl2, Lot 2162002	25 mL	SM_4,6-DC-10X_00003	5 uL	4,6-Dinitro-2-methylphenol	0.2 ug/mL
					SM_BCEE_SIM_00013	2.5 uL	Bis(2-chloroethyl)ether	0.01 ug/mL
					SM_HexaCB_00015	2.5 uL	Hexachlorobenzene	0.01 ug/mL
					SM_N-Nitro_00019	25 uL	N-Nitrosodimethylamine	0.1 ug/mL
					SM_p-Dioxane_00032	25 uL	1,4-Dioxane	0.1 ug/mL
					SM_PAHmixS_00021	6.25 uL	Acenaphthene	0.025 ug/mL
							Acenaphthylene	0.025 ug/mL
							Anthracene	0.025 ug/mL
							Benzo[a]anthracene	0.025 ug/mL
							Benzo[a]pyrene	0.025 ug/mL
							Benzo[b]fluoranthene	0.025 ug/mL
							Benzo[g,h,i]perylene	0.025 ug/mL
							Benzo[k]fluoranthene	0.025 ug/mL
							Chrysene	0.025 ug/mL
							Dibenz(a,h)anthracene	0.025 ug/mL
							Fluoranthene	0.025 ug/mL
							Fluorene	0.025 ug/mL
							Indeno[1,2,3-cd]pyrene	0.025 ug/mL
							Naphthalene	0.025 ug/mL
							Phenanthrene	0.025 ug/mL
							Pyrene	0.025 ug/mL
					SM_Penta_00014	2 uL	Pentachlorophenol	0.08 ug/mL
					SM_SIMICALIS_00020	250 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
.SM_SIMISTDLVI_00036	05/31/26	05/14/25	MeCl2, Lot 2162002	50 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	10 ug/mL
							Acenaphthene-d10	10 ug/mL
							Chrysene-d12	10 ug/mL
							Naphthalene-d8	10 ug/mL
							Perylene-d12	10 ug/mL
							Phenanthrene-d10	10 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL2_00021	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	IC-SIM+surrL1_00022	2 mL	4,6-Dinitro-2-methylphenol	0.04 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	0.002 ug/mL
							Hexachlorobenzene	0.002 ug/mL
							N-Nitrosodimethylamine	0.02 ug/mL
							1,4-Dioxane	0.02 ug/mL
							Acenaphthene	0.005 ug/mL
							Acenaphthylene	0.005 ug/mL
							Anthracene	0.005 ug/mL
							Benzo[a]anthracene	0.005 ug/mL
							Benzo[a]pyrene	0.005 ug/mL
							Benzo[b]fluoranthene	0.005 ug/mL
							Benzo[g,h,i]perylene	0.005 ug/mL
							Benzo[k]fluoranthene	0.005 ug/mL
							Chrysene	0.005 ug/mL
							Dibenz(a,h)anthracene	0.005 ug/mL
							Fluoranthene	0.005 ug/mL
							Fluorene	0.005 ug/mL
							Indeno[1,2,3-cd]pyrene	0.005 ug/mL
							Naphthalene	0.005 ug/mL
							Phenanthrene	0.005 ug/mL
							Pyrene	0.005 ug/mL
							Pentachlorophenol	0.016 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL1_00022	05/31/26	05/14/25	MeCl2, Lot 2162002	25 mL	SM_4,6-DC-10X_00003	5 uL	4,6-Dinitro-2-methylphenol	0.2 ug/mL
					SM_8270_surr_00015	25 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00013	2.5 uL	Bis(2-chloroethyl)ether	0.01 ug/mL
					SM_HexaCB_00015	2.5 uL	Hexachlorobenzene	0.01 ug/mL
					SM_N-Nitro_00019	25 uL	N-Nitrosodimethylamine	0.1 ug/mL
					SM_p-Dioxane_00032	25 uL	1,4-Dioxane	0.1 ug/mL
					SM_PAHmixS_00021	6.25 uL	Acenaphthene	0.025 ug/mL
							Acenaphthylene	0.025 ug/mL
							Anthracene	0.025 ug/mL
							Benzo[a]anthracene	0.025 ug/mL
							Benzo[a]pyrene	0.025 ug/mL
							Benzo[b]fluoranthene	0.025 ug/mL
							Benzo[g,h,i]perylene	0.025 ug/mL
							Benzo[k]fluoranthene	0.025 ug/mL
							Chrysene	0.025 ug/mL
							Dibenz(a,h)anthracene	0.025 ug/mL
							Fluoranthene	0.025 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluorene	0.025 ug/mL
							Indeno[1,2,3-cd]pyrene	0.025 ug/mL
							Naphthalene	0.025 ug/mL
							Phenanthrene	0.025 ug/mL
							Pyrene	0.025 ug/mL
					SM_Penta_00014	2 uL	Pentachlorophenol	0.08 ug/mL
					SM_SIMICALIS_00020	250 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL3_00024	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	IC-SIM+surrL3_00024	2 mL	4,6-Dinitro-2-methylphenol	0.2 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	0.02 ug/mL
							Hexachlorobenzene	0.02 ug/mL
							N-Nitrosodimethylamine	0.1 ug/mL
							1,4-Dioxane	0.2 ug/mL
							Acenaphthene	0.02 ug/mL
							Acenaphthylene	0.02 ug/mL
							Anthracene	0.02 ug/mL
							Benzo[a]anthracene	0.02 ug/mL
							Benzo[a]pyrene	0.02 ug/mL
							Benzo[b]fluoranthene	0.02 ug/mL
							Benzo[g,h,i]perylene	0.02 ug/mL
							Benzo[k]fluoranthene	0.02 ug/mL
							Chrysene	0.02 ug/mL
							Dibenz(a,h)anthracene	0.02 ug/mL
							Fluoranthene	0.02 ug/mL
							Fluorene	0.02 ug/mL
							Indeno[1,2,3-cd]pyrene	0.02 ug/mL
							Naphthalene	0.02 ug/mL
							Phenanthrene	0.02 ug/mL
							Pyrene	0.02 ug/mL
							Pentachlorophenol	0.1 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL3_00024	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	SM_4,6-DC-10X_00003	10 uL	4,6-Dinitro-2-methylphenol	1 ug/mL
					SM_8270_surr_00015	10 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00013	10 uL	Bis(2-chloroethyl)ether	0.1 ug/mL
					SM_HexaCB_00015	10 uL	Hexachlorobenzene	0.1 ug/mL
					SM_N-Nitro_00019	50 uL	N-Nitrosodimethylamine	0.5 ug/mL
					SM_p-Dioxane_00032	100 uL	1,4-Dioxane	1 ug/mL
					SM_PAHmixS_00021	10 uL	Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL
							Anthracene	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Chrysene	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Fluoranthene	0.1 ug/mL
							Fluorene	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Phenanthrene	0.1 ug/mL
							Pyrene	0.1 ug/mL
					SM_Penta_00014	5 uL	Pentachlorophenol	0.5 ug/mL
					SM_SIMICALIS_00020	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL4_00020	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	IC-SIM+surrL4_00020	2 mL	4,6-Dinitro-2-methylphenol	0.4 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	0.2 ug/mL
							Hexachlorobenzene	0.2 ug/mL
							N-Nitrosodimethylamine	0.2 ug/mL
							1,4-Dioxane	0.4 ug/mL
							Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL
							Anthracene	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Chrysene	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Fluoranthene	0.1 ug/mL
							Fluorene	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Phenanthrene	0.1 ug/mL
							Pyrene	0.1 ug/mL
							Pentachlorophenol	0.2 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL4_00020	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	SM_4,6-DC-10X_00003	20 uL	4,6-Dinitro-2-methylphenol	2 ug/mL
					SM_8270_surr_00015	10 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00013	100 uL	Bis(2-chloroethyl)ether	1 ug/mL
					SM_HexaCB_00015	100 uL	Hexachlorobenzene	1 ug/mL
					SM_N-Nitro_00019	100 uL	N-Nitrosodimethylamine	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SM_p-Dioxane_00032	200 uL	1,4-Dioxane	2 ug/mL
					SM_PAHmixS_00021	50 uL	Acenaphthene	0.5 ug/mL
							Acenaphthylene	0.5 ug/mL
							Anthracene	0.5 ug/mL
							Benzo[a]anthracene	0.5 ug/mL
							Benzo[a]pyrene	0.5 ug/mL
							Benzo[b]fluoranthene	0.5 ug/mL
							Benzo[g,h,i]perylene	0.5 ug/mL
							Benzo[k]fluoranthene	0.5 ug/mL
							Chrysene	0.5 ug/mL
							Dibenz(a,h)anthracene	0.5 ug/mL
							Fluoranthene	0.5 ug/mL
							Fluorene	0.5 ug/mL
							Indeno[1,2,3-cd]pyrene	0.5 ug/mL
							Naphthalene	0.5 ug/mL
							Phenanthrene	0.5 ug/mL
							Pyrene	0.5 ug/mL
					SM_Penta_00014	10 uL	Pentachlorophenol	1 ug/mL
					SM_SIMICALIS_00020	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL5_00021	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	IC-SIM+surrL5_00021	2 mL	4,6-Dinitro-2-methylphenol	0.8 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	0.4 ug/mL
							Hexachlorobenzene	0.4 ug/mL
							N-Nitrosodimethylamine	0.4 ug/mL
							1,4-Dioxane	0.8 ug/mL
							Acenaphthene	0.2 ug/mL
							Acenaphthylene	0.2 ug/mL
							Anthracene	0.2 ug/mL
							Benzo[a]anthracene	0.2 ug/mL
							Benzo[a]pyrene	0.2 ug/mL
							Benzo[b]fluoranthene	0.2 ug/mL
							Benzo[g,h,i]perylene	0.2 ug/mL
							Benzo[k]fluoranthene	0.2 ug/mL
							Chrysene	0.2 ug/mL
							Dibenz(a,h)anthracene	0.2 ug/mL
							Fluoranthene	0.2 ug/mL
							Fluorene	0.2 ug/mL
							Indeno[1,2,3-cd]pyrene	0.2 ug/mL
							Naphthalene	0.2 ug/mL
							Phenanthrene	0.2 ug/mL
							Pyrene	0.2 ug/mL
							Pentachlorophenol	0.4 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL5_00021	05/31/26	05/14/25	MeCl2, Lot 2162002	25 mL	SM_4,6-DC-10X_00003	100 uL	4,6-Dinitro-2-methylphenol	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SM_8270_surr_00015	25 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00013	500 uL	Bis(2-chloroethyl)ether	2 ug/mL
					SM_HexaCB_00015	500 uL	Hexachlorobenzene	2 ug/mL
					SM_N-Nitro_00019	500 uL	N-Nitrosodimethylamine	2 ug/mL
					SM_p-Dioxane_00032	1000 uL	1,4-Dioxane	4 ug/mL
					SM_PAHmixS_00021	250 uL	Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Anthracene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Chrysene	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Naphthalene	1 ug/mL
							Phenanthrene	1 ug/mL
							Pyrene	1 ug/mL
					SM_Penta_00014	50 uL	Pentachlorophenol	2 ug/mL
					SM_SIMICALIS_00020	250 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26	Agilent, Lot 6673574			(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00015	12/31/26	Agilent, Lot 0006823184			(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00013	04/27/27	Agilent, Lot 6736401			(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26	Agilent, Lot 6683905			(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27	Agilent, Lot 6747589			(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28	Agilent, Lot 67424517			(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28	ACCUSTANDARD, Lot 224061574			(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL6_00022	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	IC-SIM+surrL6_00022	2 mL	4,6-Dinitro-2-methylphenol	2 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							1,4-Dioxane	2 ug/mL
							Acenaphthene	0.4 ug/mL
							Acenaphthylene	0.4 ug/mL
							Anthracene	0.4 ug/mL
							Benzo[a]anthracene	0.4 ug/mL
							Benzo[a]pyrene	0.4 ug/mL
							Benzo[b]fluoranthene	0.4 ug/mL
							Benzo[g,h,i]perylene	0.4 ug/mL
							Benzo[k]fluoranthene	0.4 ug/mL
							Chrysene	0.4 ug/mL
							Dibenz(a,h)anthracene	0.4 ug/mL
							Fluoranthene	0.4 ug/mL
							Fluorene	0.4 ug/mL
							Indeno[1,2,3-cd]pyrene	0.4 ug/mL
							Naphthalene	0.4 ug/mL
							Phenanthrene	0.4 ug/mL
							Pyrene	0.4 ug/mL
							Pentachlorophenol	1 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL6_00022	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	SM_4,6-DC-10X_00003	100 uL	4,6-Dinitro-2-methylphenol	10 ug/mL
					SM_8270_surr_00015	10 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00013	500 uL	Bis(2-chloroethyl)ether	5 ug/mL
					SM_HexaCB_00015	500 uL	Hexachlorobenzene	5 ug/mL
					SM_N-Nitro_00019	500 uL	N-Nitrosodimethylamine	5 ug/mL
					SM_p-Dioxane_00032	1000 uL	1,4-Dioxane	10 ug/mL
					SM_PAHmixS_00021	200 uL	Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Anthracene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Chrysene	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Naphthalene	2 ug/mL
							Phenanthrene	2 ug/mL
							Pyrene	2 ug/mL
					SM_Penta_00014	50 uL	Pentachlorophenol	5 ug/mL
					SM_SIMICALIS_00020	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26	Agilent, Lot 6673574			(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00015	12/31/26	Agilent, Lot 0006823184			(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00013	04/27/27	Agilent, Lot 6736401			(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
..SM_HexaCB_00015	06/30/26	Agilent, Lot 6683905			(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27	Agilent, Lot 6747589			(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28	Agilent, Lot 67424517			(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28	ACCUSTANDARD, Lot 224061574			(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL7_00005	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	IC-SIM+surrL7_00005	2 mL	4,6-Dinitro-2-methylphenol	4 ug/mL
							2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Bis(2-chloroethyl)ether	2 ug/mL
							Hexachlorobenzene	2 ug/mL
							N-Nitrosodimethylamine	2 ug/mL
							1,4-Dioxane	4 ug/mL
							Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Anthracene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Chrysene	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Naphthalene	2 ug/mL
							Phenanthrene	2 ug/mL
							Pyrene	2 ug/mL
							Pentachlorophenol	4 ug/mL
							1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.IC-SIM+surrL7_00005	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	SM_4,6-DC-10X_00003	200 uL	4,6-Dinitro-2-methylphenol	20 ug/mL
					SM_8270_surr_00015	10 uL	2,4,6-Tribromophenol	5 ug/mL
							2-Fluorobiphenyl	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
					SM_BCEE_SIM_00013	1000 uL	Bis(2-chloroethyl)ether	10 ug/mL
					SM_HexaCB_00015	1000 uL	Hexachlorobenzene	10 ug/mL
					SM_N-Nitro_00019	1000 uL	N-Nitrosodimethylamine	10 ug/mL
					SM_p-Dioxane_00032	2000 uL	1,4-Dioxane	20 ug/mL
					SM_PAHmixS_00021	1000 uL	Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Chrysene	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Naphthalene	10 ug/mL
							Phenanthrene	10 ug/mL
							Pyrene	10 ug/mL
					SM_Penta_00014	200 uL	Pentachlorophenol	20 ug/mL
					SM_SIMICALIS_00020	100 uL	1,4-Dichlorobenzene-d4	1 ug/mL
							Acenaphthene-d10	1 ug/mL
							Chrysene-d12	1 ug/mL
							Naphthalene-d8	1 ug/mL
							Perylene-d12	1 ug/mL
							Phenanthrene-d10	1 ug/mL
..SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
..SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
..SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
...SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
..SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
..SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
...SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL8_00003	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	SM_4,6-DC-10X_00003	100 uL	4,6-Dinitro-2-methylphenol	10 ug/mL
					SM_8270_surr_00015	2 uL	2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
					SM_BCEE_SIM_00013	500 uL	Bis(2-chloroethyl)ether	5 ug/mL
					SM_HexaCB_00015	500 uL	Hexachlorobenzene	5 ug/mL
					SM_N-Nitro_00019	500 uL	N-Nitrosodimethylamine	5 ug/mL
					SM_p-Dioxane_00032	1000 uL	1,4-Dioxane	10 ug/mL
					SM_PAHmixS_00021	500 uL	Acenaphthene	5 ug/mL
							Acenaphthylene	5 ug/mL
							Anthracene	5 ug/mL
							Benzo[a]anthracene	5 ug/mL
							Benzo[a]pyrene	5 ug/mL
							Benzo[b]fluoranthene	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[g,h,i]perylene	5 ug/mL
							Benzo[k]fluoranthene	5 ug/mL
							Chrysene	5 ug/mL
							Dibenz(a,h)anthracene	5 ug/mL
							Fluoranthene	5 ug/mL
							Fluorene	5 ug/mL
							Indeno[1,2,3-cd]pyrene	5 ug/mL
							Naphthalene	5 ug/mL
							Phenanthrene	5 ug/mL
							Pyrene	5 ug/mL
					SM_Penta_00014	100 uL	Pentachlorophenol	10 ug/mL
					SM_SIMICALIS_00020	20 uL	1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
.SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
.SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
.SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
.SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
.SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL
..SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
.SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
.SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
.SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SM_simSlviL9_00003	05/31/26	05/14/25	MeCl2, Lot 2162002	10 mL	SM_4,6-DC-10X_00003	200 uL	4,6-Dinitro-2-methylphenol	20 ug/mL
					SM_8270_surr_00015	2 uL	2,4,6-Tribromophenol	1 ug/mL
							2-Fluorobiphenyl	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
					SM_BCEE_SIM_00013	1000 uL	Bis(2-chloroethyl)ether	10 ug/mL
					SM_HexaCB_00015	1000 uL	Hexachlorobenzene	10 ug/mL
					SM_N-Nitro_00019	1000 uL	N-Nitrosodimethylamine	10 ug/mL
					SM_p-Dioxane_00032	2000 uL	1,4-Dioxane	20 ug/mL
					SM_PAHmixS_00021	1000 uL	Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Chrysene	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Naphthalene	10 ug/mL
							Phenanthrene	10 ug/mL
							Pyrene	10 ug/mL
					SM_Penta_00014	200 uL	Pentachlorophenol	20 ug/mL
					SM_SIMICALIS_00020	20 uL	1,4-Dichlorobenzene-d4	0.2 ug/mL
							Acenaphthene-d10	0.2 ug/mL
							Chrysene-d12	0.2 ug/mL
							Naphthalene-d8	0.2 ug/mL
							Perylene-d12	0.2 ug/mL
							Phenanthrene-d10	0.2 ug/mL
.SM_4,6-DC-10X_00003	05/31/26		Agilent, Lot 6673574		(Purchased Reagent)		4,6-Dinitro-2-methylphenol	1000 ug/mL
.SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
.SM_BCEE_SIM_00013	04/27/27		Agilent, Lot 6736401		(Purchased Reagent)		Bis(2-chloroethyl)ether	100 ug/mL
.SM_HexaCB_00015	06/30/26		Agilent, Lot 6683905		(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
.SM_N-Nitro_00019	07/31/27		Agilent, Lot 6747589		(Purchased Reagent)		N-Nitrosodimethylamine	100 ug/mL
.SM_p-Dioxane_00032	03/31/28	05/29/24	MeCl2, Lot 2562011	10 mL	SM_1,4-Dioxan_00017	500 uL	1,4-Dioxane	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SM_1,4-Dioxan_00017	03/31/28		Agilent, Lot 67424517		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
.SM_PAHmixS_00021	07/27/28		ACCUSTANDARD, Lot 224061574		(Purchased Reagent)		Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Chrysene	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
.SM_Penta_00014	05/31/27		Agilent, Lot 6738469		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
.SM_SIMICALIS_00020	10/31/26	05/05/24	MeCl2, Lot 2562011	5 mL	SM_ISTD_00197	250 uL	1,4-Dichlorobenzene-d4	100 ug/mL
							Acenaphthene-d10	100 ug/mL
							Chrysene-d12	100 ug/mL
							Naphthalene-d8	100 ug/mL
							Perylene-d12	100 ug/mL
							Phenanthrene-d10	100 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SMDFTP_CH_00037							4,4'-DDD	
							4,4'-DDE	
							Tentatively Identified Compound	
							Total Semivolatile Organic Compounds	
					SMDFTTP_CH_00021	2.5 mL	4,4'-DDT	25 ug/mL
							Benzidine_T	25 ug/mL
							DFTPP	25 ug/mL
							Pentachlorophenol_T	25 ug/mL
.SMDFTTP_CH_00021	07/31/26		Restek, Lot A0200028		(Purchased Reagent)		4,4'-DDT	1000 ug/mL
							Benzidine_T	1000 ug/mL
							DFTPP	1000 ug/mL
							Pentachlorophenol_T	1000 ug/mL
SV_BNAL1_LVI_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L1_00007	2 mL	2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							n,n'-Dimethylaniline	0.1 ug/mL
							N-Methylaniline	0.1 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							1,1'-Biphenyl	0.1 ug/mL
							1,2,4-Trichlorobenzene	0.1 ug/mL
							1,2-Diphenylhydrazine	0.1 ug/mL
							1,4-Dioxane	0.1 ug/mL
							2,4-Dinitrophenol	0.2 ug/mL
							4-Chloroaniline	0.1 ug/mL
							Aniline	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Bis(2-chloroethyl)ether	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Hexachlorobenzene	0.1 ug/mL
							Hexachlorobutadiene	0.1 ug/mL
							Hexachloroethane	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							N-Nitrosodi-n-propylamine	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Nitrobenzene	0.1 ug/mL
							Pyridine	0.2 ug/mL
.SV_BNA_L1_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	50 mL	SM_8270_surr_00015	500 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	12.5 uL	n,n'-Dimethylaniline	0.5 ug/mL
							N-Methylaniline	0.5 ug/mL
					SM_ISTD_00197	1000 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SM_STD#1mega_00027	25 uL	1,1'-Biphenyl	0.5 ug/mL
							1,2,4-Trichlorobenzene	0.5 ug/mL
							1,2-Diphenylhydrazine	0.5 ug/mL
							1,4-Dioxane	0.5 ug/mL
							2,4-Dinitrophenol	1 ug/mL
							4-Chloroaniline	0.5 ug/mL
							Aniline	0.5 ug/mL
							Benzo[a]anthracene	0.5 ug/mL
							Benzo[a]pyrene	0.5 ug/mL
							Benzo[b]fluoranthene	0.5 ug/mL
							Benzo[g,h,i]perylene	0.5 ug/mL
							Benzo[k]fluoranthene	0.5 ug/mL
							Bis(2-chloroethyl)ether	0.5 ug/mL
							Dibenz(a,h)anthracene	0.5 ug/mL
							Hexachlorobenzene	0.5 ug/mL
							Hexachlorobutadiene	0.5 ug/mL
							Hexachloroethane	0.5 ug/mL
							Indeno[1,2,3-cd]pyrene	0.5 ug/mL
							N-Nitrosodi-n-propylamine	0.5 ug/mL
							Naphthalene	0.5 ug/mL
							Nitrobenzene	0.5 ug/mL
							Pyridine	1 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							4-Chloroaniline	1000 ug/mL
							Aniline	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[k]fluoranthene	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL2_LVI_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L2_00007	2 mL	2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	0.2 ug/mL
							2-tertbutyl-4-methylphenol	0.2 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	0.2 ug/mL
							Carbamazepine	0.2 ug/mL
							Coumarin	0.2 ug/mL
							n,n'-Dimethylaniline	0.2 ug/mL
							N-Methylaniline	0.2 ug/mL
							Pentachloronitrobenzene	0.2 ug/mL
							Phenyl ether	0.2 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	0.2 ug/mL
							Benzaldehyde	0.2 ug/mL
							Caprolactam	0.2 ug/mL
							3,3'-Dichlorobenzidine	0.2 ug/mL
							Benzidine	0.2 ug/mL
							1,1'-Biphenyl	0.2 ug/mL
							1,2,4,5-Tetrachlorobenzene	0.2 ug/mL
							1,2,4-Trichlorobenzene	0.2 ug/mL
							1,2-Dichlorobenzene	0.2 ug/mL
							1,2-Diphenylhydrazine	0.2 ug/mL
							1,3-Dichlorobenzene	0.2 ug/mL
							1,4-Dichlorobenzene	0.2 ug/mL
							1,4-Dioxane	0.2 ug/mL
							1-Methylnaphthalene	0.2 ug/mL
							2,2'-oxybis[1-chloropropane]	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,4,6-Tetrachlorophenol	0.2 ug/mL
							2,4,5-Trichlorophenol	0.2 ug/mL
							2,4,6-Trichlorophenol	0.2 ug/mL
							2,4-Dichlorophenol	0.2 ug/mL
							2,4-Dimethylphenol	0.2 ug/mL
							2,4-Dinitrophenol	0.4 ug/mL
							2,4-Dinitrotoluene	0.2 ug/mL
							2,6-Dichlorophenol	0.2 ug/mL
							2,6-Dinitrotoluene	0.2 ug/mL
							2-Chloronaphthalene	0.2 ug/mL
							2-Chlorophenol	0.2 ug/mL
							2-Methylnaphthalene	0.2 ug/mL
							2-Methylphenol	0.2 ug/mL
							2-Nitroaniline	0.2 ug/mL
							2-Nitrophenol	0.2 ug/mL
							3 & 4 Methylphenol	0.2 ug/mL
							3-Nitroaniline	0.2 ug/mL
							4,6-Dinitro-2-methylphenol	0.4 ug/mL
							4-Bromophenyl phenyl ether	0.2 ug/mL
							4-Chloro-3-methylphenol	0.2 ug/mL
							4-Chloroaniline	0.2 ug/mL
							4-Chlorophenyl phenyl ether	0.2 ug/mL
							4-Methylphenol	0.2 ug/mL
							4-Nitroaniline	0.2 ug/mL
							4-Nitrophenol	0.4 ug/mL
							Acenaphthene	0.2 ug/mL
							Acenaphthylene	0.2 ug/mL
							Acetophenone	0.2 ug/mL
							Aniline	0.2 ug/mL
							Anthracene	0.2 ug/mL
							Azobenzene	0.2 ug/mL
							Benzo[a]anthracene	0.2 ug/mL
							Benzo[a]pyrene	0.2 ug/mL
							Benzo[b]fluoranthene	0.2 ug/mL
							Benzo[g,h,i]perylene	0.2 ug/mL
							Benzo[k]fluoranthene	0.2 ug/mL
							Benzyl alcohol	0.2 ug/mL
							Bis(2-chloroethoxy)methane	0.2 ug/mL
							Bis(2-chloroethyl)ether	0.2 ug/mL
							Bis(2-ethylhexyl) phthalate	0.2 ug/mL
							Butyl benzyl phthalate	0.2 ug/mL
							Carbazole	0.2 ug/mL
							Chrysene	0.2 ug/mL
							Di-n-butyl phthalate	0.2 ug/mL
							Di-n-octyl phthalate	0.2 ug/mL
							Dibenz(a,h)anthracene	0.2 ug/mL
							Dibenzofuran	0.2 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Diethyl phthalate	0.2 ug/mL
							Dimethyl phthalate	0.2 ug/mL
							Fluoranthene	0.2 ug/mL
							Fluorene	0.2 ug/mL
							Hexachlorobenzene	0.2 ug/mL
							Hexachlorobutadiene	0.2 ug/mL
							Hexachlorocyclopentadiene	0.2 ug/mL
							Hexachloroethane	0.2 ug/mL
							Indeno[1,2,3-cd]pyrene	0.2 ug/mL
							Isophorone	0.2 ug/mL
							n-Decane	0.2 ug/mL
							N-Nitrosodi-n-propylamine	0.2 ug/mL
							N-Nitrosodimethylamine	0.2 ug/mL
							N-Nitrosodiphenylamine	0.2 ug/mL
							n-Octadecane	0.2 ug/mL
							Naphthalene	0.2 ug/mL
							Nitrobenzene	0.2 ug/mL
							Pentachlorophenol	0.4 ug/mL
							Phenanthrene	0.2 ug/mL
							Phenol	0.2 ug/mL
							Pyrene	0.2 ug/mL
							Pyridine	0.4 ug/mL
.SV_BNA_L2_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	50 mL	SM_8270_surr_00015	500 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	25 uL	1,3-Dimethylnaphthalene	1 ug/mL
							2-tertbutyl-4-methylphenol	1 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	1 ug/mL
							Carbamazepine	1 ug/mL
							Coumarin	1 ug/mL
							n,n'-Dimethylaniline	1 ug/mL
							N-Methylaniline	1 ug/mL
							Pentachloronitrobenzene	1 ug/mL
							Phenyl ether	1 ug/mL
					SM_ISTD_00197	1000 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	25 uL	Atrazine	1 ug/mL
							Benzaldehyde	1 ug/mL
							Caprolactam	1 ug/mL
					SM_std #9BNA_00025	25 uL	3,3'-Dichlorobenzidine	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzidine	1 ug/mL
					SM_STD#1mega_00027	50 uL	1,1'-Biphenyl	1 ug/mL
							1,2,4,5-Tetrachlorobenzene	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL
							1,3-Dichlorobenzene	1 ug/mL
							1,4-Dichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2,2'-oxybis[1-chloropropane]	1 ug/mL
							2,3,4,6-Tetrachlorophenol	1 ug/mL
							2,4,5-Trichlorophenol	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dichlorophenol	1 ug/mL
							2,4-Dimethylphenol	1 ug/mL
							2,4-Dinitrophenol	2 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dichlorophenol	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Chloronaphthalene	1 ug/mL
							2-Chlorophenol	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							2-Methylphenol	1 ug/mL
							2-Nitroaniline	1 ug/mL
							2-Nitrophenol	1 ug/mL
							3 & 4 Methylphenol	1 ug/mL
							3-Nitroaniline	1 ug/mL
							4,6-Dinitro-2-methylphenol	2 ug/mL
							4-Bromophenyl phenyl ether	1 ug/mL
							4-Chloro-3-methylphenol	1 ug/mL
							4-Chloroaniline	1 ug/mL
							4-Chlorophenyl phenyl ether	1 ug/mL
							4-Methylphenol	1 ug/mL
							4-Nitroaniline	1 ug/mL
							4-Nitrophenol	2 ug/mL
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Acetophenone	1 ug/mL
							Aniline	1 ug/mL
							Anthracene	1 ug/mL
							Azobenzene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl alcohol	1 ug/mL
							Bis(2-chloroethoxy)methane	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Butyl benzyl phthalate	1 ug/mL
							Carbazole	1 ug/mL
							Chrysene	1 ug/mL
							Di-n-butyl phthalate	1 ug/mL
							Di-n-octyl phthalate	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Dibenzofuran	1 ug/mL
							Diethyl phthalate	1 ug/mL
							Dimethyl phthalate	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							n-Decane	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							N-Nitrosodiphenylamine	1 ug/mL
							n-Octadecane	1 ug/mL
							Naphthalene	1 ug/mL
							Nitrobenzene	1 ug/mL
							Pentachlorophenol	2 ug/mL
							Phenanthrene	1 ug/mL
							Phenol	1 ug/mL
							Pyrene	1 ug/mL
							Pyridine	2 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenyl ether	2000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL3_LVI_00009	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L3_00007	2 mL	2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	0.4 ug/mL
							Benzaldehyde	0.4 ug/mL
							Caprolactam	0.4 ug/mL
							Benzidine	0.4 ug/mL
							2,4-Dinitrophenol	0.8 ug/mL
.SV_BNA_L3_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	25 mL	SM_8270_surr_00015	250 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	25 uL	Atrazine	2 ug/mL
							Benzaldehyde	2 ug/mL
							Caprolactam	2 ug/mL
					SM_std #9BNA_00025	25 uL	Benzidine	2 ug/mL
					SM_STD#1mega_00027	50 uL	2,4-Dinitrophenol	4 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		Benzidine	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SM_STD#1mega_00027	04/30/26	RESTEK, Lot A0222830			(Purchased Reagent)		2,4-Dinitrophenol	2000 ug/mL
SV_BNAL4_LVI_00009	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L4_00007	2 mL	Benzoic acid	1 ug/mL
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	1 ug/mL
							2-tertbutyl-4-methylphenol	1 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	1 ug/mL
							Carbamazepine	1 ug/mL
							Coumarin	1 ug/mL
							n,n'-Dimethylaniline	1 ug/mL
							N-Methylaniline	1 ug/mL
							Pentachloronitrobenzene	1 ug/mL
							Phenyl ether	1 ug/mL
							Bisphenol-A	1 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	1 ug/mL
							Benzaldehyde	1 ug/mL
							Caprolactam	1 ug/mL
							3,3'-Dichlorobenzidine	1 ug/mL
							Benzidine	1 ug/mL
							1,1'-Biphenyl	1 ug/mL
							1,2,4,5-Tetrachlorobenzene	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL
							1,3-Dichlorobenzene	1 ug/mL
							1,4-Dichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2,2'-oxybis[1-chloropropane]	1 ug/mL
							2,3,4,6-Tetrachlorophenol	1 ug/mL
							2,4,5-Trichlorophenol	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dichlorophenol	1 ug/mL
							2,4-Dimethylphenol	1 ug/mL
							2,4-Dinitrophenol	2 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dichlorophenol	1 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,6-Dinitrotoluene	1 ug/mL
							2-Chloronaphthalene	1 ug/mL
							2-Chlorophenol	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							2-Methylphenol	1 ug/mL
							2-Nitroaniline	1 ug/mL
							2-Nitrophenol	1 ug/mL
							3 & 4 Methylphenol	1 ug/mL
							3-Nitroaniline	1 ug/mL
							4,6-Dinitro-2-methylphenol	2 ug/mL
							4-Bromophenyl phenyl ether	1 ug/mL
							4-Chloro-3-methylphenol	1 ug/mL
							4-Chloroaniline	1 ug/mL
							4-Chlorophenyl phenyl ether	1 ug/mL
							4-Methylphenol	1 ug/mL
							4-Nitroaniline	1 ug/mL
							4-Nitrophenol	2 ug/mL
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Acetophenone	1 ug/mL
							Aniline	1 ug/mL
							Anthracene	1 ug/mL
							Azobenzene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Benzyl alcohol	1 ug/mL
							Bis(2-chloroethoxy)methane	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Butyl benzyl phthalate	1 ug/mL
							Carbazole	1 ug/mL
							Chrysene	1 ug/mL
							Di-n-butyl phthalate	1 ug/mL
							Di-n-octyl phthalate	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Dibenzofuran	1 ug/mL
							Diethyl phthalate	1 ug/mL
							Dimethyl phthalate	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							n-Decane	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							N-Nitrosodiphenylamine	1 ug/mL
							n-Octadecane	1 ug/mL
							Naphthalene	1 ug/mL
							Nitrobenzene	1 ug/mL
							Pentachlorophenol	2 ug/mL
							Phenanthrene	1 ug/mL
							Phenol	1 ug/mL
							Pyrene	1 ug/mL
							Pyridine	2 ug/mL
.SV_BNA_L4_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	25 mL	SM-BenzAcid_00021	62.5 uL	Benzoic acid	5 ug/mL
					SM_8270_surr_00015	250 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	62.5 uL	1,3-Dimethylnaphthalene	5 ug/mL
							2-tertbutyl-4-methylphenol	5 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	5 ug/mL
							Carbamazepine	5 ug/mL
							Coumarin	5 ug/mL
							n,n'-Dimethylaniline	5 ug/mL
							N-Methylaniline	5 ug/mL
							Pentachloronitrobenzene	5 ug/mL
							Phenyl ether	5 ug/mL
					SM_BPA_00021	125 uL	Bisphenol-A	5 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	62.5 uL	Atrazine	5 ug/mL
							Benzaldehyde	5 ug/mL
							Caprolactam	5 ug/mL
					SM_std #9BNA_00025	62.5 uL	3,3'-Dichlorobenzidine	5 ug/mL
							Benzidine	5 ug/mL
					SM_STD#1mega_00027	125 uL	1,1'-Biphenyl	5 ug/mL
							1,2,4,5-Tetrachlorobenzene	5 ug/mL
							1,2,4-Trichlorobenzene	5 ug/mL
							1,2-Dichlorobenzene	5 ug/mL
							1,2-Diphenylhydrazine	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	5 ug/mL
							1,4-Dichlorobenzene	5 ug/mL
							1,4-Dioxane	5 ug/mL
							1-Methylnaphthalene	5 ug/mL
							2,2'-oxybis[1-chloropropane]	5 ug/mL
							2,3,4,6-Tetrachlorophenol	5 ug/mL
							2,4,5-Trichlorophenol	5 ug/mL
							2,4,6-Trichlorophenol	5 ug/mL
							2,4-Dichlorophenol	5 ug/mL
							2,4-Dimethylphenol	5 ug/mL
							2,4-Dinitrophenol	10 ug/mL
							2,4-Dinitrotoluene	5 ug/mL
							2,6-Dichlorophenol	5 ug/mL
							2,6-Dinitrotoluene	5 ug/mL
							2-Chloronaphthalene	5 ug/mL
							2-Chlorophenol	5 ug/mL
							2-Methylnaphthalene	5 ug/mL
							2-Methylphenol	5 ug/mL
							2-Nitroaniline	5 ug/mL
							2-Nitrophenol	5 ug/mL
							3 & 4 Methylphenol	5 ug/mL
							3-Nitroaniline	5 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Bromophenyl phenyl ether	5 ug/mL
							4-Chloro-3-methylphenol	5 ug/mL
							4-Chloroaniline	5 ug/mL
							4-Chlorophenyl phenyl ether	5 ug/mL
							4-Methylphenol	5 ug/mL
							4-Nitroaniline	5 ug/mL
							4-Nitrophenol	10 ug/mL
							Acenaphthene	5 ug/mL
							Acenaphthylene	5 ug/mL
							Acetophenone	5 ug/mL
							Aniline	5 ug/mL
							Anthracene	5 ug/mL
							Azobenzene	5 ug/mL
							Benzo[a]anthracene	5 ug/mL
							Benzo[a]pyrene	5 ug/mL
							Benzo[b]fluoranthene	5 ug/mL
							Benzo[g,h,i]perylene	5 ug/mL
							Benzo[k]fluoranthene	5 ug/mL
							Benzyl alcohol	5 ug/mL
							Bis(2-chloroethoxy)methane	5 ug/mL
							Bis(2-chloroethyl)ether	5 ug/mL
							Bis(2-ethylhexyl) phthalate	5 ug/mL
							Butyl benzyl phthalate	5 ug/mL
							Carbazole	5 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene	5 ug/mL
							Di-n-butyl phthalate	5 ug/mL
							Di-n-octyl phthalate	5 ug/mL
							Dibenz(a,h)anthracene	5 ug/mL
							Dibenzofuran	5 ug/mL
							Diethyl phthalate	5 ug/mL
							Dimethyl phthalate	5 ug/mL
							Fluoranthene	5 ug/mL
							Fluorene	5 ug/mL
							Hexachlorobenzene	5 ug/mL
							Hexachlorobutadiene	5 ug/mL
							Hexachlorocyclopentadiene	5 ug/mL
							Hexachloroethane	5 ug/mL
							Indeno[1,2,3-cd]pyrene	5 ug/mL
							Isophorone	5 ug/mL
							n-Decane	5 ug/mL
							N-Nitrosodi-n-propylamine	5 ug/mL
							N-Nitrosodimethylamine	5 ug/mL
							N-Nitrosodiphenylamine	5 ug/mL
							n-Octadecane	5 ug/mL
							Naphthalene	5 ug/mL
							Nitrobenzene	5 ug/mL
							Pentachlorophenol	10 ug/mL
							Phenanthrene	5 ug/mL
							Phenol	5 ug/mL
							Pyrene	5 ug/mL
							Pyridine	10 ug/mL
..SM-BenzAcid_00021	08/31/26		Restek, Lot A0222783		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00021	10/30/27		Agilent, Lot 0007778114		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL5_LVI_00009	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L5_00007	2 mL	Benzoic acid	2 ug/mL
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dimethylnaphthalene	2 ug/mL
							2-tertbutyl-4-methylphenol	2 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2 ug/mL
							Carbamazepine	2 ug/mL
							Coumarin	2 ug/mL
							n,n'-Dimethylaniline	2 ug/mL
							N-Methylaniline	2 ug/mL
							Pentachloronitrobenzene	2 ug/mL
							Phenyl ether	2 ug/mL
							Bisphenol-A	2 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	2 ug/mL
							Benzaldehyde	2 ug/mL
							Caprolactam	2 ug/mL
							3,3'-Dichlorobenzidine	2 ug/mL
							Benzidine	2 ug/mL
							1,1'-Biphenyl	2 ug/mL
							1,2,4,5-Tetrachlorobenzene	2 ug/mL
							1,2,4-Trichlorobenzene	2 ug/mL
							1,2-Dichlorobenzene	2 ug/mL
							1,2-Diphenylhydrazine	2 ug/mL
							1,3-Dichlorobenzene	2 ug/mL
							1,4-Dichlorobenzene	2 ug/mL
							1,4-Dioxane	2 ug/mL
							1-Methylnaphthalene	2 ug/mL
							2,2'-oxybis[1-chloropropane]	2 ug/mL
							2,3,4,6-Tetrachlorophenol	2 ug/mL
							2,4,5-Trichlorophenol	2 ug/mL
							2,4,6-Trichlorophenol	2 ug/mL
							2,4-Dichlorophenol	2 ug/mL
							2,4-Dimethylphenol	2 ug/mL
							2,4-Dinitrophenol	4 ug/mL
							2,4-Dinitrotoluene	2 ug/mL
							2,6-Dichlorophenol	2 ug/mL
							2,6-Dinitrotoluene	2 ug/mL
							2-Chloronaphthalene	2 ug/mL
							2-Chlorophenol	2 ug/mL
							2-Methylnaphthalene	2 ug/mL
							2-Methylphenol	2 ug/mL
							2-Nitroaniline	2 ug/mL
							2-Nitrophenol	2 ug/mL
							3 & 4 Methylphenol	2 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Nitroaniline	2 ug/mL
							4,6-Dinitro-2-methylphenol	4 ug/mL
							4-Bromophenyl phenyl ether	2 ug/mL
							4-Chloro-3-methylphenol	2 ug/mL
							4-Chloroaniline	2 ug/mL
							4-Chlorophenyl phenyl ether	2 ug/mL
							4-Methylphenol	2 ug/mL
							4-Nitroaniline	2 ug/mL
							4-Nitrophenol	4 ug/mL
							Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Acetophenone	2 ug/mL
							Aniline	2 ug/mL
							Anthracene	2 ug/mL
							Azobenzene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Benzyl alcohol	2 ug/mL
							Bis(2-chloroethoxy)methane	2 ug/mL
							Bis(2-chloroethyl)ether	2 ug/mL
							Bis(2-ethylhexyl) phthalate	2 ug/mL
							Butyl benzyl phthalate	2 ug/mL
							Carbazole	2 ug/mL
							Chrysene	2 ug/mL
							Di-n-butyl phthalate	2 ug/mL
							Di-n-octyl phthalate	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Dibenzofuran	2 ug/mL
							Diethyl phthalate	2 ug/mL
							Dimethyl phthalate	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Hexachlorobenzene	2 ug/mL
							Hexachlorobutadiene	2 ug/mL
							Hexachlorocyclopentadiene	2 ug/mL
							Hexachloroethane	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Isophorone	2 ug/mL
							n-Decane	2 ug/mL
							N-Nitrosodi-n-propylamine	2 ug/mL
							N-Nitrosodimethylamine	2 ug/mL
							N-Nitrosodiphenylamine	2 ug/mL
							n-Octadecane	2 ug/mL
							Naphthalene	2 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene	2 ug/mL
							Pentachlorophenol	4 ug/mL
							Phenanthrene	2 ug/mL
							Phenol	2 ug/mL
							Pyrene	2 ug/mL
							Pyridine	4 ug/mL
.SV_BNA_L5_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	25 mL	SM-BenzAcid_00021	125 uL	Benzoic acid	10 ug/mL
					SM_8270_surr_00015	250 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	125 uL	1,3-Dimethylnaphthalene	10 ug/mL
							2-tertbutyl-4-methylphenol	10 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	10 ug/mL
							Carbamazepine	10 ug/mL
							Coumarin	10 ug/mL
							n,n'-Dimethylaniline	10 ug/mL
							N-Methylaniline	10 ug/mL
							Pentachloronitrobenzene	10 ug/mL
							Phenyl ether	10 ug/mL
					SM_BPA_00021	250 uL	Bisphenol-A	10 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	125 uL	Atrazine	10 ug/mL
							Benzaldehyde	10 ug/mL
							Caprolactam	10 ug/mL
					SM_std #9BNA_00025	125 uL	3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
					SM_STD#1mega_00027	250 uL	1,1'-Biphenyl	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,2'-oxybis[1-chloropropane]	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Methylphenol	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							n-Decane	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							n-Octadecane	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							Pyridine	20 ug/mL
..SM-BenzAcid_00021	08/31/26		Restek, Lot A0222783		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00021	10/30/27		Agilent, Lot 0007778114		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL6_LVI_00010	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L6_00007	2 mL	Benzoic acid	4 ug/mL
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	4 ug/mL
							2-tertbutyl-4-methylphenol	4 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	4 ug/mL
							Carbamazepine	4 ug/mL
							Coumarin	4 ug/mL
							n,n'-Dimethylaniline	4 ug/mL
							N-Methylaniline	4 ug/mL
							Pentachloronitrobenzene	4 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenyl ether	4 ug/mL
							Bisphenol-A	4 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	3.2 ug/mL
							Benzaldehyde	3.2 ug/mL
							Caprolactam	3.2 ug/mL
							3,3'-Dichlorobenzidine	4 ug/mL
							Benzidine	4 ug/mL
							1,1'-Biphenyl	4 ug/mL
							1,2,4,5-Tetrachlorobenzene	4 ug/mL
							1,2,4-Trichlorobenzene	4 ug/mL
							1,2-Dichlorobenzene	4 ug/mL
							1,2-Diphenylhydrazine	4 ug/mL
							1,3-Dichlorobenzene	4 ug/mL
							1,4-Dichlorobenzene	4 ug/mL
							1,4-Dioxane	4 ug/mL
							1-Methylnaphthalene	4 ug/mL
							2,2'-oxybis[1-chloropropane]	4 ug/mL
							2,3,4,6-Tetrachlorophenol	4 ug/mL
							2,4,5-Trichlorophenol	4 ug/mL
							2,4,6-Trichlorophenol	4 ug/mL
							2,4-Dichlorophenol	4 ug/mL
							2,4-Dimethylphenol	4 ug/mL
							2,4-Dinitrophenol	8 ug/mL
							2,4-Dinitrotoluene	4 ug/mL
							2,6-Dichlorophenol	4 ug/mL
							2,6-Dinitrotoluene	4 ug/mL
							2-Chloronaphthalene	4 ug/mL
							2-Chlorophenol	4 ug/mL
							2-Methylnaphthalene	4 ug/mL
							2-Methylphenol	4 ug/mL
							2-Nitroaniline	4 ug/mL
							2-Nitrophenol	4 ug/mL
							3 & 4 Methylphenol	4 ug/mL
							3-Nitroaniline	4 ug/mL
							4,6-Dinitro-2-methylphenol	8 ug/mL
							4-Bromophenyl phenyl ether	4 ug/mL
							4-Chloro-3-methylphenol	4 ug/mL
							4-Chloroaniline	4 ug/mL
							4-Chlorophenyl phenyl ether	4 ug/mL
							4-Methylphenol	4 ug/mL
							4-Nitroaniline	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrophenol	8 ug/mL
							Acenaphthene	4 ug/mL
							Acenaphthylene	4 ug/mL
							Acetophenone	4 ug/mL
							Aniline	4 ug/mL
							Anthracene	4 ug/mL
							Azobenzene	4 ug/mL
							Benzo[a]anthracene	4 ug/mL
							Benzo[a]pyrene	4 ug/mL
							Benzo[b]fluoranthene	4 ug/mL
							Benzo[g,h,i]perylene	4 ug/mL
							Benzo[k]fluoranthene	4 ug/mL
							Benzyl alcohol	4 ug/mL
							Bis(2-chloroethoxy)methane	4 ug/mL
							Bis(2-chloroethyl)ether	4 ug/mL
							Bis(2-ethylhexyl) phthalate	4 ug/mL
							Butyl benzyl phthalate	4 ug/mL
							Carbazole	4 ug/mL
							Chrysene	4 ug/mL
							Di-n-butyl phthalate	4 ug/mL
							Di-n-octyl phthalate	4 ug/mL
							Dibenz(a,h)anthracene	4 ug/mL
							Dibenzofuran	4 ug/mL
							Diethyl phthalate	4 ug/mL
							Dimethyl phthalate	4 ug/mL
							Fluoranthene	4 ug/mL
							Fluorene	4 ug/mL
							Hexachlorobenzene	4 ug/mL
							Hexachlorobutadiene	4 ug/mL
							Hexachlorocyclopentadiene	4 ug/mL
							Hexachloroethane	4 ug/mL
							Indeno[1,2,3-cd]pyrene	4 ug/mL
							Isophorone	4 ug/mL
							n-Decane	4 ug/mL
							N-Nitrosodi-n-propylamine	4 ug/mL
							N-Nitrosodimethylamine	4 ug/mL
							N-Nitrosodiphenylamine	4 ug/mL
							n-Octadecane	4 ug/mL
							Naphthalene	4 ug/mL
							Nitrobenzene	4 ug/mL
							Pentachlorophenol	8 ug/mL
							Phenanthrene	4 ug/mL
							Phenol	4 ug/mL
							Pyrene	4 ug/mL
							Pyridine	8 ug/mL
.SV_BNA_L6_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	25 mL	SM-BenzAcid_00021	250 uL	Benzoic acid	20 ug/mL
					SM_8270_surr_00015	250 uL	2,4,6-Tribromophenol	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	250 uL	1,3-Dimethylnaphthalene	20 ug/mL
							2-tertbutyl-4-methylphenol	20 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	20 ug/mL
							Carbamazepine	20 ug/mL
							Coumarin	20 ug/mL
							n,n'-Dimethylaniline	20 ug/mL
							N-Methylaniline	20 ug/mL
							Pentachloronitrobenzene	20 ug/mL
							Phenyl ether	20 ug/mL
					SM_BPA_00021	500 uL	Bisphenol-A	20 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	200 uL	Atrazine	16 ug/mL
							Benzaldehyde	16 ug/mL
							Caprolactam	16 ug/mL
					SM_std #9BNA_00025	250 uL	3,3'-Dichlorobenzidine	20 ug/mL
							Benzidine	20 ug/mL
					SM_STD#1mega_00027	500 uL	1,1'-Biphenyl	20 ug/mL
							1,2,4,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,2'-oxybis[1-chloropropane]	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	40 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dichlorophenol	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	40 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Methylphenol	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	40 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Aniline	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzyl alcohol	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							n-Decane	20 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							n-Octadecane	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	40 ug/mL
..SM-BenzAcid_00021	08/31/26		Restek, Lot A0222783		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00021	10/30/27		Agilent, Lot 0007778114		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL7_LVI_00010	03/27/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L7_00008	2 mL	Benzoic acid	10 ug/mL
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	10 ug/mL
							2-tertbutyl-4-methylphenol	10 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	10 ug/mL
							Carbamazepine	10 ug/mL
							Coumarin	10 ug/mL
							n,n'-Dimethylaniline	10 ug/mL
							N-Methylaniline	10 ug/mL
							Pentachloronitrobenzene	10 ug/mL
							Phenyl ether	10 ug/mL
							Bisphenol-A	10 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Atrazine	4 ug/mL
							Benzaldehyde	4 ug/mL
							Caprolactam	4 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
							1,1'-Biphenyl	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,2'-oxybis[1-chloropropane]	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Methylphenol	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							n-Decane	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							n-Octadecane	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							Pyridine	20 ug/mL
							2,3,7,8-TCDD	0.1 ug/mL
.SV_BNA_L7_00008	03/28/26	03/19/25	MeCl2, Lot 1062005	50 mL	SM-BenzAcid_00021	1250 uL	Benzoic acid	50 ug/mL
					SM_8270_surr_00015	500 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	1250 uL	1,3-Dimethylnaphthalene	50 ug/mL
							2-tertbutyl-4-methylphenol	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3,5-di-tert-butyl-4-hydroxytol	50 ug/mL
							Carbamazepine	50 ug/mL
							Coumarin	50 ug/mL
							n,n'-Dimethylaniline	50 ug/mL
							N-Methylaniline	50 ug/mL
							Pentachloronitrobenzene	50 ug/mL
							Phenyl ether	50 ug/mL
					SM_BPA_00021	2500 uL	Bisphenol-A	50 ug/mL
					SM_ISTD_00197	1000 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	500 uL	Atrazine	20 ug/mL
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
					SM_std #9BNA_00025	1250 uL	3,3'-Dichlorobenzidine	50 ug/mL
							Benzidine	50 ug/mL
					SM_STD#1mega_00027	2500 uL	1,1'-Biphenyl	50 ug/mL
							1,2,4,5-Tetrachlorobenzene	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Diphenylhydrazine	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	50 ug/mL
							1-Methylnaphthalene	50 ug/mL
							2,2'-oxybis[1-chloropropane]	50 ug/mL
							2,3,4,6-Tetrachlorophenol	50 ug/mL
							2,4,5-Trichlorophenol	50 ug/mL
							2,4,6-Trichlorophenol	50 ug/mL
							2,4-Dichlorophenol	50 ug/mL
							2,4-Dimethylphenol	50 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dichlorophenol	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Chloronaphthalene	50 ug/mL
							2-Chlorophenol	50 ug/mL
							2-Methylnaphthalene	50 ug/mL
							2-Methylphenol	50 ug/mL
							2-Nitroaniline	50 ug/mL
							2-Nitrophenol	50 ug/mL
							3 & 4 Methylphenol	50 ug/mL
							3-Nitroaniline	50 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Bromophenyl phenyl ether	50 ug/mL
							4-Chloro-3-methylphenol	50 ug/mL
							4-Chloroaniline	50 ug/mL
							4-Chlorophenyl phenyl ether	50 ug/mL
							4-Methylphenol	50 ug/mL
							4-Nitroaniline	50 ug/mL
							4-Nitrophenol	100 ug/mL
							Acenaphthene	50 ug/mL
							Acenaphthylene	50 ug/mL
							Acetophenone	50 ug/mL
							Aniline	50 ug/mL
							Anthracene	50 ug/mL
							Azobenzene	50 ug/mL
							Benzo[a]anthracene	50 ug/mL
							Benzo[a]pyrene	50 ug/mL
							Benzo[b]fluoranthene	50 ug/mL
							Benzo[g,h,i]perylene	50 ug/mL
							Benzo[k]fluoranthene	50 ug/mL
							Benzyl alcohol	50 ug/mL
							Bis(2-chloroethoxy)methane	50 ug/mL
							Bis(2-chloroethyl)ether	50 ug/mL
							Bis(2-ethylhexyl) phthalate	50 ug/mL
							Butyl benzyl phthalate	50 ug/mL
							Carbazole	50 ug/mL
							Chrysene	50 ug/mL
							Di-n-butyl phthalate	50 ug/mL
							Di-n-octyl phthalate	50 ug/mL
							Dibenz(a,h)anthracene	50 ug/mL
							Dibenzofuran	50 ug/mL
							Diethyl phthalate	50 ug/mL
							Dimethyl phthalate	50 ug/mL
							Fluoranthene	50 ug/mL
							Fluorene	50 ug/mL
							Hexachlorobenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexachlorocyclopentadiene	50 ug/mL
							Hexachloroethane	50 ug/mL
							Indeno[1,2,3-cd]pyrene	50 ug/mL
							Isophorone	50 ug/mL
							n-Decane	50 ug/mL
							N-Nitrosodi-n-propylamine	50 ug/mL
							N-Nitrosodimethylamine	50 ug/mL
							N-Nitrosodiphenylamine	50 ug/mL
							n-Octadecane	50 ug/mL
							Naphthalene	50 ug/mL
							Nitrobenzene	50 ug/mL
							Pentachlorophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene	50 ug/mL
							Phenol	50 ug/mL
							Pyrene	50 ug/mL
							Pyridine	100 ug/mL
					SM_TCDD_00016	500 uL	2,3,7,8-TCDD	0.5 ug/mL
..SM-BenzAcid_00021	08/31/26		Restek, Lot A0222783		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00021	10/30/27		Agilent, Lot 0007778114		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
..SM_TCDD_00016	03/31/28	Spex CertiPrep, Lot AA201542801			(Purchased Reagent)		2,3,7,8-TCDD	50 ug/mL
SV_BNAL8_LVI_00009	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L8_00007	2 mL	Benzoic acid	16 ug/mL
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	16 ug/mL
							2-tertbutyl-4-methylphenol	16 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	16 ug/mL
							Carbamazepine	16 ug/mL
							Coumarin	16 ug/mL
							n,n'-Dimethylaniline	16 ug/mL
							N-Methylaniline	16 ug/mL
							Pentachloronitrobenzene	16 ug/mL
							Phenyl ether	16 ug/mL
							Bisphenol-A	16 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	4.8 ug/mL
							Benzaldehyde	4.8 ug/mL
							Caprolactam	4.8 ug/mL
							3,3'-Dichlorobenzidine	16 ug/mL
							Benzidine	16 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1'-Biphenyl	16 ug/mL
							1,2,4,5-Tetrachlorobenzene	16 ug/mL
							1,2,4-Trichlorobenzene	16 ug/mL
							1,2-Dichlorobenzene	16 ug/mL
							1,2-Diphenylhydrazine	16 ug/mL
							1,3-Dichlorobenzene	16 ug/mL
							1,4-Dichlorobenzene	16 ug/mL
							1,4-Dioxane	16 ug/mL
							1-Methylnaphthalene	16 ug/mL
							2,2'-oxybis[1-chloropropane]	16 ug/mL
							2,3,4,6-Tetrachlorophenol	16 ug/mL
							2,4,5-Trichlorophenol	16 ug/mL
							2,4,6-Trichlorophenol	16 ug/mL
							2,4-Dichlorophenol	16 ug/mL
							2,4-Dimethylphenol	16 ug/mL
							2,4-Dinitrophenol	32 ug/mL
							2,4-Dinitrotoluene	16 ug/mL
							2,6-Dichlorophenol	16 ug/mL
							2,6-Dinitrotoluene	16 ug/mL
							2-Chloronaphthalene	16 ug/mL
							2-Chlorophenol	16 ug/mL
							2-Methylnaphthalene	16 ug/mL
							2-Methylphenol	16 ug/mL
							2-Nitroaniline	16 ug/mL
							2-Nitrophenol	16 ug/mL
							3 & 4 Methylphenol	16 ug/mL
							3-Nitroaniline	16 ug/mL
							4,6-Dinitro-2-methylphenol	32 ug/mL
							4-Bromophenyl phenyl ether	16 ug/mL
							4-Chloro-3-methylphenol	16 ug/mL
							4-Chloroaniline	16 ug/mL
							4-Chlorophenyl phenyl ether	16 ug/mL
							4-Methylphenol	16 ug/mL
							4-Nitroaniline	16 ug/mL
							4-Nitrophenol	32 ug/mL
							Acenaphthene	16 ug/mL
							Acenaphthylene	16 ug/mL
							Acetophenone	16 ug/mL
							Aniline	16 ug/mL
							Anthracene	16 ug/mL
							Azobenzene	16 ug/mL
							Benzo[a]anthracene	16 ug/mL
							Benzo[a]pyrene	16 ug/mL
							Benzo[b]fluoranthene	16 ug/mL
							Benzo[g,h,i]perylene	16 ug/mL
							Benzo[k]fluoranthene	16 ug/mL
							Benzyl alcohol	16 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethoxy)methane	16 ug/mL
							Bis(2-chloroethyl)ether	16 ug/mL
							Bis(2-ethylhexyl) phthalate	16 ug/mL
							Butyl benzyl phthalate	16 ug/mL
							Carbazole	16 ug/mL
							Chrysene	16 ug/mL
							Di-n-butyl phthalate	16 ug/mL
							Di-n-octyl phthalate	16 ug/mL
							Dibenz(a,h)anthracene	16 ug/mL
							Dibenzofuran	16 ug/mL
							Diethyl phthalate	16 ug/mL
							Dimethyl phthalate	16 ug/mL
							Fluoranthene	16 ug/mL
							Fluorene	16 ug/mL
							Hexachlorobenzene	16 ug/mL
							Hexachlorobutadiene	16 ug/mL
							Hexachlorocyclopentadiene	16 ug/mL
							Hexachloroethane	16 ug/mL
							Indeno[1,2,3-cd]pyrene	16 ug/mL
							Isophorone	16 ug/mL
							n-Decane	16 ug/mL
							N-Nitrosodi-n-propylamine	16 ug/mL
							N-Nitrosodimethylamine	16 ug/mL
							N-Nitrosodiphenylamine	16 ug/mL
							n-Octadecane	16 ug/mL
							Naphthalene	16 ug/mL
							Nitrobenzene	16 ug/mL
							Pentachlorophenol	32 ug/mL
							Phenanthrene	16 ug/mL
							Phenol	16 ug/mL
							Pyrene	16 ug/mL
							Pyridine	32 ug/mL
.SV_BNA_L8_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	25 mL	SM-BenzAcid_00021	1000 uL	Benzoic acid	80 ug/mL
					SM_8270_surr_00015	250 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	1000 uL	1,3-Dimethylnaphthalene	80 ug/mL
							2-tertbutyl-4-methylphenol	80 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	80 ug/mL
							Carbamazepine	80 ug/mL
							Coumarin	80 ug/mL
							n,n'-Dimethylaniline	80 ug/mL
							N-Methylaniline	80 ug/mL
							Pentachloronitrobenzene	80 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenyl ether	80 ug/mL
					SM_BPA_00021	2000 uL	Bisphenol-A	80 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
					SM_std #11BNA_00023	300 uL	Atrazine	24 ug/mL
							Benzaldehyde	24 ug/mL
							Caprolactam	24 ug/mL
					SM_std #9BNA_00025	1000 uL	3,3'-Dichlorobenzidine	80 ug/mL
							Benzidine	80 ug/mL
					SM_STD#1mega_00027	2000 uL	1,1'-Biphenyl	80 ug/mL
							1,2,4,5-Tetrachlorobenzene	80 ug/mL
							1,2,4-Trichlorobenzene	80 ug/mL
							1,2-Dichlorobenzene	80 ug/mL
							1,2-Diphenylhydrazine	80 ug/mL
							1,3-Dichlorobenzene	80 ug/mL
							1,4-Dichlorobenzene	80 ug/mL
							1,4-Dioxane	80 ug/mL
							1-Methylnaphthalene	80 ug/mL
							2,2'-oxybis[1-chloropropane]	80 ug/mL
							2,3,4,6-Tetrachlorophenol	80 ug/mL
							2,4,5-Trichlorophenol	80 ug/mL
							2,4,6-Trichlorophenol	80 ug/mL
							2,4-Dichlorophenol	80 ug/mL
							2,4-Dimethylphenol	80 ug/mL
							2,4-Dinitrophenol	160 ug/mL
							2,4-Dinitrotoluene	80 ug/mL
							2,6-Dichlorophenol	80 ug/mL
							2,6-Dinitrotoluene	80 ug/mL
							2-Chloronaphthalene	80 ug/mL
							2-Chlorophenol	80 ug/mL
							2-Methylnaphthalene	80 ug/mL
							2-Methylphenol	80 ug/mL
							2-Nitroaniline	80 ug/mL
							2-Nitrophenol	80 ug/mL
							3 & 4 Methylphenol	80 ug/mL
							3-Nitroaniline	80 ug/mL
							4,6-Dinitro-2-methylphenol	160 ug/mL
							4-Bromophenyl phenyl ether	80 ug/mL
							4-Chloro-3-methylphenol	80 ug/mL
							4-Chloroaniline	80 ug/mL
							4-Chlorophenyl phenyl ether	80 ug/mL
							4-Methylphenol	80 ug/mL
							4-Nitroaniline	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrophenol	160 ug/mL
							Acenaphthene	80 ug/mL
							Acenaphthylene	80 ug/mL
							Acetophenone	80 ug/mL
							Aniline	80 ug/mL
							Anthracene	80 ug/mL
							Azobenzene	80 ug/mL
							Benzo[a]anthracene	80 ug/mL
							Benzo[a]pyrene	80 ug/mL
							Benzo[b]fluoranthene	80 ug/mL
							Benzo[g,h,i]perylene	80 ug/mL
							Benzo[k]fluoranthene	80 ug/mL
							Benzyl alcohol	80 ug/mL
							Bis(2-chloroethoxy)methane	80 ug/mL
							Bis(2-chloroethyl)ether	80 ug/mL
							Bis(2-ethylhexyl) phthalate	80 ug/mL
							Butyl benzyl phthalate	80 ug/mL
							Carbazole	80 ug/mL
							Chrysene	80 ug/mL
							Di-n-butyl phthalate	80 ug/mL
							Di-n-octyl phthalate	80 ug/mL
							Dibenz(a,h)anthracene	80 ug/mL
							Dibenzofuran	80 ug/mL
							Diethyl phthalate	80 ug/mL
							Dimethyl phthalate	80 ug/mL
							Fluoranthene	80 ug/mL
							Fluorene	80 ug/mL
							Hexachlorobenzene	80 ug/mL
							Hexachlorobutadiene	80 ug/mL
							Hexachlorocyclopentadiene	80 ug/mL
							Hexachloroethane	80 ug/mL
							Indeno[1,2,3-cd]pyrene	80 ug/mL
							Isophorone	80 ug/mL
							n-Decane	80 ug/mL
							N-Nitrosodi-n-propylamine	80 ug/mL
							N-Nitrosodimethylamine	80 ug/mL
							N-Nitrosodiphenylamine	80 ug/mL
							n-Octadecane	80 ug/mL
							Naphthalene	80 ug/mL
							Nitrobenzene	80 ug/mL
							Pentachlorophenol	160 ug/mL
							Phenanthrene	80 ug/mL
							Phenol	80 ug/mL
							Pyrene	80 ug/mL
							Pyridine	160 ug/mL
..SM-BenzAcid_00021	08/31/26		Restek, Lot A0222783		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00021	10/30/27		Agilent, Lot 0007778114		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_BNAL9_LVI_00008	03/28/26	03/19/25	MeCl2, Lot 1062005	10 mL	SV_BNA_L9_00007	2 mL	Benzoic acid	24 ug/mL
							2,4,6-Tribromophenol	10 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							1,3-Dimethylnaphthalene	24 ug/mL
							2-tertbutyl-4-methylphenol	24 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	24 ug/mL
							Carbamazepine	24 ug/mL
							Coumarin	24 ug/mL
							n,n'-Dimethylaniline	24 ug/mL
							N-Methylaniline	24 ug/mL
							Pentachloronitrobenzene	24 ug/mL
							Phenyl ether	24 ug/mL
							Bisphenol-A	24 ug/mL
							1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
							Atrazine	6.4 ug/mL
							Benzaldehyde	6.4 ug/mL
							Caprolactam	6.4 ug/mL
							3,3'-Dichlorobenzidine	24 ug/mL
							Benzidine	24 ug/mL
							1,1'-Biphenyl	24 ug/mL
							1,2,4,5-Tetrachlorobenzene	24 ug/mL
							1,2,4-Trichlorobenzene	24 ug/mL
							1,2-Dichlorobenzene	24 ug/mL
							1,2-Diphenylhydrazine	24 ug/mL
							1,3-Dichlorobenzene	24 ug/mL
							1,4-Dichlorobenzene	24 ug/mL
							1,4-Dioxane	24 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1-Methylnaphthalene	24 ug/mL
							2,2'-oxybis[1-chloropropane]	24 ug/mL
							2,3,4,6-Tetrachlorophenol	24 ug/mL
							2,4,5-Trichlorophenol	24 ug/mL
							2,4,6-Trichlorophenol	24 ug/mL
							2,4-Dichlorophenol	24 ug/mL
							2,4-Dimethylphenol	24 ug/mL
							2,4-Dinitrophenol	48 ug/mL
							2,4-Dinitrotoluene	24 ug/mL
							2,6-Dichlorophenol	24 ug/mL
							2,6-Dinitrotoluene	24 ug/mL
							2-Chloronaphthalene	24 ug/mL
							2-Chlorophenol	24 ug/mL
							2-Methylnaphthalene	24 ug/mL
							2-Methylphenol	24 ug/mL
							2-Nitroaniline	24 ug/mL
							2-Nitrophenol	24 ug/mL
							3 & 4 Methylphenol	24 ug/mL
							3-Nitroaniline	24 ug/mL
							4,6-Dinitro-2-methylphenol	48 ug/mL
							4-Bromophenyl phenyl ether	24 ug/mL
							4-Chloro-3-methylphenol	24 ug/mL
							4-Chloroaniline	24 ug/mL
							4-Chlorophenyl phenyl ether	24 ug/mL
							4-Methylphenol	24 ug/mL
							4-Nitroaniline	24 ug/mL
							4-Nitrophenol	48 ug/mL
							Acenaphthene	24 ug/mL
							Acenaphthylene	24 ug/mL
							Acetophenone	24 ug/mL
							Aniline	24 ug/mL
							Anthracene	24 ug/mL
							Azobenzene	24 ug/mL
							Benzo[a]anthracene	24 ug/mL
							Benzo[a]pyrene	24 ug/mL
							Benzo[b]fluoranthene	24 ug/mL
							Benzo[g,h,i]perylene	24 ug/mL
							Benzo[k]fluoranthene	24 ug/mL
							Benzyl alcohol	24 ug/mL
							Bis(2-chloroethoxy)methane	24 ug/mL
							Bis(2-chloroethyl)ether	24 ug/mL
							Bis(2-ethylhexyl) phthalate	24 ug/mL
							Butyl benzyl phthalate	24 ug/mL
							Carbazole	24 ug/mL
							Chrysene	24 ug/mL
							Di-n-butyl phthalate	24 ug/mL
							Di-n-octyl phthalate	24 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenz(a,h)anthracene	24 ug/mL
							Dibenzofuran	24 ug/mL
							Diethyl phthalate	24 ug/mL
							Dimethyl phthalate	24 ug/mL
							Fluoranthene	24 ug/mL
							Fluorene	24 ug/mL
							Hexachlorobenzene	24 ug/mL
							Hexachlorobutadiene	24 ug/mL
							Hexachlorocyclopentadiene	24 ug/mL
							Hexachloroethane	24 ug/mL
							Indeno[1,2,3-cd]pyrene	24 ug/mL
							Isophorone	24 ug/mL
							n-Decane	24 ug/mL
							N-Nitrosodi-n-propylamine	24 ug/mL
							N-Nitrosodimethylamine	24 ug/mL
							N-Nitrosodiphenylamine	24 ug/mL
							n-Octadecane	24 ug/mL
							Naphthalene	24 ug/mL
							Nitrobenzene	24 ug/mL
							Pentachlorophenol	48 ug/mL
							Phenanthrene	24 ug/mL
							Phenol	24 ug/mL
							Pyrene	24 ug/mL
							Pyridine	48 ug/mL
.SV_BNA_L9_00007	03/28/26	03/19/25	MeCl2, Lot 1062005	25 mL	SM-BenzAcid_00021	1500 uL	Benzoic acid	120 ug/mL
					SM_8270_surr_00015	250 uL	2,4,6-Tribromophenol	50 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol	50 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5	50 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
					SM_8270cusmix_00006	1500 uL	1,3-Dimethylnaphthalene	120 ug/mL
							2-tertbutyl-4-methylphenol	120 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	120 ug/mL
							Carbamazepine	120 ug/mL
							Coumarin	120 ug/mL
							n,n'-Dimethylaniline	120 ug/mL
							N-Methylaniline	120 ug/mL
							Pentachloronitrobenzene	120 ug/mL
							Phenyl ether	120 ug/mL
					SM_BPA_00021	3000 uL	Bisphenol-A	120 ug/mL
					SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SM_std #11BNA_00023	400 uL	Atrazine	32 ug/mL
							Benzaldehyde	32 ug/mL
							Caprolactam	32 ug/mL
					SM_std #9BNA_00025	1500 uL	3,3'-Dichlorobenzidine	120 ug/mL
							Benzidine	120 ug/mL
					SM_STD#1mega_00027	3000 uL	1,1'-Biphenyl	120 ug/mL
							1,2,4,5-Tetrachlorobenzene	120 ug/mL
							1,2,4-Trichlorobenzene	120 ug/mL
							1,2-Dichlorobenzene	120 ug/mL
							1,2-Diphenylhydrazine	120 ug/mL
							1,3-Dichlorobenzene	120 ug/mL
							1,4-Dichlorobenzene	120 ug/mL
							1,4-Dioxane	120 ug/mL
							1-Methylnaphthalene	120 ug/mL
							2,2'-oxybis[1-chloropropane]	120 ug/mL
							2,3,4,6-Tetrachlorophenol	120 ug/mL
							2,4,5-Trichlorophenol	120 ug/mL
							2,4,6-Trichlorophenol	120 ug/mL
							2,4-Dichlorophenol	120 ug/mL
							2,4-Dimethylphenol	120 ug/mL
							2,4-Dinitrophenol	240 ug/mL
							2,4-Dinitrotoluene	120 ug/mL
							2,6-Dichlorophenol	120 ug/mL
							2,6-Dinitrotoluene	120 ug/mL
							2-Chloronaphthalene	120 ug/mL
							2-Chlorophenol	120 ug/mL
							2-Methylnaphthalene	120 ug/mL
							2-Methylphenol	120 ug/mL
							2-Nitroaniline	120 ug/mL
							2-Nitrophenol	120 ug/mL
							3 & 4 Methylphenol	120 ug/mL
							3-Nitroaniline	120 ug/mL
							4,6-Dinitro-2-methylphenol	240 ug/mL
							4-Bromophenyl phenyl ether	120 ug/mL
							4-Chloro-3-methylphenol	120 ug/mL
							4-Chloroaniline	120 ug/mL
							4-Chlorophenyl phenyl ether	120 ug/mL
							4-Methylphenol	120 ug/mL
							4-Nitroaniline	120 ug/mL
							4-Nitrophenol	240 ug/mL
							Acenaphthene	120 ug/mL
							Acenaphthylene	120 ug/mL
							Acetophenone	120 ug/mL
							Aniline	120 ug/mL
							Anthracene	120 ug/mL
							Azobenzene	120 ug/mL
							Benzo[a]anthracene	120 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]pyrene	120 ug/mL
							Benzo[b]fluoranthene	120 ug/mL
							Benzo[g,h,i]perylene	120 ug/mL
							Benzo[k]fluoranthene	120 ug/mL
							Benzyl alcohol	120 ug/mL
							Bis(2-chloroethoxy)methane	120 ug/mL
							Bis(2-chloroethyl)ether	120 ug/mL
							Bis(2-ethylhexyl) phthalate	120 ug/mL
							Butyl benzyl phthalate	120 ug/mL
							Carbazole	120 ug/mL
							Chrysene	120 ug/mL
							Di-n-butyl phthalate	120 ug/mL
							Di-n-octyl phthalate	120 ug/mL
							Dibenz(a,h)anthracene	120 ug/mL
							Dibenzofuran	120 ug/mL
							Diethyl phthalate	120 ug/mL
							Dimethyl phthalate	120 ug/mL
							Fluoranthene	120 ug/mL
							Fluorene	120 ug/mL
							Hexachlorobenzene	120 ug/mL
							Hexachlorobutadiene	120 ug/mL
							Hexachlorocyclopentadiene	120 ug/mL
							Hexachloroethane	120 ug/mL
							Indeno[1,2,3-cd]pyrene	120 ug/mL
							Isophorone	120 ug/mL
							n-Decane	120 ug/mL
							N-Nitrosodi-n-propylamine	120 ug/mL
							N-Nitrosodimethylamine	120 ug/mL
							N-Nitrosodiphenylamine	120 ug/mL
							n-Octadecane	120 ug/mL
							Naphthalene	120 ug/mL
							Nitrobenzene	120 ug/mL
							Pentachlorophenol	240 ug/mL
							Phenanthrene	120 ug/mL
							Phenol	120 ug/mL
							Pyrene	120 ug/mL
							Pyridine	240 ug/mL
..SM-BenzAcid_00021	08/31/26		Restek, Lot A0222783		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SM_8270_surr_00015	12/31/26		Agilent, Lot 0006823184		(Purchased Reagent)		2,4,6-Tribromophenol	5000 ug/mL
							2-Fluorobiphenyl	5000 ug/mL
							2-Fluorophenol	5000 ug/mL
							Nitrobenzene-d5 (Surr)	5000 ug/mL
							Phenol-d5	5000 ug/mL
							Terphenyl-d14 (Surr)	5000 ug/mL
..SM_8270cusmix_00006	10/10/27		Agilent, Lot 0007762104		(Purchased Reagent)		1,3-Dimethylnaphthalene	2000 ug/mL
							2-tertbutyl-4-methylphenol	2000 ug/mL
							3,5-di-tert-butyl-4-hydroxytol	2000 ug/mL

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbamazepine	2000 ug/mL
							Coumarin	2000 ug/mL
							n,n'-Dimethylaniline	2000 ug/mL
							N-Methylaniline	2000 ug/mL
							Pentachloronitrobenzene	2000 ug/mL
							Phenyl ether	2000 ug/mL
..SM_BPA_00021	10/30/27		Agilent, Lot 0007778114		(Purchased Reagent)		Bisphenol-A	1000 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..SM_std #11BNA_00023	04/30/26		restek, Lot A0217501		(Purchased Reagent)		Atrazine	2000 ug/mL
							Benzaldehyde	2000 ug/mL
							Caprolactam	2000 ug/mL
..SM_std #9BNA_00025	11/30/26		restek, Lot A0222834		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..SM_STD#1mega_00027	04/30/26		RESTEK, Lot A0222830		(Purchased Reagent)		1,1'-Biphenyl	1000 ug/mL
							1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1,4-Dioxane	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	2000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	2000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Acetophenone	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Azobenzene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							n-Decane	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							n-Octadecane	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	2000 ug/mL
SV_ICV_ LVI_00012	08/29/25	08/29/24	MeCl2, Lot 1962006	10 mL	SV_BNA_ICV_00012	2 mL	1,4-Dichlorobenzene-d4	8 ug/mL
							Acenaphthene-d10	8 ug/mL
							Chrysene-d12	8 ug/mL
							Naphthalene-d8	8 ug/mL
							Perylene-d12	8 ug/mL
							Phenanthrene-d10	8 ug/mL
.SV_BNA_ICV_00012	08/29/25	08/29/24	MeCl2, Lot 1962006	25 mL	SM_ISTD_00197	500 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
..SM_ISTD_00197	10/31/26		Agilent, Lot 0006760251		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
SV_ICV_ LVI_00012	08/29/25	08/29/24	MeCl2, Lot 1962006	10 mL	SV_BNA_ICV_00012	2 mL	2-Methylnaphthalene	10 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Chrysene	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Naphthalene	10 ug/mL
							Phenanthrene	10 ug/mL
							Pyrene	10 ug/mL
.SV_BNA_ICV_00012	08/29/25	08/29/24	MeCl2, Lot 1962006	25 mL	SM_STD1meg2nd_00007	1250 uL	2-Methylnaphthalene	50 ug/mL
							Acenaphthene	50 ug/mL
							Acenaphthylene	50 ug/mL
							Anthracene	50 ug/mL
							Benzo[a]anthracene	50 ug/mL
							Benzo[a]pyrene	50 ug/mL
							Benzo[b]fluoranthene	50 ug/mL
							Benzo[g,h,i]perylene	50 ug/mL
							Benzo[k]fluoranthene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene	50 ug/mL
							Dibenz(a,h)anthracene	50 ug/mL
							Fluoranthene	50 ug/mL
							Fluorene	50 ug/mL
							Indeno[1,2,3-cd]pyrene	50 ug/mL
							Naphthalene	50 ug/mL
							Phenanthrene	50 ug/mL
							Pyrene	50 ug/mL
..SM_STD1meg2nd_00007	11/30/25		RESTEK, Lot A02010619		(Purchased Reagent)		2-Methylnaphthalene	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Chrysene	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Naphthalene	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Pyrene	1000 ug/mL

Reagent

1,4-Dioxane P_00001

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Certified Reference Material CRM

R 2596

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CERTIFIED WEIGHT REPORT

Part Number: 70373
Lot Number: 092724
Description: 1,4-Dioxane

Primary
Container # 12391162

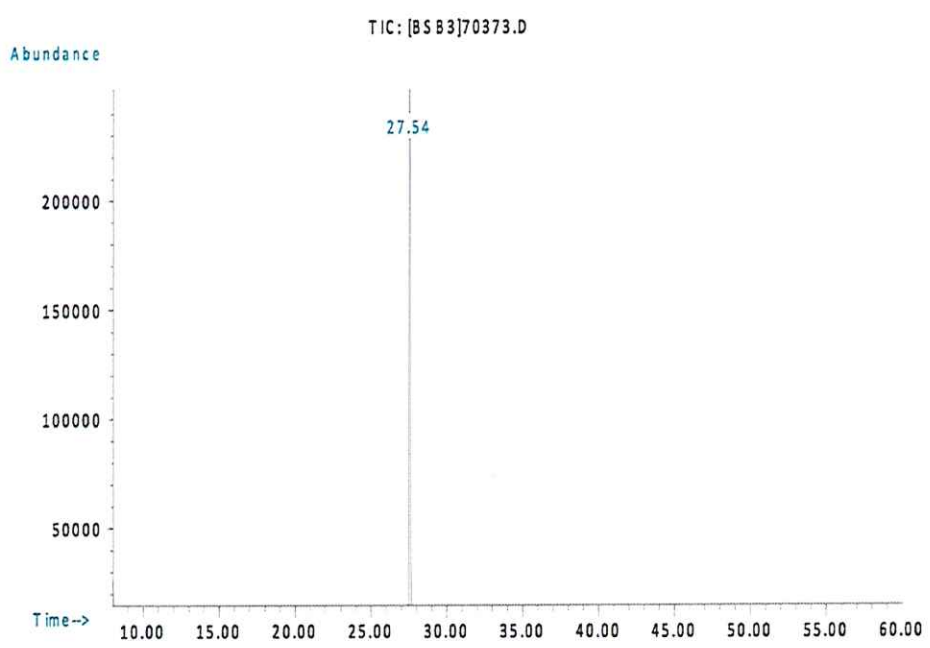
Solvent: Methanol **Lot#** EI863-US

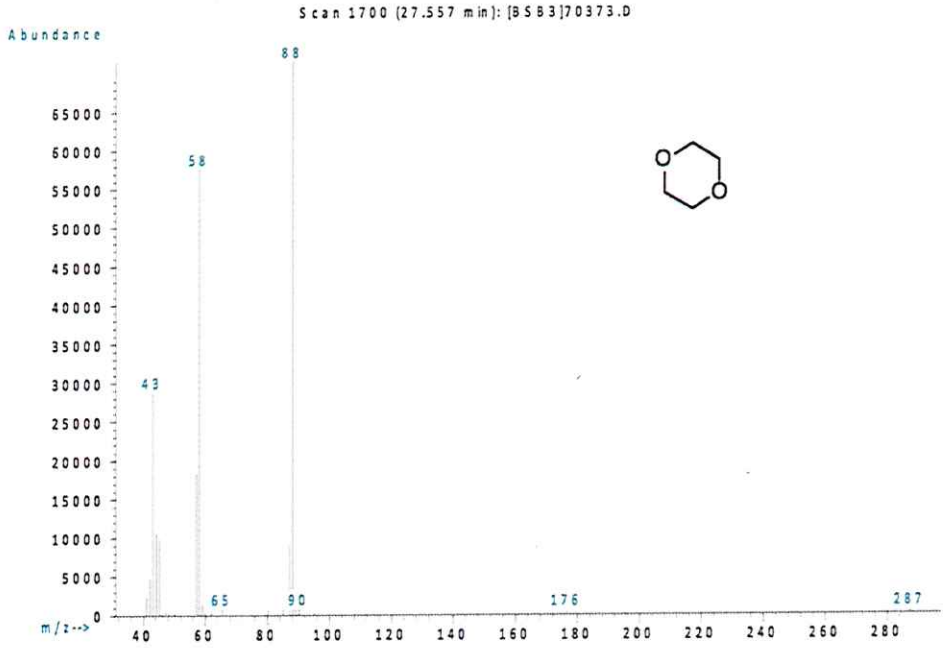
Expiration Date: 092729
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 200.0 0.002 Flask Uncertainty

Prashant Chauhan	092724	
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas	092724	
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 1,4-Dioxane	373	03853KE	1000	99	0.2	0.20200	0.20220	1001.0	4.1	123-91-1	25 ppm (90mg/m3/8H)(skin)	orl-mus 5700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness). Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. Analysis performed by Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

7 Freons_00008

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Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 65833
Lot Number: 040723
Description: Freon Standard Rev 1
7 components
Expiration Date: 040726
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EF282-USQ5

R2563
MS 12/10/24 #12227931

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Eli Aliaga	040723
Formulated By: Eli Aliaga	DATE
Pedro Rentas	040723
Reviewed By: Pedro L. Rentas	DATE

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Chlorodifluoromethane	33601	071422	0.10	10.00	0.042	20026.7	2002.2	18.7	75-45-6	1000 ppm(3500mg/m3/8H)	N/A
2.	Chloropentafluoroethane	34471	050719	0.10	10.00	0.042	20213.6	2020.9	18.9	76-15-3	N/A	N/A
3.	Chlorotrifluoroethene	33611	040523	0.20	20.00	0.003	10028.2	2005.1	8.2	79-38-9	N/A	N/A
4.	1,2-Dichlorotrifluoroethane	32641	080422	0.10	10.00	0.042	20020.4	2001.5	18.8	354-23-4	N/A	N/A
5.	2,2-Dichloro-1,1,1-trifluoroethane	33951	062022	0.10	10.00	0.042	20006.9	2000.2	18.7	306-83-2	N/A	N/A
6.	1,1-Difluoroethane	34411	121617	0.10	10.00	0.042	20009.4	2000.4	18.7	75-37-6	N/A	N/A
7.	1,2-Difluorotetrachloroethane	34481	102616	0.10	10.00	0.042	20010.7	2000.6	18.7	76-12-0	500 ppm	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

8260 SURR C_00069

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2603

MS 3/18/25 #12422898

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01 08/04/2025

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 1023 of 1312

Reagent

8260 SURR C_00070

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2609

MS 4130125 #12545026

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02
08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 567650 **Lot No.:** A0211048

Description : 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : May 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,502.2 µg/mL	+/- 140.5627
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,501.3 µg/mL	+/- 140.5094
3	Toluene-d8	2037-26-5	PR-34141	99%	2,502.8 µg/mL	+/- 140.5965
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,501.6 µg/mL	+/- 140.5262

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 312

Reagent

8260ISNEW_00210

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2592

MS 2/7/25 #12340821

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0217062

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,001.3 µg/mL	+/- 62.1141
2	2-Butanone-d5	24313-50-6	M-276	99%	1,250.9 µg/mL	+/- 15.5357
3	Fluorobenzene	462-06-6	BCBZ5549	99%	250.0 µg/mL	+/- 3.1065
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,004.3 µg/mL	+/- 62.1513
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	250.3 µg/mL	+/- 3.1102
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	250.7 µg/mL	+/- 3.1152

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)

CAS # 67-56-1/7732-18-5

Purity 99%

Reagent

8260ISNEW_00213

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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MS 4/25/25 R2607 #12531234

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568718 **Lot No.:** A0224544

Description : 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : April 30, 2030 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butyl-d9-alcohol	25725-11-5	HJ-479	99%	5,009.5 µg/mL	+/- 62.2159
2	2-Butanone-d5	24313-50-6	HJ-279	99%	1,250.3 µg/mL	+/- 15.5276
3	Fluorobenzene	462-06-6	BCBZ5549	99%	251.8 µg/mL	+/- 3.1282
4	1,4-Dioxane-d8	17647-74-4	RP240917A	99%	5,011.6 µg/mL	+/- 62.2423
5	Chlorobenzene-d5	3114-55-4	PR-31132	99%	251.8 µg/mL	+/- 3.1282
6	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	251.4 µg/mL	+/- 3.1236

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

ACROLEIN_00025

R2511

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 568720 **Lot No.:** A0209476

Description : 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acrolein	107-02-8	RP240118CTH	99%	19,917.5 µg/mL	+/- 585.1357

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Water
CAS # 7732-18-5
Purity 99%

Page 140 of 1312

Reagent

Acrylonitrile_00010

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Certified Reference Material CRM

ANAB ISO 17034 Accredited
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CERTIFIED WEIGHT REPORT

Part Number: 79007
Lot Number: 061523
Description: Acrylonitrile

Solvent: Methanol **Lot#** EE584-USQ7

R2520 MS 5/21/24 #11756671

Eli Aliaga	061523
Formulated By: Eli Aliaga	DATE
Pedro Rentas	061523
Reviewed By: Pedro L. Rentas	DATE

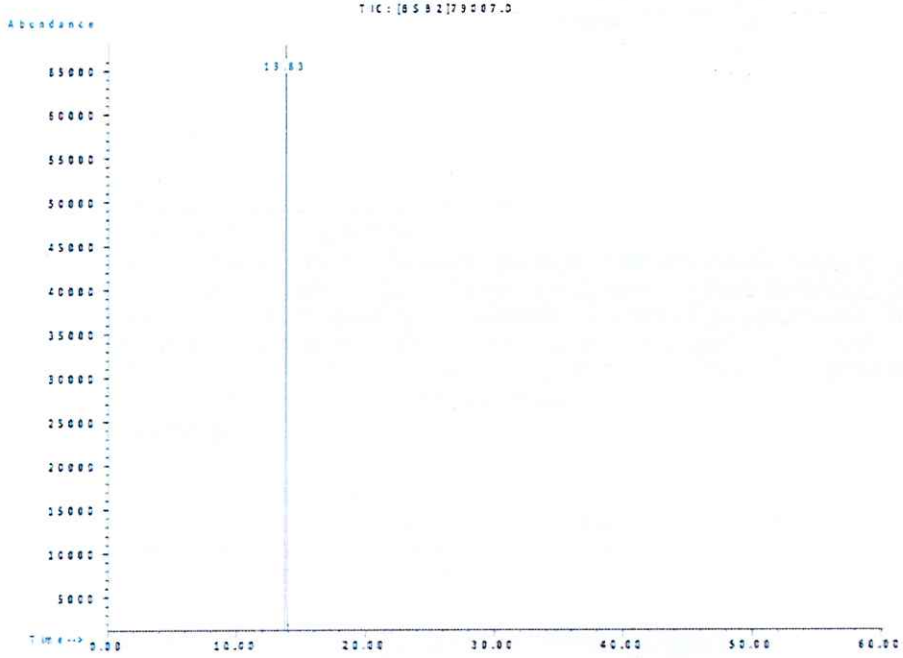
Expiration Date: 061526
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

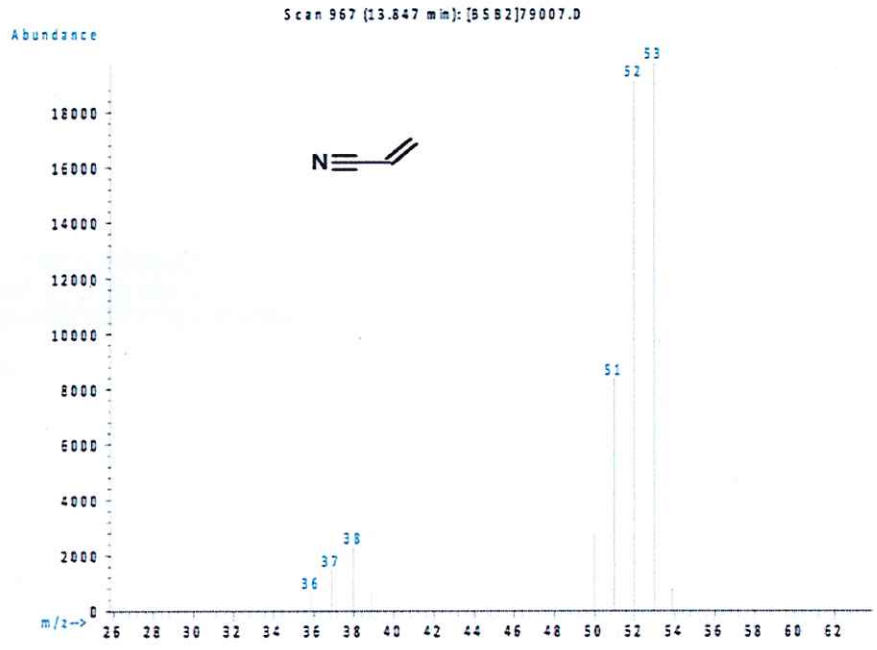
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 50.0

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrylonitrile	7	4718CK	1000	99	0.2	0.05054	0.05063	1001.9	4.5	107-13-1	N/A	orl-rat 78 mg/kg

Method: GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

EPICHLO(NEAT)_00001

R1584

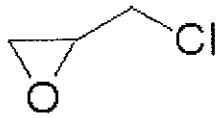
SIGMA-ALDRICH®

sigma-aldrich.com

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)



Product Number:	**45340**
Batch Number:	**SHBD0368V**
Brand:	FLUKA
CAS Number:	106-89-8
MDL Number:	MFCD00005132
Formula:	C3H5ClO
Formula Weight:	92.52 g/mol
Quality Release Date:	23 JAN 2013

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms
Color Test	≤ 20 APHA	< 10 APHA
Refractive index at 20 °C	1.437 - 1.439	1.438
Purity (GC)	≥ 99.0 %	99.9 %
Water (by Karl Fischer)	≤ 0.1 %	< 0.1 %

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

ETHANOL(new)_00026

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

R2582

MS 1/15/25 #12292276

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01
ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02
08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571994 **Lot No.:** A0220852

Description : 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethanol	64-17-5	SHBR7934	99%	100,059.0 µg/mL	+/- 1,244.6087

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Page 312

Reagent

Extra Cmpd_00025

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800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 98593
Lot Number: 010825
Description: VOC Standard 2015
14 components
Expiration Date: 010828
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-USQ6

R2581

MS 1/10/25 #12285003

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 75.0 0.021 Flask Uncertainty

Prashant Chauhan		010825
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		010825
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. n-Amyl acetate	1515	OGL01	2500	98	0.2	0.19133	0.19150	2502.3	10.4	628-63-7	100 ppm (525 mg/m3/8H)	orl-rbt 7400 mg/kg
2. tert-Amyl ethyl ether	2609	IKVYB-KF	2500	98	0.2	0.19133	0.19144	2501.5	10.4	919-94-8	N/A	inh-mus 81284mg/m3/15H
3. n-Butyl acrylate	1194	OGN01	2500	99	0.2	0.18939	0.18948	2501.1	10.3	141-32-2	10 ppm (55mg/m3/8H)	orl-rat 900mg/kg
4. Butyl methacrylate	1314	03220HG	2500	99	0.2	0.18939	0.18950	2501.4	10.3	97-88-1	N/A	orl-rat 18 g/kg
5. Cyclopentene	519	MKCL5160	2500	98.3	0.2	0.19074	0.19089	2501.9	10.4	142-29-0	N/A	orl-rat 1656mg/kg
6. 4-Ethyltoluene	1001	031097	2500	99	0.2	0.18939	0.18945	2500.7	10.3	622-96-8	N/A	N/A
7. Indan	955	06309PV	2500	96	0.2	0.19531	0.19545	2501.8	10.6	496-11-7	N/A	N/A
8. Isoprene	1541	SHBN7340	2500	99.7	0.2	0.18806	0.18825	2502.5	10.2	78-79-5	N/A	N/A
9. Isopropyl acetate	1106	MKCQ4616	2500	99.90	0.2	0.18769	0.18781	2501.6	10.2	108-21-4	250 ppm (950mg/m3)	orl-rbt 6946mg/kg
10. Methyl acrylate	1075	SHBK0679	2500	99.9	0.2	0.18769	0.18780	2501.5	10.2	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
11. n-Pentane	783	LX202310NP	**5000**	99.57	0.2	0.37662	0.37682	**5002.7**	20.3	109-66-0	600 ppm(1800mg/m3/8H)	ivn-mus 446mg/kg
12. Propyl acetate	1105	05017HY	2500	99	0.2	0.18939	0.18950	2501.4	10.3	109-60-4	200 ppm (840mg/m3)	orl-rat 9370mg/kg
13. 1,2,4,5-Tetramethylbenzene	1222	06310PW	2500	98	0.2	0.19133	0.19150	2502.3	10.4	95-93-2	N/A	orl-rat 6989mg/kg
14. 1,4-Diethylbenzene	949	OGE01	2500	98	0.2	0.19133	0.19148	2502.0	10.4	105-05-5	N/A	N/A

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Reagent

GASES C_00042

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MS 2/5/25 # 12335374

08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569722 **Lot No.:** A0211969

Description : 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,523.8 µg/mL	+/- 142.4301
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,527.3 µg/mL	+/- 142.5086
3	Vinyl chloride	75-01-4	00015559	99%	2,526.1 µg/mL	+/- 142.4075
4	1,3-Butadiene	106-99-0	00019375	99%	2,523.9 µg/mL	+/- 142.3851
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,520.8 µg/mL	+/- 142.6962
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,520.7 µg/mL	+/- 142.3441
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,524.5 µg/mL	+/- 141.8155
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,518.0 µg/mL	+/- 141.8687

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

KetonesC_00031

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Reagent

LIST2/STD6_00025

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1/31/25 MS R2587 #12323893

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570808 **Lot No.:** A0221376

Description : 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Propanol (isopropanol)	67-63-0	SHBS0800	99%	25,216.5 µg/mL	+/- 412.3381
2	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	S241007RSR	99%	2,520.0 µg/mL	+/- 41.2189
3	Methacrylonitrile	126-98-7	1012014	99%	25,138.0 µg/mL	+/- 411.0545
4	2,2,4-Trimethylpentane (isooctane)	540-84-1	SHBR4221	99%	2,522.5 µg/mL	+/- 41.2598
5	1-Butanol	71-36-3	101601K21K	99%	62,777.0 µg/mL	+/- 1,026.5175
6	2-Nitropropane	79-46-9	BCCB9352	97%	5,028.0 µg/mL	+/- 82.2174
7	1-Chlorohexane	544-10-5	BCBS3368V	99%	2,523.5 µg/mL	+/- 41.2761
8	1,2,3-Trimethylbenzene	526-73-8	8776.10-39	98%	2,506.4 µg/mL	+/- 40.9956
9	Benzyl chloride	100-44-7	MKCM5986	99%	2,518.0 µg/mL	+/- 41.1862
10	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	2,508.0 µg/mL	+/- 41.0226

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

LIST2/STD7_00027

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 570809 **Lot No.:** A0213624

Description : 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Ethyl acetate	141-78-6	SHBR4534	99%	5,029.0 µg/mL	+/- 173.8139
2	Ethyl acrylate	140-88-5	10129902	99%	2,508.5 µg/mL	+/- 86.7053
3	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,011.5 µg/mL	+/- 173.2091
4	Butyl acetate	123-86-4	SHBR2024	99%	2,508.5 µg/mL	+/- 86.7053

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Mega Mix SS_00022

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MS 8/20/24 # 11963397

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02
08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992.SEC **Lot No.:** A0195252

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7.SEC	F23X068	99%	2,516.7 µg/mL	+/- 86.9644
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1.SEC	18342	99%	2,520.0 µg/mL	+/- 87.0795
3	1,1-Dichloroethene	75-35-4.SEC	13896500	99%	2,525.0 µg/mL	+/- 87.2523
4	tert-Butanol (TBA)	75-65-0.SEC	DI34O	99%	25,129.5 µg/mL	+/- 868.3580
5	Methyl acetate	79-20-9.SEC	UCNEL	99%	5,029.0 µg/mL	+/- 173.7790
6	Iodomethane (methyl iodide)	74-88-4.SEC	Y25A027	99%	2,521.7 µg/mL	+/- 87.1371
7	Allyl chloride (3-chloropropene)	107-05-1.SEC	RD210329	99%	2,518.2 µg/mL	+/- 87.0162
8	Methylene chloride (dichloromethane)	75-09-2.SEC	FGM02	99%	2,516.7 µg/mL	+/- 86.9644
9	Carbon disulfide	75-15-0.SEC	MKBL1376V	99%	2,511.7 µg/mL	+/- 86.7916
10	Acrylonitrile	107-13-1.SEC	V54AD	99%	25,200.3 µg/mL	+/- 870.8057
11	Methyl-tert-butyl ether (MTBE)	1634-04-4.SEC	CDCQG	99%	2,517.3 µg/mL	+/- 86.9874
12	cis-1,2-Dichloroethene	156-59-2.SEC	YZO5O	99%	2,515.3 µg/mL	+/- 86.9183
13	n-Hexane (C6)	110-54-3.SEC	10188491	99%	2,514.7 µg/mL	+/- 86.8953
14	1,1-Dichloroethane	75-34-3.SEC	1026.30-3	98%	2,512.6 µg/mL	+/- 86.8223
15	2,2-Dichloropropane	594-20-7.SEC	GI01	99%	2,521.5 µg/mL	+/- 87.1314
16	trans-1,2-Dichloroethene	156-60-5.SEC	L5QOH	99%	2,525.0 µg/mL	+/- 87.2523

17	Isobutanol (2-Methyl-1-propanol)	78-83-1.SEC	PH2XK	99%	62,830.8	µg/mL	+/- 2,171.1398
18	Chloroform	67-66-3.SEC	1297547	99%	2,511.7	µg/mL	+/- 86.7916
19	Bromochloromethane	74-97-5 *	230206JLM	99%	2,515.7	µg/mL	+/- 86.9298
20	Tetrahydrofuran	109-99-9.SEC	3NYHE	99%	5,018.5	µg/mL	+/- 173.4162
21	1,1,1-Trichloroethane	71-55-6.SEC	13891800	99%	2,506.5	µg/mL	+/- 86.6130
22	Cyclohexane	110-82-7.SEC	YADRA	99%	2,523.3	µg/mL	+/- 87.1947
23	1,1-Dichloropropene	563-58-6.SEC	556500	99%	2,520.5	µg/mL	+/- 87.0968
24	Carbon tetrachloride	56-23-5.SEC	11466	99%	2,520.5	µg/mL	+/- 87.0968
25	n-Heptane (C7)	142-82-5.SEC	TFHUC	99%	2,516.5	µg/mL	+/- 86.9586
26	1,2-Dichloroethane	107-06-2.SEC	00016165	99%	2,519.8	µg/mL	+/- 87.0738
27	Benzene	71-43-2.SEC	101960P29K	99%	2,518.8	µg/mL	+/- 87.0392
28	Trichloroethene	79-01-6.SEC	H04X050	99%	2,524.3	µg/mL	+/- 87.2293
29	Methylcyclohexane	108-87-2.SEC	Q02QG	99%	2,515.8	µg/mL	+/- 86.9356
30	1,2-Dichloropropane	78-87-5.SEC	ERRBI-RH	99%	2,516.8	µg/mL	+/- 86.9701
31	1,4-Dioxane	123-91-1.SEC	QHRWO	99%	50,137.2	µg/mL	+/- 1,732.5061
32	Dibromomethane	74-95-3.SEC	MOKKJ	99%	2,516.3	µg/mL	+/- 86.9528
33	cis-1,3-Dichloropropene	10061-01-5.SEC	ZLXJ-TJ	99%	2,502.8	µg/mL	+/- 86.4863
34	Toluene	108-88-3.SEC	YND2B-BD	99%	2,522.2	µg/mL	+/- 87.1544
35	Ethyl methacrylate	97-63-2.SEC	AQSPO	99%	2,510.8	µg/mL	+/- 86.7628
36	trans-1,3-Dichloropropene	10061-02-6.SEC	DMSL	98%	2,517.1	µg/mL	+/- 86.9804
37	1,1,2-Trichloroethane	79-00-5.SEC	9245400	99%	2,512.2	µg/mL	+/- 86.8089
38	1,3-Dichloropropane	142-28-9.SEC	IQCON	99%	2,519.3	µg/mL	+/- 87.0565
39	Tetrachloroethene	127-18-4.SEC	F09W014	99%	2,521.3	µg/mL	+/- 87.1256
40	Dibromochloromethane	124-48-1.SEC	10234064	99%	2,517.5	µg/mL	+/- 86.9932
41	1,2-Dibromoethane (EDB)	106-93-4.SEC	050675P15E	99%	2,518.3	µg/mL	+/- 87.0220
42	Chlorobenzene	108-90-7.SEC	1161936	99%	2,515.8	µg/mL	+/- 86.9356
43	m-Xylene	108-38-3.SEC	7ZV6F	99%	1,255.3	µg/mL	+/- 43.3814
44	p-Xylene	106-42-3.SEC	D6UOA	99%	1,260.3	µg/mL	+/- 43.5541
45	Ethylbenzene	100-41-4.SEC	PI4SE	99%	2,517.7	µg/mL	+/- 86.9989
46	1,1,1,2-Tetrachloroethane	630-20-6.SEC	13789800	99%	2,517.5	µg/mL	+/- 86.9932
47	o-Xylene	95-47-6.SEC	UJ6RI	99%	2,515.8	µg/mL	+/- 86.9356
48	Styrene	100-42-5.SEC	QGQ7F	99%	2,521.3	µg/mL	+/- 87.1256
49	Isopropylbenzene (cumene)	98-82-8.SEC	7P24L	99%	2,515.0	µg/mL	+/- 86.9068
50	Bromoform	75-25-2.SEC	13723500	99%	2,522.5	µg/mL	+/- 87.1659
51	Bromodichloromethane	75-27-4.SEC	28128	99%	2,524.2	µg/mL	+/- 87.2235
52	1,1,2,2-Tetrachloroethane	79-34-5.SEC	BCCD5088	99%	2,523.7	µg/mL	+/- 87.2063

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53	1,2,3-Trichloropropane	96-18-4.SEC 6V2ED	99%	2,522.2	µg/mL	+/- 87.1544
54	trans-1,4-Dichloro-2-butene	110-57-6.SEC RD230316RSR	96%	2,517.0	µg/mL	+/- 86.9745
55	n-Propylbenzene	103-65-1.SEC XCGEC	99%	2,518.8	µg/mL	+/- 87.0392
56	Bromobenzene	108-86-1.SEC 2FUHG-EM	99%	2,518.3	µg/mL	+/- 87.0220
57	1,3,5-Trimethylbenzene	108-67-8.SEC GI2SM	99%	2,514.3	µg/mL	+/- 86.8837
58	2-Chlorotoluene	95-49-8.SEC BRHPM	99%	2,515.7	µg/mL	+/- 86.9298
59	4-Chlorotoluene	106-43-4.SEC S5SKD	99%	2,518.8	µg/mL	+/- 87.0392
60	tert-Butylbenzene	98-06-6.SEC D6OHC	99%	2,522.0	µg/mL	+/- 87.1487
61	1,2,4-Trimethylbenzene	95-63-6.SEC JHZDD	99%	2,517.3	µg/mL	+/- 86.9874
62	sec-Butylbenzene	135-98-8.SEC O4HRF	99%	2,522.0	µg/mL	+/- 87.1487
63	4-Isopropyltoluene (p-cymene)	99-87-6.SEC 13889300	98%	2,518.1	µg/mL	+/- 87.0142
64	1,3-Dichlorobenzene	541-73-1.SEC ZA2ZI	99%	2,515.0	µg/mL	+/- 86.9068
65	1,4-Dichlorobenzene	106-46-7.SEC J5GVD	99%	2,522.5	µg/mL	+/- 87.1659
66	n-Butylbenzene	104-51-8.SEC MMPGA	99%	2,523.7	µg/mL	+/- 87.2063
67	1,2-Dichlorobenzene	95-50-1.SEC R6QDM	99%	2,512.0	µg/mL	+/- 86.8031
68	1,2-Dibromo-3-chloropropane	96-12-8.SEC Q135-105	99%	2,517.7	µg/mL	+/- 86.9989
69	1,2,4-Trichlorobenzene	120-82-1.SEC IGLFA	99%	2,515.7	µg/mL	+/- 86.9298
70	Hexachlorobutadiene	87-68-3.SEC 13889400	97%	2,520.4	µg/mL	+/- 87.0928
71	Naphthalene	91-20-3.SEC AM5NG	99%	2,520.0	µg/mL	+/- 87.0795
72	1,2,3-Trichlorobenzene	87-61-6.SEC A0043055	99%	2,517.8	µg/mL	+/- 87.0047

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

08/04/2025
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Reagent

Mega Mix_00043

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

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53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/-	86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/-	86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/-	86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/-	86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/-	86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/-	86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/-	86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/-	86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/-	86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/-	86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/-	86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/-	86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/-	86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/-	86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/-	86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/-	86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/-	86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/-	86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/-	86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/-	86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

Mega Mix_00044

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

MS 5/13/25 R2613 # 12576993

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ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02
08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571992 **Lot No.:** A0203458

Description : 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Diethyl ether (ethyl ether)	60-29-7	SHBQ1495	99%	2,515.0 µg/mL	+/- 86.9068
2	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00016133	99%	2,518.8 µg/mL	+/- 87.0364
3	1,1-dichloroethene	75-35-4	SHBG8609V	99%	2,516.3 µg/mL	+/- 86.9500
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,095.0 µg/mL	+/- 867.1659
5	Methyl acetate	79-20-9	SHBP3100	99%	5,016.4 µg/mL	+/- 173.3427
6	Iodomethane (methyl iodide)	74-88-4	MKCN8012	99%	2,517.4 µg/mL	+/- 86.9888
7	Allyl chloride (3-chloropropene)	107-05-1	RD230914ECS	99%	2,515.9 µg/mL	+/- 86.9370
8	Methylene chloride (dichloromethane)	75-09-2	SHBQ6376	99%	2,513.8 µg/mL	+/- 86.8636
9	Carbon disulfide	75-15-0	Q30J743	99%	2,512.9 µg/mL	+/- 86.8333
10	Acrylonitrile	107-13-1	102466R02E	99%	25,031.9 µg/mL	+/- 864.9846
11	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBP0179	99%	2,513.8 µg/mL	+/- 86.8636
12	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	2,514.0 µg/mL	+/- 86.8722
13	n-Hexane (C6)	110-54-3	STBG6381	99%	2,520.3 µg/mL	+/- 87.0882
14	1,1-Dichloroethane	75-34-3	852900	99%	2,514.0 µg/mL	+/- 86.8722
15	2,2-Dichloropropane	594-20-7	RD230426	99%	2,521.3 µg/mL	+/- 87.1227
16	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	2,514.9 µg/mL	+/- 86.9025

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBP7066	99%	62,561.0	µg/mL	+/- 2,161.8157
18	chloroform	67-66-3	SHBN8469	99%	2,513.6	µg/mL	+/- 86.8593
19	Bromochloromethane	74-97-5	230810JLM	99%	2,513.5	µg/mL	+/- 86.8549
20	Tetrahydrofuran	109-99-9	SHBQ8516	99%	5,020.9	µg/mL	+/- 173.4982
21	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	2,513.5	µg/mL	+/- 86.8549
22	Cyclohexane	110-82-7	MKCQ2001	99%	2,513.5	µg/mL	+/- 86.8549
23	1,1-Dichloropropene	563-58-6	230825JLM	99%	2,514.3	µg/mL	+/- 86.8809
24	carbon tetrachloride	56-23-5	SHBP4875	99%	2,513.0	µg/mL	+/- 86.8377
25	n-Heptane (C7)	142-82-5	044743T01D	99%	2,515.4	µg/mL	+/- 86.9197
26	1,2-Dichloroethane	107-06-2	SHBQ0693	99%	2,513.5	µg/mL	+/- 86.8549
27	Benzene	71-43-2	MKCS3357	99%	2,513.4	µg/mL	+/- 86.8506
28	Trichloroethene	79-01-6	SHBN3720	99%	2,513.6	µg/mL	+/- 86.8593
29	Methylcyclohexane	108-87-2	SHBN1699	99%	2,514.8	µg/mL	+/- 86.8981
30	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	2,514.9	µg/mL	+/- 86.9025
31	1,4-Dioxane	123-91-1	SHBQ2407	99%	50,131.4	µg/mL	+/- 1,732.3059
32	Dibromomethane	74-95-3	10233302	99%	2,514.6	µg/mL	+/- 86.8938
33	cis-1,3-Dichloropropene	10061-01-5	RD230406RSR	99%	2,513.5	µg/mL	+/- 86.8549
34	Toluene	108-88-3	MKCS9989	99%	2,512.9	µg/mL	+/- 86.8333
35	Ethyl methacrylate	97-63-2	MKCN6206	97%	2,508.3	µg/mL	+/- 86.6752
36	trans-1,3-Dichloropropene	10061-02-6	RD220816	99%	2,512.9	µg/mL	+/- 86.8333
37	1,1,2-Trichloroethane	79-00-5	FGB01	99%	2,513.5	µg/mL	+/- 86.8549
38	1,3-Dichloropropane	142-28-9	BCCH5357	99%	2,514.1	µg/mL	+/- 86.8765
39	Tetrachloroethene	127-18-4	SHBQ0051	99%	2,514.0	µg/mL	+/- 86.8722
40	dibromochloromethane	124-48-1	MKCQ4517	99%	2,512.9	µg/mL	+/- 86.8333
41	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	2,515.0	µg/mL	+/- 86.9068
42	Chlorobenzene	108-90-7	SHBN6640	99%	2,515.0	µg/mL	+/- 86.9068
43	m-Xylene	108-38-3	SHBN6673	99%	1,254.8	µg/mL	+/- 43.3584
44	p-Xylene	106-42-3	SHBP5191	99%	1,257.0	µg/mL	+/- 43.4361
45	Ethylbenzene	100-41-4	094632L21G	99%	2,514.1	µg/mL	+/- 86.8765
46	1,1,1,2-Tetrachloroethane	630-20-6	GC01	99%	2,514.9	µg/mL	+/- 86.9025
47	o-Xylene	95-47-6	50069309	99%	2,514.0	µg/mL	+/- 86.8722
48	Styrene	100-42-5	MKCQ3390	99%	2,514.0	µg/mL	+/- 86.8722
49	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	2,514.1	µg/mL	+/- 86.8765
50	bromoform	75-25-2	050494L04R	99%	2,515.3	µg/mL	+/- 86.9154
51	bromodichloromethane	75-27-4	MKCF8470	99%	2,512.5	µg/mL	+/- 86.8204
52	1,1,2,2-Tetrachloroethane	79-34-5	QQJ41	99%	2,515.3	µg/mL	+/- 86.9154

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53	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	2,513.5	µg/mL	+/- 86.8534
54	trans-1,4-dichloro-2-butene	110-57-6	RD230720RSR	94%	2,504.7	µg/mL	+/- 86.5525
55	n-Propylbenzene	103-65-1	G08M	98%	2,511.4	µg/mL	+/- 86.7814
56	Bromobenzene	108-86-1	MKCQ7174	99%	2,514.8	µg/mL	+/- 86.8981
57	1,3,5-Trimethylbenzene	108-67-8	BCCF4166	99%	2,513.8	µg/mL	+/- 86.8636
58	2-Chlorotoluene	95-49-8	235783M23T	99%	2,514.8	µg/mL	+/- 86.8981
59	4-Chlorotoluene	106-43-4	BCCG9286	99%	2,514.9	µg/mL	+/- 86.9025
60	tert-Butylbenzene	98-06-6	STBJ1937	99%	2,514.0	µg/mL	+/- 86.8722
61	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	2,515.9	µg/mL	+/- 86.9370
62	sec-Butylbenzene	135-98-8	MKCP2266	99%	2,515.3	µg/mL	+/- 86.9154
63	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCR6143	99%	2,514.9	µg/mL	+/- 86.9025
64	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,515.3	µg/mL	+/- 86.9154
65	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,514.9	µg/mL	+/- 86.9025
66	n-Butylbenzene	104-51-8	09418JJ	99%	2,514.5	µg/mL	+/- 86.8895
67	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	2,514.3	µg/mL	+/- 86.8809
68	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	2,510.4	µg/mL	+/- 86.7464
69	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	2,514.9	µg/mL	+/- 86.9025
70	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	2,510.0	µg/mL	+/- 86.7349
71	Naphthalene	91-20-3	STBL1057	99%	2,514.3	µg/mL	+/- 86.8809
72	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	2,514.1	µg/mL	+/- 86.8765

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

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Reagent

OP_MEGA_2017_00016

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CERTIFIED REFERENCE MATERIAL

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571995.SEC **Lot No.:** A02010619

Description : 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Carcinogen/reproductive toxin. Photosensitive. Sonicate.

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	1,4-Dioxane **CAS #** 123-91-1.SEC (Lot MUFZH) **Purity** 99%	1,000.0 µg/mL	+/- 5.8275 µg/mL +/- 11.9606 µg/mL +/- 19.0288 µg/mL	Gravimetric Unstressed Stressed
2	N-Nitrosodimethylamine **CAS #** 62-75-9.SEC (Lot 61H72) **Purity** 99%	1,000.0 µg/mL	+/- 5.8275 µg/mL +/- 11.9606 µg/mL +/- 19.0288 µg/mL	Gravimetric Unstressed Stressed
3	Pyridine **CAS #** 110-86-1.SEC (Lot QN8DK) **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 µg/mL +/- 23.9081 µg/mL +/- 38.0494 µg/mL	Gravimetric Unstressed Stressed
4	Phenol **CAS #** 108-95-2.SEC (Lot EDPYN) **Purity** 99%	1,000.6 µg/mL	+/- 5.8310 µg/mL +/- 11.9678 µg/mL +/- 19.0402 µg/mL	Gravimetric Unstressed Stressed
5	Aniline **CAS #** 62-53-3.SEC (Lot ZCD3N) **Purity** 99%	1,000.4 µg/mL	+/- 5.8299 µg/mL +/- 11.9654 µg/mL +/- 19.0364 µg/mL	Gravimetric Unstressed Stressed
6	Bis(2-chloroethyl)ether **CAS #** 111-44-4.SEC (Lot FA010143) **Purity** 99%	1,000.6 µg/mL	+/- 5.8310 µg/mL +/- 11.9678 µg/mL +/- 19.0402 µg/mL	Gravimetric Unstressed Stressed
7	n-Decane (C10) **CAS #** 124-18-5.SEC (Lot UCVNN) **Purity** 99%	1,000.0 µg/mL	+/- 5.8275 µg/mL +/- 11.9606 µg/mL +/- 19.0288 µg/mL	Gravimetric Unstressed Stressed

8	2-Chlorophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 95-57-8.SEC	(Lot GJ01)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
9	1,3-Dichlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 541-73-1.SEC	(Lot FMDFD)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
10	1,4-Dichlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 106-46-7.SEC	(Lot 4Y5DC)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
11	Benzyl alcohol		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 100-51-6.SEC	(Lot QZBUO)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
12	1,2-Dichlorobenzene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 95-50-1.SEC	(Lot R6QDM)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
13	2-Methylphenol (o-cresol)		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 95-48-7.SEC	(Lot NC7HL)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
14	2,2'-oxybis(1-chloropropane)		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 108-60-1.SEC	(Lot 2-KMW-57-8)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
15	Acetophenone		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 98-86-2.SEC	(Lot NSGTI)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
16	3-Methylphenol (m-cresol)		500.0	µg/mL	+/-	2.9138	µg/mL	Gravimetric
	CAS # 108-39-4.SEC	(Lot 6LHTM)			+/-	5.9803	µg/mL	Unstressed
	Purity 99%				+/-	9.5144	µg/mL	Stressed
17	4-Methylphenol (p-cresol)		501.0	µg/mL	+/-	2.9196	µg/mL	Gravimetric
	CAS # 106-44-5.SEC	(Lot 65S2E)			+/-	5.9923	µg/mL	Unstressed
	Purity 99%				+/-	9.5334	µg/mL	Stressed
18	N-Nitroso-di-n-propylamine		1,001.4	µg/mL	+/-	5.8357	µg/mL	Gravimetric
	CAS # 621-64-7.SEC	(Lot 4423200)			+/-	11.9773	µg/mL	Unstressed
	Purity 99%				+/-	19.0555	µg/mL	Stressed
19	Hexachloroethane		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 67-72-1.SEC	(Lot 10173016)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
20	Nitrobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 98-95-3.SEC	(Lot FLYIG)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
21	Isophorone		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 78-59-1.SEC	(Lot XHGJI)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
22	2-Nitrophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 88-75-5.SEC	(Lot GXJ7J)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
23	2,4-Dimethylphenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 105-67-9.SEC	(Lot MKBL3650V)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed

24	Bis(2-chloroethoxy)methane		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 111-91-1 *	(Lot 5670100)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
25	2,4-Dichlorophenol		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 120-83-2.SEC	(Lot FHM01)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
26	1,2,4-Trichlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 120-82-1.SEC	(Lot OGO01)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
27	Naphthalene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 91-20-3.SEC	(Lot SKZ5N)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
28	2,6-Dichlorophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 87-65-0.SEC	(Lot SIDBB)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
29	4-Chloroaniline		1,000.2	µg/mL	+/-	5.8287	µg/mL	Gravimetric
	CAS # 106-47-8.SEC	(Lot 10171860)			+/-	11.9630	µg/mL	Unstressed
	Purity 99%				+/-	19.0326	µg/mL	Stressed
30	Hexachlorobutadiene		1,000.5	µg/mL	+/-	5.8302	µg/mL	Gravimetric
	CAS # 87-68-3.SEC	(Lot 1068200)			+/-	11.9661	µg/mL	Unstressed
	Purity 97%				+/-	19.0375	µg/mL	Stressed
31	4-Chloro-3-methylphenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 59-50-7.SEC	(Lot FDO02)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
32	2-Methylnaphthalene		1,000.8	µg/mL	+/-	5.8320	µg/mL	Gravimetric
	CAS # 91-57-6.SEC	(Lot 76023-1)			+/-	11.9699	µg/mL	Unstressed
	Purity 98%				+/-	19.0436	µg/mL	Stressed
33	1-Methylnaphthalene		1,000.1	µg/mL	+/-	5.8279	µg/mL	Gravimetric
	CAS # 90-12-0.SEC	(Lot UATSA)			+/-	11.9614	µg/mL	Unstressed
	Purity 97%				+/-	19.0302	µg/mL	Stressed
34	1,2,4,5-Tetrachlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 95-94-3.SEC	(Lot AF02)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
35	Hexachlorocyclopentadiene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 77-47-4.SEC	(Lot 5608400)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
36	2,4,6-Trichlorophenol		1,000.6	µg/mL	+/-	5.8309	µg/mL	Gravimetric
	CAS # 88-06-2.SEC	(Lot UUMYM)			+/-	11.9675	µg/mL	Unstressed
	Purity 98%				+/-	19.0399	µg/mL	Stressed
37	2,4,5-Trichlorophenol		1,000.1	µg/mL	+/-	5.8279	µg/mL	Gravimetric
	CAS # 95-95-4.SEC	(Lot MKBQ9937V)			+/-	11.9614	µg/mL	Unstressed
	Purity 97%				+/-	19.0302	µg/mL	Stressed
38	2-Chloronaphthalene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 91-58-7.SEC	(Lot LC07783V)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
39	Biphenyl		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 92-52-4.SEC	(Lot 33OQE)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed

40	2-Nitroaniline		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 88-74-4.SEC	(Lot T6E7B)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
41	Acenaphthylene		999.9	µg/mL	+/-	5.8271	µg/mL	Gravimetric
	CAS # 208-96-8.SEC	(Lot 0012014)			+/-	11.9598	µg/mL	Unstressed
	Purity 96%				+/-	19.0276	µg/mL	Stressed
42	1,3-Dinitrobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 99-65-0.SEC	(Lot 3XXLB)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
43	Dimethylphthalate		1,002.0	µg/mL	+/-	5.8392	µg/mL	Gravimetric
	CAS # 131-11-3.SEC	(Lot 483WC)			+/-	11.9845	µg/mL	Unstressed
	Purity 99%				+/-	19.0669	µg/mL	Stressed
44	2,6-Dinitrotoluene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 606-20-2.SEC	(Lot GE01)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
45	3-Nitroaniline		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 99-09-2.SEC	(Lot FGN03)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
46	Acenaphthene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 83-32-9.SEC	(Lot BWZJE)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
47	2,4-Dinitrophenol		2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 51-28-5.SEC	(Lot YTR6B)			+/-	23.9081	µg/mL	Unstressed
	Purity 99%				+/-	38.0494	µg/mL	Stressed
48	Dibenzofuran		1,000.8	µg/mL	+/-	5.8322	µg/mL	Gravimetric
	CAS # 132-64-9.SEC	(Lot 27ZGC)			+/-	11.9702	µg/mL	Unstressed
	Purity 99%				+/-	19.0440	µg/mL	Stressed
49	4-Nitrophenol		2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 100-02-7.SEC	(Lot 2J5LB)			+/-	23.9081	µg/mL	Unstressed
	Purity 99%				+/-	38.0494	µg/mL	Stressed
50	2,4-Dinitrotoluene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 121-14-2.SEC	(Lot SHRSA)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
51	2,3,4,6-Tetrachlorophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 58-90-2.SEC	(Lot LC19623V)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
52	Fluorene		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 86-73-7.SEC	(Lot 5027400)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
53	n-Hexadecane (C16)		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 544-76-3.SEC	(Lot A0328141)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
54	Diethylphthalate		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 84-66-2.SEC	(Lot UMBJC)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
55	4-Chlorophenyl phenyl ether		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 7005-72-3.SEC	(Lot P31G)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed

56	4-Nitroaniline		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 100-01-6.SEC	(Lot 5ITRC)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
57	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)		2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 534-52-1.SEC	(Lot 6333400)			+/-	23.9081	µg/mL	Unstressed
	Purity 99%				+/-	38.0494	µg/mL	Stressed
58	Diphenylamine		850.0	µg/mL	+/-	4.9534	µg/mL	Gravimetric
	CAS # 122-39-4.SEC	(Lot 10164691)			+/-	10.1665	µg/mL	Unstressed
	Purity 99%				+/-	16.1745	µg/mL	Stressed
59	Azobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 103-33-3.SEC	(Lot JUWAG)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
60	4-Bromophenyl phenyl ether		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 101-55-3.SEC	(Lot 84C6D)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
61	Hexachlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 118-74-1.SEC	(Lot G120431)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
62	Pentachlorophenol		2,000.4	µg/mL	+/-	11.6305	µg/mL	Gravimetric
	CAS # 87-86-5.SEC	(Lot 5784900)			+/-	23.9129	µg/mL	Unstressed
	Purity 99%				+/-	38.0570	µg/mL	Stressed
63	n-Octadecane (C18)		1,001.0	µg/mL	+/-	5.8333	µg/mL	Gravimetric
	CAS # 593-45-3.SEC	(Lot G14U045)			+/-	11.9726	µg/mL	Unstressed
	Purity 99%				+/-	19.0478	µg/mL	Stressed
64	Phenanthrene		1,002.0	µg/mL	+/-	5.8389	µg/mL	Gravimetric
	CAS # 85-01-8.SEC	(Lot 4708400)			+/-	11.9839	µg/mL	Unstressed
	Purity 98%				+/-	19.0660	µg/mL	Stressed
65	Anthracene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 120-12-7.SEC	(Lot WDFNJ)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
66	Carbazole		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 86-74-8.SEC	(Lot LMIZB)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
67	Di-n-butylphthalate		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 84-74-2.SEC	(Lot 42FSG)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
68	Fluoranthene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 206-44-0.SEC	(Lot FREGF)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
69	Pyrene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 129-00-0.SEC	(Lot ROVJC)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
70	Benzyl butyl phthalate		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 85-68-7.SEC	(Lot GX3GL)			+/-	11.9605	µg/mL	Unstressed
	Purity 98%				+/-	19.0287	µg/mL	Stressed
71	Benz(a)anthracene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 56-55-3.SEC	(Lot MTENF)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed

72	chrysene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 218-01-9.SEC	(Lot NICZC)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
73	Bis(2-ethylhexyl)phthalate		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 117-81-7.SEC	(Lot MT8AG)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
74	Di-n-octyl phthalate		1,000.8	µg/mL	+/-	5.8322	µg/mL	Gravimetric
	CAS # 117-84-0.SEC	(Lot O8DLD)			+/-	11.9702	µg/mL	Unstressed
	Purity 99%				+/-	19.0440	µg/mL	Stressed
75	Benzo(b)fluoranthene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 205-99-2.SEC	(Lot 022011)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
76	Benzo(k)fluoranthene		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 207-08-9.SEC	(Lot ER041513-01)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
77	Benzo(a)pyrene		1,000.5	µg/mL	+/-	5.8302	µg/mL	Gravimetric
	CAS # 50-32-8.SEC	(Lot M8DFD)			+/-	11.9661	µg/mL	Unstressed
	Purity 97%				+/-	19.0375	µg/mL	Stressed
78	Indeno(1,2,3-cd)pyrene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 193-39-5.SEC	(Lot 0012014)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
79	Dibenz(a,h)anthracene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 53-70-3.SEC	(Lot 0012011)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
80	Benzo(g,h,i)perylene		1,000.1	µg/mL	+/-	5.8279	µg/mL	Gravimetric
	CAS # 191-24-2.SEC	(Lot 0022012)			+/-	11.9614	µg/mL	Unstressed
	Purity 97%				+/-	19.0302	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Specific Reference Material Notes:

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

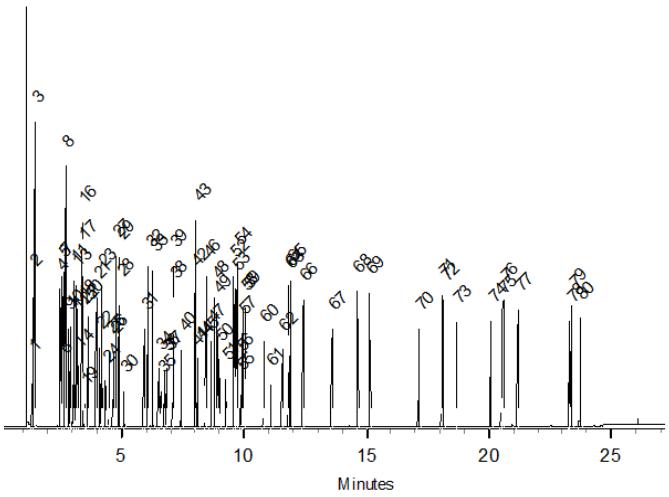
Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Date Mixed: 28-Sep-2017 **Balance:** 1128342313

Justine Albertson - Operations Tech-ARM QC

Date Passed: 13-Oct-2017

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

OP_std #1_BNA_00015

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569730.SEC **Lot No.:** A020147867

Description : 8270 List 1 / Std #9

8270 List 1 / Std #9 2000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : September 30, 2025 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin.

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Benzidine	2,013.5 µg/mL	+/- 11.8163 µg/mL	Gravimetric
	CAS # 92-87-5.SEC (Lot 8616600)		+/- 24.1230 µg/mL	Unstressed
	Purity 99%		+/- 38.3399 µg/mL	Stressed
2	3,3'-Dichlorobenzidine	2,000.0 µg/mL	+/- 11.7371 µg/mL	Gravimetric
	CAS # 91-94-1.SEC (Lot 8490800)		+/- 23.9613 µg/mL	Unstressed
	Purity 99%		+/- 38.0829 µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

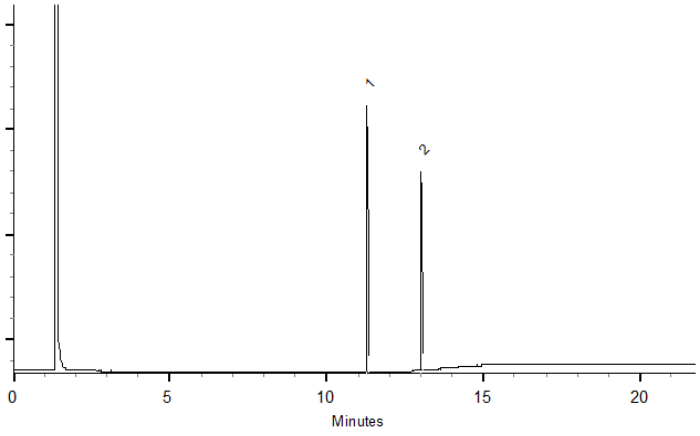
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brandon Reish - Mix Technician

Date Mixed: 26-Mar-2020 **Balance:** 1122030677

Justine Albertson - Operations Tech-ARM QC

Date Passed: 30-Mar-2020

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

POLAR ADD_00031

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

1/3/25 MS R2578 #12275363

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01 08/04/2025

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571993 **Lot No.:** A0210249

Description : 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	25,019.2 µg/mL	+/- 409.1119
2	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	2,512.4 µg/mL	+/- 41.0946
3	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	2,519.0 µg/mL	+/- 41.2024
4	Propionitrile	107-12-0	BCCH7430	99%	25,234.4 µg/mL	+/- 412.6308
5	tert-Amyl alcohol	75-85-4	STBK3485	99%	25,096.4 µg/mL	+/- 410.3743
6	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	2,517.2 µg/mL	+/- 41.1731

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Reagent

SM-BenzAcid_00021

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569731 **Lot No.:** A0222783

Description : 8270 List 1 / Std #10

8270 List 1 / Std #10 2,000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Indene	95-13-6	RD230927	99%	2,000.8 µg/mL	+/- 112.3981
2	Benzoic acid	65-85-0	MKCR2694	99%	2,002.8 µg/mL	+/- 112.5105

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

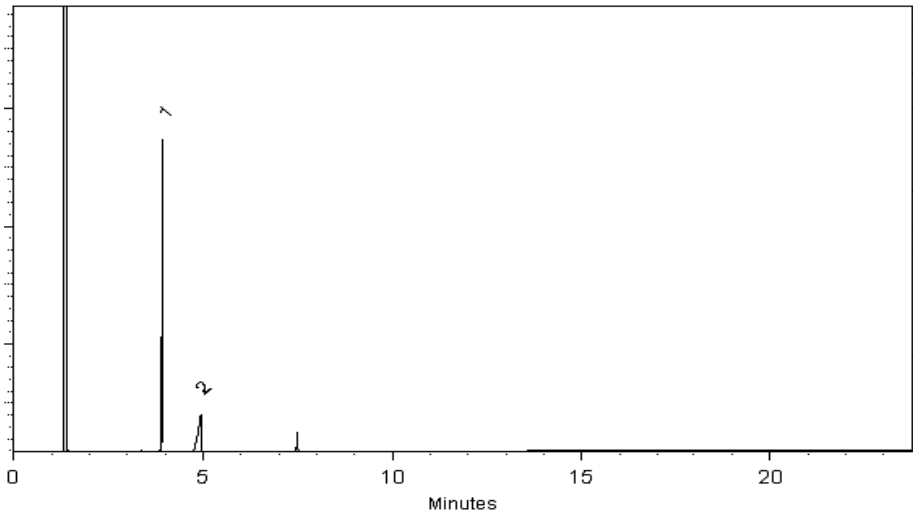
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 27-Feb-2025 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Mar-2025

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

SM_1,4-Dioxan_00017

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 1,4-Dioxane Standard
Product Number: NV-152-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 00067424517
Lot Issue Date: 12-Feb-2024
Expiration Date: 31-Mar-2028

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
1,4-dioxane	2006	±	10 µg/mL	000123-91-1	RM20283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent
Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO 17034
REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.1

ISO 17025

Reagent

SM_4,6-DC-10X_00003

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name: 2-Methyl-4,6-Dinitrophenol Standard
Product Number: PH-150-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006673574
Lot Issue Date: 13-Apr-2022
Expiration Date: 31-May-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
2-methyl-4,6-dinitrophenol	1003	± 5 µg/mL	000534-52-1	RM02292

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Reagent

SM_8270_surr_00015

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	8270 Surrogate Std - 6 at 5000ug/mL (5mL)	**Lot Number:**	0006823184
Product Number:	CUS-00004795	**Lot Issue Date:**	15-Nov-2024
Storage Conditions:	Store Refrigerated (2° to 8°C).	**Expiration Date:**	31-Dec-2026

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
2-fluorophenol	5015	±	25 µg/mL	000367-12-4	RM18822
phenol-d5	5019	±	25 µg/mL	004165-62-2	RM21937
nitrobenzene-d5	5010	±	25 µg/mL	004165-60-0	RM19321
2-fluorobiphenyl	5017	±	25 µg/mL	000321-60-8	RM20736
2,4,6-tribromophenol	5010	±	25 µg/mL	000118-79-6	RM10846
p-terphenyl-d14	5019	±	25 µg/mL	001718-51-0	RM15588

Matrix: methylene chloride (Burdick and Jackson)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

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Trusted Answers

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

Reagent

SM_8270cusmix_00006

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 8270 Custom Mix - 10 at 2000ug/mL (5mL)
Lot Number: 0007762104
Product Number: CUS-00003500
Lot Issue Date: 14-Oct-2024
Storage Conditions: Store Refrigerated (2° to 8°C).
Expiration Date: 10-Oct-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
1,3-dimethylnaphthalene	2007	±	10 µg/mL	000575-41-7	NT00962
BHT (2,6-di-tert-butyl-4-methylphenol)	2009	±	10 µg/mL	000128-37-0	NT02073
2-tert-butyl-p-cresol	2009	±	10 µg/mL	002409-55-4	RM15026-01
benzonitrile	2009	±	10 µg/mL	000100-47-0	RM15318
carbamazepin	2010	±	10 µg/mL	000298-46-4	RM05185
coumarin	2010	±	10 µg/mL	000091-64-5	RM01892
N-methylaniline	2009	±	10 µg/mL	000100-61-8	RM15275
pentachloronitrobenzene	2009	±	10 µg/mL	000082-68-8	RM12207
diphenyl ether	2009	±	10 µg/mL	000101-84-8	RM15316
N,N-dimethylaniline	2009	±	10 µg/mL	000121-69-7	RM15319

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

Reagent

SM_BPA_00021

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Bisphenol A Std - 1000ug/mL (5mL)
Product Number: CUS-00003804
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0007778114
Lot Issue Date: 13-Sep-2024
Expiration Date: 30-Oct-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
bisphenol A	1004	±	5 µg/mL	000080-05-7	RM14528-01

Matrix: methylene chloride (dichloromethane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

Reagent

SM_HexaCB_00015

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Bis(2-chloroethyl) Ether Standard
Product Number: EPA-1081-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006736401
Lot Issue Date: 22-Mar-2023
Expiration Date: 30-Apr-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
bis(2-chloroethyl) ether	5017	±	25 µg/mL	000111-44-4	RM15508

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Hexachlorobenzene Standard

Product Number: CH-151-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006683905

Lot Issue Date: 27-May-2022

Expiration Date: 30-Jun-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
hexachlorobenzene	100.2	± 0.5 µg/mL	000118-74-1	RM03125

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: N-Nitrosodimethylamine Standard

Product Number: NS-100-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006733950

Lot Issue Date: 09-Mar-2023

Expiration Date: 30-Apr-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
N-nitrosodimethylamine	100.3	±	0.5 µg/mL	000062-75-9	RM20316

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: N-Nitrosodimethylamine Standard

Product Number: NS-100-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006747589

Lot Issue Date: 09-Jun-2023

Expiration Date: 31-Jul-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
N-nitrosodimethylamine	100.3	±	0.5 µg/mL	000062-75-9	RM21283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
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ISO 17025
Cert No. AT-1937

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name: 2-Methyl-4,6-Dinitrophenol Standard
Product Number: PH-150-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006673574
Lot Issue Date: 13-Apr-2022
Expiration Date: 31-May-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
2-methyl-4,6-dinitrophenol	1003 ±	5 µg/mL	000534-52-1	RM02292

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
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Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
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Intended Use:
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Expiration of Certification:
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Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 1,4-Dioxane Standard

Product Number: NV-152-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006731455

Lot Issue Date: 22-Feb-2023

Expiration Date: 31-Mar-2025

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
1,4-dioxane	2006	±	10 µg/mL	000123-91-1	RM20283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
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Homogeneity:
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Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
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Expiration of Certification:
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Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Pentachlorophenol Standard

Product Number: PH-180-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006738469

Lot Issue Date: 05-Apr-2023

Expiration Date: 31-May-2027

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
pentachlorophenol	1002	± 5 µg/mL	000087-86-5	RM02474

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Reagent

SM_ISTD_00197

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 8270 Internal Std - 6 at 2000ug/mL (5mL)
Lot Number: 0006760251
Product Number: CUS-00004805
Lot Issue Date: 13-Sep-2023
Storage Conditions: Store at Room Temperature (15° to 30°C).
Expiration Date: 31-Oct-2026

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
acenaphthene-d10	2010	±	10 µg/mL	015067-26-2	RM18947
chrysene-d12	2008	±	10 µg/mL	001719-03-5	RM18746
1,4-dichlorobenzene-d4	2005	±	10 µg/mL	003855-82-1	RM19347
naphthalene-d8	2009	±	10 µg/mL	001146-65-2	RM19349
perylene-d12	2008	±	10 µg/mL	001520-96-3	RM19985
phenanthrene-d10	2005	±	10 µg/mL	001517-22-2	RM19350

Matrix: methylene chloride (dichloromethane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
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Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Reagent

SM_N-Nitro_00019

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Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Bis(2-chloroethyl) Ether Standard
Product Number: EPA-1081-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006736401
Lot Issue Date: 22-Mar-2023
Expiration Date: 30-Apr-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
bis(2-chloroethyl) ether	5017	±	25 µg/mL	000111-44-4	RM15508

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

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Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Hexachlorobenzene Standard

Product Number: CH-151-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006683905

Lot Issue Date: 27-May-2022

Expiration Date: 30-Jun-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
hexachlorobenzene	100.2	± 0.5 µg/mL	000118-74-1	RM03125

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
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Instructions for Use:
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Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

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Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: N-Nitrosodimethylamine Standard
Product Number: NS-100-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006733950
Lot Issue Date: 09-Mar-2023
Expiration Date: 30-Apr-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
N-nitrosodimethylamine	100.3	±	0.5 µg/mL	000062-75-9	RM20316

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

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Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: N-Nitrosodimethylamine Standard

Product Number: NS-100-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006747589

Lot Issue Date: 09-Jun-2023

Expiration Date: 31-Jul-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
N-nitrosodimethylamine	100.3	±	0.5 µg/mL	000062-75-9	RM21283

Matrix: methanol (methyl alcohol)

Description:
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Traceability:
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ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name: 2-Methyl-4,6-Dinitrophenol Standard
Product Number: PH-150-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006673574
Lot Issue Date: 13-Apr-2022
Expiration Date: 31-May-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
2-methyl-4,6-dinitrophenol	1003 ±	5 µg/mL	000534-52-1	RM02292

Matrix: methanol (methyl alcohol)

Description:
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Traceability:
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Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 1,4-Dioxane Standard

Product Number: NV-152-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006731455

Lot Issue Date: 22-Feb-2023

Expiration Date: 31-Mar-2025

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
1,4-dioxane	2006	±	10 µg/mL	000123-91-1	RM20283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

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Homogeneity:
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Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
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Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Pentachlorophenol Standard

Product Number: PH-180-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006738469

Lot Issue Date: 05-Apr-2023

Expiration Date: 31-May-2027

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
pentachlorophenol	1002 ±	5 µg/mL	000087-86-5	RM02474

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
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Safety:
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Intended Use:
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Reagent

SM_PAHmixS_00021

125 Market Street
New Haven, CT 06513
USA

AccuStandard® Inc.

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Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-610
Description: Polynuclear Aromatic Hydrocarbons Mix
Lot: 224061574
Solvent: Methanol (50%)
Dichloromethane (50%)
Hazards: *Refer to SDS for complete safety information*

Signal Word: Danger

Date Certified: Jun 27, 2024
Expiration: Jul 27, 2028
Sample Size: 1 mL
Components: 16
Storage Condition: Ambient (>5 °C)

Certified Reference Material

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-1463

ilac-MRA

Component	CAS #	Purity[3] %	Prepared Concentration[2] (µg/mL)	Certified Analyte Concentration[1] (µg/mL)
Acenaphthene	83-32-9	100.0	101.2	101.2
Acenaphthylene	208-96-8	98.2	101.9	100.1
Anthracene	120-12-7	98.1	100.2	98.3
Benz(a)anthracene	56-55-3	99.9	101.4	101.3
Benz[a]pyrene	50-32-8	100.0	101.8	101.8
Benzo(b)fluoranthene	205-99-2	99.9	101.0	100.9
Benzo(g,h,i)perylene	191-24-2	99.2	102.0	101.2
Benzo(k)fluoranthene	207-08-9	99.7	101.5	101.2
Chrysene	218-01-9	99.9	101.5	101.4
Dibenz(a,h)anthracene	53-70-3	100.0	100.8	100.8
Fluoranthene	206-44-0	98.6	101.2	99.8
Fluorene	86-73-7	98.1	100.5	98.6
Indeno(1,2,3-cd)pyrene	193-39-5	100.0	100.4	100.4
Naphthalene	91-20-3	100.0	101.5	101.5
Phenanthrene	85-01-8	98.7	101.6	100.3
Pyrene	129-00-0	98.0	100.8	98.8

This Certified Reference Material was verified in accordance with ISO/IEC 17025 (AT-1339) and ISO 17034 (AR-1463)

A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot number has had its expiration date extended and is identical to the same lot number without the suffix.

[1] Certified Analyte Concentration = Purity x Prepared Concentration.

The Uncertainty associated with the certified concentration reported on this certificate is ±2.4% and was determined in accordance with ISO 17034. This value is the combined expanded uncertainty and represents an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

[2] All weights are traceable through NIST, Test No. 684/291344-18 & 684/292805-19

[3] Purity/Identity determined by one or more of the following methods: GC/MS, LC/MS, NMR, FTIR, Melting Point.

Labels and certificates follow U.S. Conventions in reporting numerical values: A comma (,) is used to separate units of one-thousand or greater. A period (.) is used as a decimal place marker.

The information on this certificate may not be reproduced without the express permission of the manufacturer. See reverse side for additional information

Hazard Information: Please refer to the SDS for information regarding the hazards associated with using this material.

This product was prepared according to in-house procedures and is guaranteed to be homogeneous.

Certified By: Larry Decker, Organic QC Manager

For use in routine laboratory analysis.

AccuStandard is accredited to ISO 17034, ISO/IEC 17025 and certified to ISO 9001:2015

QR-ORG/INO-001
Rev. 5/18

1. **Quality Standards:**

   ISO 17034:2016 – General Requirements for the Competence of Reference Material Producers

   ISO/IEC 17025:2017 – General Requirements for the Competence of Testing And Calibration Laboratories

   ISO 9001:2015 – Quality Management System – Requirements Eagle Registrations

2. **Intended Use:** The product covered by this certificate is designed for calibration or for use in quality control procedures for the specified chemical compounds listed on the reverse side. This product can be used for quantification and/or identification. This product can also be used as a reference material to validate analytical procedures, subject to the conditions under Section 7.

3. **Manufacturing:** All balances are calibrated daily using an in-house procedure with weights that are compared annually to master weights and traceable to NIST. The balances are also calibrated annually by an ISO/IEC 17025 accredited calibration laboratory. Please refer to the NIST test number listed on the front of this certificate. Class A glassware is used in the manufacture and quality control of all standards. Good Laboratory Practices have been used throughout the preparation of this Standard.

4. **Homogeneity:** This product is sufficiently homogeneous and any sample size would be within the uncertainty budget.

5. **Stability:** The manufacturer guarantees the stability of this solution through the expiration date stated on the label, when handled and stored according to the conditions stated on the label

6. **Uncertainty:** The uncertainty values as stated on the face of this certificate have been determined using the EURACHEM/CITAC Guide. We report a combined expanded uncertainty equal to the positive square root of the total variance of the uncertainty of the components using the following formula: $u_a = \sqrt{(u(\mathrm{V}))^2 + (u(\mathrm{m}))^2 + (u(\mathrm{IV}))^2 + (u(\mathrm{RO}))^2}$ This formula represents uncertainty components from the mass, volume, short-term stability, long-term stability and homogeneity factors associated with the production of this product. The expanded uncertainty, assumes a normal distribution and a coverage factor of k=2 is chosen using approximately a 95% confidence level.

7. **Legal Notice and Limit of Liability:** This product is for routine laboratory analysis and research purposes only. The company's liability will be limited to replacement of product or refund of purchase price. Notice of claims must be made within thirty (30) days from date of delivery.

Reagent

SM_Penta_00014

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Bis(2-chloroethyl) Ether Standard

Product Number: EPA-1081-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006736401

Lot Issue Date: 22-Mar-2023

Expiration Date: 30-Apr-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
bis(2-chloroethyl) ether	5017	±	25 µg/mL	000111-44-4	RM15508

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Hexachlorobenzene Standard

Product Number: CH-151-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006683905

Lot Issue Date: 27-May-2022

Expiration Date: 30-Jun-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
hexachlorobenzene	100.2	± 0.5 µg/mL	000118-74-1	RM03125

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: N-Nitrosodimethylamine Standard

Product Number: NS-100-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006733950

Lot Issue Date: 09-Mar-2023

Expiration Date: 30-Apr-2027

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
N-nitrosodimethylamine	100.3	±	0.5 µg/mL	000062-75-9	RM20316

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

08/04/2025

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: N-Nitrosodimethylamine Standard

Product Number: NS-100-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006747589

Lot Issue Date: 09-Jun-2023

Expiration Date: 31-Jul-2027

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
N-nitrosodimethylamine	100.3	± 0.5 µg/mL	000062-75-9	RM21283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

ISO 17025
Cert No. AT-1937

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name: 2-Methyl-4,6-Dinitrophenol Standard
Product Number: PH-150-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006673574
Lot Issue Date: 13-Apr-2022
Expiration Date: 31-May-2026

Component Name	CERTIFIED VALUES Concentration	Expanded Uncertainty	CAS#	Analyte Lot
2-methyl-4,6-dinitrophenol	1003 ±	5 µg/mL	000534-52-1	RM02292

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

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Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: 1,4-Dioxane Standard

Product Number: NV-152-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006731455

Lot Issue Date: 22-Feb-2023

Expiration Date: 31-Mar-2025

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
1,4-dioxane	2006	±	10 µg/mL	000123-91-1	RM20283

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Pentachlorophenol Standard

Product Number: PH-180-1

Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006738469

Lot Issue Date: 05-Apr-2023

Expiration Date: 31-May-2027

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
pentachlorophenol	1002	± 5 µg/mL	000087-86-5	RM02474

Matrix: methanol (methyl alcohol)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

Reagent

SM_std #11BNA_00023

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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
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Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569732 **Lot No.:** A0217501

Description : 8270 List 1 / Std #11

8270 List 1 / Std #11 2,000µg/mL, Methylene chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : April 30, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RD231129RSRA	99%	2,010.8 µg/mL	+/- 59.0568
2	epsilon-Caprolactam	105-60-2	Y16H012	99%	2,016.3 µg/mL	+/- 59.2183
3	Atrazine	1912-24-9	5FYWL	99%	2,015.3 µg/mL	+/- 59.1901

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

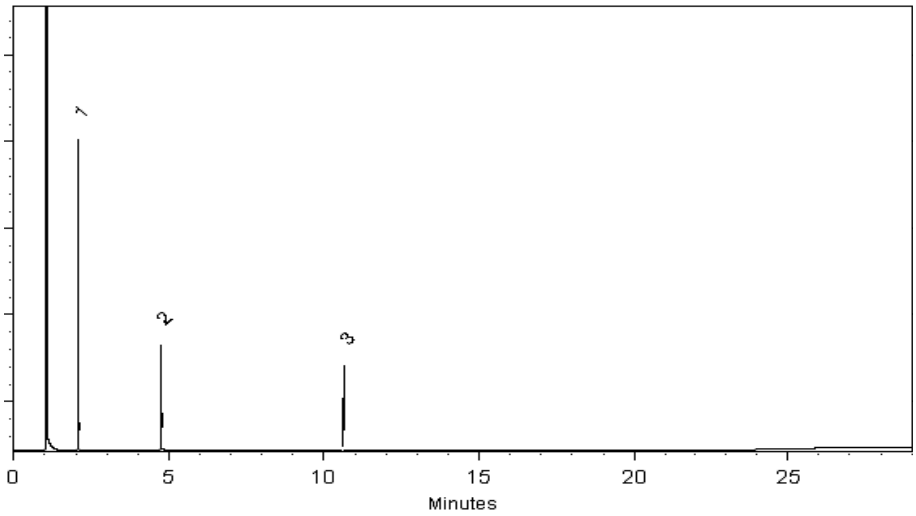
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 07-Oct-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Oct-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

SM_std #9BNA_00025

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569730 **Lot No.:** A0222834

Description : 8270 List 1 / Std #9

8270 List 1 / Std #9 2,000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : November 30, 2026 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzidine	92-87-5	S240206RSR	99%	2,003.9 µg/mL	+/- 37.0230
2	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	2,019.9 µg/mL	+/- 37.3187

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

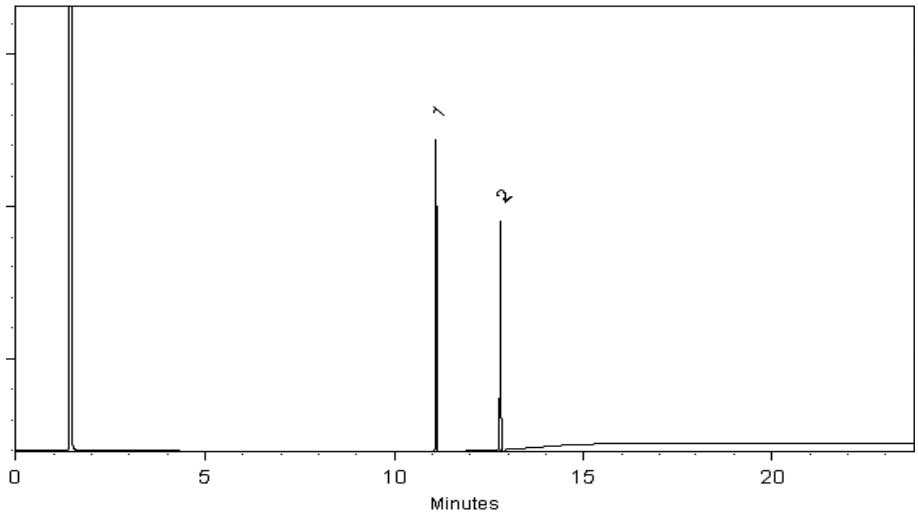
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 02-May-2024 **Balance Serial #** 1122030677

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 07-May-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

SM_STD#1mega_00027

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571995 **Lot No.:** A0222830

Description : 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000 µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Handling: Carcinogen/reproductive toxin. Photosensitive. Sonicate. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBR4317	99%	1,007.2 µg/mL	+/- 18.6087
2	N-Nitrosodimethylamine	62-75-9	S231113RSR	99%	1,002.8 µg/mL	+/- 18.5275
3	Pyridine	110-86-1	SHBR4811	99%	2,017.3 µg/mL	+/- 37.2711
4	Phenol	108-95-2	MKCK1120	99%	1,007.3 µg/mL	+/- 18.6106
5	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 18.5755
6	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.7 µg/mL	+/- 18.5441
7	n-Decane (C10)	124-18-5	SHBQ1342	99%	1,004.5 µg/mL	+/- 18.5589
8	2-Chlorophenol	95-57-8	STBJ3909	99%	1,002.2 µg/mL	+/- 18.5164
9	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,005.5 µg/mL	+/- 18.5773
10	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.7 µg/mL	+/- 18.5995
11	Benzyl alcohol	100-51-6	SHBK5469	99%	1,006.3 µg/mL	+/- 18.5921
12	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,008.4 µg/mL	+/- 18.6309
13	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,007.1 µg/mL	+/- 18.6069
14	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,003.0 µg/mL	+/- 18.5312
15	Acetophenone	98-86-2	STBH8205	99%	1,003.1 µg/mL	+/- 18.5330
16	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	501.5 µg/mL	+/- 9.2677

17	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	504.0	µg/mL	+/- 9.3139
18	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,001.0	µg/mL	+/- 18.4942
19	Hexachloroethane	67-72-1	DAXRI	99%	1,002.5	µg/mL	+/- 18.5219
20	Nitrobenzene	98-95-3	10224044	99%	1,001.2	µg/mL	+/- 18.4979
21	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 18.5607
22	2-Nitrophenol	88-75-5	RP230710	99%	1,001.7	µg/mL	+/- 18.5071
23	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,004.8	µg/mL	+/- 18.5644
24	Bis(2-chloroethoxy)methane	111-91-1	15174900	99%	1,007.1	µg/mL	+/- 18.6069
25	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 18.5626
26	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,003.4	µg/mL	+/- 18.5385
27	Naphthalene	91-20-3	STBL1057	99%	1,008.6	µg/mL	+/- 18.6346
28	2,6-Dichlorophenol	87-65-0	MKCS9444	99%	1,002.7	µg/mL	+/- 18.5256
29	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,002.6	µg/mL	+/- 18.5238
30	Hexachlorobutadiene	87-68-3	X05J	98%	1,001.8	µg/mL	+/- 18.5082
31	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,007.2	µg/mL	+/- 18.6087
32	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 18.4757
33	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 18.4756
34	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,002.5	µg/mL	+/- 18.5219
35	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.5	µg/mL	+/- 18.5027
36	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,007.8	µg/mL	+/- 18.6198
37	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,009.3	µg/mL	+/- 18.6473
38	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.0	µg/mL	+/- 18.5496
39	Biphenyl	92-52-4	MKCS5928	99%	1,007.2	µg/mL	+/- 18.6087
40	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,002.1	µg/mL	+/- 18.5145
41	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 18.4756
42	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,007.3	µg/mL	+/- 18.6106
43	Dimethylphthalate	131-11-3	358221L17K	99%	1,001.1	µg/mL	+/- 18.4960
44	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.3	µg/mL	+/- 18.5367
45	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,002.8	µg/mL	+/- 18.5275
46	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 18.4757
47	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	2,000.8	µg/mL	+/- 36.9662
48	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 18.5755
49	4-Nitrophenol	100-02-7	20241120-1-AN	99%	2,009.5	µg/mL	+/- 37.1270
50	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,001.9	µg/mL	+/- 18.5108
51	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.7	µg/mL	+/- 18.5810
52	Fluorene	86-73-7	10246250	98%	1,006.9	µg/mL	+/- 18.6023

53	n-Hexadecane (C16)	544-76-3	SHBR0669	99%	1,003.0	µg/mL	+/- 18.5312
54	Diethylphthalate	84-66-2	BCCJ6241	99%	1,007.4	µg/mL	+/- 18.6124
55	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,007.2	µg/mL	+/- 18.6087
56	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,006.2	µg/mL	+/- 18.5903
57	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	2,017.3	µg/mL	+/- 37.2711
58	Diphenylamine	122-39-4	MKCT1512	99%	853.6	µg/mL	+/- 15.7745
59	Azobenzene	103-33-3	BCCK0887	99%	1,002.3	µg/mL	+/- 18.5182
60	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,001.3	µg/mL	+/- 18.4997
61	Hexachlorobenzene	118-74-1	15458400	99%	1,002.2	µg/mL	+/- 18.5164
62	Pentachlorophenol	87-86-5	RP240517RSR	99%	2,005.4	µg/mL	+/- 37.0512
63	n-Octadecane (C18)	593-45-3	UE5NG	99%	1,002.5	µg/mL	+/- 18.5219
64	Phenanthrene	85-01-8	MKCT3391	99%	1,002.7	µg/mL	+/- 18.5256
65	Anthracene	120-12-7	101492T18R	99%	1,008.5	µg/mL	+/- 18.6328
66	Carbazole	86-74-8	14872900	99%	1,006.3	µg/mL	+/- 18.5921
67	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,003.5	µg/mL	+/- 18.5404
68	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.6	µg/mL	+/- 18.5422
69	Pyrene	129-00-0	BCCK2592	99%	1,003.7	µg/mL	+/- 18.5441
70	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,005.6	µg/mL	+/- 18.5792
71	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.8	µg/mL	+/- 18.5829
72	Chrysene	218-01-9	RP241007RSR	99%	1,002.8	µg/mL	+/- 18.5275
73	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,001.8	µg/mL	+/- 18.5090
74	Di-n-octyl phthalate	117-84-0	15566400	99%	1,004.8	µg/mL	+/- 18.5644
75	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,001.3	µg/mL	+/- 18.4997
76	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,001.0	µg/mL	+/- 18.4937
77	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,008.4	µg/mL	+/- 18.6313
78	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,005.8	µg/mL	+/- 18.5828
79	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,004.0	µg/mL	+/- 18.5496
80	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.9	µg/mL	+/- 18.5842

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Specific Reference Material Notes:

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.
This lot was approved even though the %D for 4,6-DN-2-MP was greater than 10%.

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

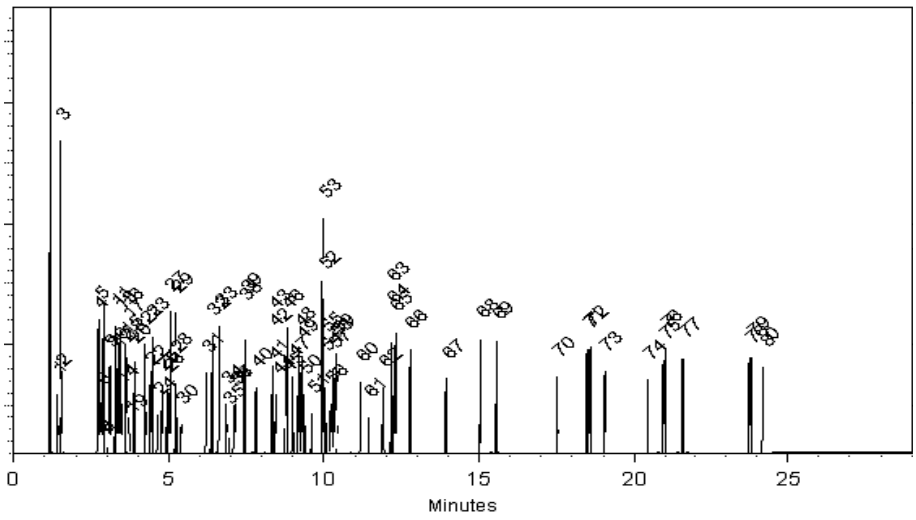
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 26-Nov-2024 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 17-Dec-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

SM_STD1meg2nd_00007

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 571995.SEC **Lot No.:** A02010619

Description : 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000µg/mL, Methylene chloride, 5mL/ampul

Container Size : 10 mL **Pkg Amt:** > 5 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Carcinogen/reproductive toxin. Photosensitive. Sonicate.

C E R T I F I E D V A L U E S

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	1,4-Dioxane **CAS #** 123-91-1.SEC (Lot MUFZH) **Purity** 99%	1,000.0 µg/mL	+/- 5.8275 µg/mL +/- 11.9606 µg/mL +/- 19.0288 µg/mL	Gravimetric Unstressed Stressed
2	N-Nitrosodimethylamine **CAS #** 62-75-9.SEC (Lot 61H72) **Purity** 99%	1,000.0 µg/mL	+/- 5.8275 µg/mL +/- 11.9606 µg/mL +/- 19.0288 µg/mL	Gravimetric Unstressed Stressed
3	Pyridine **CAS #** 110-86-1.SEC (Lot QN8DK) **Purity** 99%	2,000.0 µg/mL	+/- 11.6282 µg/mL +/- 23.9081 µg/mL +/- 38.0494 µg/mL	Gravimetric Unstressed Stressed
4	Phenol **CAS #** 108-95-2.SEC (Lot EDPYN) **Purity** 99%	1,000.6 µg/mL	+/- 5.8310 µg/mL +/- 11.9678 µg/mL +/- 19.0402 µg/mL	Gravimetric Unstressed Stressed
5	Aniline **CAS #** 62-53-3.SEC (Lot ZCD3N) **Purity** 99%	1,000.4 µg/mL	+/- 5.8299 µg/mL +/- 11.9654 µg/mL +/- 19.0364 µg/mL	Gravimetric Unstressed Stressed
6	Bis(2-chloroethyl)ether **CAS #** 111-44-4.SEC (Lot FA010143) **Purity** 99%	1,000.6 µg/mL	+/- 5.8310 µg/mL +/- 11.9678 µg/mL +/- 19.0402 µg/mL	Gravimetric Unstressed Stressed
7	n-Decane (C10) **CAS #** 124-18-5.SEC (Lot UCVNN) **Purity** 99%	1,000.0 µg/mL	+/- 5.8275 µg/mL +/- 11.9606 µg/mL +/- 19.0288 µg/mL	Gravimetric Unstressed Stressed

8	2-Chlorophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 95-57-8.SEC	(Lot GJ01)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
9	1,3-Dichlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 541-73-1.SEC	(Lot FMDFD)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
10	1,4-Dichlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 106-46-7.SEC	(Lot 4Y5DC)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
11	Benzyl alcohol		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 100-51-6.SEC	(Lot QZBUO)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
12	1,2-Dichlorobenzene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 95-50-1.SEC	(Lot R6QDM)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
13	2-Methylphenol (o-cresol)		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 95-48-7.SEC	(Lot NC7HL)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
14	2,2'-oxybis(1-chloropropane)		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 108-60-1.SEC	(Lot 2-KMW-57-8)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
15	Acetophenone		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 98-86-2.SEC	(Lot NSGTI)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
16	3-Methylphenol (m-cresol)		500.0	µg/mL	+/-	2.9138	µg/mL	Gravimetric
	CAS # 108-39-4.SEC	(Lot 6LHTM)			+/-	5.9803	µg/mL	Unstressed
	Purity 99%				+/-	9.5144	µg/mL	Stressed
17	4-Methylphenol (p-cresol)		501.0	µg/mL	+/-	2.9196	µg/mL	Gravimetric
	CAS # 106-44-5.SEC	(Lot 65S2E)			+/-	5.9923	µg/mL	Unstressed
	Purity 99%				+/-	9.5334	µg/mL	Stressed
18	N-Nitroso-di-n-propylamine		1,001.4	µg/mL	+/-	5.8357	µg/mL	Gravimetric
	CAS # 621-64-7.SEC	(Lot 4423200)			+/-	11.9773	µg/mL	Unstressed
	Purity 99%				+/-	19.0555	µg/mL	Stressed
19	Hexachloroethane		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 67-72-1.SEC	(Lot 10173016)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
20	Nitrobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 98-95-3.SEC	(Lot FLYIG)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
21	Isophorone		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 78-59-1.SEC	(Lot XHGJI)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
22	2-Nitrophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 88-75-5.SEC	(Lot GXJ7J)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
23	2,4-Dimethylphenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 105-67-9.SEC	(Lot MKBL3650V)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed

24	Bis(2-chloroethoxy)methane		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 111-91-1 *	(Lot 5670100)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
25	2,4-Dichlorophenol		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 120-83-2.SEC	(Lot FHM01)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
26	1,2,4-Trichlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 120-82-1.SEC	(Lot OGO01)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
27	Naphthalene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 91-20-3.SEC	(Lot SKZ5N)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
28	2,6-Dichlorophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 87-65-0.SEC	(Lot SIDBB)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
29	4-Chloroaniline		1,000.2	µg/mL	+/-	5.8287	µg/mL	Gravimetric
	CAS # 106-47-8.SEC	(Lot 10171860)			+/-	11.9630	µg/mL	Unstressed
	Purity 99%				+/-	19.0326	µg/mL	Stressed
30	Hexachlorobutadiene		1,000.5	µg/mL	+/-	5.8302	µg/mL	Gravimetric
	CAS # 87-68-3.SEC	(Lot 1068200)			+/-	11.9661	µg/mL	Unstressed
	Purity 97%				+/-	19.0375	µg/mL	Stressed
31	4-Chloro-3-methylphenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 59-50-7.SEC	(Lot FDO02)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
32	2-Methylnaphthalene		1,000.8	µg/mL	+/-	5.8320	µg/mL	Gravimetric
	CAS # 91-57-6.SEC	(Lot 76023-1)			+/-	11.9699	µg/mL	Unstressed
	Purity 98%				+/-	19.0436	µg/mL	Stressed
33	1-Methylnaphthalene		1,000.1	µg/mL	+/-	5.8279	µg/mL	Gravimetric
	CAS # 90-12-0.SEC	(Lot UATSA)			+/-	11.9614	µg/mL	Unstressed
	Purity 97%				+/-	19.0302	µg/mL	Stressed
34	1,2,4,5-Tetrachlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 95-94-3.SEC	(Lot AF02)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
35	Hexachlorocyclopentadiene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 77-47-4.SEC	(Lot 5608400)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
36	2,4,6-Trichlorophenol		1,000.6	µg/mL	+/-	5.8309	µg/mL	Gravimetric
	CAS # 88-06-2.SEC	(Lot UUMYM)			+/-	11.9675	µg/mL	Unstressed
	Purity 98%				+/-	19.0399	µg/mL	Stressed
37	2,4,5-Trichlorophenol		1,000.1	µg/mL	+/-	5.8279	µg/mL	Gravimetric
	CAS # 95-95-4.SEC	(Lot MKBQ9937V)			+/-	11.9614	µg/mL	Unstressed
	Purity 97%				+/-	19.0302	µg/mL	Stressed
38	2-Chloronaphthalene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 91-58-7.SEC	(Lot LC07783V)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
39	Biphenyl		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 92-52-4.SEC	(Lot 33OQE)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed

40	2-Nitroaniline		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 88-74-4.SEC	(Lot T6E7B)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
41	Acenaphthylene		999.9	µg/mL	+/-	5.8271	µg/mL	Gravimetric
	CAS # 208-96-8.SEC	(Lot 0012014)			+/-	11.9598	µg/mL	Unstressed
	Purity 96%				+/-	19.0276	µg/mL	Stressed
42	1,3-Dinitrobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 99-65-0.SEC	(Lot 3XXLB)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
43	Dimethylphthalate		1,002.0	µg/mL	+/-	5.8392	µg/mL	Gravimetric
	CAS # 131-11-3.SEC	(Lot 483WC)			+/-	11.9845	µg/mL	Unstressed
	Purity 99%				+/-	19.0669	µg/mL	Stressed
44	2,6-Dinitrotoluene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 606-20-2.SEC	(Lot GE01)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
45	3-Nitroaniline		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 99-09-2.SEC	(Lot FGN03)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
46	Acenaphthene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 83-32-9.SEC	(Lot BWZJE)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
47	2,4-Dinitrophenol		2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 51-28-5.SEC	(Lot YTR6B)			+/-	23.9081	µg/mL	Unstressed
	Purity 99%				+/-	38.0494	µg/mL	Stressed
48	Dibenzofuran		1,000.8	µg/mL	+/-	5.8322	µg/mL	Gravimetric
	CAS # 132-64-9.SEC	(Lot 27ZGC)			+/-	11.9702	µg/mL	Unstressed
	Purity 99%				+/-	19.0440	µg/mL	Stressed
49	4-Nitrophenol		2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 100-02-7.SEC	(Lot 2J5LB)			+/-	23.9081	µg/mL	Unstressed
	Purity 99%				+/-	38.0494	µg/mL	Stressed
50	2,4-Dinitrotoluene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 121-14-2.SEC	(Lot SHRSA)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
51	2,3,4,6-Tetrachlorophenol		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 58-90-2.SEC	(Lot LC19623V)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
52	Fluorene		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 86-73-7.SEC	(Lot 5027400)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
53	n-Hexadecane (C16)		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 544-76-3.SEC	(Lot A0328141)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
54	Diethylphthalate		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 84-66-2.SEC	(Lot UMBJC)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
55	4-Chlorophenyl phenyl ether		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 7005-72-3.SEC	(Lot P31G)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed

56	4-Nitroaniline		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 100-01-6.SEC	(Lot 5ITRC)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
57	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)		2,000.0	µg/mL	+/-	11.6282	µg/mL	Gravimetric
	CAS # 534-52-1.SEC	(Lot 6333400)			+/-	23.9081	µg/mL	Unstressed
	Purity 99%				+/-	38.0494	µg/mL	Stressed
58	Diphenylamine		850.0	µg/mL	+/-	4.9534	µg/mL	Gravimetric
	CAS # 122-39-4.SEC	(Lot 10164691)			+/-	10.1665	µg/mL	Unstressed
	Purity 99%				+/-	16.1745	µg/mL	Stressed
59	Azobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 103-33-3.SEC	(Lot JUWAG)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
60	4-Bromophenyl phenyl ether		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 101-55-3.SEC	(Lot 84C6D)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
61	Hexachlorobenzene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 118-74-1.SEC	(Lot G120431)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
62	Pentachlorophenol		2,000.4	µg/mL	+/-	11.6305	µg/mL	Gravimetric
	CAS # 87-86-5.SEC	(Lot 5784900)			+/-	23.9129	µg/mL	Unstressed
	Purity 99%				+/-	38.0570	µg/mL	Stressed
63	n-Octadecane (C18)		1,001.0	µg/mL	+/-	5.8333	µg/mL	Gravimetric
	CAS # 593-45-3.SEC	(Lot G14U045)			+/-	11.9726	µg/mL	Unstressed
	Purity 99%				+/-	19.0478	µg/mL	Stressed
64	Phenanthrene		1,002.0	µg/mL	+/-	5.8389	µg/mL	Gravimetric
	CAS # 85-01-8.SEC	(Lot 4708400)			+/-	11.9839	µg/mL	Unstressed
	Purity 98%				+/-	19.0660	µg/mL	Stressed
65	Anthracene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 120-12-7.SEC	(Lot WDFNJ)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
66	Carbazole		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 86-74-8.SEC	(Lot LMIZB)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
67	Di-n-butylphthalate		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 84-74-2.SEC	(Lot 42FSG)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
68	Fluoranthene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 206-44-0.SEC	(Lot FREGF)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
69	Pyrene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 129-00-0.SEC	(Lot ROVJC)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
70	Benzyl butyl phthalate		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 85-68-7.SEC	(Lot GX3GL)			+/-	11.9605	µg/mL	Unstressed
	Purity 98%				+/-	19.0287	µg/mL	Stressed
71	Benz(a)anthracene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 56-55-3.SEC	(Lot MTENF)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed

72	chrysene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 218-01-9.SEC	(Lot NICZC)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
73	Bis(2-ethylhexyl)phthalate		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 117-81-7.SEC	(Lot MT8AG)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
74	Di-n-octyl phthalate		1,000.8	µg/mL	+/-	5.8322	µg/mL	Gravimetric
	CAS # 117-84-0.SEC	(Lot O8DLD)			+/-	11.9702	µg/mL	Unstressed
	Purity 99%				+/-	19.0440	µg/mL	Stressed
75	Benzo(b)fluoranthene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 205-99-2.SEC	(Lot 022011)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
76	Benzo(k)fluoranthene		1,000.6	µg/mL	+/-	5.8310	µg/mL	Gravimetric
	CAS # 207-08-9.SEC	(Lot ER041513-01)			+/-	11.9678	µg/mL	Unstressed
	Purity 99%				+/-	19.0402	µg/mL	Stressed
77	Benzo(a)pyrene		1,000.5	µg/mL	+/-	5.8302	µg/mL	Gravimetric
	CAS # 50-32-8.SEC	(Lot M8DFD)			+/-	11.9661	µg/mL	Unstressed
	Purity 97%				+/-	19.0375	µg/mL	Stressed
78	Indeno(1,2,3-cd)pyrene		1,000.4	µg/mL	+/-	5.8299	µg/mL	Gravimetric
	CAS # 193-39-5.SEC	(Lot 0012014)			+/-	11.9654	µg/mL	Unstressed
	Purity 99%				+/-	19.0364	µg/mL	Stressed
79	Dibenz(a,h)anthracene		1,000.0	µg/mL	+/-	5.8275	µg/mL	Gravimetric
	CAS # 53-70-3.SEC	(Lot 0012011)			+/-	11.9606	µg/mL	Unstressed
	Purity 99%				+/-	19.0288	µg/mL	Stressed
80	Benzo(g,h,i)perylene		1,000.1	µg/mL	+/-	5.8279	µg/mL	Gravimetric
	CAS # 191-24-2.SEC	(Lot 0022012)			+/-	11.9614	µg/mL	Unstressed
	Purity 97%				+/-	19.0302	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Specific Reference Material Notes:

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

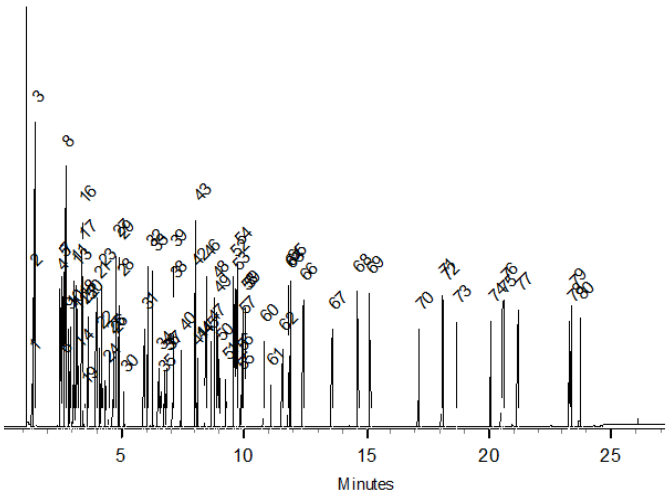
Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Date Mixed: 28-Sep-2017 **Balance:** 1128342313

Justine Albertson - Operations Tech-ARM QC

Date Passed: 13-Oct-2017

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

SMDFTP_CH_00037

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31615 **Lot No.:** A0200028

Description : GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230504	99%	1,001.0 µg/mL	+/- 44.7338
2	DFTPP (Decafluorotriphenylphosphine)	5074-71-5	Q117-147	95%	1,000.7 µg/mL	+/- 44.7189
3	Benzidine	92-87-5	S221205RSR	99%	1,001.0 µg/mL	+/- 44.7338
4	4,4'-DDT	50-29-3	230410JLMA	98%	1,000.9 µg/mL	+/- 44.7296

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

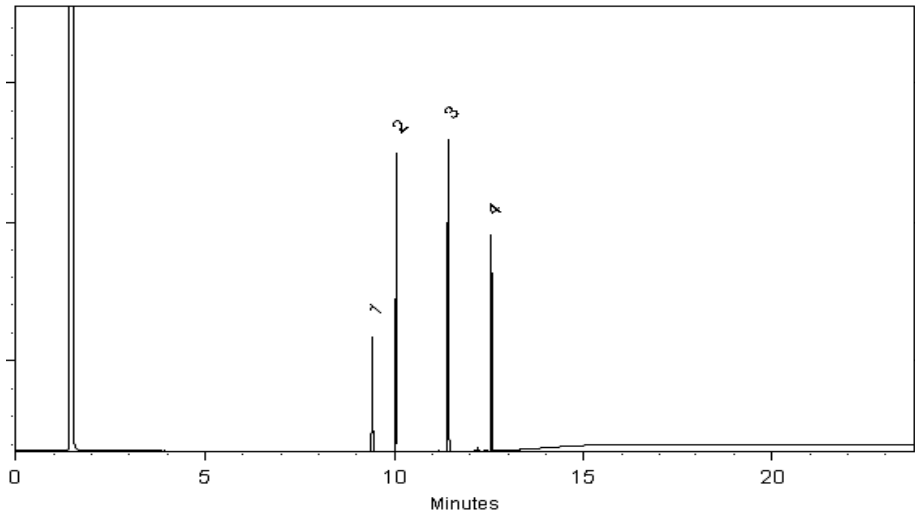
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Josh McCloskey - Operations Technician I

Date Mixed: 18-Jul-2023 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 24-Jul-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

Vinyl Acetate_00106

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

MS 2/20/25 R2593 # 12363825

08/04/2025

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 569724 **Lot No.:** A0222118

Description : 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	5,004.5 µg/mL	+/- 172.9671

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:
Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Reagent

VMC21SU_00011

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

08/04/2016

CERTIFIED WEIGHT REPORT

Part Number: 19167
Lot Number: 030822
Description: CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
Expiration Date: 030827
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2500
NIST Test ID#: 6UTB

Solvent(s):	Lot#
Methanol	EB373-US

R2384

MS 3/31/23 #10669421

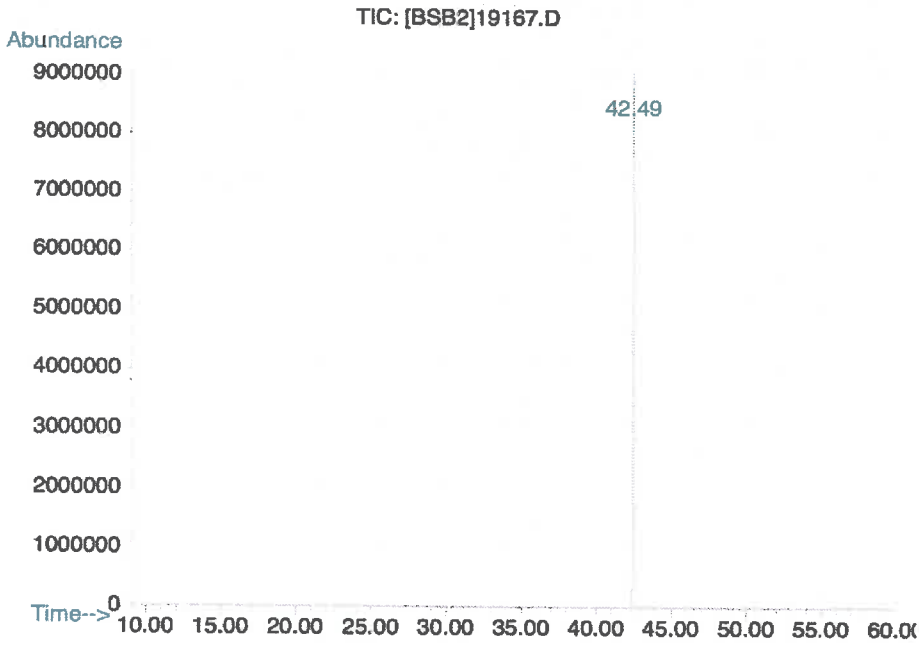
5E-05 Balance Uncertainty

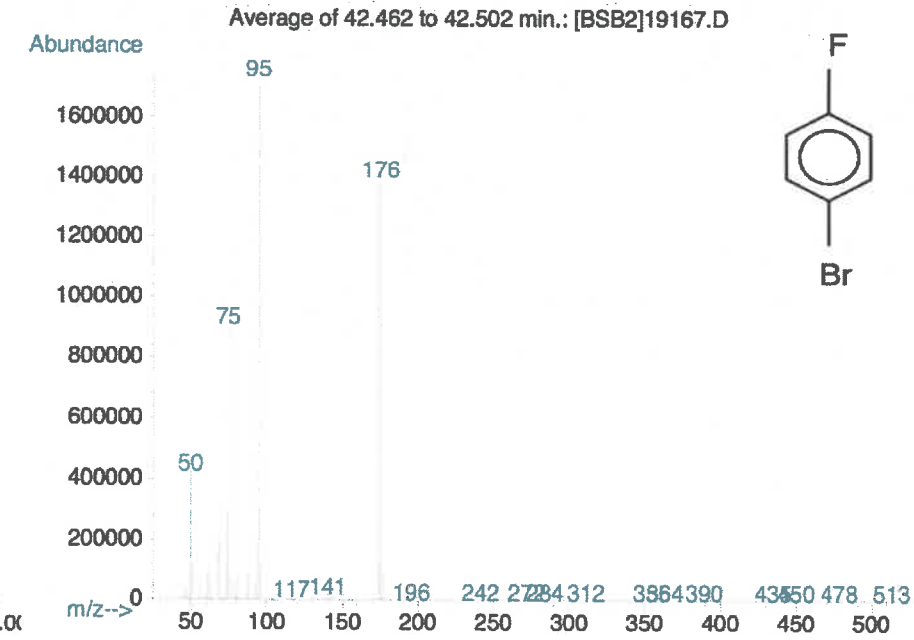
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

		030822
Formulated By:	Benson Chan	DATE
		030822
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. p-Bromofluorobenzene	48	01127COV	2500	99	0.2	0.25254	0.25286	2503.2	10.2	460-00-4	N/A	orl-rat 2700mg/kg

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB-07292025	460-331763-1	103	84	88	88
MW-11S	460-331763-2	102	94	95	92
MW-8S	460-331763-3	103	96	93	106
MW-3	460-331763-4	103	98	87	105
MW-13S	460-331763-5	103	96	101	106
MW-13D	460-331763-6	103	95	93	90
MW-4S	460-331763-7	102	97	103	100
	MB 460-1053164/9	102	92	94	104
	LCS 460-1053164/5	90	84	91	108

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A30083.D

Lab ID: LCS 460-1053164/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzene	20.0	18.7	93	71-126	
Ethylbenzene	20.0	17.3	87	78-120	
Toluene	20.0	18.4	92	78-120	
Xylenes, Total	40.0	34.0	85	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab File ID: A30087.D Lab Sample ID: MB 460-1053164/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS1 Date Analyzed: 08/01/2025 09:59

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1053164/5	A30083.D	08/01/2025 08:21
TB-07292025	460-331763-1	A30099.D	08/01/2025 14:53
MW-13S	460-331763-5	A30100.D	08/01/2025 15:17
MW-13D	460-331763-6	A30101.D	08/01/2025 15:42
MW-4S	460-331763-7	A30102.D	08/01/2025 16:06
MW-11S	460-331763-2	A30103.D	08/01/2025 16:31
MW-8S	460-331763-3	A30104.D	08/01/2025 16:55
MW-3	460-331763-4	A30105.D	08/01/2025 17:19

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab File ID: A26555.D BFB Injection Date: 05/14/2025

Instrument ID: CVOAMS1 BFB Injection Time: 02:43

Analysis Batch No.: 1037325

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	100.0 (125.4) 1
96	5 - 9% of m/z 95	6.1
173	Less than 2% of m/z 174	0.8 (0.9) 1
174	50 - 200% of m/z 95	79.7
175	5 - 9% of m/z 174	6.2 (7.7) 1
176	95 -105% of m/z 174	78.1 (97.9) 1
177	5 - 10% of m/z 176	5.2 (6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-1037325/4	A26558.D	05/14/2025	4:13
	STD5 460-1037325/6	A26560.D	05/14/2025	5:03
	STD20 460-1037325/7	A26561.D	05/14/2025	5:27
	STD50 460-1037325/8	A26562.D	05/14/2025	5:52
	STD200 460-1037325/9	A26563.D	05/14/2025	6:16
	STD500 460-1037325/10	A26564.D	05/14/2025	6:40
	STD8 460-1037325/19	A26573.D	05/14/2025	10:21
	STD1 460-1037325/20	A26574.D	05/14/2025	10:45
	ICV 460-1037325/21	A26575.D	05/14/2025	11:47

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Sample No.: STD20 460-1037325/7 Date Analyzed: 05/14/2025 05:27

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A26561.D Heated Purge: (Y/N) N

Calibration ID: 100886

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		119563	3.11	138444	4.20	511503	5.37
UPPER LIMIT		239126	3.61	276888	4.70	1023006	5.87
LOWER LIMIT		59782	2.61	69222	3.70	255752	4.87
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1037325/21		119381	3.11	135824	4.20	521759	5.37

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Sample No.: STD20 460-1037325/7 Date Analyzed: 05/14/2025 05:27

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A26561.D Heated Purge: (Y/N) N

Calibration ID: 100886

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		15608	6.13	359078	9.32	175176	11.22
UPPER LIMIT		31216	6.63	718156	9.82	350352	11.72
LOWER LIMIT		7804	5.63	179539	8.82	87588	10.72
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1037325/21		14606	6.13	361569	9.32	172092	11.25

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Sample No.: CCVIS 460-1053164/3 Date Analyzed: 08/01/2025 07:32

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A30081.D Heated Purge: (Y/N) N

Calibration ID: 100886

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		144327	3.12	180868	4.22	505757	5.38
UPPER LIMIT		288654	3.62	361736	4.72	1011514	5.88
LOWER LIMIT		72164	2.62	90434	3.72	252879	4.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1053164/5		155523	3.12	186864	4.22	555532	5.38
MB 460-1053164/9		120044	3.12	155064	4.22	483541	5.38
460-331763-1	TB-07292025	129964	3.12	158604	4.22	517759	5.38
460-331763-5	MW-13S	137855	3.12	162984	4.22	448897	5.38
460-331763-6	MW-13D	127964	3.12	160306	4.22	452135	5.38
460-331763-7	MW-4S	132327	3.12	156013	4.22	449026	5.38
460-331763-2	MW-11S	122892	3.12	153822	4.22	449395	5.38
460-331763-3	MW-8S	123337	3.12	157208	4.22	446541	5.38
460-331763-4	MW-3	130632	3.12	157612	4.22	444751	5.38

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Sample No.: CCVIS 460-1053164/3 Date Analyzed: 08/01/2025 07:32

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A30081.D Heated Purge: (Y/N) N

Calibration ID: 100886

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19724	6.15	383527	9.32	202195	11.23
UPPER LIMIT		39448	6.65	767054	9.82	404390	11.73
LOWER LIMIT		9862	5.65	191764	8.82	101098	10.73
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1053164/5		20940	6.16	390863	9.32	205467	11.23
MB 460-1053164/9		17412	6.16	338651	9.32	172946	11.23
460-331763-1	TB-07292025	16482	6.15	366691	9.32	169079	11.23
460-331763-5	MW-13S	15853	6.16	318012	9.32	169195	11.23
460-331763-6	MW-13D	16376	6.15	371644	9.32	170715	11.23
460-331763-7	MW-4S	13848	6.15	335137	9.32	164580	11.23
460-331763-2	MW-11S	13341	6.15	357506	9.32	192907	11.23
460-331763-3	MW-8S	15600	6.16	319525	9.32	170946	11.23
460-331763-4	MW-3	13743	6.15	378175	9.32	148313	11.23

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: TB-07292025 | Lab Sample ID: 460-331763-1

Matrix: Water | Lab File ID: A30099.D

Analysis Method: 8260D | Date Collected: 07/29/2025 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 14:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-128
460-00-4	4-Bromofluorobenzene	88		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	88		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30099.D
Lims ID: 460-331763-A-1
Client ID: TB-07292025
Sample Type: Client
Inject. Date: 01-Aug-2025 14:53:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-1
Misc. Info.: 460-0194382-021
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:38:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	129964	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	158604	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	132945	51.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	-0.001	0	108379	42.1	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	517759	50.0	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	16482	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.233	7.228	0.005	100	433166	43.8	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	84	366691	50.0	
$ 105 4-Bromofluorobenzene	174	10.421	10.422	-0.001	90	122478	44.0	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	95	169079	50.0	

Reagents:

8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

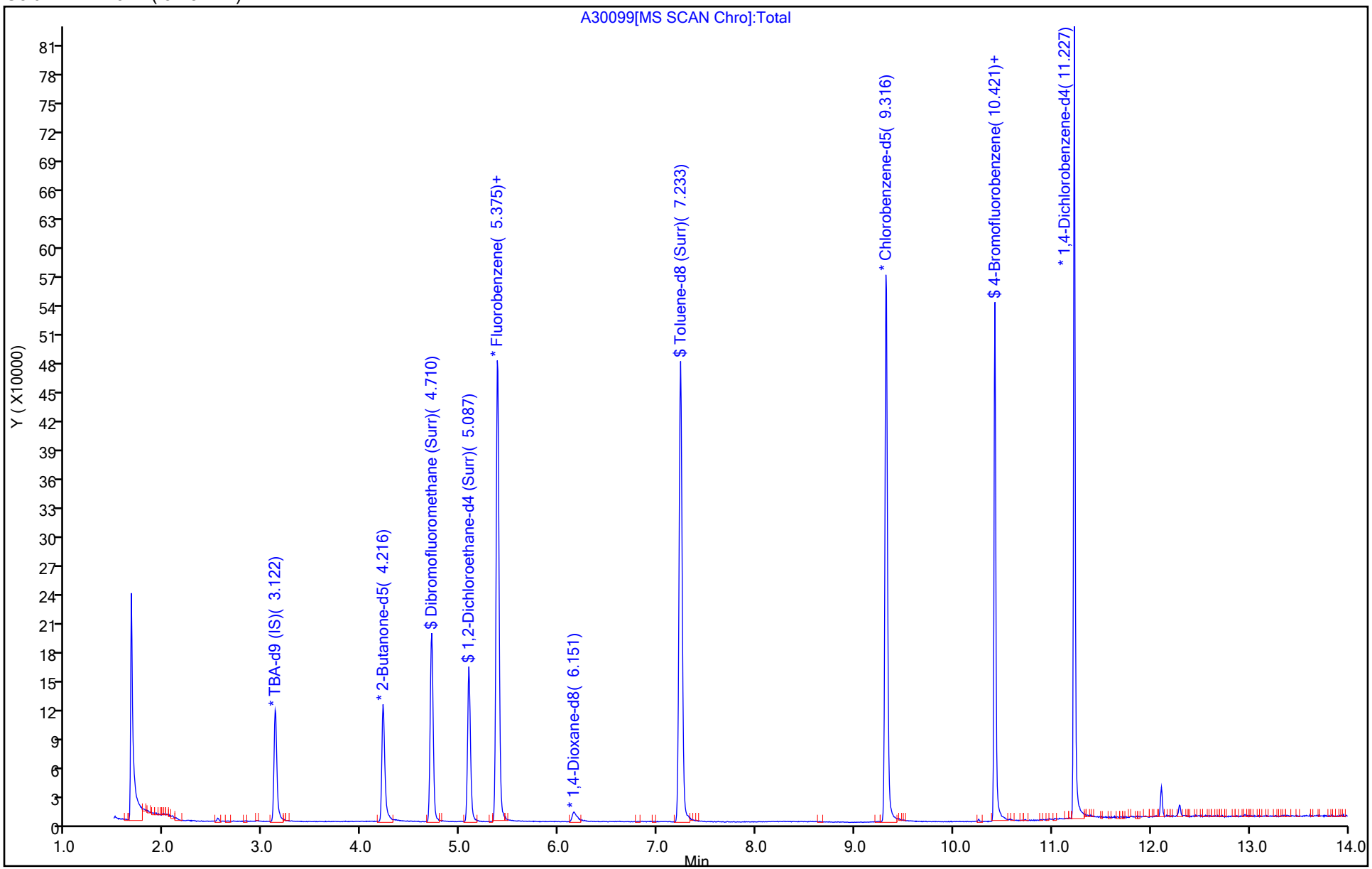
Report Date: 01-Aug-2025 18:38:38 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30099.D

Injection Date:	01-Aug-2025 14:53:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331763-A-1	Lab Sample ID:	460-331763-1	Worklist Smp#:	21
Client ID:	TB-07292025				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30099.D
Lims ID: 460-331763-A-1
Client ID: TB-07292025
Sample Type: Client
Inject. Date: 01-Aug-2025 14:53:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-1
Misc. Info.: 460-0194382-021
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:38:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.4	102.82
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.1	84.15
$ 83 Toluene-d8 (Surr)	50.0	43.8	87.65
$ 105 4-Bromofluorobenzene	50.0	44.0	87.96

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-11S | Lab Sample ID: 460-331763-2

Matrix: Water | Lab File ID: A30103.D

Analysis Method: 8260D | Date Collected: 07/29/2025 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 16:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.60		0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	1.0	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-128
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30103.D
Lims ID: 460-331763-A-2
Client ID: MW-11S
Sample Type: Client
Inject. Date: 01-Aug-2025 16:31:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-2
Misc. Info.: 460-0194382-025
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:37:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	122892	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	153822	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	114548	51.0	
60 Benzene	78	5.075	5.069	0.006	46	6811	0.5988	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	-0.001	0	105604	47.2	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	449395	50.0	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	13341	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.233	7.228	0.005	100	458507	47.6	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	84	357506	50.0	
98 m-Xylene & p-Xylene	106	9.569	9.569	0.000	0	2940	0.6068	
100 o-Xylene	106	9.951	9.951	0.000	93	1899	0.4024	
$ 105 4-Bromofluorobenzene	174	10.421	10.422	-0.001	96	124990	46.0	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	94	192907	50.0	
S 137 Xylenes, Total	100				0		1.01	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

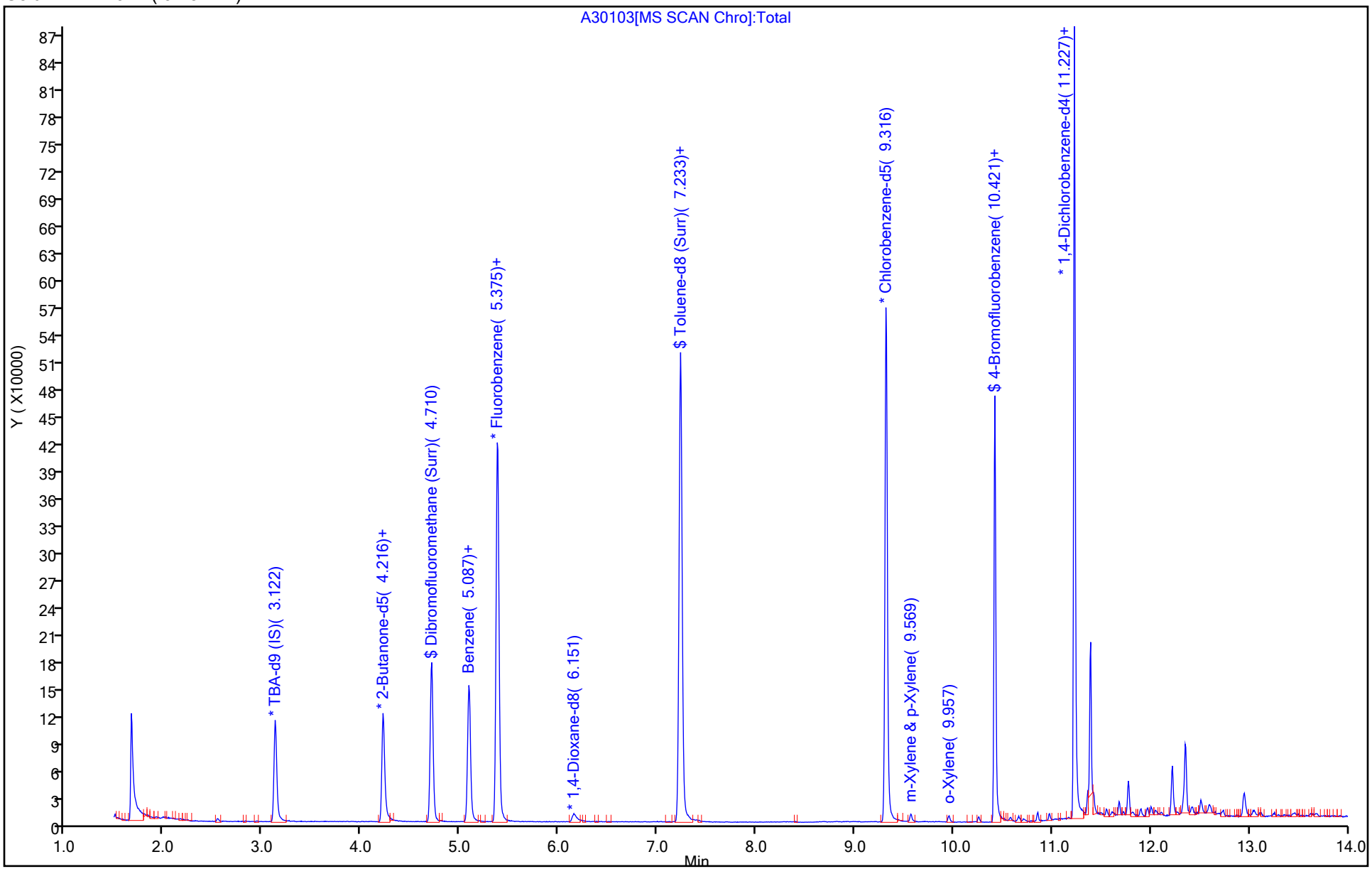
Report Date: 01-Aug-2025 18:37:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30103.D

Injection Date:	01-Aug-2025 16:31:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331763-A-2	Lab Sample ID:	460-331763-2	Worklist Smp#:	25
Client ID:	MW-11S				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30103.D
Lims ID: 460-331763-A-2
Client ID: MW-11S
Sample Type: Client
Inject. Date: 01-Aug-2025 16:31:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-2
Misc. Info.: 460-0194382-025
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:37:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.0	102.07
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.2	94.47
$ 83 Toluene-d8 (Surr)	50.0	47.6	95.16
$ 105 4-Bromofluorobenzene	50.0	46.0	92.07

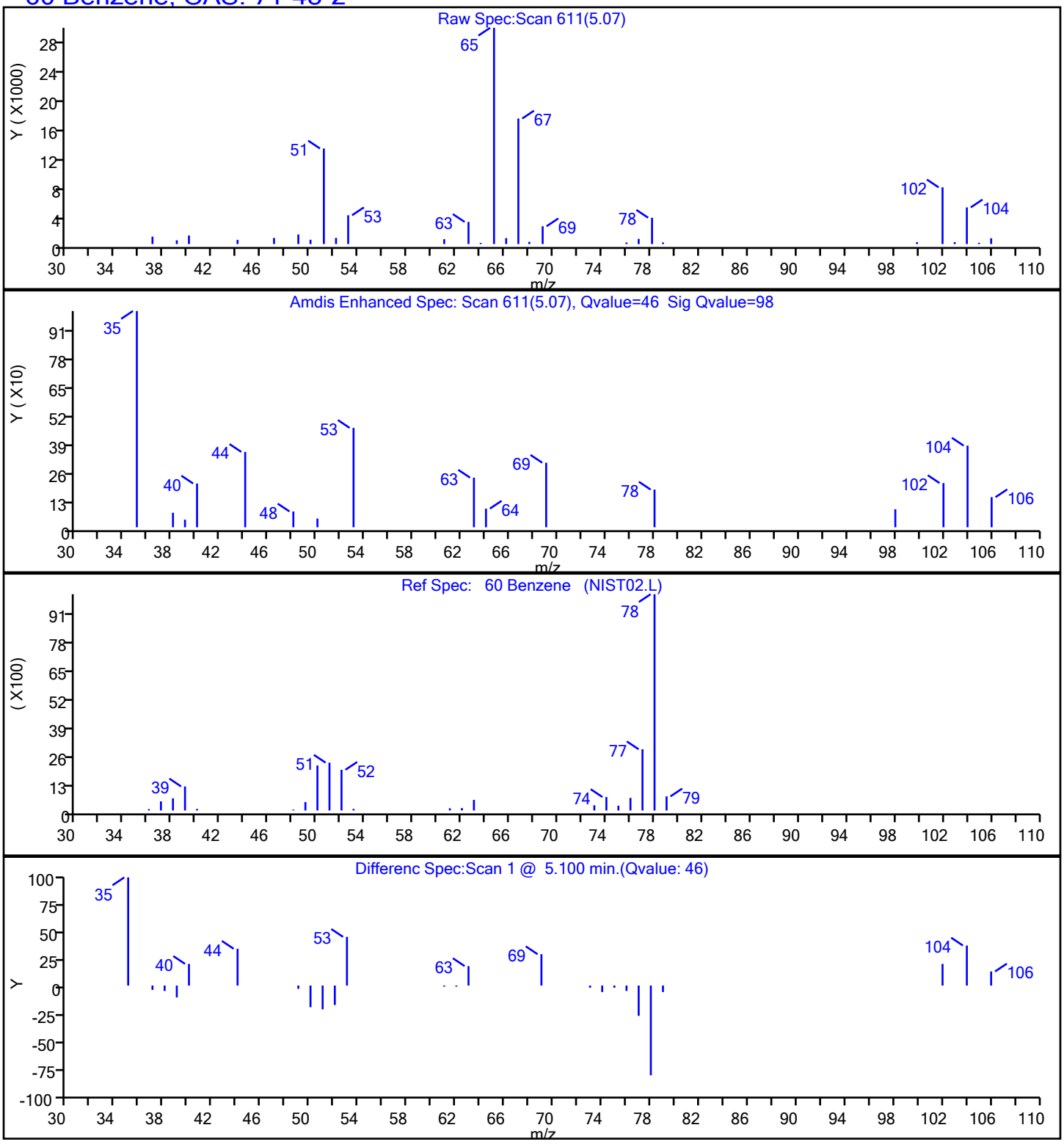
Report Date: 01-Aug-2025 18:37:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30103.D

Injection Date:	01-Aug-2025 16:31:30	Instrument ID:	CVOAMS1		
Lims ID:	460-331763-A-2	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

60 Benzene, CAS: 71-43-2

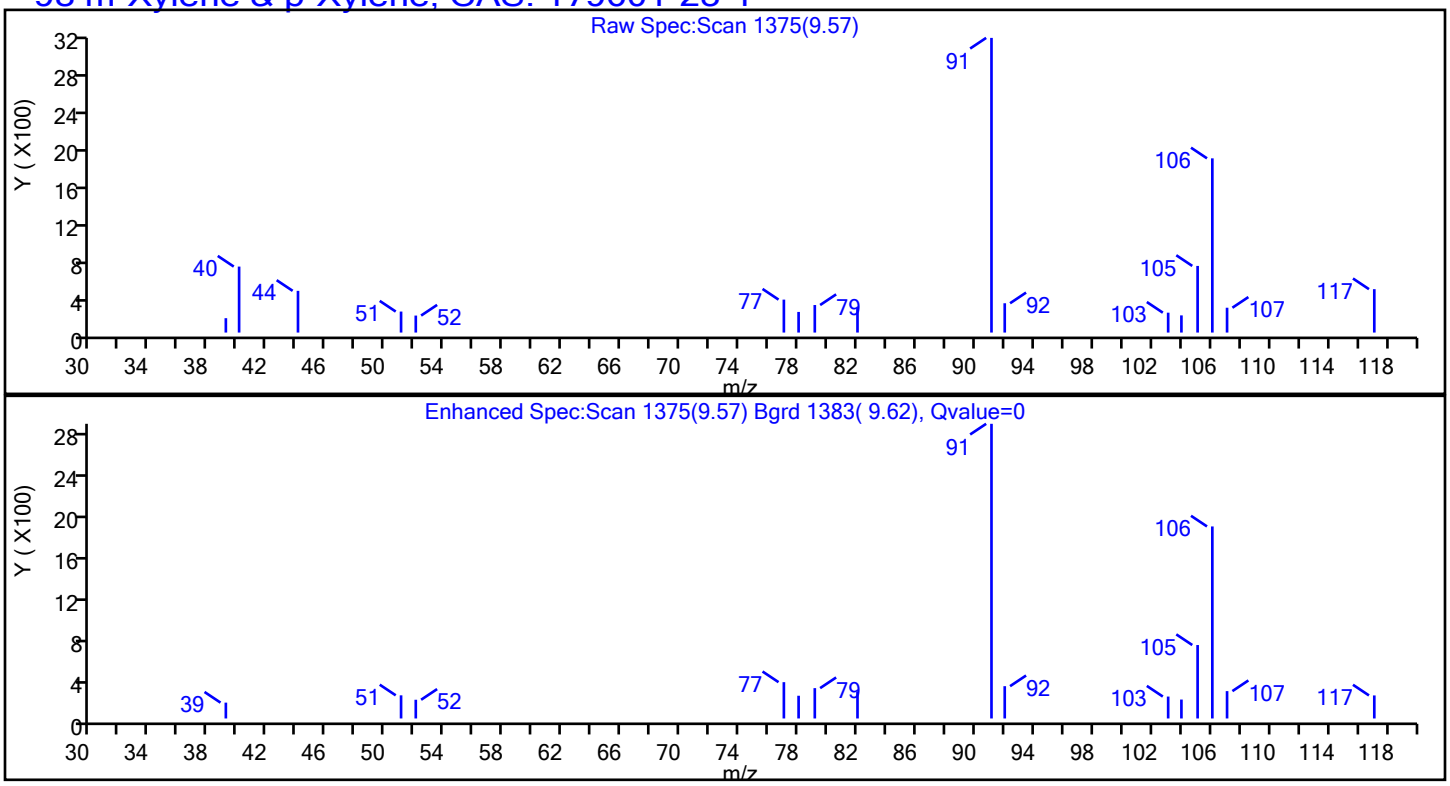


Report Date: 01-Aug-2025 18:37:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30103.D				
Injection Date:	01-Aug-2025 16:31:30	Instrument ID:	CVOAMS1		
Lims ID:	460-331763-A-2	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 m-Xylene & p-Xylene, CAS: 179601-23-1



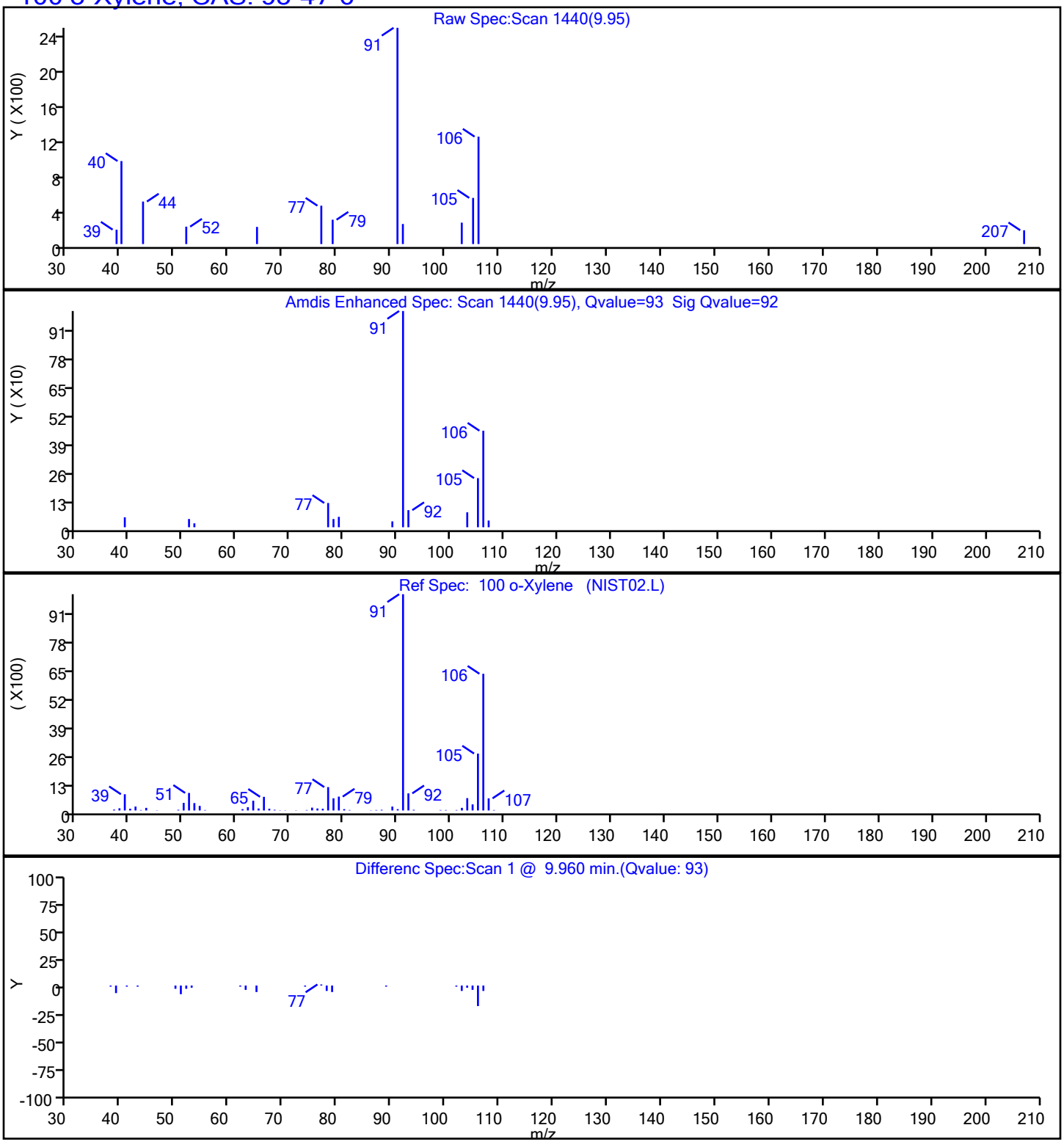
Report Date: 01-Aug-2025 18:37:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30103.D

Injection Date:	01-Aug-2025 16:31:30	Instrument ID:	CVOAMS1
Lims ID:	460-331763-A-2	Lab Sample ID:	460-331763-2
Client ID:	MW-11S		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

100 o-Xylene, CAS: 95-47-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-8S | Lab Sample ID: 460-331763-3

Matrix: Water | Lab File ID: A30104.D

Analysis Method: 8260D | Date Collected: 07/29/2025 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 16:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30104.D
Lims ID: 460-331763-A-3
Client ID: MW-8S
Sample Type: Client
Inject. Date: 01-Aug-2025 16:55:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-3
Misc. Info.: 460-0194382-026
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:37:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	123337	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	157208	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	96	114661	51.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	106469	47.9	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	446541	50.0	
* 73 1,4-Dioxane-d8	96	6.163	6.151	0.012	0	15600	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	99	401159	46.6	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	319525	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	128336	52.9	
* 121 1,4-Dichlorobenzene-d4	152	11.233	11.228	0.005	95	170946	50.0	

Reagents:

8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

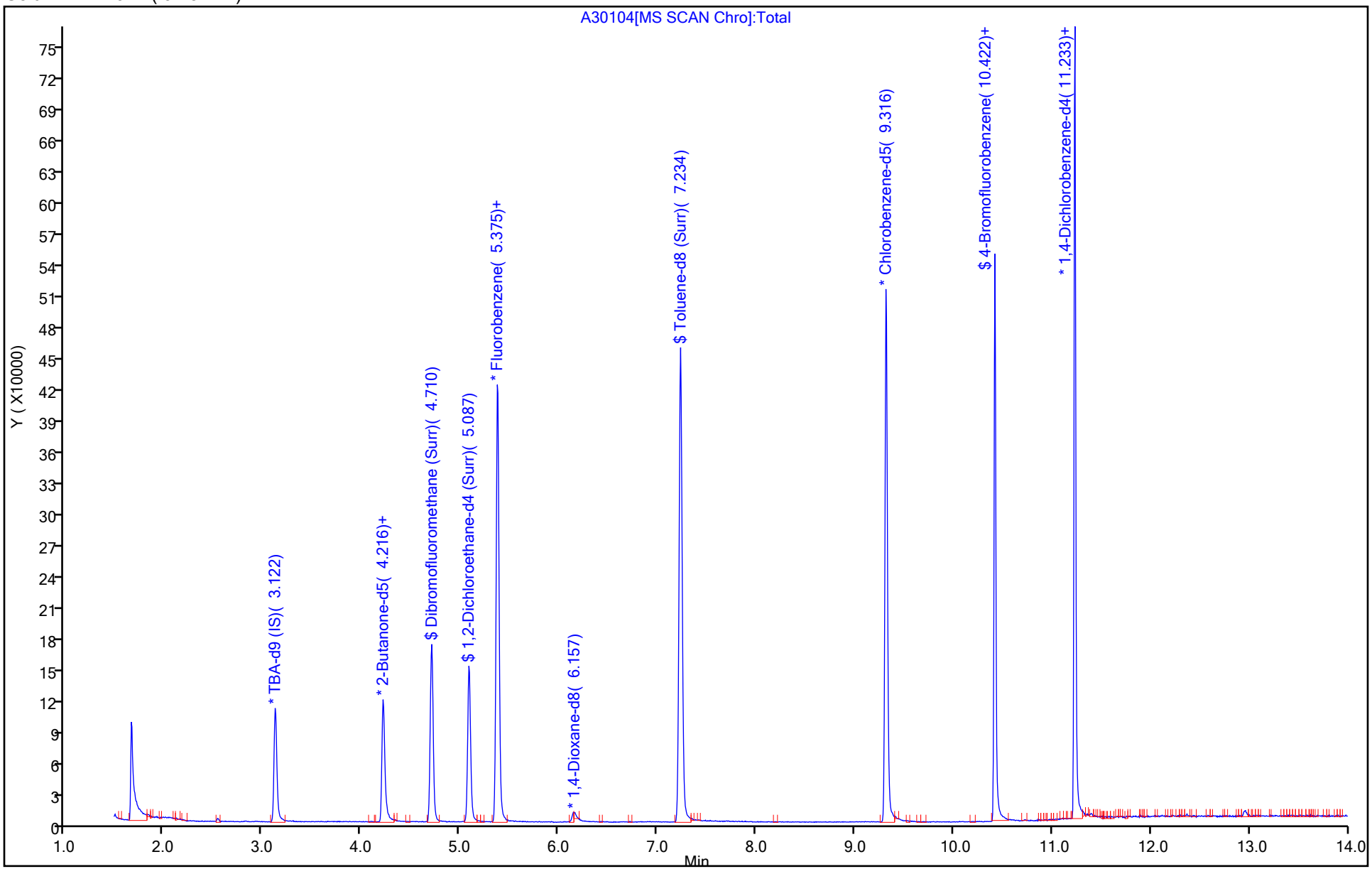
Report Date: 01-Aug-2025 18:37:23 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30104.D

Injection Date:	01-Aug-2025 16:55:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331763-A-3	Lab Sample ID:	460-331763-3	Worklist Smp#:	26
Client ID:	MW-8S				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30104.D
Lims ID: 460-331763-A-3
Client ID: MW-8S
Sample Type: Client
Inject. Date: 01-Aug-2025 16:55:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-3
Misc. Info.: 460-0194382-026
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:37:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.4	102.83
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.9	95.85
$ 83 Toluene-d8 (Surr)	50.0	46.6	93.16
$ 105 4-Bromofluorobenzene	50.0	52.9	105.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-331763-4

Matrix: Water | Lab File ID: A30105.D

Analysis Method: 8260D | Date Collected: 07/29/2025 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 17:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	0.77	J	1.0	0.30
108-88-3	Toluene	0.54	J	1.0	0.38
1330-20-7	Xylenes, Total	1.0	J	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	87		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30105.D
Lims ID: 460-331763-A-4
Client ID: MW-3
Sample Type: Client
Inject. Date: 01-Aug-2025 17:19:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-4
Misc. Info.: 460-0194382-027
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:37:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	130632	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	157612	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	96	114269	51.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	108279	48.9	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	444751	50.0	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	13743	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	100	445392	43.7	
84 Toluene	91	7.316	7.322	-0.006	91	6492	0.5366	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	83	378175	50.0	
96 Ethylbenzene	106	9.439	9.434	0.005	97	3263	0.7694	
98 m-Xylene & p-Xylene	106	9.569	9.569	0.000	0	2808	0.5479	
100 o-Xylene	106	9.951	9.951	0.000	91	2257	0.4521	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	93	151375	52.7	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	93	148313	50.0	
S 137 Xylenes, Total	100				0		1.00	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

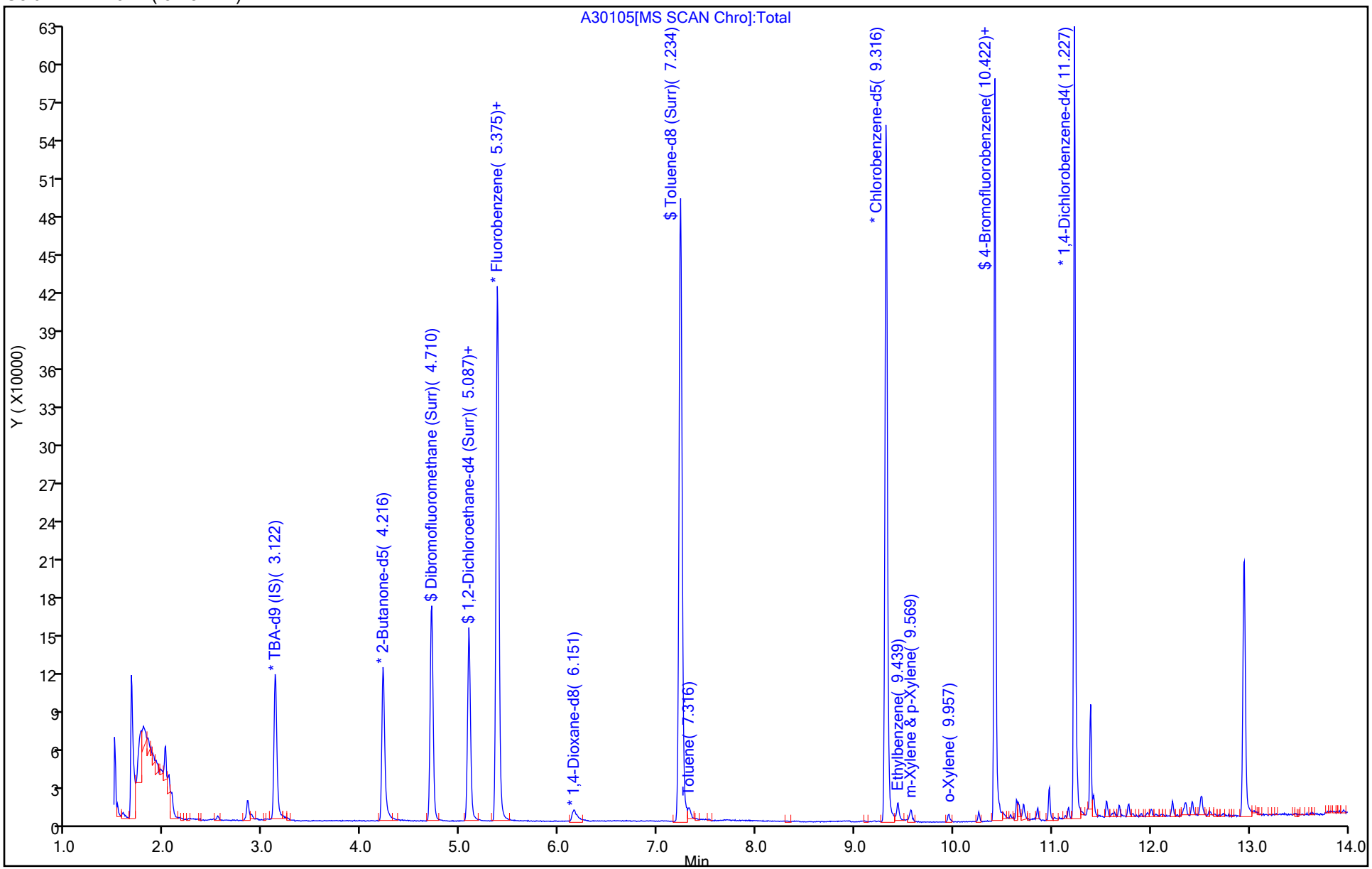
Report Date: 01-Aug-2025 18:37:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30105.D

Injection Date:	01-Aug-2025 17:19:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331763-A-4	Lab Sample ID:	460-331763-4	Worklist Smp#:	27
Client ID:	MW-3				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30105.D
Lims ID: 460-331763-A-4
Client ID: MW-3
Sample Type: Client
Inject. Date: 01-Aug-2025 17:19:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-4
Misc. Info.: 460-0194382-027
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:37:32

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.4	102.89
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.9	97.87
$ 83 Toluene-d8 (Surr)	50.0	43.7	87.39
$ 105 4-Bromofluorobenzene	50.0	52.7	105.41

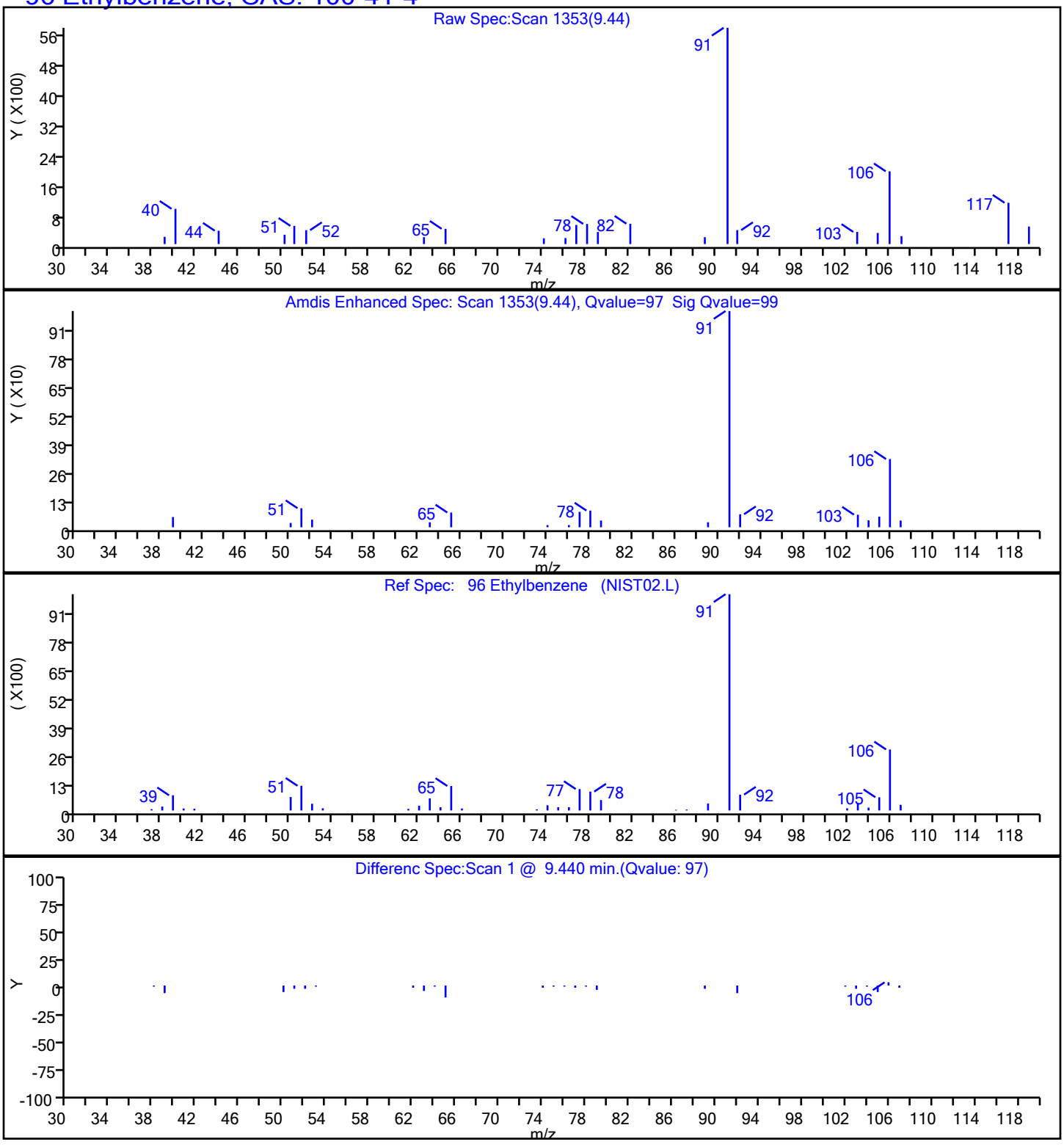
Report Date: 01-Aug-2025 18:37:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30105.D

Injection Date:	01-Aug-2025 17:19:30	Instrument ID:	CVOAMS1
Lims ID:	460-331763-A-4	Lab Sample ID:	460-331763-4
Client ID:	MW-3		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

96 Ethylbenzene, CAS: 100-41-4



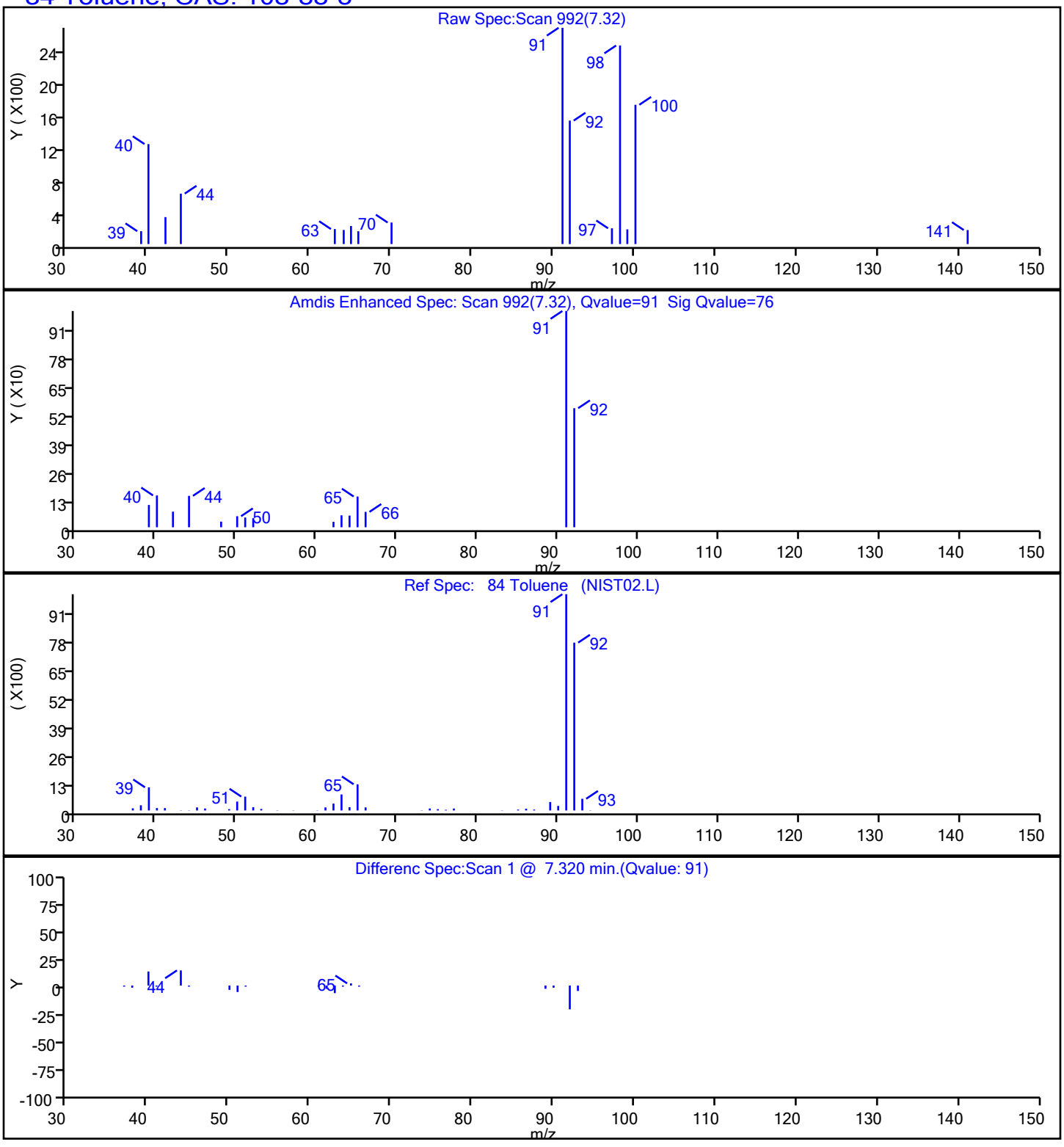
Report Date: 01-Aug-2025 18:37:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30105.D

Injection Date:	01-Aug-2025 17:19:30	Instrument ID:	CVOAMS1		
Lims ID:	460-331763-A-4	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

84 Toluene, CAS: 108-88-3

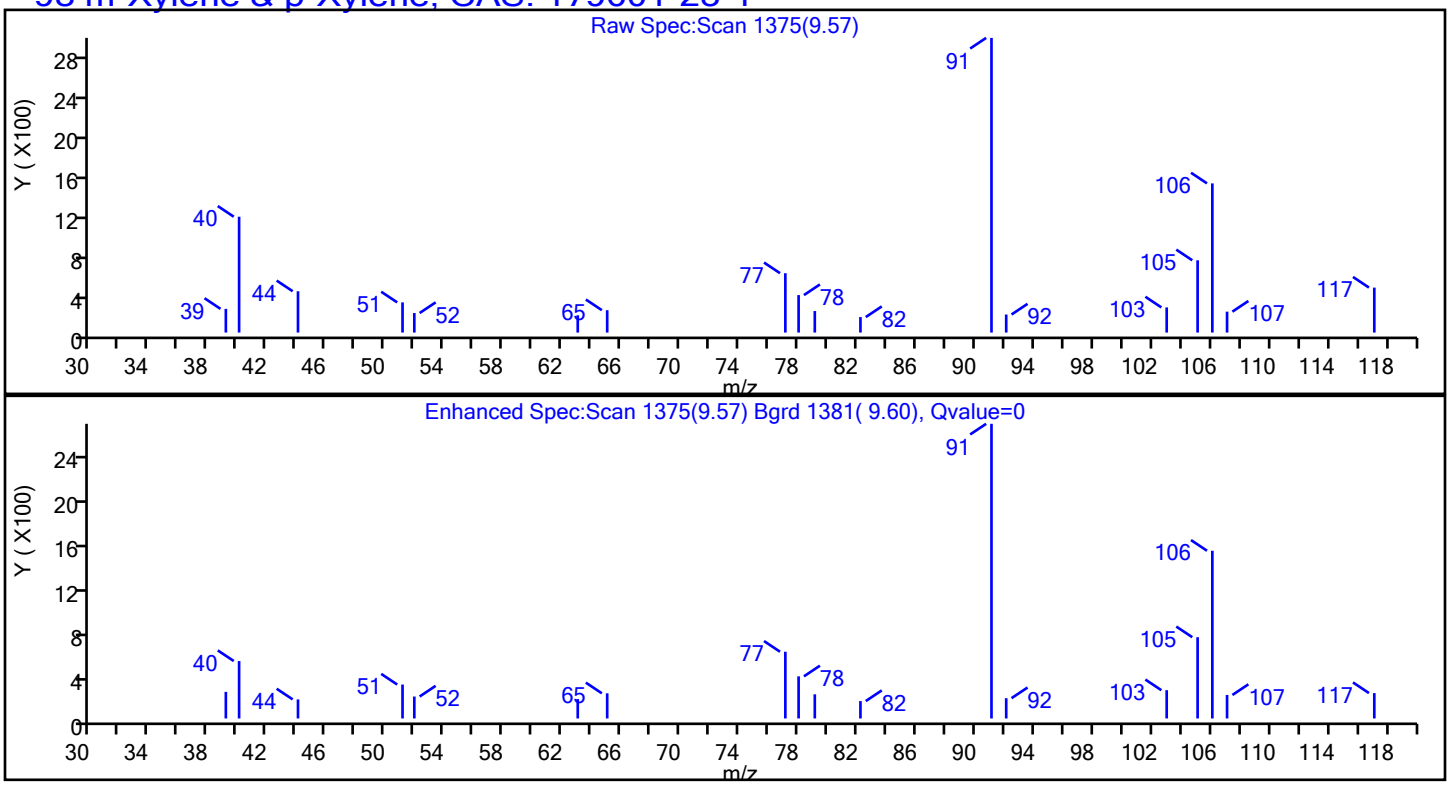


Report Date: 01-Aug-2025 18:37:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30105.D				
Injection Date:	01-Aug-2025 17:19:30	Instrument ID:	CVOAMS1		
Lims ID:	460-331763-A-4	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 m-Xylene & p-Xylene, CAS: 179601-23-1



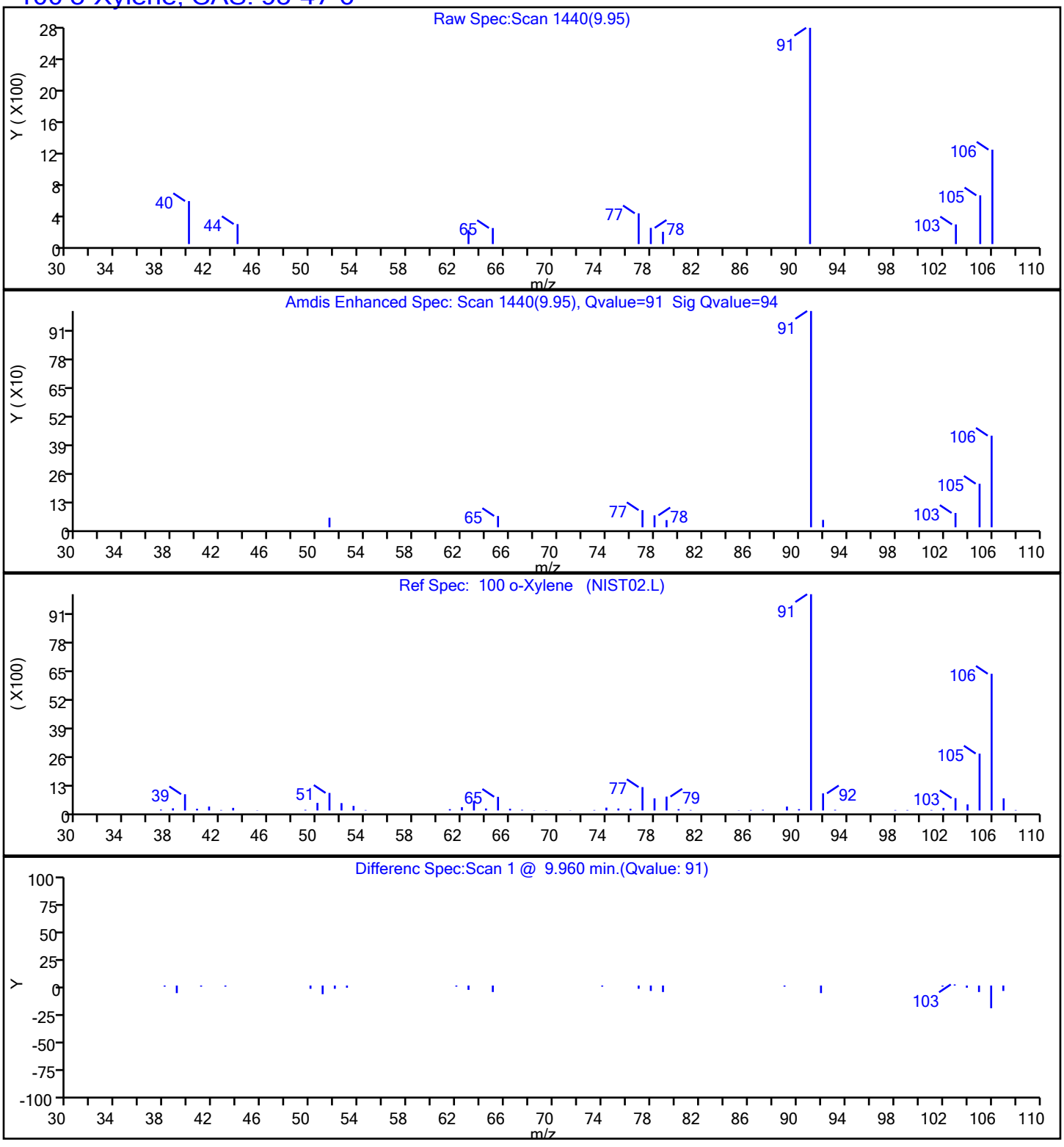
Report Date: 01-Aug-2025 18:37:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30105.D

Injection Date:	01-Aug-2025 17:19:30	Instrument ID:	CVOAMS1		
Lims ID:	460-331763-A-4	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

100 o-Xylene, CAS: 95-47-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-13S | Lab Sample ID: 460-331763-5

Matrix: Water | Lab File ID: A30100.D

Analysis Method: 8260D | Date Collected: 07/29/2025 12:20

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 15:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.71		0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30100.D
Lims ID: 460-331763-A-5
Client ID: MW-13S
Sample Type: Client
Inject. Date: 01-Aug-2025 15:17:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-5
Misc. Info.: 460-0194382-022
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:36:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	137855	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	162984	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	96	115304	51.4	
60 Benzene	78	5.075	5.069	0.006	40	7139	0.7056	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	107531	48.1	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	448897	50.0	
* 73 1,4-Dioxane-d8	96	6.157	6.151	0.006	0	15853	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	100	433898	50.6	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	318012	50.0	
98 m-Xylene & p-Xylene	106	9.575	9.569	0.006	0	1606	0.3727	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	89	127972	53.0	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	96	169195	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

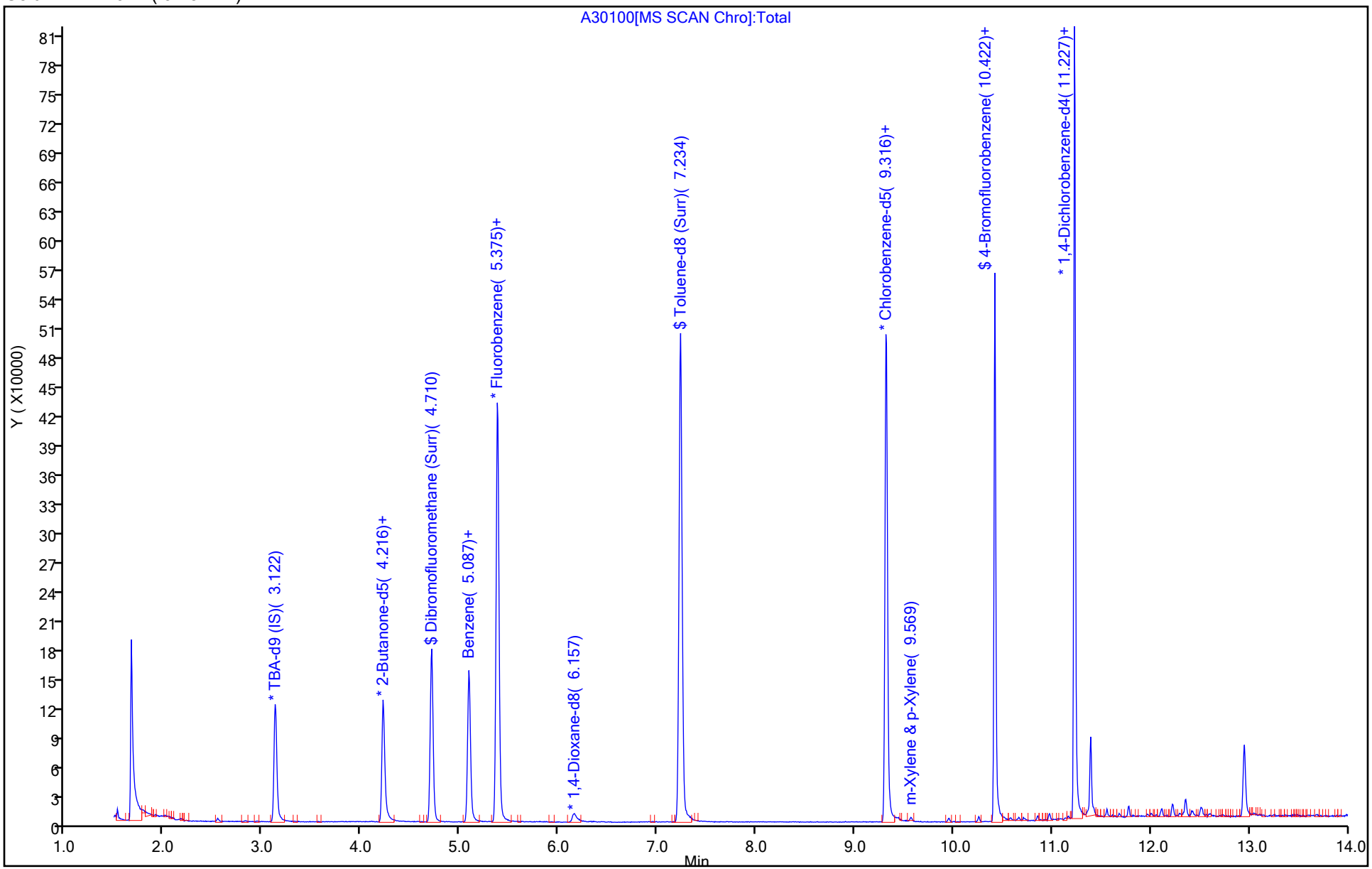
Report Date: 01-Aug-2025 18:36:54 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30100.D

Injection Date:	01-Aug-2025 15:17:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331763-A-5	Lab Sample ID:	460-331763-5	Worklist Smp#:	22
Client ID:	MW-13S				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30100.D
Lims ID: 460-331763-A-5
Client ID: MW-13S
Sample Type: Client
Inject. Date: 01-Aug-2025 15:17:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-5
Misc. Info.: 460-0194382-022
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:36:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.4	102.86
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.1	96.30
$ 83 Toluene-d8 (Surr)	50.0	50.6	101.24
$ 105 4-Bromofluorobenzene	50.0	53.0	105.97

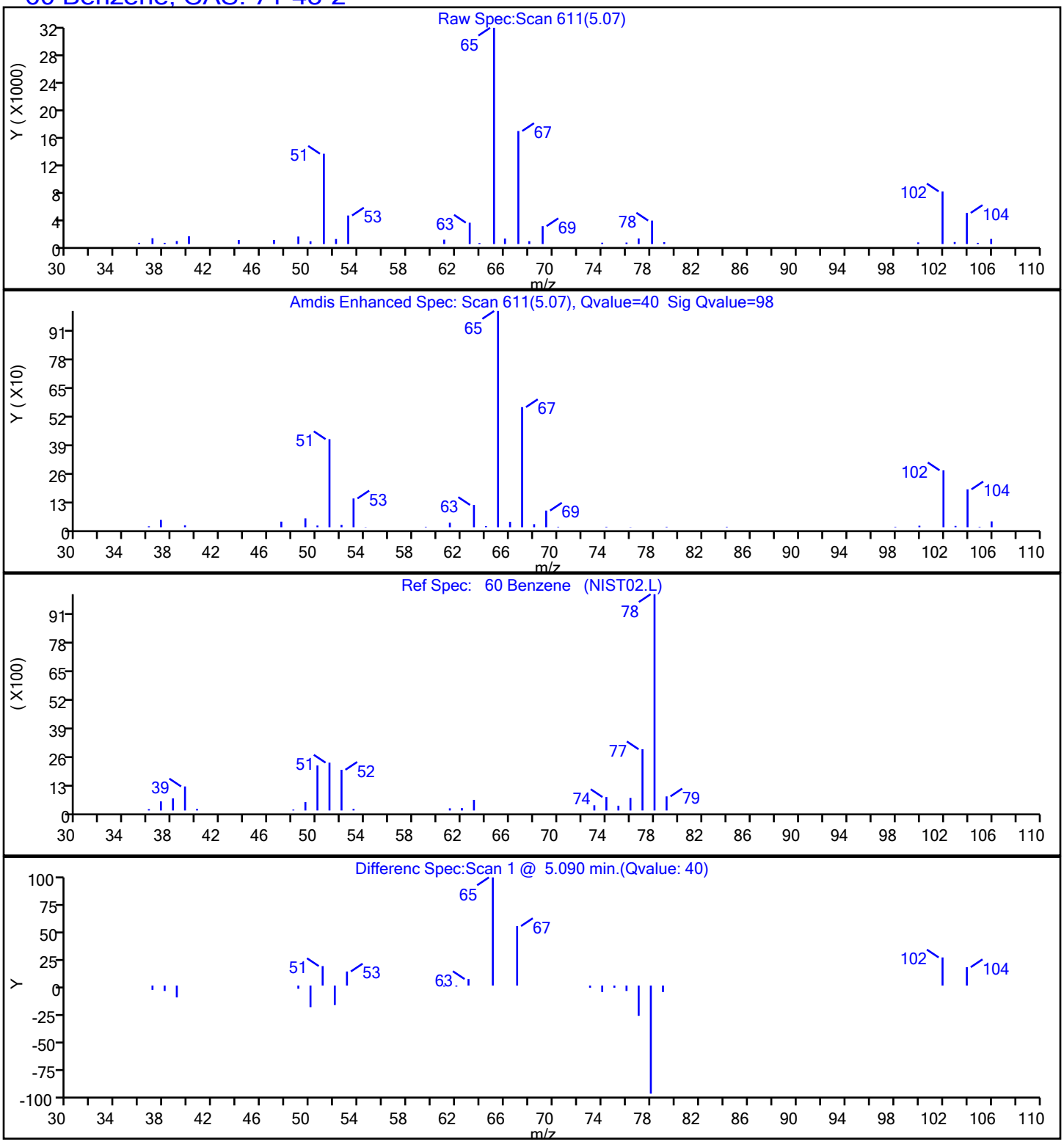
Report Date: 01-Aug-2025 18:36:54 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30100.D

Injection Date:	01-Aug-2025 15:17:30	Instrument ID:	CVOAMS1		
Lims ID:	460-331763-A-5	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

60 Benzene, CAS: 71-43-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-13D | Lab Sample ID: 460-331763-6

Matrix: Water | Lab File ID: A30101.D

Analysis Method: 8260D | Date Collected: 07/29/2025 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 15:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	90		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30101.D
Lims ID: 460-331763-A-6
Client ID: MW-13D
Sample Type: Client
Inject. Date: 01-Aug-2025 15:42:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-6
Misc. Info.: 460-0194382-023
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:37:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	127964	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	160306	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	116298	51.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	106553	47.4	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	452135	50.0	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	16376	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	100	463606	46.3	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	83	371644	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	127337	45.1	
* 121 1,4-Dichlorobenzene-d4	152	11.228	11.228	0.000	95	170715	50.0	

Reagents:

8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

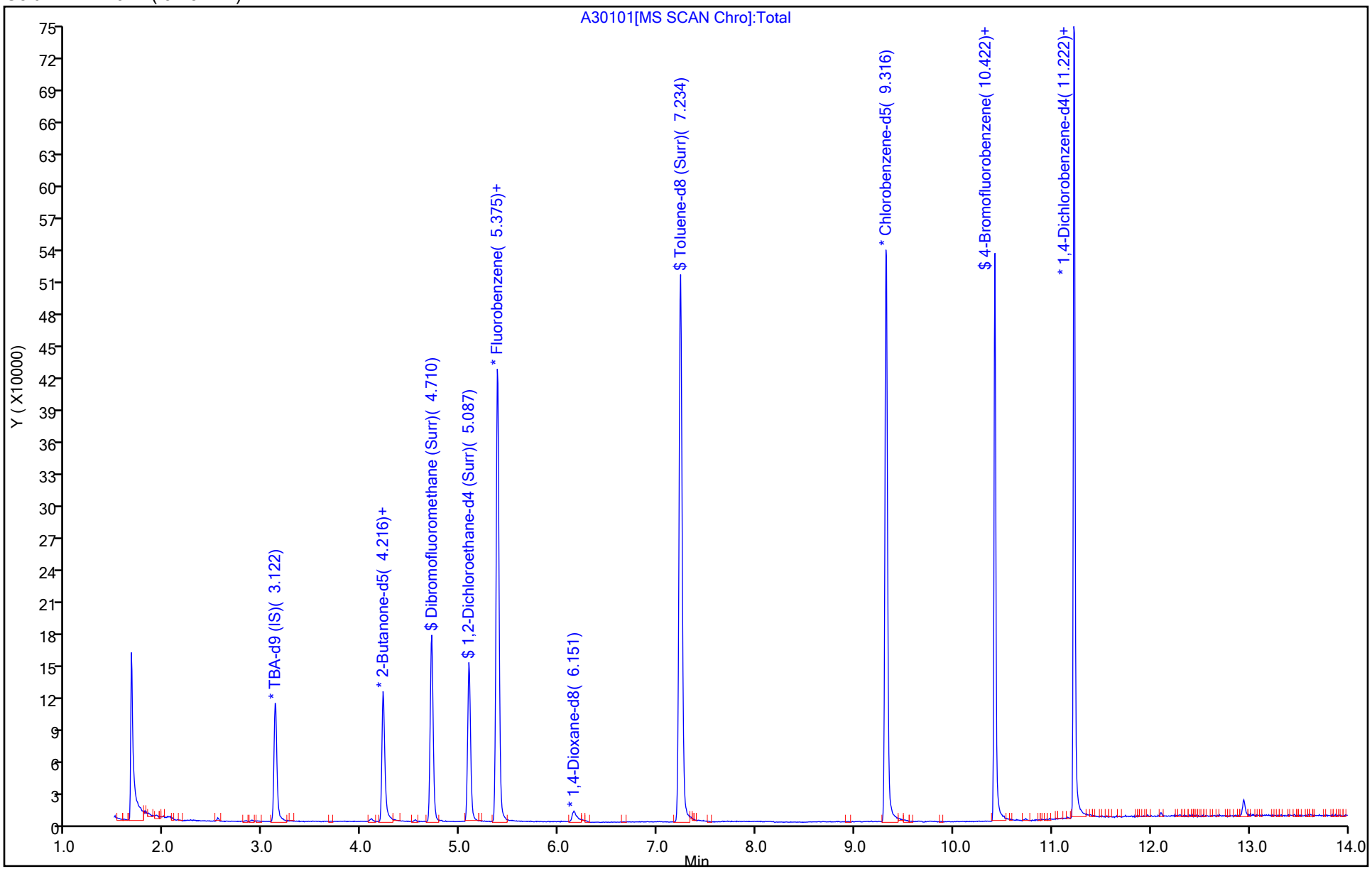
Report Date: 01-Aug-2025 18:37:02 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30101.D

Injection Date:	01-Aug-2025 15:42:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331763-A-6	Lab Sample ID:	460-331763-6	Worklist Smp#:	23
Client ID:	MW-13D				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30101.D
Lims ID: 460-331763-A-6
Client ID: MW-13D
Sample Type: Client
Inject. Date: 01-Aug-2025 15:42:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-6
Misc. Info.: 460-0194382-023
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:37:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.5	103.00
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.4	94.74
$ 83 Toluene-d8 (Surr)	50.0	46.3	92.56
$ 105 4-Bromofluorobenzene	50.0	45.1	90.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-4S | Lab Sample ID: 460-331763-7

Matrix: Water | Lab File ID: A30102.D

Analysis Method: 8260D | Date Collected: 07/29/2025 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 16:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30102.D
Lims ID: 460-331763-A-7
Client ID: MW-4S
Sample Type: Client
Inject. Date: 01-Aug-2025 16:06:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-7
Misc. Info.: 460-0194382-024
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:37:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	132327	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	156013	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	96	114522	51.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	108447	48.5	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	449026	50.0	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	13848	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.233	7.228	0.005	100	464453	51.4	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	82	335137	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	89	127415	50.1	
* 121 1,4-Dichlorobenzene-d4	152	11.233	11.228	0.005	95	164580	50.0	

Reagents:

8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

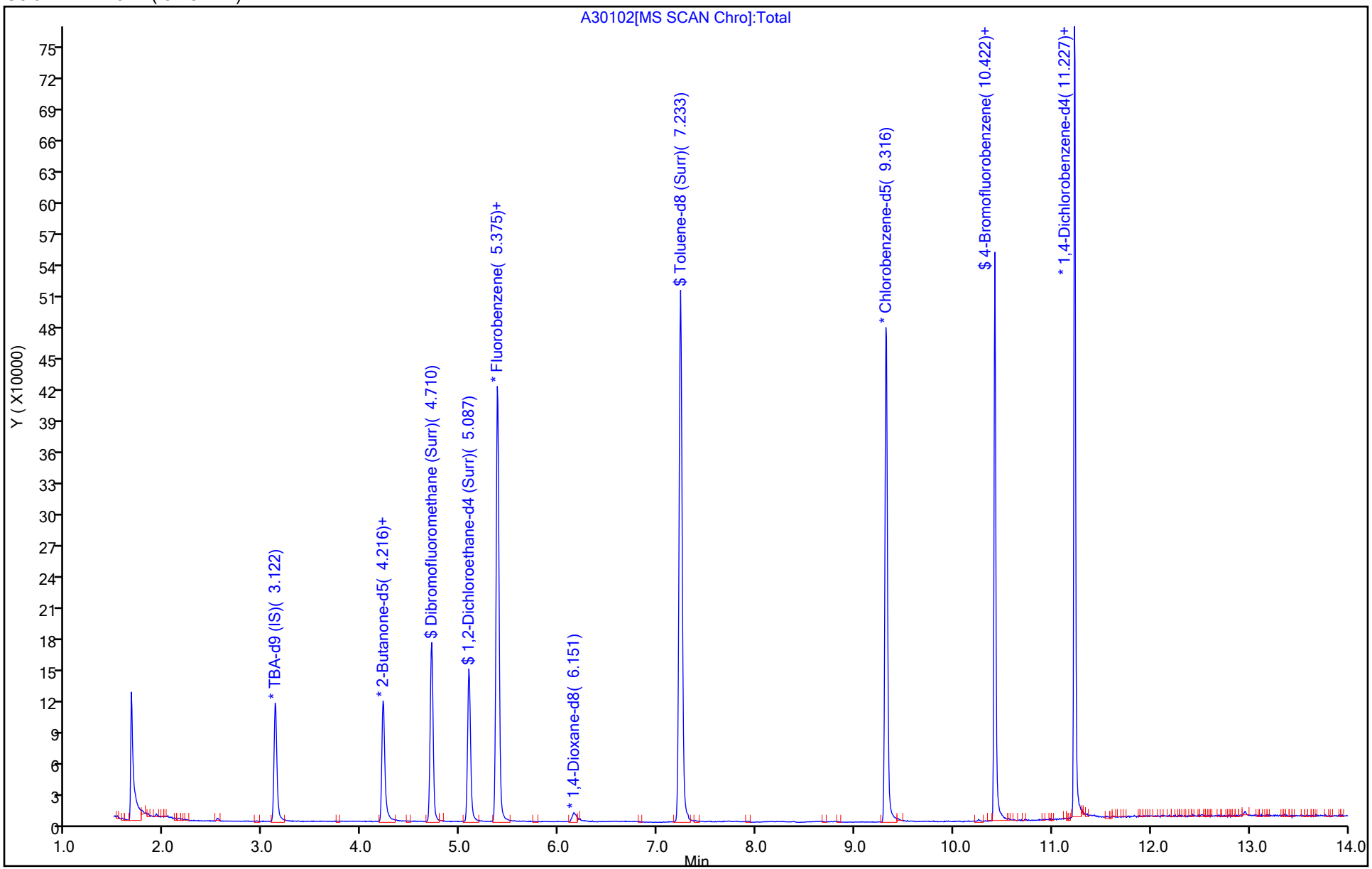
Report Date: 01-Aug-2025 18:37:08 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30102.D

Injection Date:	01-Aug-2025 16:06:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	460-331763-A-7	Lab Sample ID:	460-331763-7	Worklist Smp#:	24
Client ID:	MW-4S				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30102.D
Lims ID: 460-331763-A-7
Client ID: MW-4S
Sample Type: Client
Inject. Date: 01-Aug-2025 16:06:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-331763-A-7
Misc. Info.: 460-0194382-024
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 16:25:11 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: XE5L Date: 01-Aug-2025 18:37:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	51.1	102.13
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	48.5	97.09
$ 83 Toluene-d8 (Surr)	50.0	51.4	102.83
$ 105 4-Bromofluorobenzene	50.0	50.1	100.12

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1037325/4	A26558.D
Level 2	STD8 460-1037325/19	A26573.D
Level 3	STD1 460-1037325/20	A26574.D
Level 4	STD5 460-1037325/6	A26560.D
Level 5	STD20 460-1037325/7	A26561.D
Level 6	STD50 460-1037325/8	A26562.D
Level 7	STD200 460-1037325/9	A26563.D
Level 8	STD500 460-1037325/10	A26564.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0440	+++++ 0.0541	0.0523 0.0637	0.0445	0.0438	Ave		0.0504				15.7		20.0			
Dichlorodifluoromethane	+++++ 0.2996	+++++ 0.3426	0.3585 0.3827	0.3740	0.3108	Ave		0.3447			0.1000	9.8		20.0			
Chlorodifluoromethane	+++++ 0.2485	+++++ 0.3066	0.3035 0.2869	0.3127	0.2918	Ave		0.2916				7.9		20.0			
Chloromethane	+++++ 0.3492	+++++ 0.3779	0.3717 0.3759	0.3635	0.3643	Ave		0.3671			0.0050	2.9		20.0			
Vinyl chloride	+++++ 0.3096	+++++ 0.3254	0.3047 0.3325	0.3375	0.3138	Ave		0.3206			0.0050	4.1		20.0			
Butadiene	0.4077 0.2536	+++++ 0.2577	0.3084 0.2731	0.2838	0.2539	Ave		0.2912				18.9		20.0			
Bromomethane	+++++ 0.2051	+++++ 0.2268	0.2023 0.2499	0.1859	0.1969	Ave		0.2111			0.0050	11.0		20.0			
Chloroethane	+++++ 0.2067	+++++ 0.2141	0.2230 0.2167	0.2231	0.2118	Ave		0.2159			0.0050	3.0		20.0			
Dichlorofluoromethane	+++++ 0.5685	+++++ 0.5709	0.6420 0.5669	0.5844	0.5839	Ave		0.5861				4.9		20.0			
Trichlorofluoromethane	+++++ 0.3951	+++++ 0.3928	0.4499 0.4261	0.4184	0.4031	Ave		0.4143			0.1000	5.3		20.0			
Pentane	+++++ 3.2824	+++++ 2.6024	4.4772 3.0581	4.1578	3.2899	QuaF		2.4476	0.0006057						0.9990		0.9900
Ethanol	+++++ 0.0717	+++++ 0.0709	0.1554 0.0701	0.0824	0.0755	Lin2	3.4058	0.0696							0.9990		0.9900
Ethyl ether	+++++ 0.1781	+++++ 0.1796	0.3506 0.1794	0.2164	0.1861	Lin2	0.1729	0.1782							1.0000		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2126	+++++ 0.1846	0.2397 0.2036	0.2414	0.2107	Ave		0.2154				10.1		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2015	+++++ 0.1957	0.2375 0.2141	0.2116	0.1949	Ave		0.2092				7.6		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3552	+++++ 0.3391	0.3886 0.3595	0.3731	0.3433	Ave		0.3598				5.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2098	+++++ 0.1893	0.2612 0.2134	0.2537	0.2098	Ave		0.2229			0.1000	12.7		20.0			
Acrolein	+++++ 1.9923	+++++ 2.1103	3.2237 2.1621	1.9378	2.0115	Lin2	4.8028	1.9655							0.9920		0.9900
1,1-Dichloroethene	+++++ 0.2311	+++++ 0.2109	0.2827 0.2204	0.2406	0.2428	Ave		0.2381			0.1000	10.5		20.0			
Acetone	+++++ 0.2221	+++++ 0.3153	0.2197 0.3022	0.2271	0.2290	Ave		0.2526			0.0010	17.4		20.0			
Isopropyl alcohol	+++++ 0.7214	+++++ 0.6916	0.9077 0.7003	0.7751	0.7099	Ave		0.7510				11.0		20.0			
Iodomethane	+++++ 0.3216	+++++ 0.3349	0.2757 0.3513	0.2370	0.2738	Ave		0.2991				14.6		20.0			
Carbon disulfide	+++++ 0.8028	+++++ 0.6204	1.0415 0.6365	0.8437	0.8008	Ave		0.7910			0.1000	19.5		20.0			
Methyl acetate	+++++ 8.3406	+++++ 8.5328	8.6669 8.6891	8.7176	8.7328	Ave		8.6133			0.0500	1.8		20.0			
3-Chloro-1-propene	+++++ 0.1634	+++++ 0.1592	0.1889 0.1554	0.1649	0.1709	Ave		0.1671				7.1		20.0			
Cyclopentene	+++++ 0.6441	+++++ 0.5282	0.8187 0.5699	0.7241	0.6296	Ave		0.6524				16.2		20.0			
Acetonitrile	+++++ 1.6211	+++++ 1.6751	1.5816 1.6125	1.5156	1.6634	Ave		1.6116				3.6		20.0			
Methylene Chloride	+++++ 0.2786	+++++ 0.2675	0.2772 0.2663	0.2873	0.2859	Ave		0.2771			0.1000	3.2		20.0			
2-Methyl-2-propanol	+++++ 1.1619	+++++ 1.1804	1.2213 1.1484	1.2063	1.1744	Ave		1.1821				2.3		20.0			
Methyl tert-butyl ether	+++++ 0.5834	+++++ 0.5935	0.6231 0.5938	0.5538	0.5967	Ave		0.5907			0.1000	3.8		20.0			
trans-1,2-Dichloroethene	+++++ 0.2777	+++++ 0.2510	0.2899 0.2547	0.2895	0.2802	Ave		0.2738			0.1000	6.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.0533 0.0489	+++++ 0.0523	0.0544 0.0537	0.0493	0.0511	Ave		0.0518				4.1		20.0			
Hexane	+++++ 0.1338	+++++ 0.1018	0.2036 0.1081	0.1950	0.1415	Ave		0.1473				29.2	*	20.0			
Isopropyl ether	+++++ 0.7691	+++++ 0.7477	0.8424 0.7418	0.7661	0.7900	Ave		0.7762				4.7		20.0			
1,1-Dichloroethane	+++++ 0.4998	+++++ 0.4762	0.5021 0.4791	0.4952	0.4967	Ave		0.4915			0.2000	2.2		20.0			
Vinyl acetate	+++++ 3.2326	+++++ 3.2302	2.4801 3.1662	3.3463	3.5973	Ave		3.1754				11.8		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2386	+++++ 0.2140	0.2615 0.2232	0.2446	0.2403	Ave		0.2370				7.0		20.0			
Tert-butyl ethyl ether	+++++ 0.7280	+++++ 0.7076	0.7318 0.7151	0.7074	0.7378	Ave		0.7213				1.8		20.0			
2,2-Dichloropropane	+++++ 0.0965	+++++ 0.0914	0.0878 0.0946	0.1060	0.0988	Ave		0.0959				6.6		20.0			
cis-1,2-Dichloroethene	+++++ 0.3046	+++++ 0.2935	0.3466 0.3023	0.3074	0.3009	Ave		0.3092			0.1000	6.1		20.0			
Ethyl acetate	+++++ 0.3402	+++++ 0.3428	0.7158 0.3377	0.3210	0.3464	Qua	0.0806	0.3451	-0.000007						1.0000		0.9900
2-Butanone (MEK)	+++++ 0.3008	+++++ 0.3597	0.4914 0.3494	0.3163	0.3146	Ave		0.3554			0.0100	19.8		20.0			
Methyl acrylate	+++++ 0.1346	+++++ 0.1329	0.1860 0.1348	0.1258	0.1424	Ave		0.1427				15.3		20.0			
Propionitrile	+++++ 1.6672	+++++ 1.6594	1.7610 1.6346	1.7563	1.6984	Ave		1.6961				3.1		20.0			
Chlorobromomethane	+++++ 0.1282	+++++ 0.1254	0.1252 0.1315	0.1193	0.1261	Ave		0.1260				3.2		20.0			
Tetrahydrofuran	+++++ 0.9909	+++++ 1.0228	2.1910 0.9675	1.0617	1.1359	Lin2	2.3820	0.9748							0.9920		0.9900
Methacrylonitrile	+++++ 0.0684	+++++ 0.0686	0.0642 0.0709	0.0648	0.0697	Ave		0.0678				3.9		20.0			
Chloroform	+++++ 0.4833	+++++ 0.4755	0.5127 0.4786	0.5088	0.4949	Ave		0.4923			0.2000	3.2		20.0			
Cyclohexane	+++++ 0.3445	+++++ 0.2855	0.4238 0.3103	0.4286	0.3496	Ave		0.3571			0.1000	16.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.4093	+++++ 0.3878	0.4450 0.4010	0.4482	0.4056	Ave		0.4161			0.1000	5.9		20.0			
Carbon tetrachloride	+++++ 0.3347	+++++ 0.3127	0.3385 0.3307	0.3523	0.3338	Ave		0.3338			0.1000	3.8		20.0			
1,1-Dichloropropene	+++++ 0.3650	+++++ 0.3324	0.4141 0.3413	0.3752	0.3635	Ave		0.3652				7.9		20.0			
Isobutyl alcohol	+++++ 0.4704	+++++ 0.4860	0.5738 0.4897	0.5294	0.4740	Ave		0.5039				8.0		20.0			
Isooctane	+++++ 0.3589	+++++ 0.3145	0.6118 0.3466	0.5774	0.3612	Ave		0.4284				30.4	*	20.0			
Benzene	+++++ 1.5546	1.9898 1.4387	1.7188 1.3519	1.5410	1.5412	Ave		1.5909			0.5000	13.1		20.0			
Isopropyl acetate	+++++ 0.0697	+++++ 0.0694	0.3028 0.0717	0.1128	0.0873	Lin2	0.2330	0.0694							0.9970		0.9900
Tert-amyl methyl ether	+++++ 0.1850	+++++ 0.1812	0.1982 0.1844	0.1785	0.1872	Ave		0.1857				3.7		20.0			
1,2-Dichloroethane	+++++ 0.2982	0.4418 0.2952	0.3261 0.2894	0.3111	0.3122	Ave		0.3248			0.1000	16.3		20.0			
n-Heptane	+++++ 0.0968	+++++ 0.0784	0.1504 0.0846	0.1665	0.0985	Ave		0.1125				32.6	*	20.0			
n-Butanol	+++++ 0.3169	+++++ 0.3295	0.4333 0.3391	0.3062	0.3220	Ave		0.3412				13.6		20.0			
Trichloroethene	+++++ 0.2858	0.3214 0.2720	0.2879 0.2820	0.2925	0.2838	Ave		0.2893			0.2000	5.3		20.0			
Ethyl acrylate	+++++ 0.0270	+++++ 0.0250	0.0267 0.0269	0.0323	0.0289	Ave		0.0278				9.1		20.0			
Methylcyclohexane	+++++ 0.2842	+++++ 0.2452	0.3447 0.2710	0.3635	0.2798	Ave		0.2981			0.1000	15.4		20.0			
1,2-Dichloropropane	+++++ 0.2704	0.2979 0.2673	0.3046 0.2660	0.2729	0.2737	Ave		0.2790			0.1000	5.6		20.0			
Methyl methacrylate	+++++ 0.1205	+++++ 0.1180	0.1542 0.1213	0.1201	0.1271	Ave		0.1268				10.8		20.0			
1,4-Dioxane	+++++ 1.0659	+++++ 1.2005	0.7001 1.2633	1.1363	1.1430	Ave		1.0848				18.4		20.0			
n-Propyl acetate	+++++ 0.2037	+++++ 0.2066	0.2618 0.2082	0.1919	0.2057	Ave		0.2130				11.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dibromomethane	+++++ 0.1380	+++++ 0.1386	0.1355 0.1413	0.1401	0.1478	Ave		0.1402				3.0		20.0			
Dichlorobromomethane	+++++ 0.3587	0.4015 0.3606	0.3661 0.3636	0.3594	0.3608	Ave		0.3673			0.2000	4.2		20.0			
2-Nitropropane	+++++ 0.0377	+++++ 0.0388	0.0652 0.0400	0.0381	0.0437	Lin2	0.0518	0.0384							0.9920		0.9900
Epichlorohydrin	0.2082 0.1934	+++++ 0.2188	0.2535 0.2298	0.2040	0.1840	Ave		0.2131				11.0		20.0			
cis-1,3-Dichloropropene	+++++ 0.6495	0.8065 0.6170	0.7173 0.6053	0.6113	0.6355	Ave		0.6632			0.2000	11.1		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.4665	+++++ 2.5668	2.8382 2.4474	2.6118	2.5023	Ave		2.5722			0.0500	5.6		20.0			
Toluene	+++++ 1.6037	+++++ 1.5090	1.8313 1.4773	1.5946	1.5809	Ave		1.5995			0.4000	7.8		20.0			
trans-1,3-Dichloropropene	+++++ 0.5171	0.6368 0.5128	0.5516 0.5052	0.4986	0.5189	Ave		0.5345			0.1000	9.0		20.0			
Ethyl methacrylate	+++++ 0.2476	+++++ 0.2514	0.2323 0.2555	0.2529	0.2593	Ave		0.2498				3.8		20.0			
1,1,2-Trichloroethane	+++++ 0.2439	0.1484 0.2424	0.2477 0.2360	0.2587	0.2476	Ave		0.2321			0.1000	16.2		20.0			
Tetrachloroethene	+++++ 0.3572	0.4761 0.3335	0.3660 0.3399	0.3540	0.3536	Ave		0.3686			0.2000	13.2		20.0			
1,3-Dichloropropane	+++++ 0.4850	+++++ 0.4810	0.4566 0.4691	0.5045	0.5034	Ave		0.4833				3.9		20.0			
2-Hexanone	+++++ 0.9470	+++++ 1.0537	0.9476 1.0188	0.9662	0.9759	Ave		0.9849			0.0500	4.3		20.0			
n-Butyl acetate	+++++ 0.0636	+++++ 0.0614	0.0519 0.0606	0.0611	0.0663	Ave		0.0608				8.0		20.0			
Chlorodibromomethane	+++++ 0.3408	0.1703 0.3393	0.3255 0.3358	0.3147	0.3429	Lin2	-0.0333	0.3397			0.1000				0.9990		0.9900
Ethylene Dibromide	+++++ 0.2706	+++++ 0.2687	0.3084 0.2608	0.2760	0.2746	Ave		0.2765			0.1000	6.0		20.0			
Chlorobenzene	+++++ 0.9997	+++++ 0.9650	1.1247 0.9709	1.0012	0.9959	Ave		1.0096			0.5000	5.8		20.0			
Ethylbenzene	+++++ 0.5496	+++++ 0.5246	0.6584 0.5338	0.5656	0.5324	Ave		0.5607			0.1000	8.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	+++++ 0.3569	+++++ 0.3627	0.2591 0.3625	0.3497	0.3481	Ave		0.3399				11.8		20.0			
m-Xylene & p-Xylene	+++++ 0.6783	+++++ 0.6316	0.7907 0.6213	0.6787	0.6647	Ave		0.6776			0.1000	8.9		20.0			
n-Butyl acrylate	+++++ 0.2128	+++++ 0.2155	0.2325 0.2221	0.2174	0.2317	Ave		0.2220				3.8		20.0			
o-Xylene	+++++ 0.6587	+++++ 0.6350	0.7532 0.6387	0.6231	0.6519	Ave		0.6601			0.3000	7.2		20.0			
Styrene	+++++ 1.1084	+++++ 1.0724	1.1317 1.0543	1.0578	1.0970	Ave		1.0870			0.3000	2.8		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8307	+++++ 0.8193	0.9886 0.8246	0.8388	0.8858	Ave		0.8646				7.5		20.0			
Bromoform	+++++ 0.1835	+++++ 0.1904	0.1710 0.1929	0.1691	0.1828	Ave		0.1816			0.1000	5.4		20.0			
Isopropylbenzene	+++++ 1.4587	+++++ 1.3853	1.6021 1.3960	1.5149	1.4331	Ave		1.4650			0.1000	5.6		20.0			
Bromobenzene	+++++ 0.8094	+++++ 0.7933	0.8982 0.8497	0.7882	0.8046	Ave		0.8239				5.1		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.5659	0.5369 0.5652	0.5780 0.5936	0.5401	0.5765	Ave		0.5652			0.3000	3.6		20.0			
N-Propylbenzene	+++++ 3.8905	+++++ 3.6684	4.6638 3.7547	3.9417	3.8683	Ave		3.9646				9.0		20.0			
1,2,3-Trichloropropane	+++++ 0.1650	+++++ 0.1630	0.1449 0.1699	0.1607	0.1604	Ave		0.1606				5.3		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1638	+++++ 0.1584	0.1979 0.1643	0.1763	0.1680	Ave		0.1715				8.3		20.0			
2-Chlorotoluene	+++++ 2.7269	+++++ 2.6364	3.2337 2.7291	2.6647	2.7249	Ave		2.7859				8.0		20.0			
4-Ethyltoluene	+++++ 3.1992	+++++ 3.0883	3.8831 3.2284	3.1763	3.0900	Ave		3.2776				9.2		20.0			
1,3,5-Trimethylbenzene	+++++ 2.5404	+++++ 2.4565	2.9770 2.5098	2.4884	2.4893	Ave		2.5769				7.7		20.0			
4-Chlorotoluene	+++++ 2.4614	+++++ 2.3508	3.0408 2.3997	2.4919	2.5099	Ave		2.5424				9.9		20.0			
Butyl Methacrylate	+++++ 0.9039	+++++ 0.8899	1.0688 0.9094	0.8953	0.8974	Ave		0.9274				7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	+++++ 2.0964	+++++ 1.9943	2.4289 2.0613	2.0602	2.0520	Ave		2.1155				7.4		20.0			
1,2,4-Trimethylbenzene	+++++ 2.6342	+++++ 2.6035	2.9403 2.6443	2.5300	2.5717	Ave		2.6540				5.5		20.0			
sec-Butylbenzene	+++++ 0.5837	+++++ 0.5432	0.8118 0.5714	0.6064	0.5755	Ave		0.6153				16.0		20.0			
4-Isopropyltoluene	+++++ 2.5210	+++++ 2.5079	3.1312 2.5869	2.5220	2.4818	Ave		2.6251				9.5		20.0			
1,3-Dichlorobenzene	+++++ 1.4891	+++++ 1.4862	1.6874 1.5785	1.3913	1.4430	Ave		1.5126			0.6000	7.0		20.0			
1,4-Dichlorobenzene	+++++ 1.4773	+++++ 1.4909	1.8580 1.5924	1.4809	1.4550	Ave		1.5591			0.5000	9.9		20.0			
1,2,3-Trimethylbenzene	+++++ 2.6215	+++++ 2.6460	3.1371 2.6938	2.5097	2.5889	Ave		2.6995				8.3		20.0			
Benzyl chloride	+++++ 1.1278	+++++ 1.1368	1.1585 1.1407	1.0836	1.1471	Ave		1.1324				2.3		20.0			
Indan	+++++ 2.3631	+++++ 2.3376	2.9053 2.3301	2.4149	2.4092	Ave		2.4600				9.0		20.0			
p-Diethylbenzene	+++++ 1.4477	+++++ 1.4280	2.0048 1.4486	1.4640	1.5000	Ave		1.5489				14.5		20.0			
n-Butylbenzene	+++++ 1.2118	+++++ 1.1729	1.6374 1.1503	1.2096	1.2080	Ave		1.2650				14.6		20.0			
1,2-Dichlorobenzene	+++++ 1.2647	+++++ 1.2807	1.4497 1.2984	1.2808	1.2776	Ave		1.3086			0.4000	5.3		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.0388	+++++ 2.1267	2.9536 2.1171	1.9677	2.0569	Ave		2.2101				16.7		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0930	+++++ 0.0984	0.1045 0.0974	0.0671	0.0852	Ave		0.0909			0.0500	14.6		20.0			
1,3,5-Trichlorobenzene	+++++ 0.7683	+++++ 0.8051	1.1385 0.8161	0.7925	0.7668	Ave		0.8479				17.0		20.0			
1,2,4-Trichlorobenzene	+++++ 0.6015	+++++ 0.6361	0.9928 0.6539	0.5503	0.6045	Qua2	0.4245	0.5525	0.0002350		0.2000				0.9930		0.9900
Hexachlorobutadiene	+++++ 0.2437	+++++ 0.2447	0.4800 0.2525	0.2369	0.2349	Qua2	0.2575	0.2167	0.0000820						0.9940		0.9900
Naphthalene	+++++ 1.1188	+++++ 1.1370	2.0124 1.2022	1.0782	1.1072	Lin2	0.8876	1.0871							0.9900		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 Calibration End Date: 05/14/2025 10:45 Calibration ID: 100886

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	+++++ 0.4299	+++++ 0.4463	0.8488 0.4640	0.3875	0.4307	Qua	-0.031	0.4336	0.0000611						1.0000		0.9900
Dibromofluoromethane (Surr)	0.2478 0.2511	0.2492 0.2454	0.2485 0.2545	0.2478	0.2535	Ave		0.2497				1.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2460 0.2502	0.2455 0.2489	0.2485 0.2498	0.2502	0.2509	Ave		0.2488				0.8		20.0			
Toluene-d8 (Surr)	1.3440 1.3561	1.3654 1.3553	1.3565 1.2927	1.3671	1.3444	Ave		1.3477				1.8		20.0			
4-Bromofluorobenzene	0.3682 0.3866	0.3836 0.3773	0.3785 0.3764	0.3821	0.3852	Ave		0.3797				1.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1037325/4	A26558.D
Level 2	STD8 460-1037325/19	A26573.D
Level 3	STD1 460-1037325/20	A26574.D
Level 4	STD5 460-1037325/6	A26560.D
Level 5	STD20 460-1037325/7	A26561.D
Level 6	STD50 460-1037325/8	A26562.D
Level 7	STD200 460-1037325/9	A26563.D
Level 8	STD500 460-1037325/10	A26564.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 22383	+++++ 108654	555 325840	2296	8971	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 152604	+++++ 688345	3805 1957459	19309	63594	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 126557	+++++ 615975	3221 1467493	16144	59700	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 177856	+++++ 759237	3945 1922528	18766	74544	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 157657	+++++ 653870	3234 1700583	17425	64207	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1055 129168	+++++ 517891	3274 1396615	14652	51945	0.250 50.0	+++++ 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 104429	+++++ 455654	2147 1277997	9597	40282	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 105274	+++++ 430246	2367 1108492	11517	43334	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 289516	+++++ 1147143	6815 2899349	30173	119464	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 201233	+++++ 789317	4776 2179251	21603	82479	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Pentane	TBAd9	QuaF	+++++ 38950	+++++ 119256	1168 367694	4893	15734	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Ethanol	TBAd9	Lin2	+++++ 17010	+++++ 64987	811 168641	1940	7222	+++++ 2000	+++++ 8000	40.0 20000	200	800
Ethyl ether	FB	Lin2	+++++ 90703	+++++ 360874	3721 917702	11172	38080	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 108280	+++++ 370861	2544 1041362	12463	43108	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 102636	+++++ 393178	2521 1095153	10925	39873	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 180884	+++++ 681293	4125 1838973	19265	70245	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 106848	+++++ 380359	2772 1091670	13101	42927	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrolein	TBAd9	Lin2	+++++ 23642	+++++ 48354	1682 103985	4561	9620	+++++ 100	+++++ 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 117717	+++++ 423859	3001 1127074	12421	49681	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 30116	+++++ 165375	617 423559	3100	12684	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Isopropyl alcohol	TBAd9	Ave	+++++ 42800	+++++ 158460	1184 420979	4561	16975	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Iodomethane	FB	Ave	+++++ 163807	+++++ 672993	2926 1796798	12235	56029	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	+++++ 408854	+++++ 1246556	11055 3255406	43563	163851	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methyl acetate	TBAd9	Ave	+++++ 98973	+++++ 391022	2261 1044742	10259	41765	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
3-Chloro-1-propene	FB	Ave	+++++ 83197	+++++ 319963	2005 795068	8516	34966	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Cyclopentene	FB	Ave	+++++ 328052	+++++ 1061316	8690 2915020	37385	128819	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acetonitrile	TBAd9	Ave	+++++ 96181	+++++ 383806	2063 969426	8918	39777	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 141886	+++++ 537415	2942 1362247	14832	58486	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 68935	+++++ 270470	1593 690403	7098	28083	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 297114	+++++ 1192412	6614 3037119	28595	122080	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 141406	+++++ 504355	3077 1302537	14950	57331	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	1104 248978	+++++ 1050318	5770 2745145	25461	104583	2.00 500	+++++ 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 68127	+++++ 204578	2161 552943	10069	28950	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 391683	+++++ 1502429	8942 3793955	39555	161626	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 254538	+++++ 956820	5330 2450409	25570	101628	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	TBAd9	Ave	+++++ 38359	+++++ 148025	647 380695	3938	17204	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 121520	+++++ 430067	2776 1141485	12629	49167	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 370767	+++++ 1421789	7768 3657584	36526	150950	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 49151	+++++ 183685	932 483892	5471	20224	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 155147	+++++ 589730	3679 1546436	15870	61567	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	Qua	+++++ 18454	+++++ 71921	804 189348	1753	7674	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
2-Butanone (MEK)	BUT	Ave	+++++ 40783	+++++ 188655	1380 489815	4319	17421	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Methyl acrylate	FB	Ave	+++++ 68566	+++++ 266963	1974 689611	6496	29125	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Propionitrile	TBAd9	Ave	+++++ 98919	+++++ 380214	2297 982681	10334	40613	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	+++++ 65309	+++++ 251959	1329 672687	6162	25804	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Lin2	+++++ 53746	+++++ 214588	2461 542495	5798	25162	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	+++++ 348347	+++++ 1377772	6819 3626617	33456	142529	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 246153	+++++ 955351	5442 2448050	26273	101258	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 175469	+++++ 573663	4498 1586981	22131	71530	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 208448	+++++ 779164	4723 2050856	23140	82985	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 170478	+++++ 628278	3593 1691393	18188	68302	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 185907	+++++ 667966	4395 1745508	19370	74366	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 69780	+++++ 278370	1871 736050	7788	28334	+++++ 1250	+++++ 5000	25.0 12500	125	500
Isooctane	FB	Ave	+++++ 182768	+++++ 631850	6494 1772540	29812	73901	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 547704	2909 2074877	12516 5228146	54994	221367	+++++ 50.0	0.200 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl acetate	FB	Lin2	+++++ 35502	+++++ 139400	3214 366568	5825	17869	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 94198	+++++ 364085	2104 943036	9216	38308	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 151863	943 593130	3461 1480252	16064	63868	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 49295	+++++ 157591	1596 432747	8596	20152	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Ave	+++++ 46999	+++++ 188737	1413 509703	4504	19248	+++++ 1250	+++++ 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 145553	686 546568	3056 1442175	15103	58067	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 13746	+++++ 50207	283 137799	1668	5905	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 144734	+++++ 492669	3659 1386296	18769	57246	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 137729	636 537065	3233 1360705	14090	55993	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 122734	+++++ 474035	3273 1240585	12398	52007	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 16960	+++++ 70436	546 187416	1642	7136	+++++ 1000	+++++ 4000	50.0 10000	100	400
n-Propyl acetate	FB	Ave	+++++ 103730	+++++ 415056	2779 1065113	9906	42081	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromomethane	FB	Ave	+++++ 70272	+++++ 278442	1438 722907	7235	30244	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	+++++ 182672	857 724573	3886 1859908	18559	73827	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Lin2	+++++ 38364	+++++ 156034	1385 409514	3935	17890	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Epichlorohydrin	BUT	Ave	563 104884	+++++ 459113	2847 1288546	11142	40751	5.00 1000	+++++ 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 228818	1179 889854	5223 2340874	21817	91271	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 334467	+++++ 1346295	7970 3430657	35659	138573	+++++ 250	+++++ 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++ 565007	+++++ 2176166	13335 5713218	56909	227064	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++	931	4017	17794	74537	+++++	0.200	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			182190	739507	1953909			50.0	200	500		
Ethyl methacrylate	FB	Ave	+++++ 126117	+++++ 505040	2466 1306669	13058	53046	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd 5	Ave	+++++ 85946	217 349544	1804 912583	9232	35566	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd 5	Ave	+++++ 125831	696 481028	2665 1314462	12635	50790	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd 5	Ave	+++++ 170866	+++++ 693683	3325 1814009	18006	72304	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 128414	+++++ 552656	2661 1428091	13192	54043	+++++ 250	+++++ 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd 5	Ave	+++++ 22392	+++++ 88603	378 234290	2181	9522	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBNZd 5	Lin2	+++++ 120061	249 489342	2370 1298780	11232	49245	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZd 5	Ave	+++++ 95354	+++++ 387576	2246 1008465	9851	39440	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd 5	Ave	+++++ 352212	+++++ 1391645	8190 3754643	35732	143037	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd 5	Ave	+++++ 193621	+++++ 756581	4794 2064407	20186	76476	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd 5	Ave	+++++ 125734	+++++ 523128	1887 1402015	12481	50004	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd 5	Ave	+++++ 238985	+++++ 910873	5758 2402737	24222	95477	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZd 5	Ave	+++++ 74962	+++++ 310799	1693 858983	7758	33283	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
o-Xylene	CBNZd 5	Ave	+++++ 232065	+++++ 915828	5485 2469865	22236	93627	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Styrene	CBNZd 5	Ave	+++++	+++++	8241	37751	157568	+++++	+++++	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			390499	1546632	4077422			50.0	200	500		
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 143056	+++++ 578445	3501 1530008	14694	62067	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromoform	CBNZd 5	Ave	+++++ 64633	+++++ 274549	1245 745800	6035	26255	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd 5	Ave	+++++ 513920	+++++ 1997823	11666 5398592	54064	205844	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 139389	+++++ 560099	3181 1576732	13808	56382	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 97455	375 399068	2047 1101477	9462	40394	+++++ 50.0	0.200 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 669988	+++++ 2589957	16517 6967005	69053	271052	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 28418	+++++ 115058	513 315247	2816	11238	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 28205	+++++ 111865	701 304806	3089	11770	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 469607	+++++ 1861366	11452 5064019	46681	190932	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 550946	+++++ 2180404	13752 5990480	55645	216515	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 437490	+++++ 1734360	10543 4657089	43594	174424	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 423888	+++++ 1659714	10769 4452742	43654	175871	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	+++++ 155660	+++++ 628304	3785 1687455	15685	62879	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 361021	+++++ 1408030	8602 3824747	36092	143785	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 453637	+++++ 1838098	10413 4906551	44322	180197	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 100516	+++++ 383517	2875 1060300	10624	40326	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 434154	+++++ 1770652	11089 4800137	44182	173902	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 256434	+++++ 1049279	5976 2929024	24373	101113	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 254416	+++++ 1052628	6580 2954705	25943	101950	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 451457	+++++ 1868106	11110 4998444	43966	181403	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 194213	+++++ 802629	4103 2116527	18984	80379	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 406958	+++++ 1650394	10289 4323679	42306	168815	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 249310	+++++ 1008222	7100 2687979	25648	105103	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 208688	+++++ 828099	5799 2134427	21190	84644	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 217801	+++++ 904219	5134 2409203	22437	89521	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 351114	+++++ 1501479	10460 3928404	34471	144127	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 16016	+++++ 69473	370 180746	1176	5972	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 132308	+++++ 568408	4032 1514286	13883	53729	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Qua2	+++++ 103593	+++++ 449107	3516 1213343	9640	42358	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Qua2	+++++ 41970	+++++ 172739	1700 468548	4151	16458	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Lin2	+++++ 192675	+++++ 802718	7127 2230780	18889	77584	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Qua	+++++ 74037	+++++ 315073	3006 861015	6788	30179	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	128246 127871	132990 123251	131908 130193	127933	129647	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	127344 127428	130987 125008	131906 127772	129205	128343	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	489194 477771	499047 488656	493898 499929	487899	482751	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	134023 136192	140213 136033	137795 145558	136364	138308	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1037325

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2025 04:13 | Calibration End Date: 05/14/2025 10:45 | Calibration ID: 100886

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-1037325/4	A26558.D
Level 2	STD8 460-1037325/19	A26573.D
Level 3	STD1 460-1037325/20	A26574.D
Level 4	STD5 460-1037325/6	A26560.D
Level 5	STD20 460-1037325/7	A26561.D
Level 6	STD50 460-1037325/8	A26562.D
Level 7	STD200 460-1037325/9	A26563.D
Level 8	STD500 460-1037325/10	A26564.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethanol	+++++	+++++	1.1						30			
Ethyl ether	+++++	+++++	-0.3						30			
Acrolein	+++++	+++++	2.9						30			
Tetrahydrofuran	+++++	+++++	2.6						30			
Isopropyl acetate	+++++	+++++	0.6						30			
2-Nitropropane	+++++	+++++	2.4						30			
Chlorodibromomethane	+++++	-0.9						30				
Naphthalene	+++++	+++++	3.5						30			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 14-May-2025 04:13:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0190761-004
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:08:49 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: HVW2 Date: 14-May-2025 04:42:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
172 Butadiene	39	1.810	1.810	0.000	92	1055	0.2500	0.3500	M
* 30 TBA-d9 (IS)	65	3.116	3.110	0.006	0	117987	1000.0	1000.0	
35 Acrylonitrile	53	3.404	3.404	0.000	65	1104	2.00	2.06	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	135237	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.698	4.699	0.000	96	128246	50.0	49.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	127344	50.0	49.5	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	517583	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.128	6.134	-0.006	0	14410	1000.0	1000.0	
80 Epichlorohydrin	57	6.892	6.887	0.005	1	563	5.00	4.88	Ma
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	99	489194	50.0	49.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	86	363993	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	88	134023	50.0	48.5	
* 121 1,4-Dichlorobenzene-d4	152	11.221	11.222	-0.001	97	172293	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00205	Amount Added:	0.00	Units: uL	
524FREONS_00033	Amount Added:	0.00	Units: uL	
ACROLEIN W_00183	Amount Added:	0.00	Units: uL	
GASES Li_00641	Amount Added:	2.50	Units: uL	
GAS Hi_00495	Amount Added:	0.00	Units: uL	
Ethanol mix_00101	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00137	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00161	Amount Added:	0.00	Units: uL	
MIX I Hi_00188	Amount Added:	0.00	Units: uL	
7 Freons Hi_00027	Amount Added:	0.00	Units: uL	
14DIOXINTER_00184	Amount Added:	0.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:08:50 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D

Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1 Operator ID:

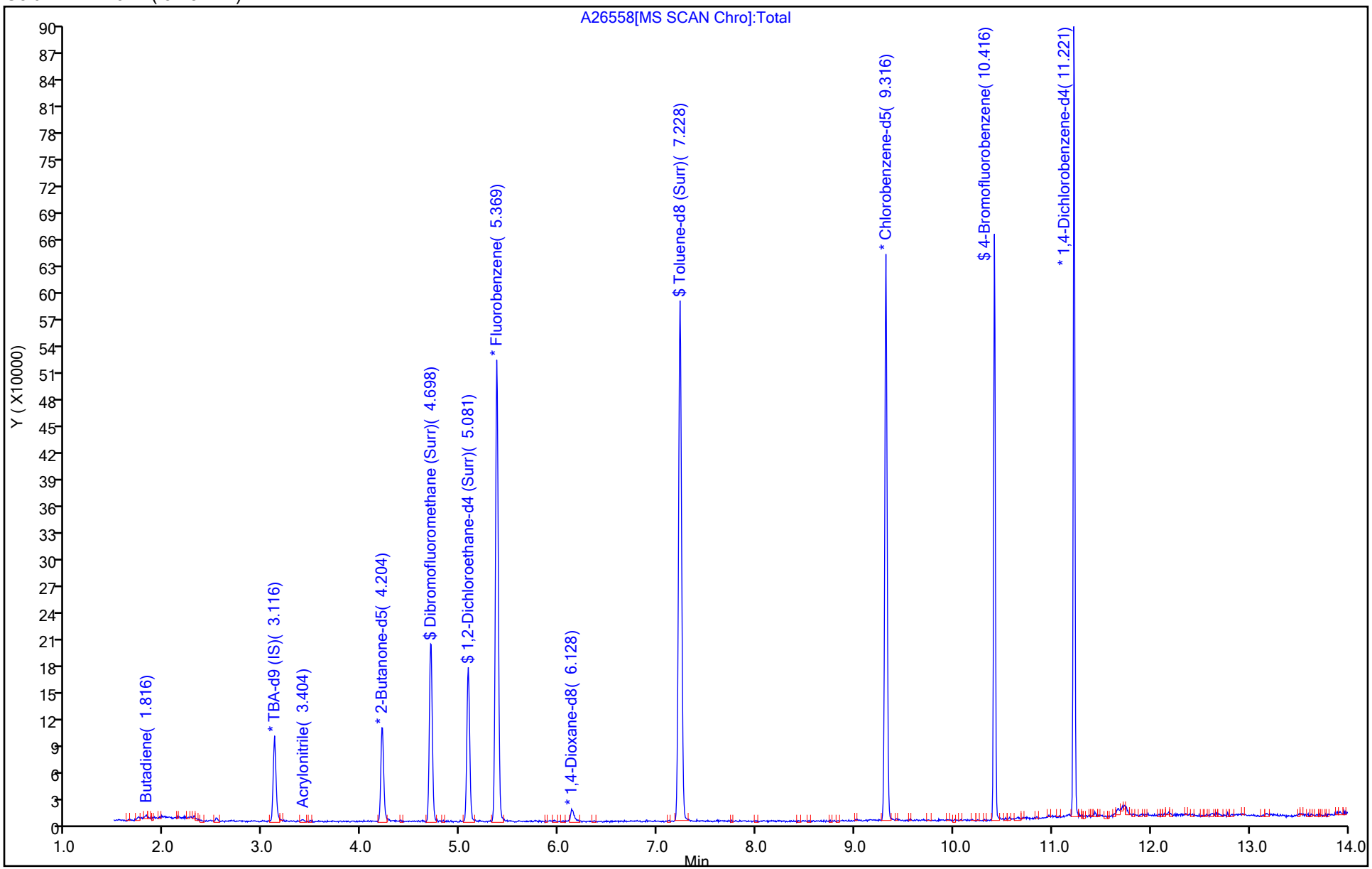
Lims ID: STD7 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

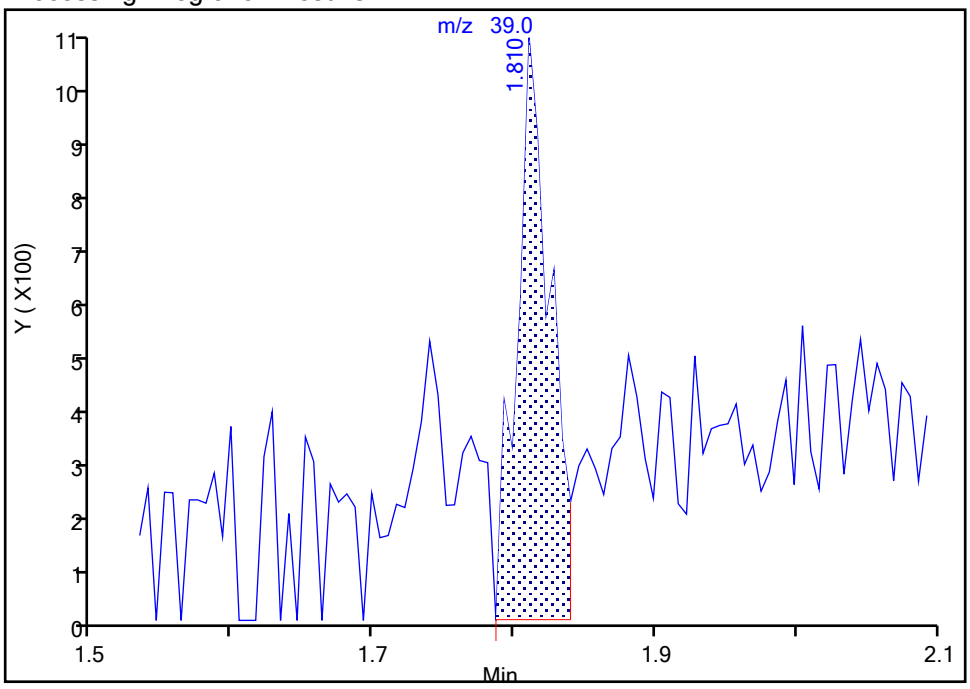
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

172 Butadiene, CAS: 106-99-0

Signal: 1

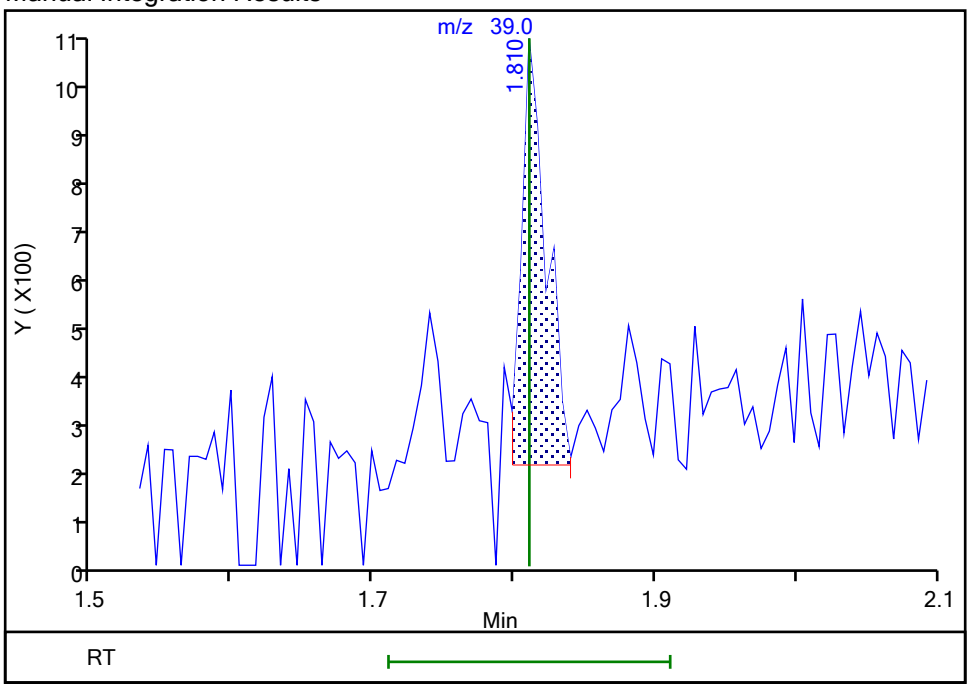
Processing Integration Results

RT: 1.81
Area: 1761
Amount: 0.685288
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 1055
Amount: 0.350021
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:49:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

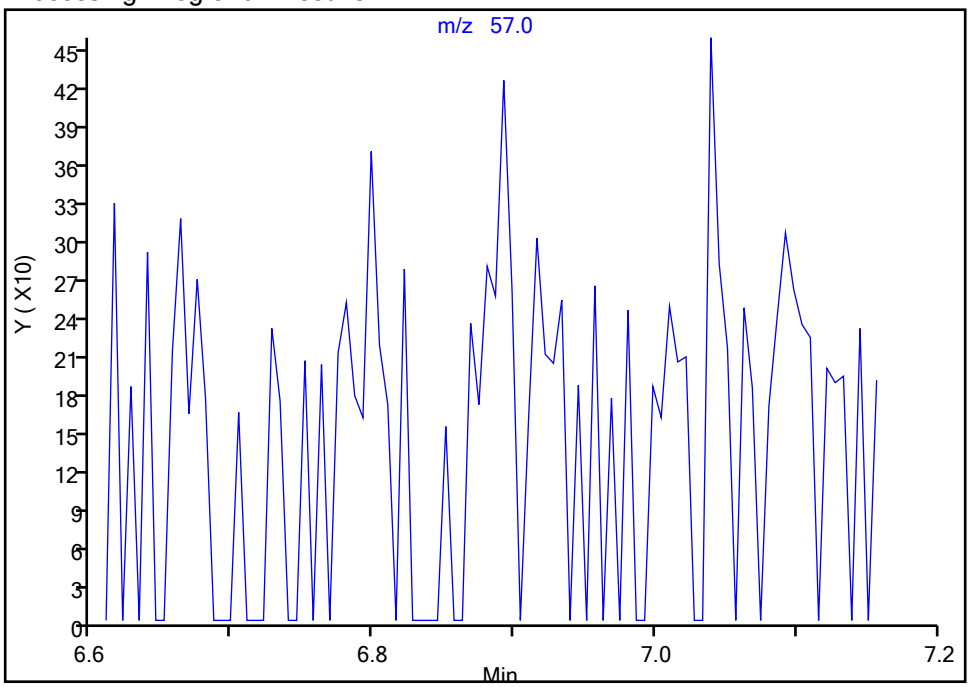
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

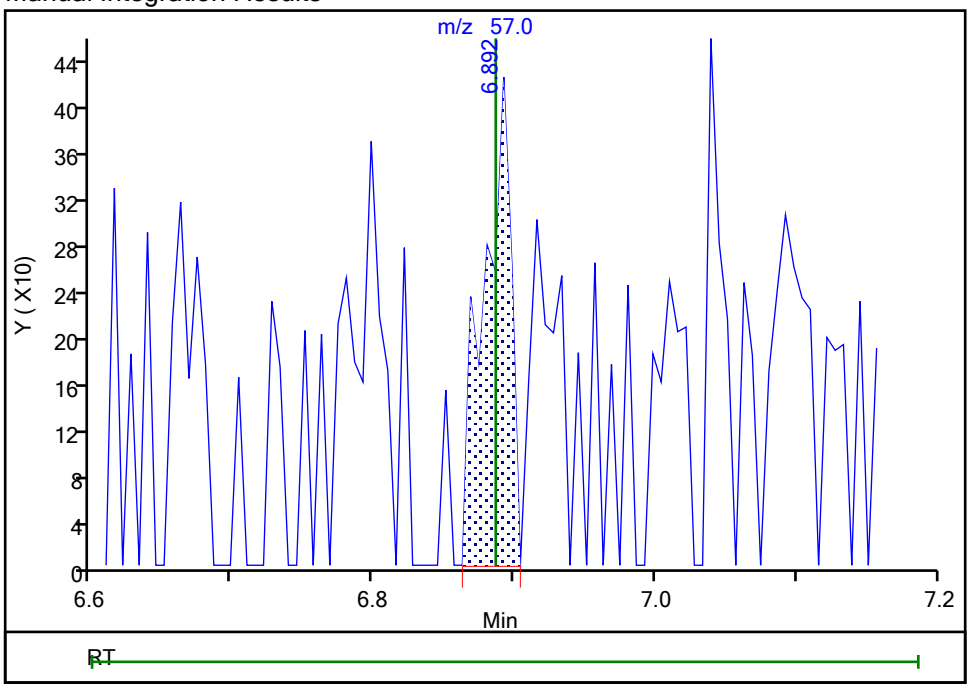
Not Detected
Expected RT: 6.89

Processing Integration Results



Manual Integration Results

RT: 6.89
Area: 563
Amount: 4.884219
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:26:29 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

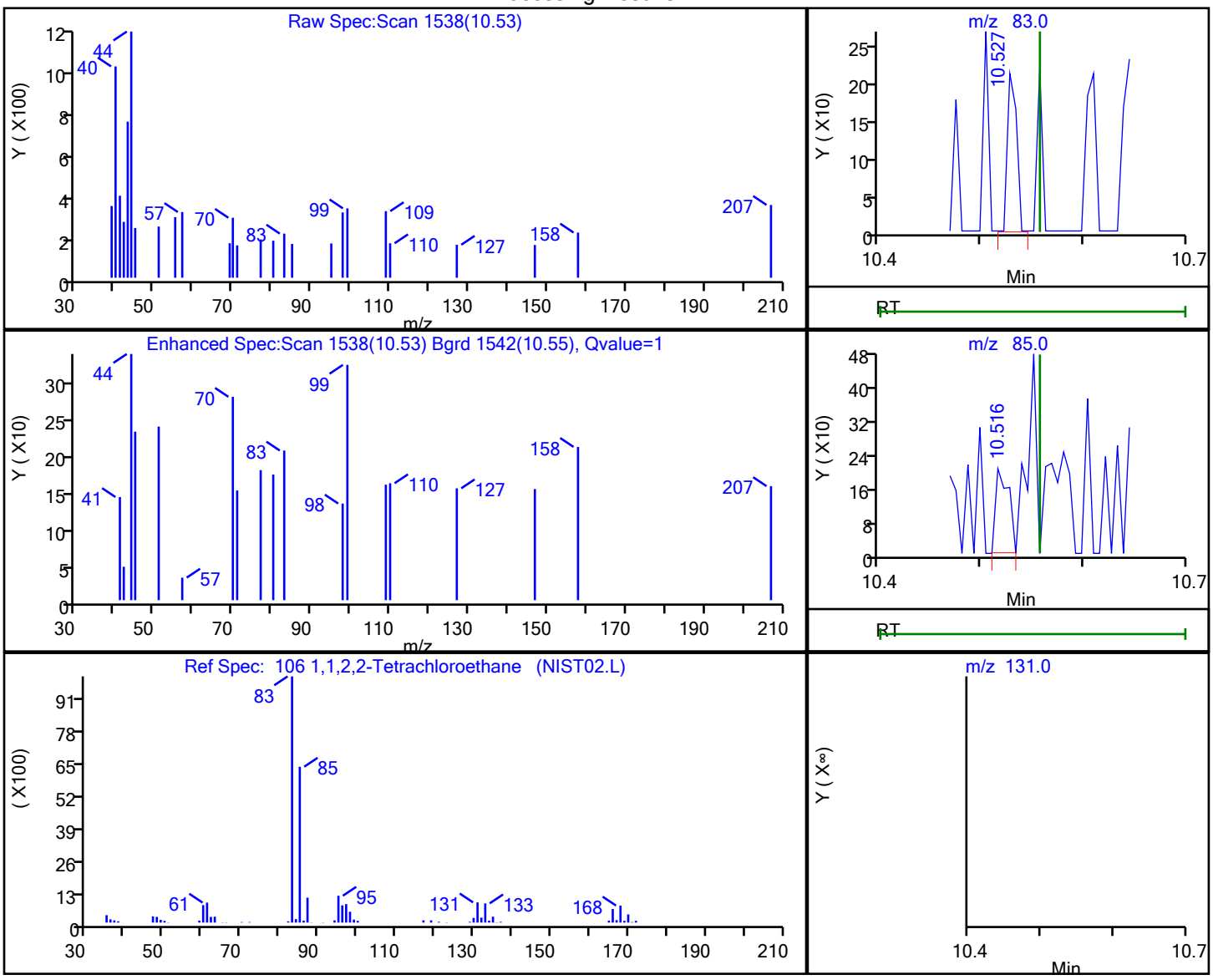
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
10.53	83.00	129	183.5626
10.52	85.00	183	
10.56	131.00	0	

Reviewer: NN6A, 14-May-2025 20:26:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

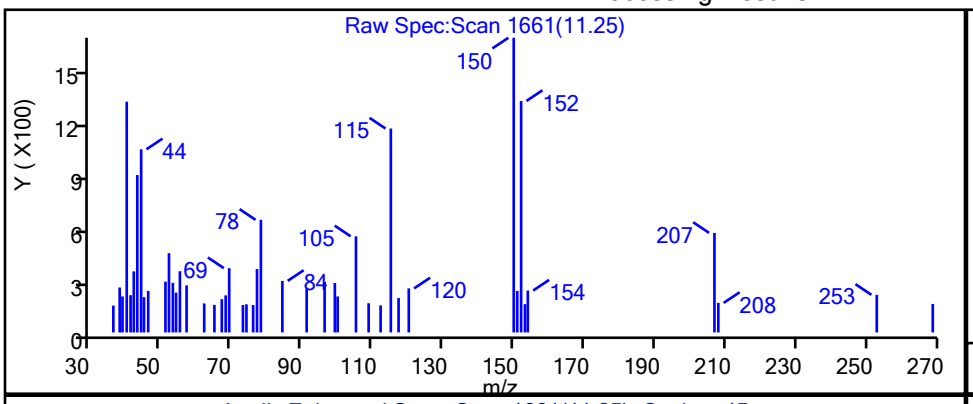
User Disabled Compound Report

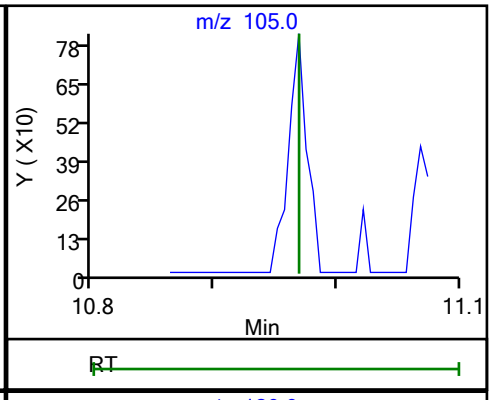
Eurofins Edison

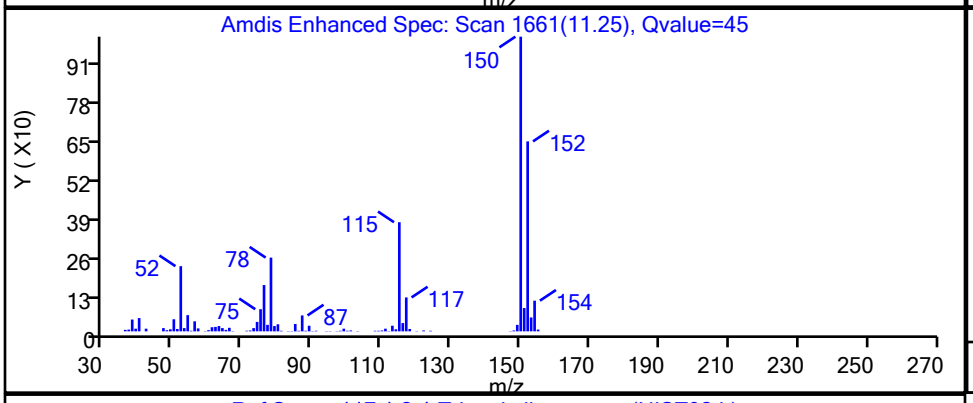
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

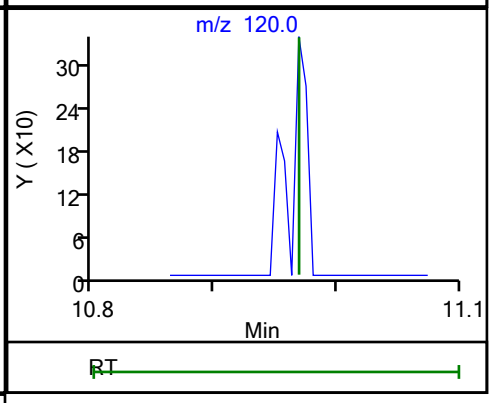
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

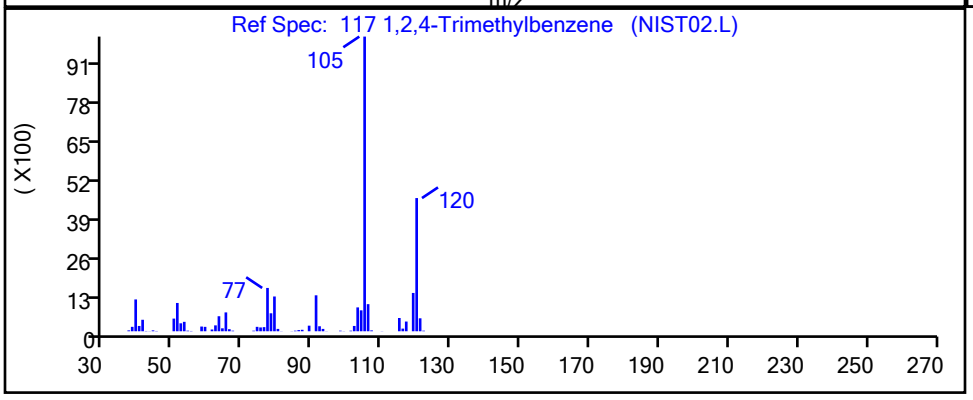
Processing Results











RT	Mass	Response	Amount
11.25	105.00	656	183.5282
11.25	120.00	161	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

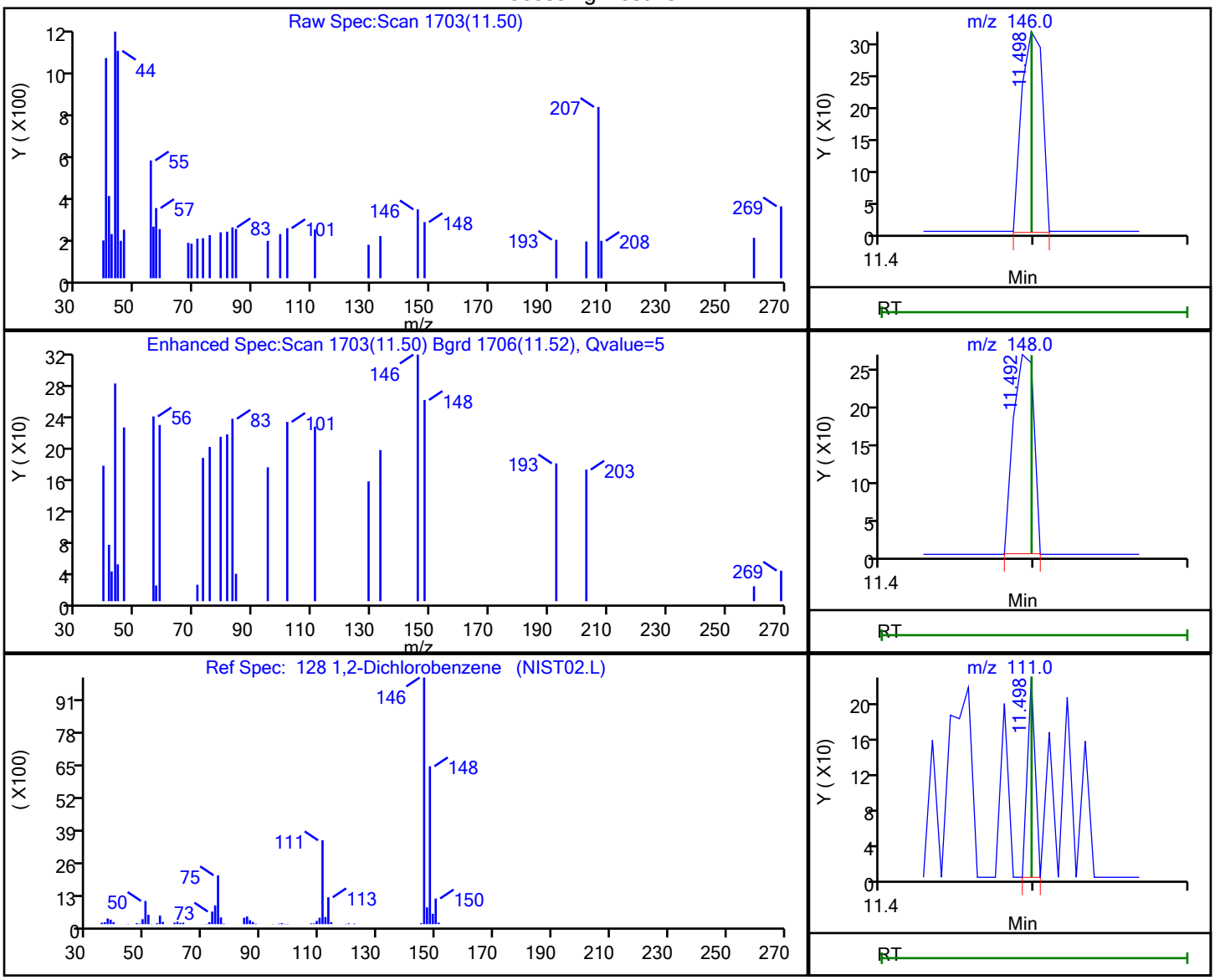
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.50	146.00	295	183.5282
11.49	148.00	250	
11.50	111.00	79	

Reviewer: NN6A, 14-May-2025 20:26:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

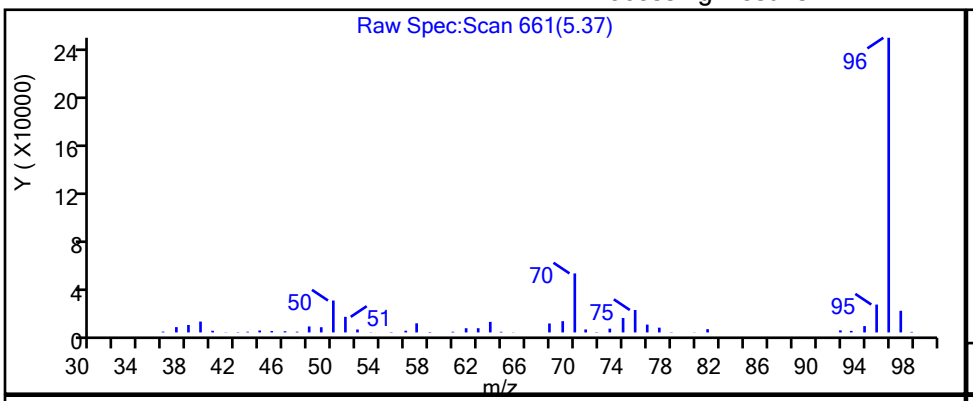
User Disabled Compound Report

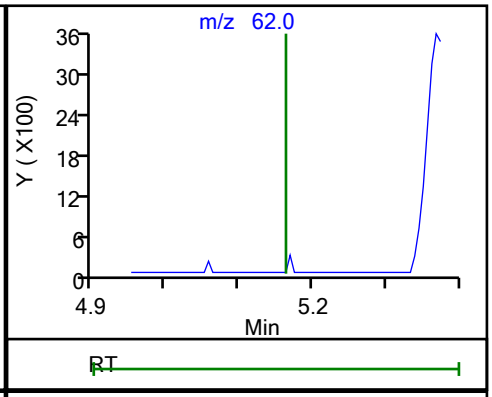
Eurofins Edison

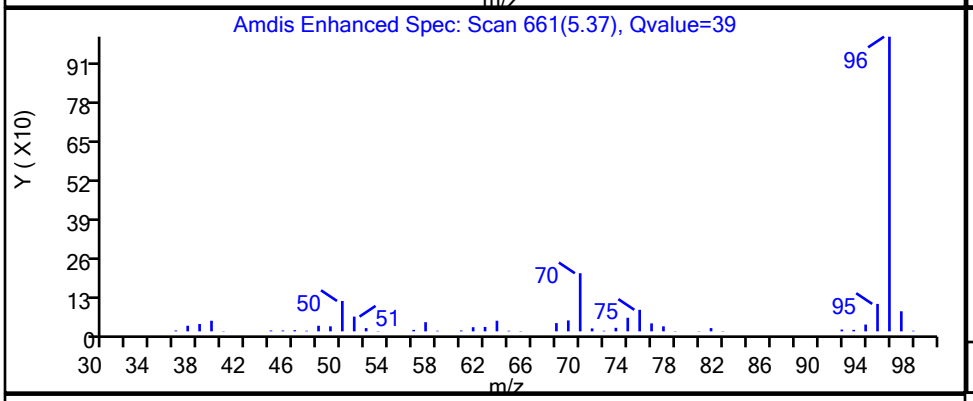
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

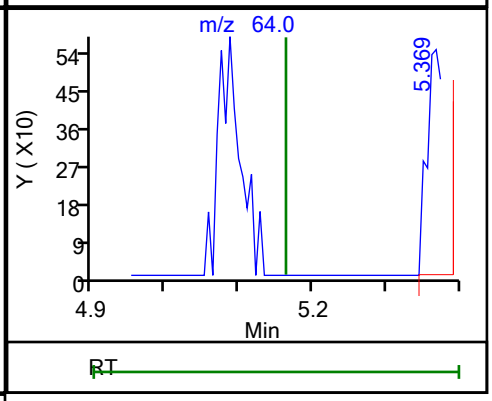
64 1,2-Dichloroethane, CAS: 107-06-2

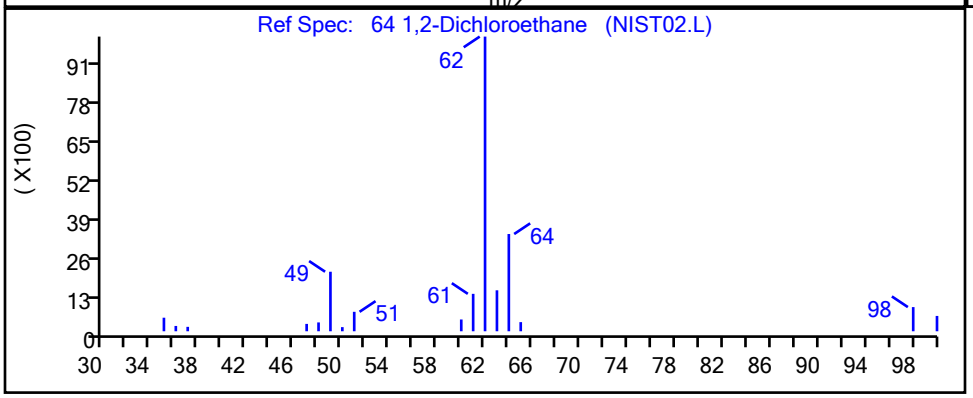
Processing Results











RT	Mass	Response	Amount
5.37	62.00	7142	2.123909
5.37	64.00	1035	

Reviewer: NN6A, 14-May-2025 20:25:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

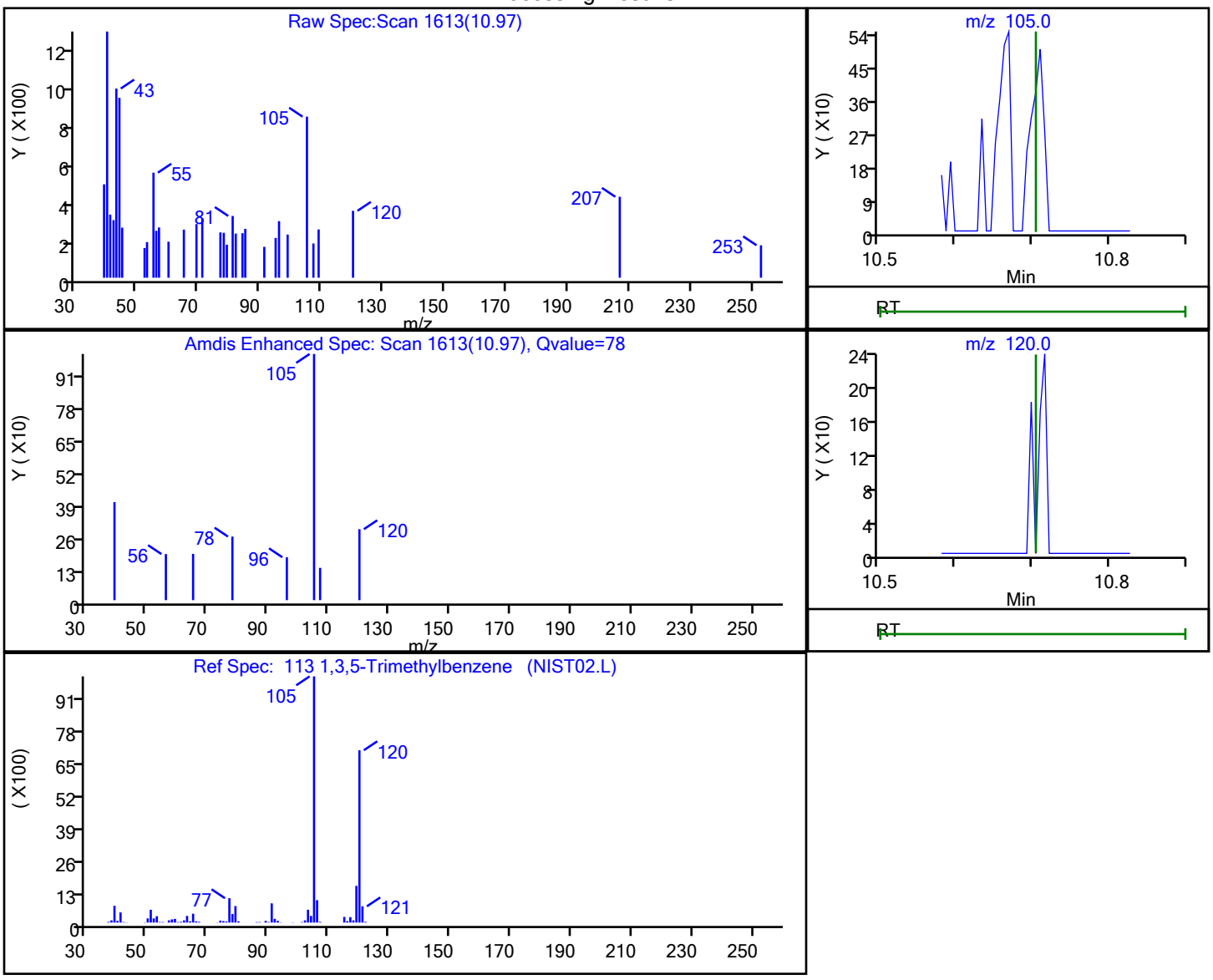
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.97	105.00	862	183.5321
10.97	120.00	214	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

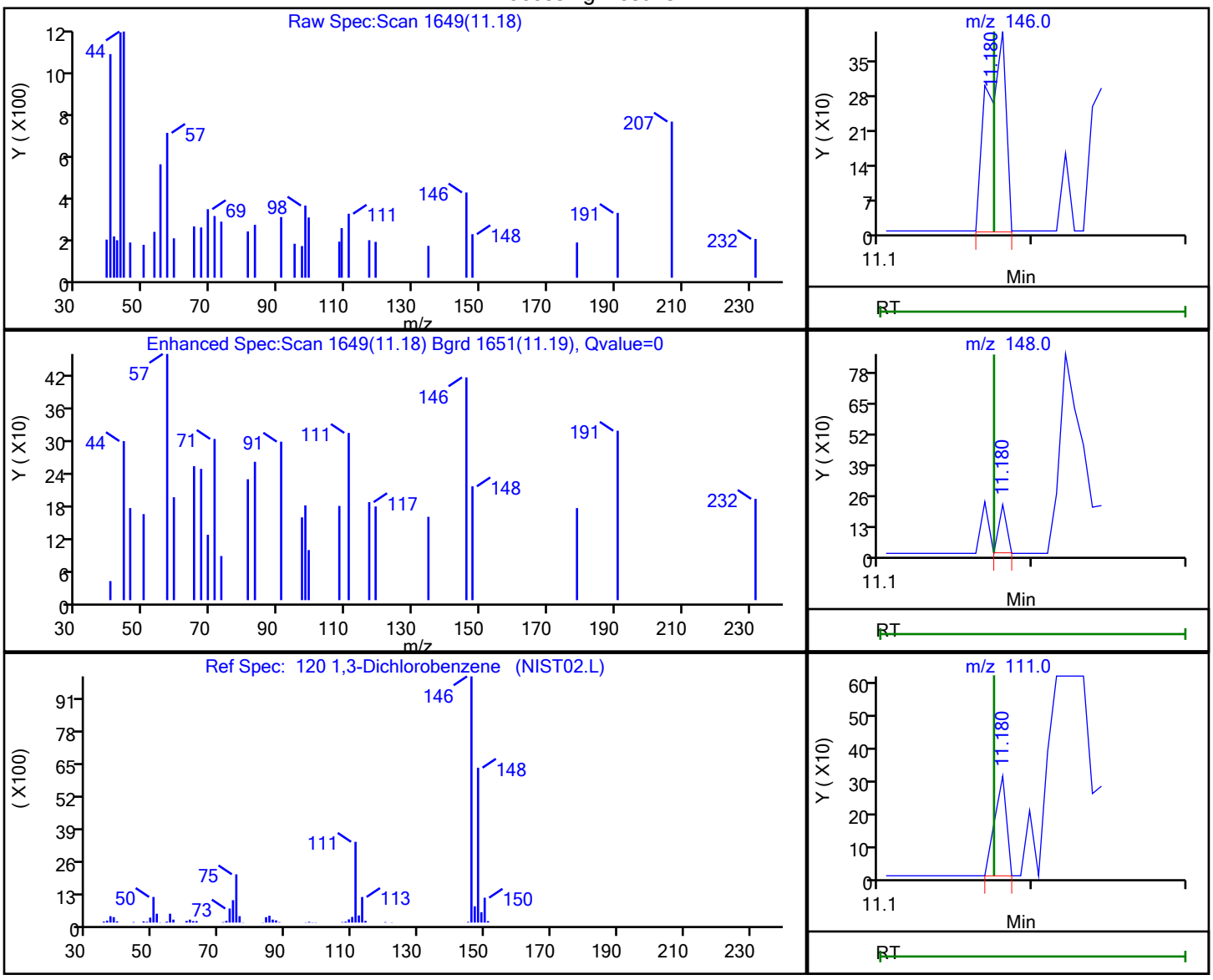
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
11.18	146.00	342	183.5745
11.18	148.00	74	
11.18	111.00	164	

Reviewer: NN6A, 14-May-2025 20:26:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

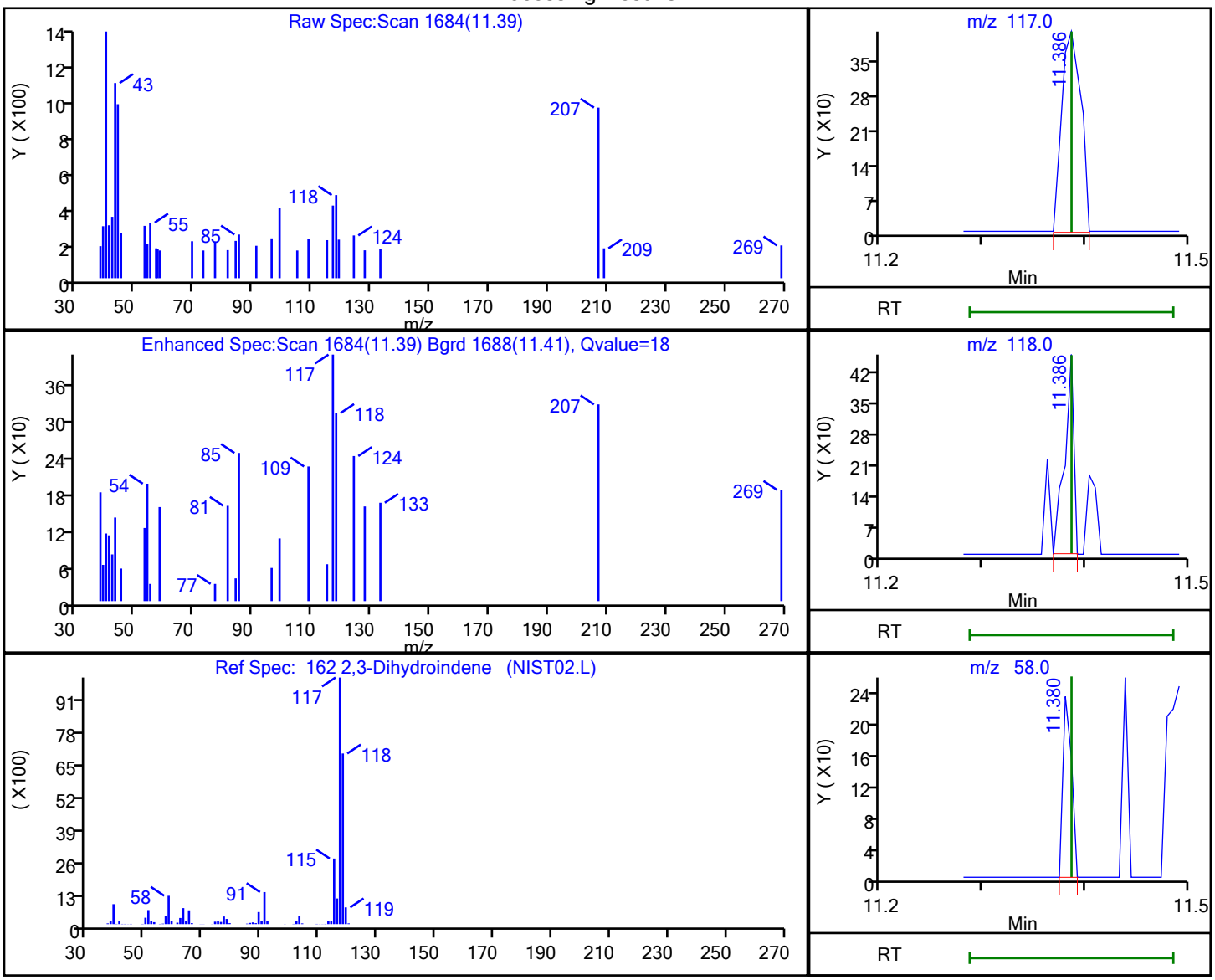
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

162 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
11.39	117.00	525	183.5082
11.39	118.00	288	
11.38	58.00	135	

Reviewer: NN6A, 14-May-2025 20:26:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

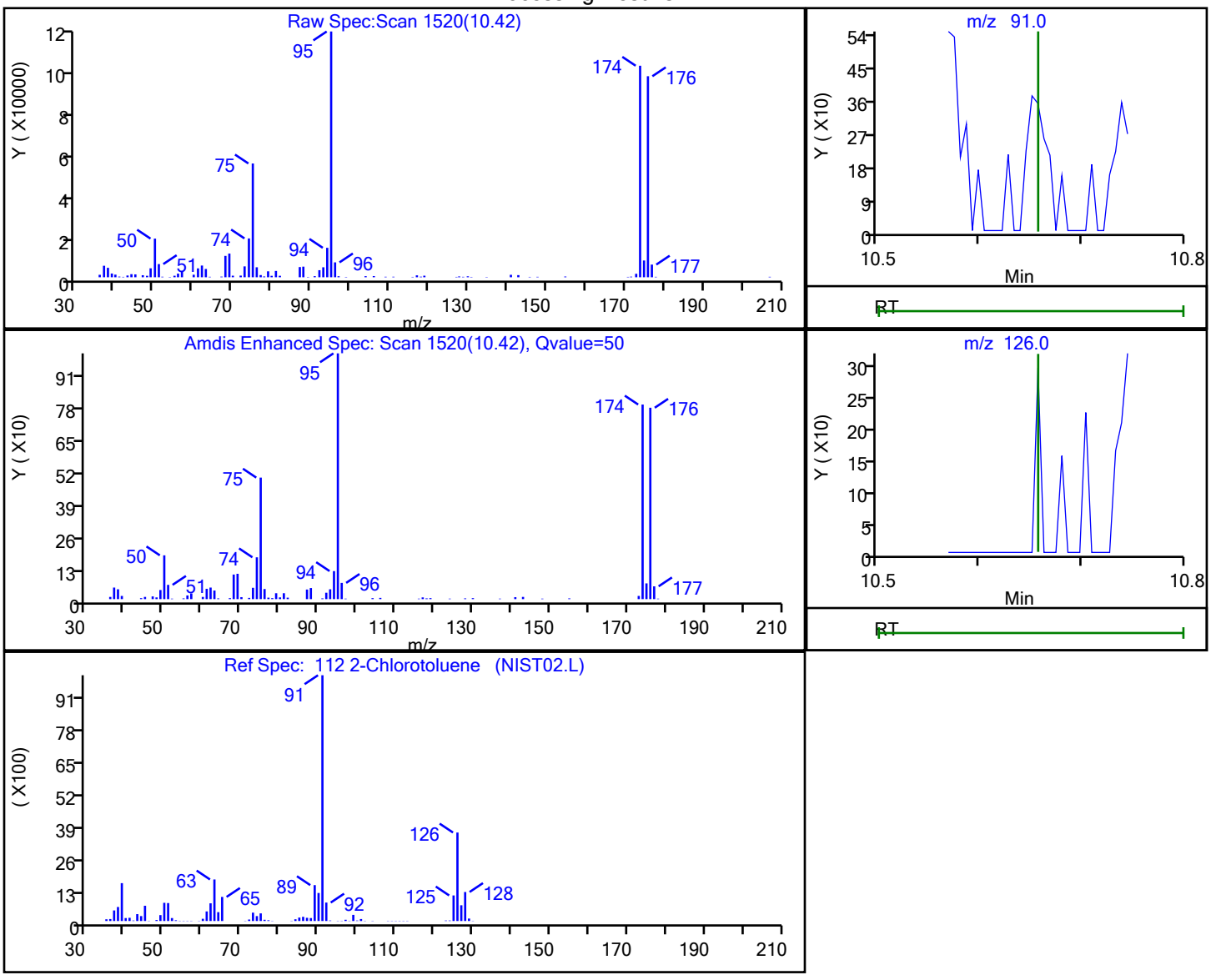
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

112 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
10.42	91.00	591	183.5450
10.42	126.00	57	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

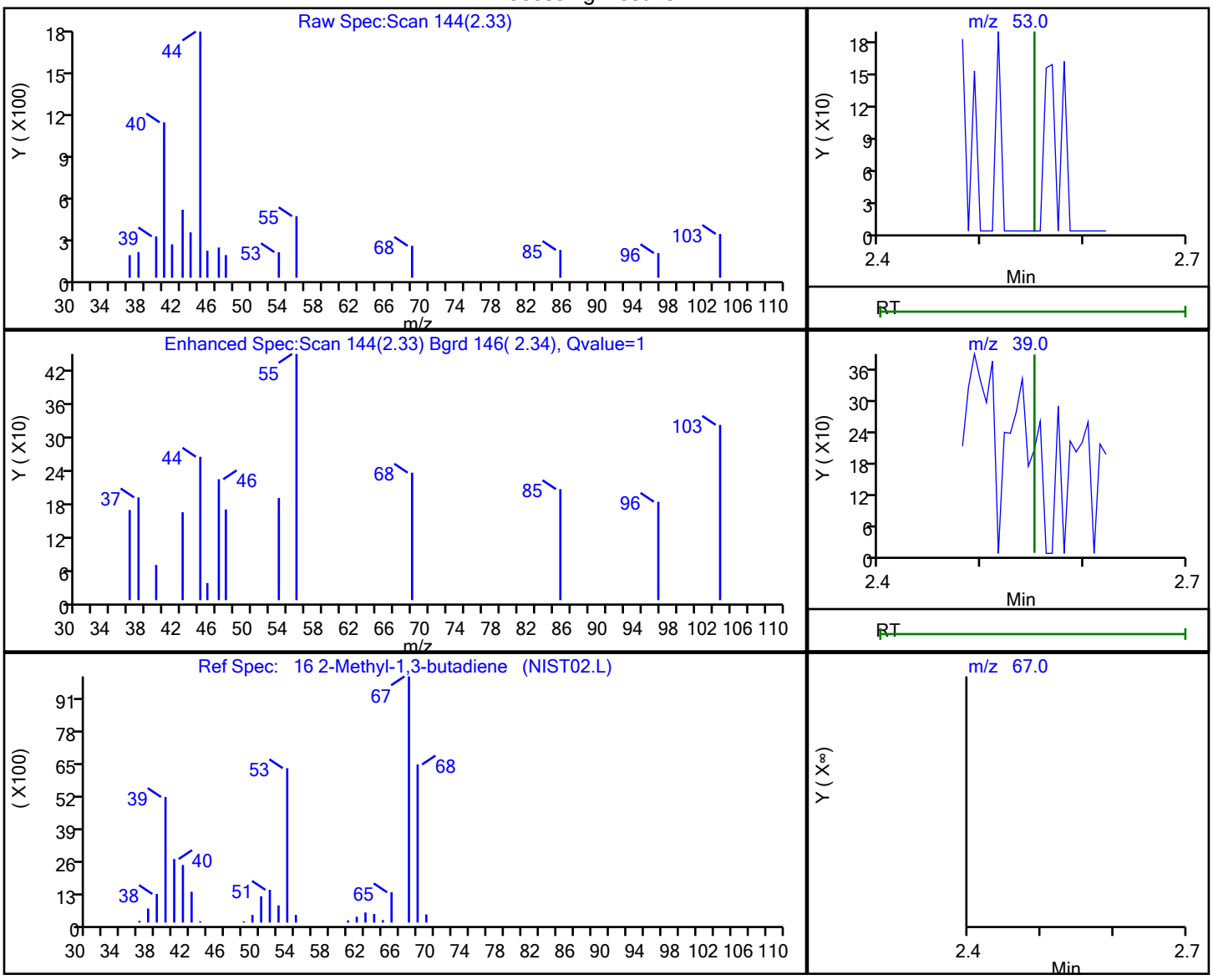
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.33	53.00	126	0.053937
2.33	39.00	304	
2.32	67.00	189	

Reviewer: NN6A, 14-May-2025 20:25:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

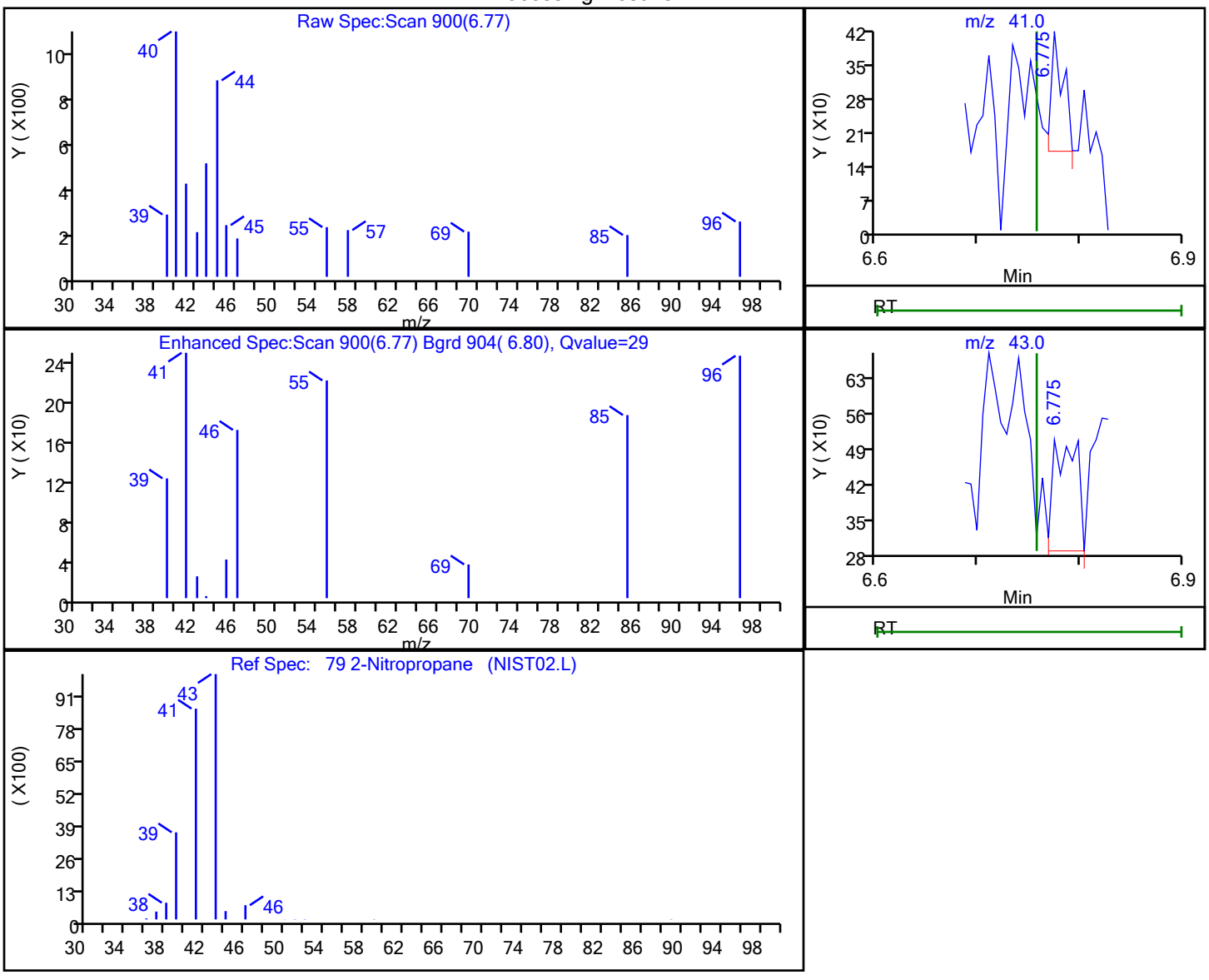
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.77	41.00	200	0.507333
6.77	43.00	348	

Reviewer: NN6A, 14-May-2025 20:25:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

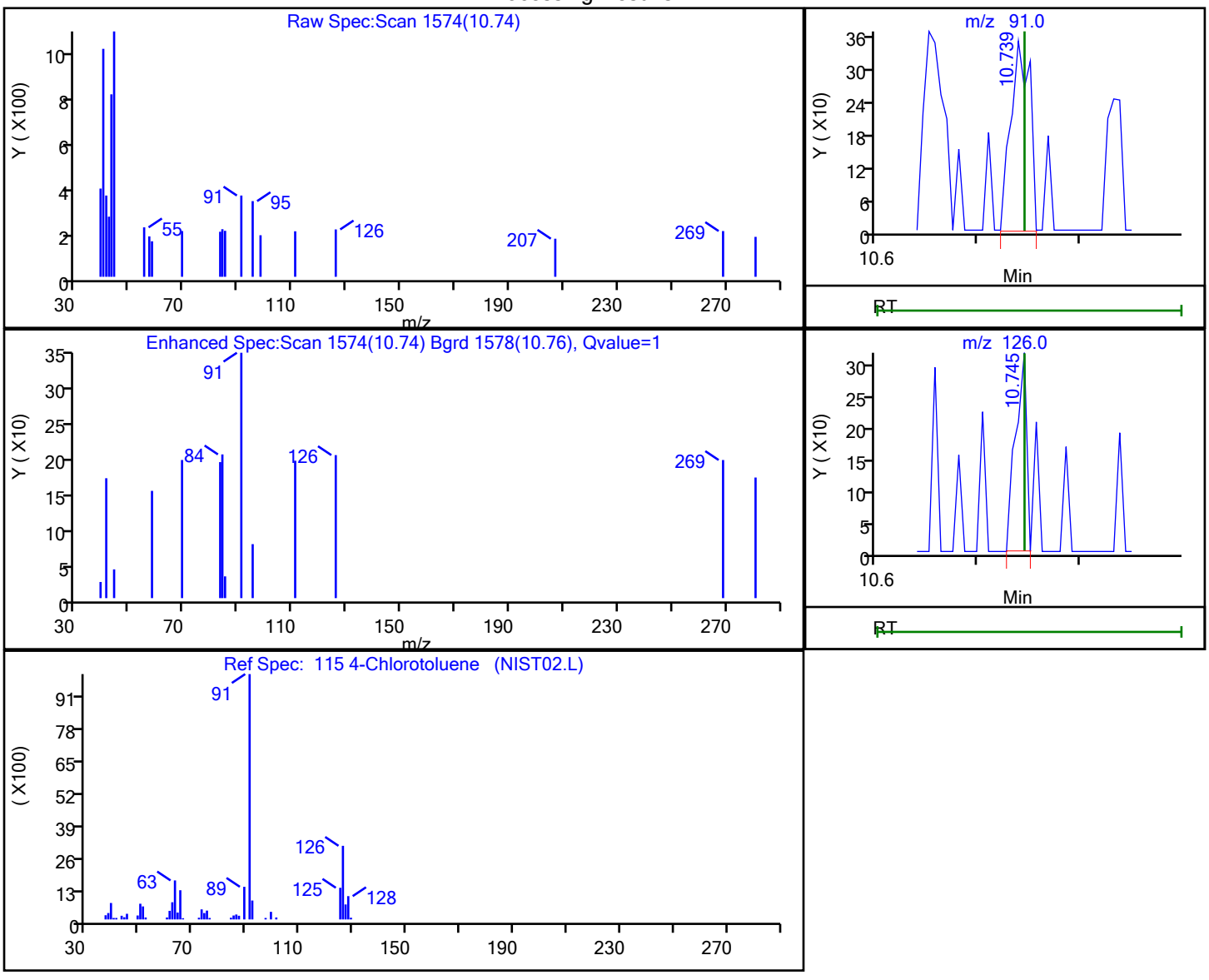
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.74	91.00	457	183.5290
10.75	126.00	239	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

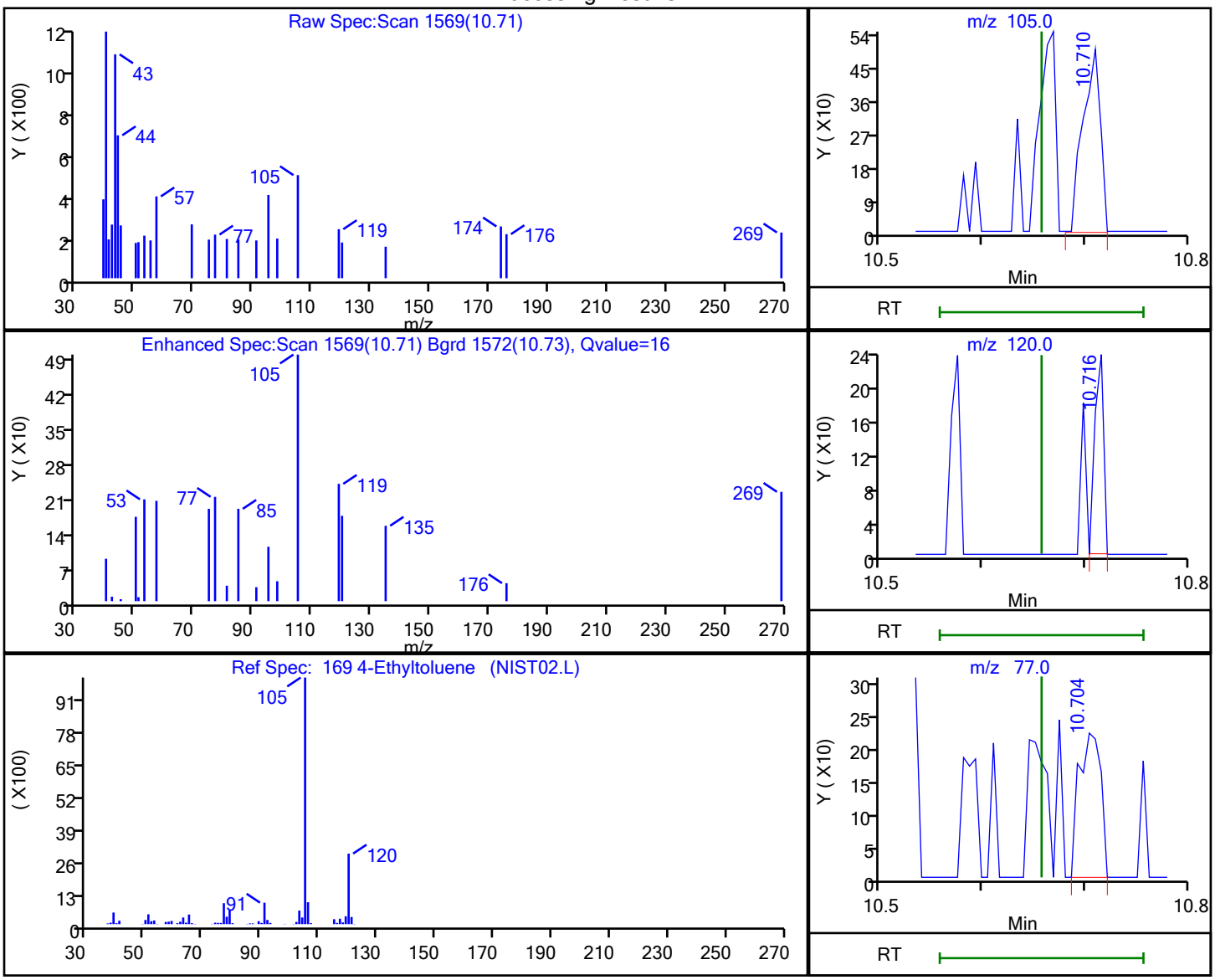
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

169 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.71	105.00	587	183.5552
10.72	120.00	145	
10.70	77.00	323	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

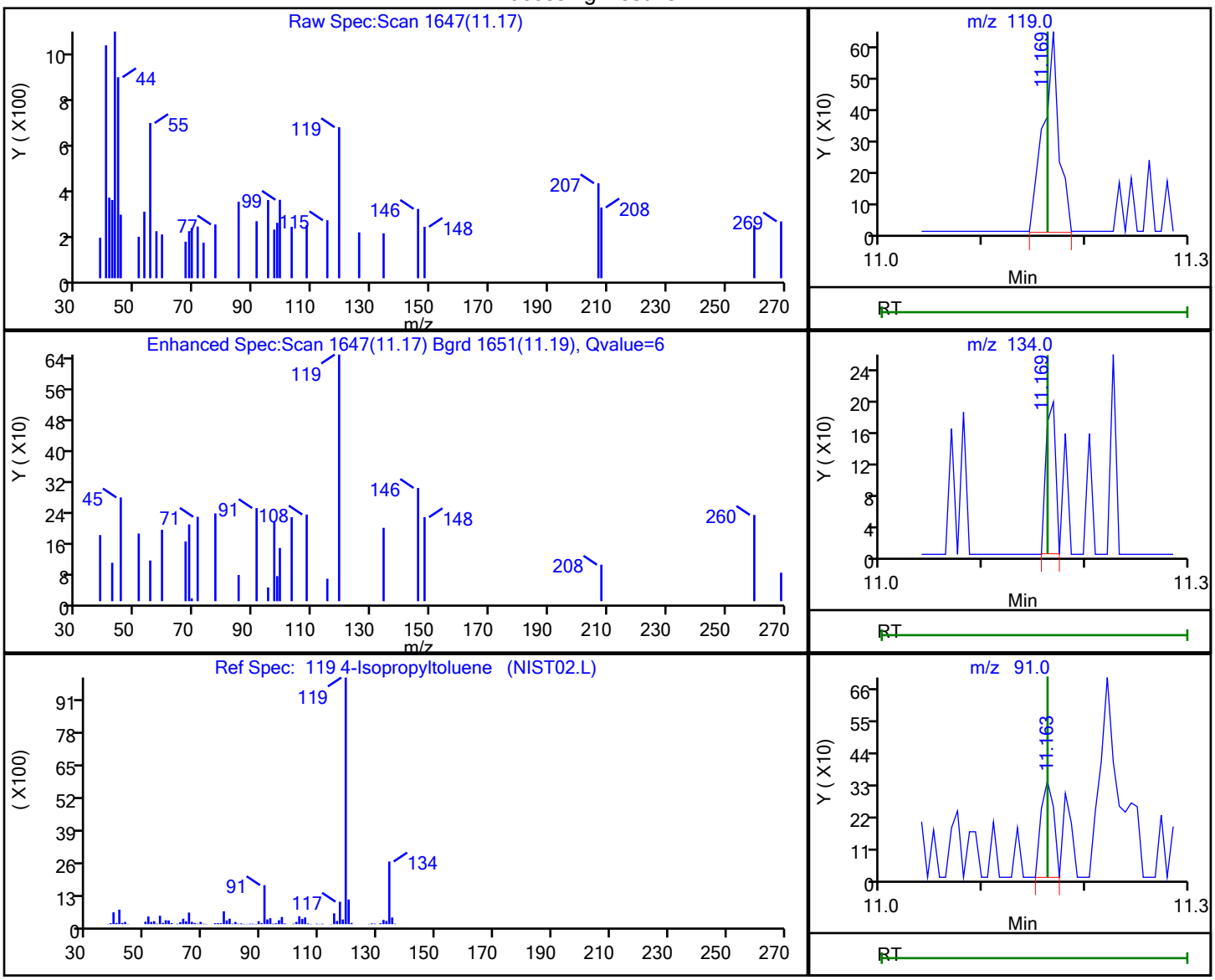
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.17	119.00	676	183.5446
11.17	134.00	127	
11.16	91.00	288	

Reviewer: NN6A, 14-May-2025 20:26:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

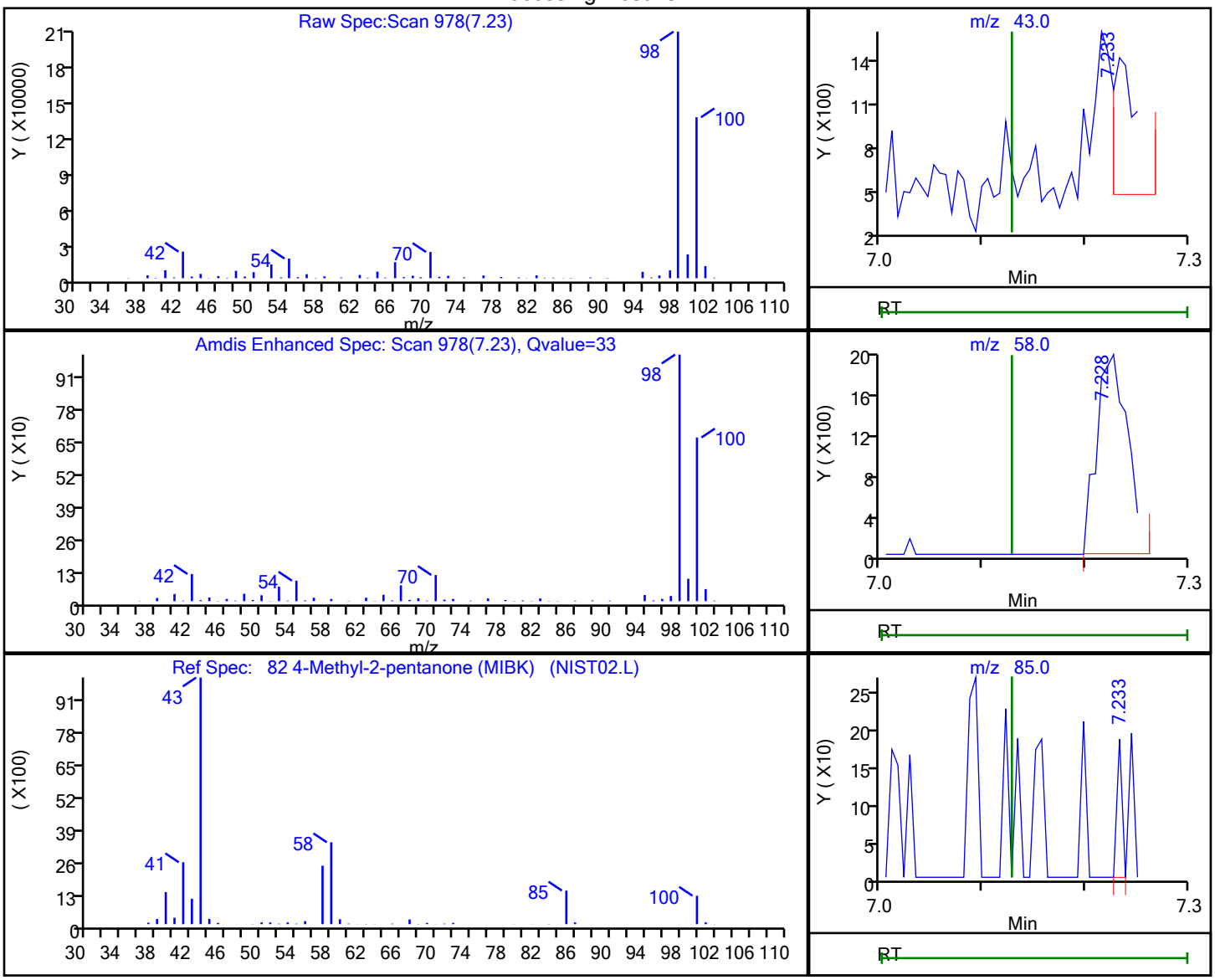
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
7.23	43.00	1326	0.973991
7.23	58.00	4263	
7.23	85.00	66	
7.23	100.00	328069	

Reviewer: NN6A, 14-May-2025 20:26:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

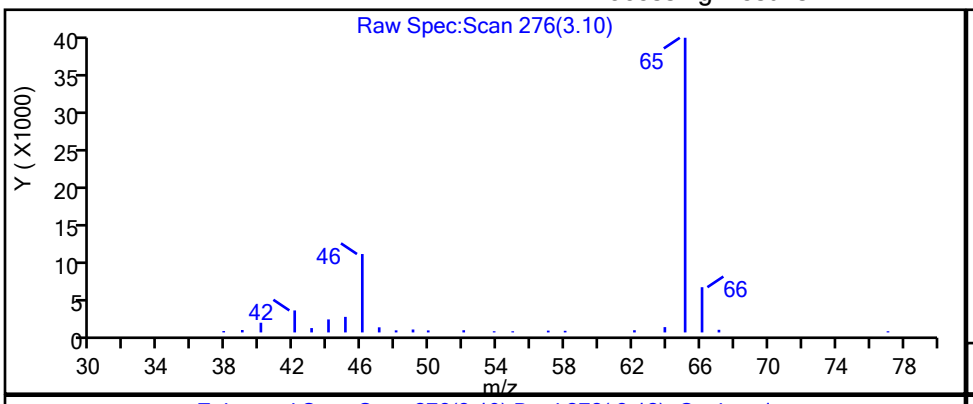
User Disabled Compound Report

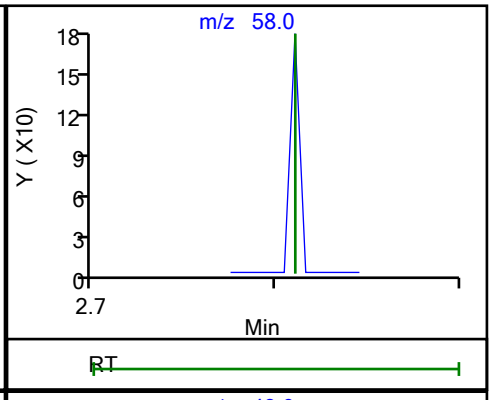
Eurofins Edison

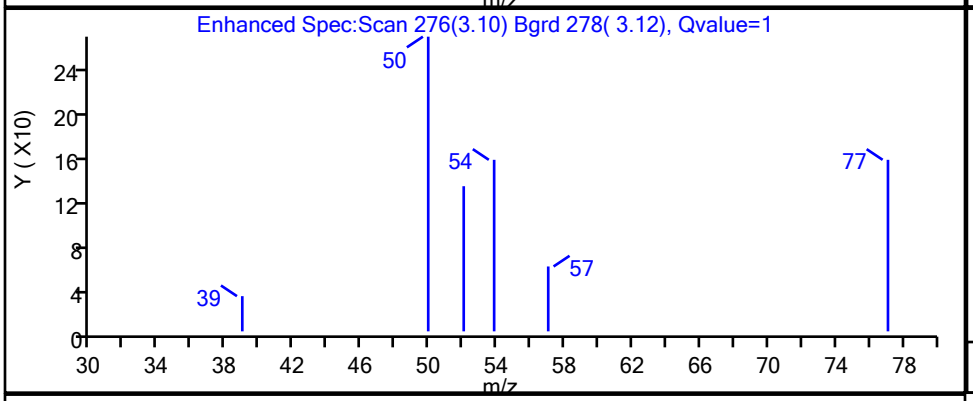
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

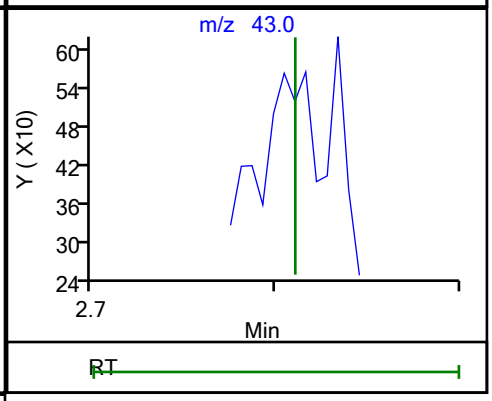
22 Acetone, CAS: 67-64-1

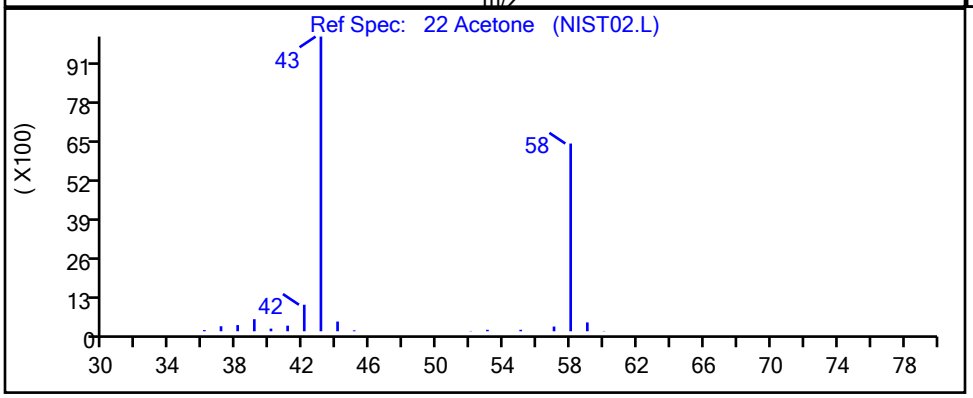
Processing Results











RT	Mass	Response	Amount
3.10	58.00	77	0.557025
3.10	43.00	229	

Reviewer: NN6A, 14-May-2025 20:25:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

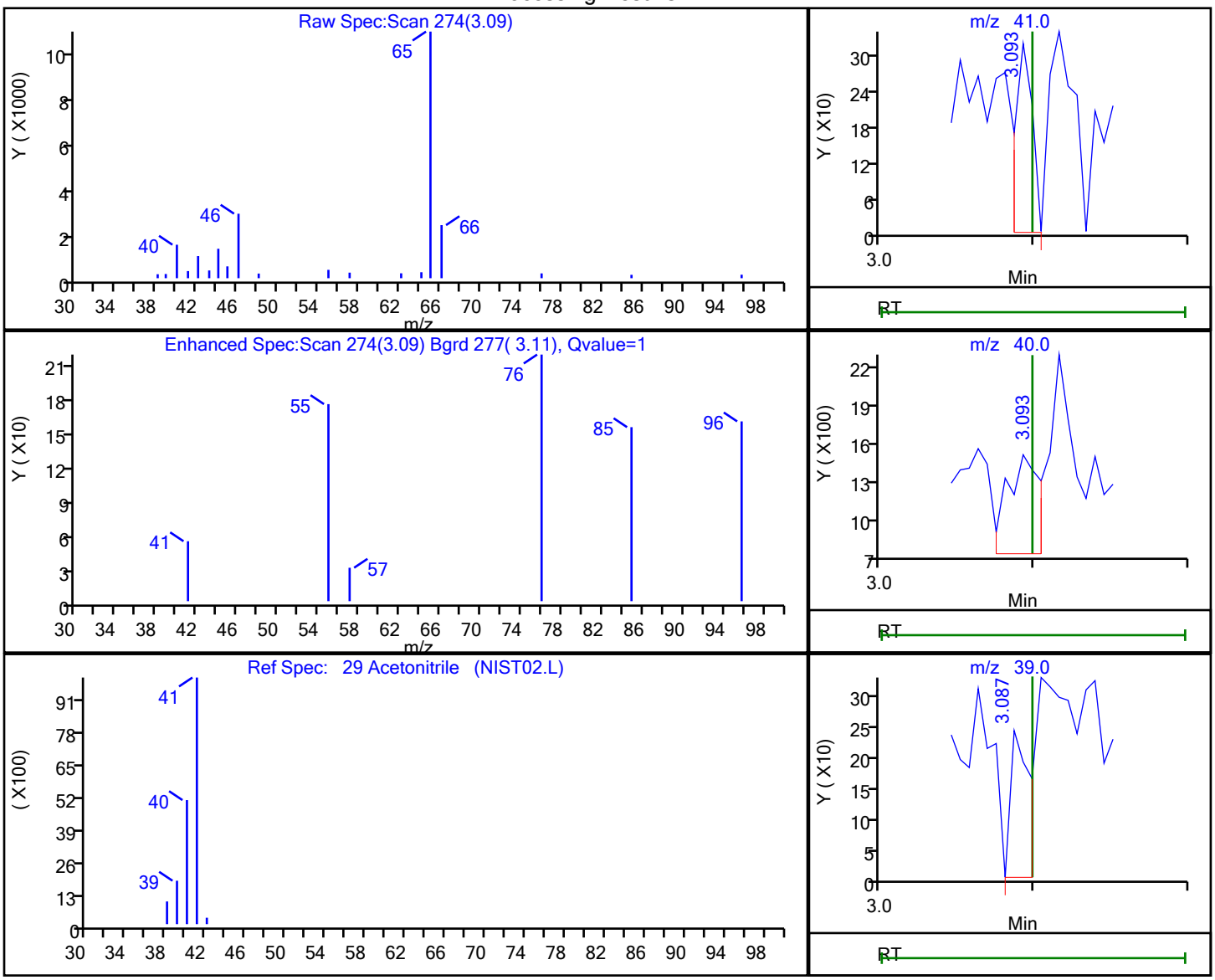
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.09	41.00	246	1.223690
3.09	40.00	1082	
3.09	39.00	207	
3.10	38.00	207	

Reviewer: NN6A, 14-May-2025 20:25:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

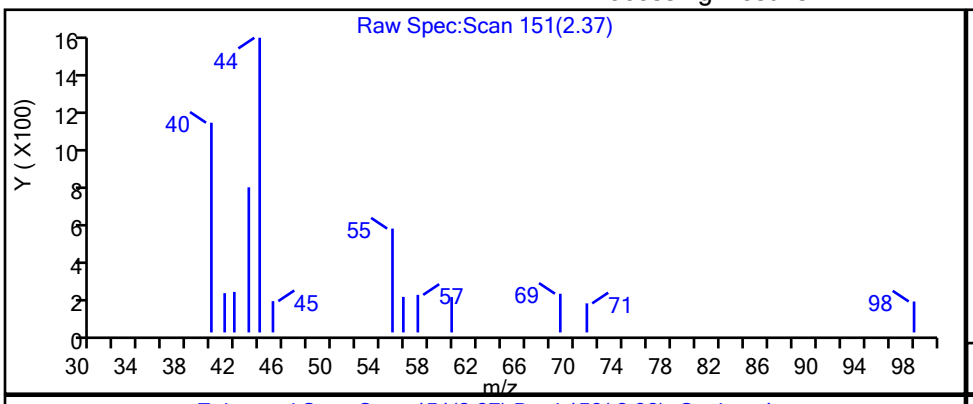
User Disabled Compound Report

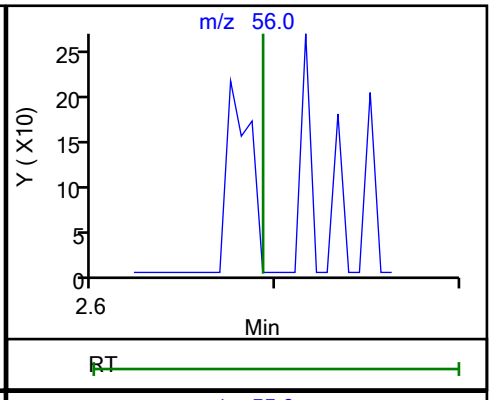
Eurofins Edison

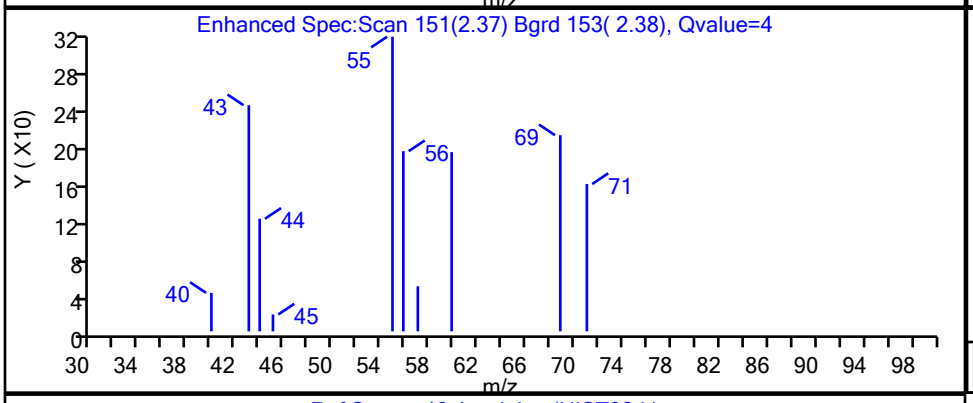
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

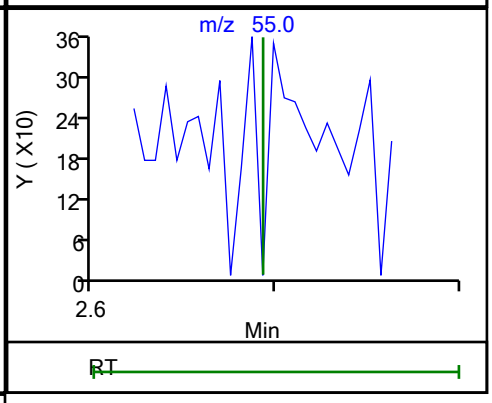
19 Acrolein, CAS: 107-02-8

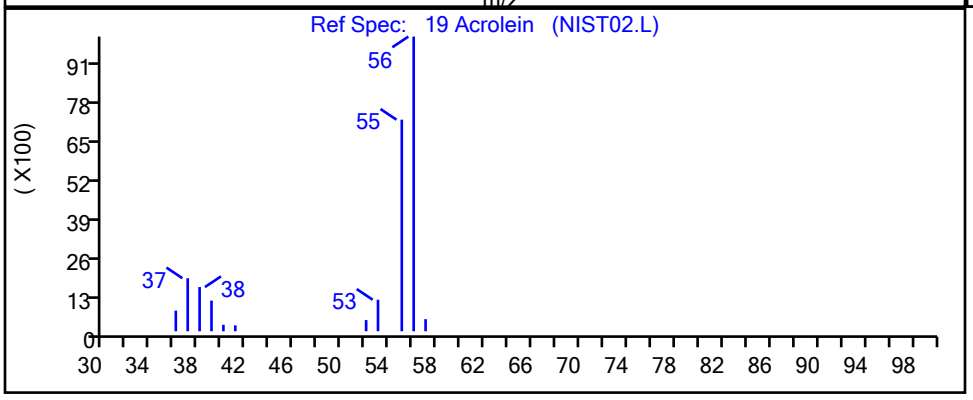
Processing Results











RT	Mass	Response	Amount
2.37	56.00	181	1.883290
2.37	55.00	311	

Reviewer: NN6A, 14-May-2025 20:25:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

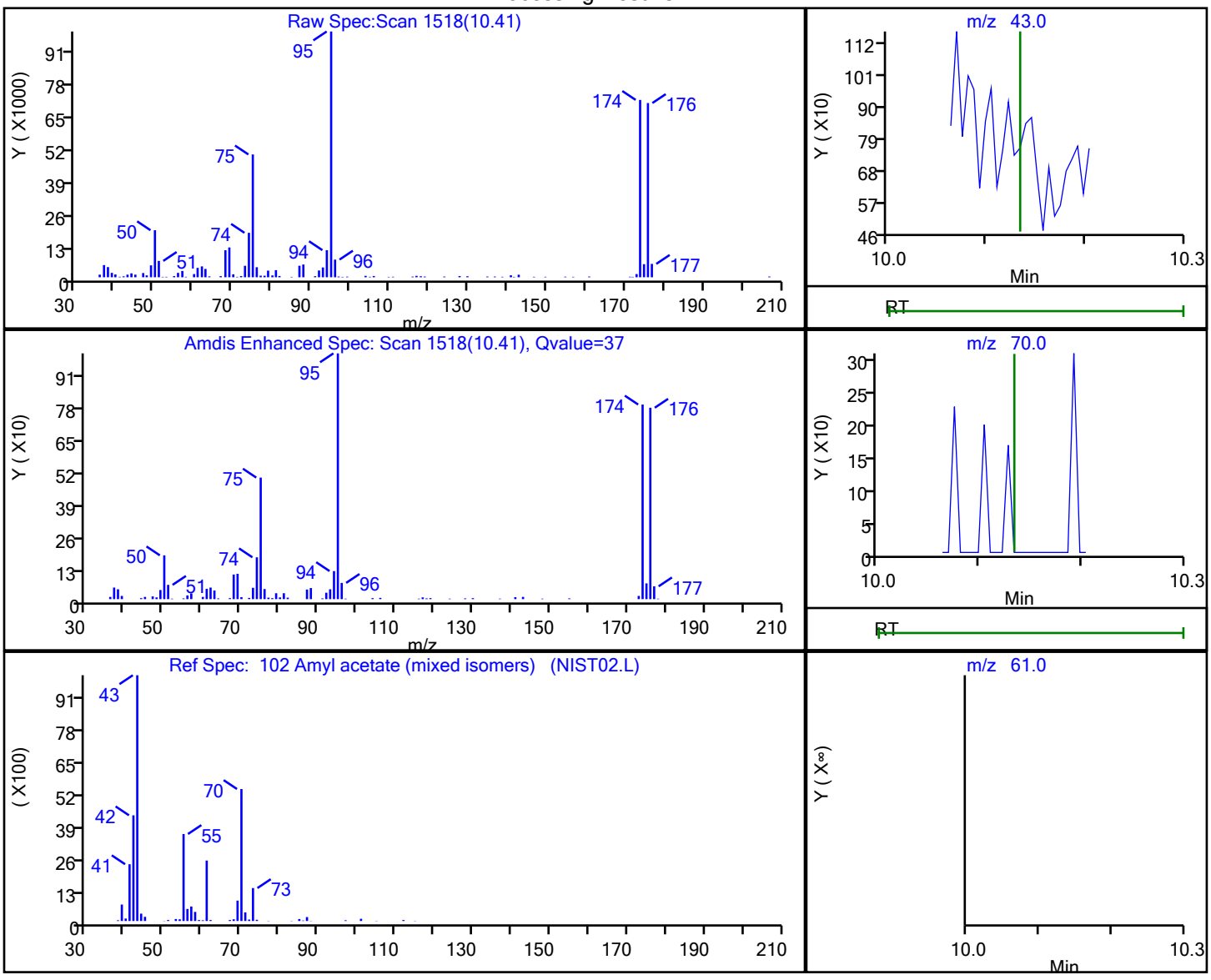
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
10.41	43.00	579	183.5178
10.41	70.00	1734	
10.42	61.00	7047	

Reviewer: NN6A, 14-May-2025 20:26:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

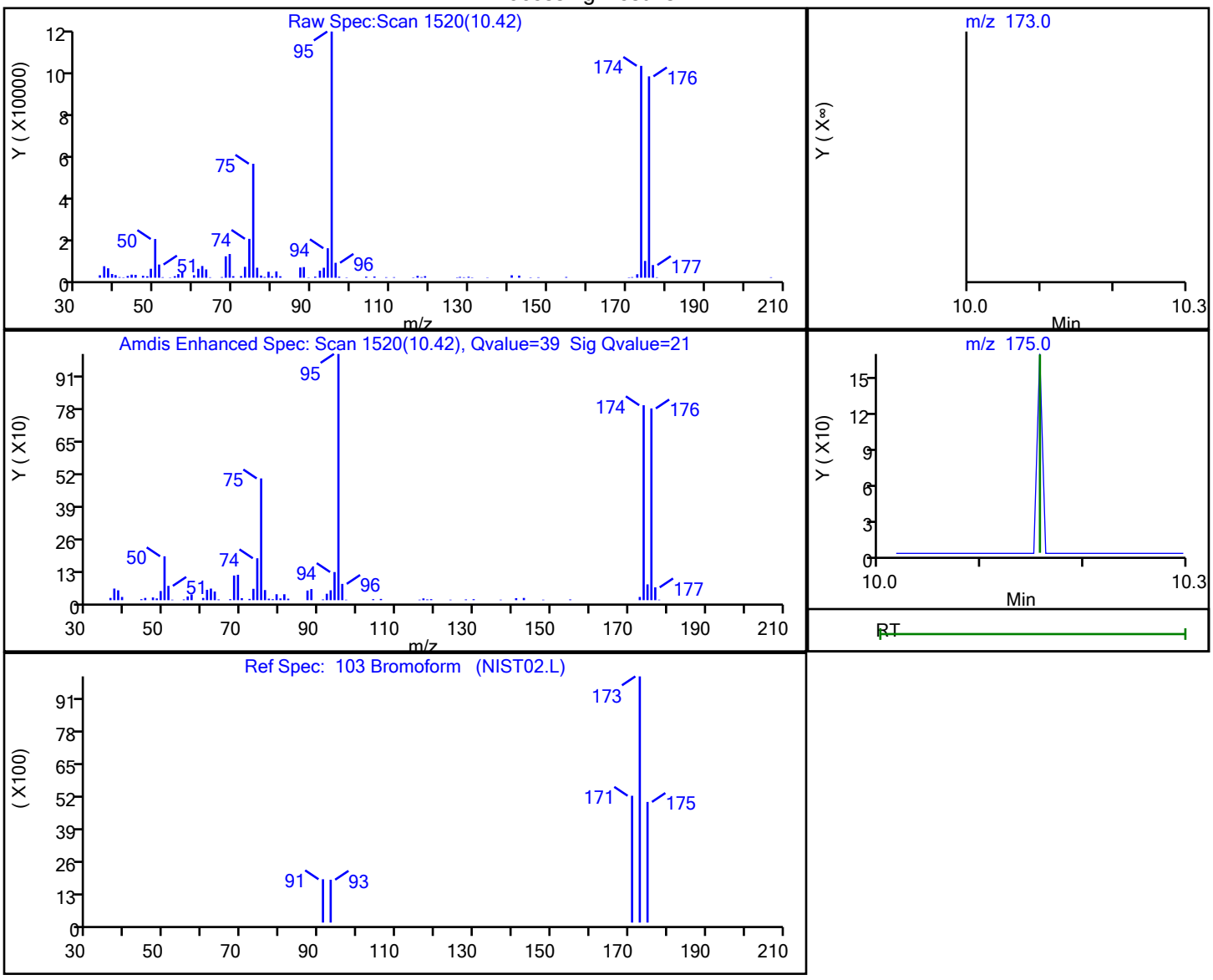
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
10.42	173.00	2042	1.544676
10.42	175.00	10868	

Reviewer: NN6A, 14-May-2025 20:26:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

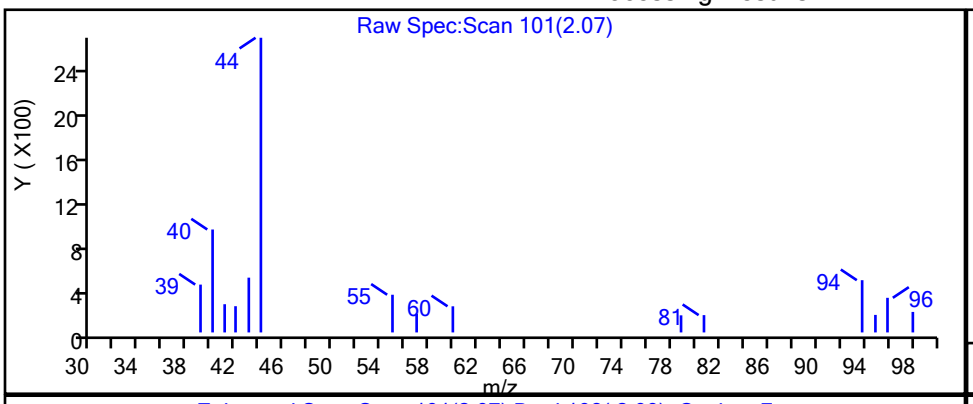
User Disabled Compound Report

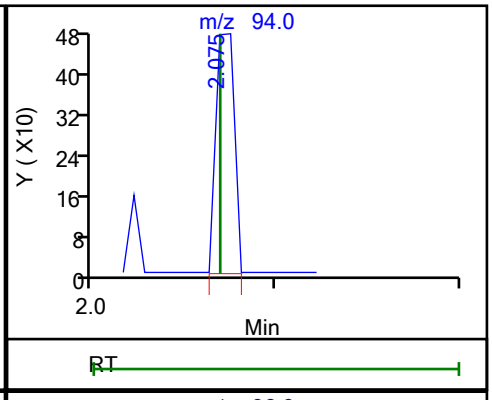
Eurofins Edison

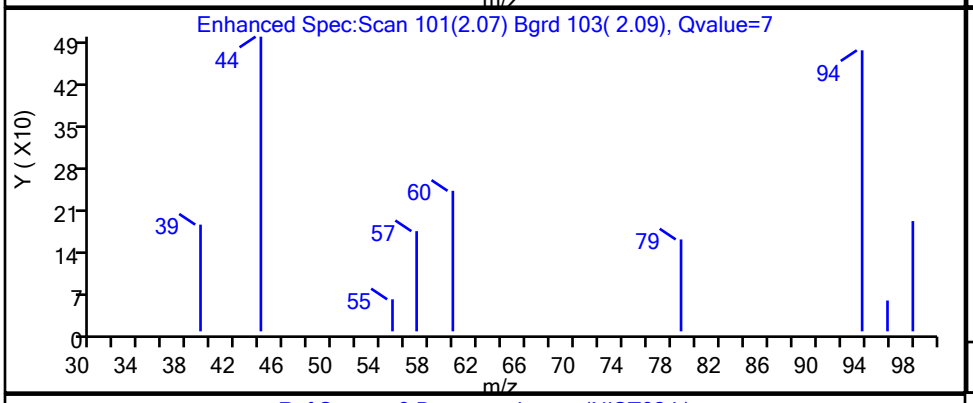
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

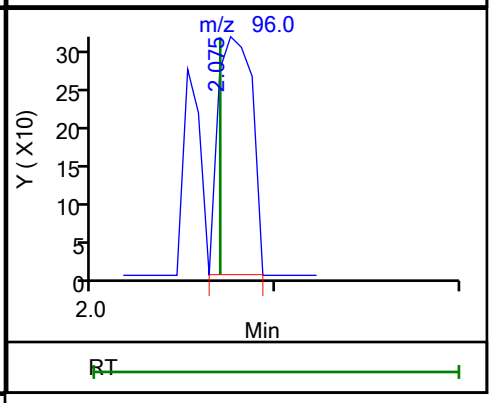
9 Bromomethane, CAS: 74-83-9

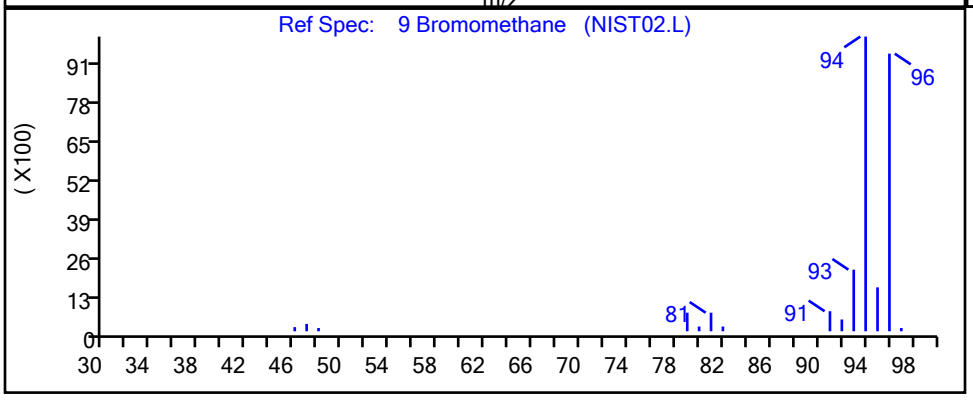
Processing Results











RT	Mass	Response	Amount
2.07	94.00	334	0.161815
2.07	96.00	405	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

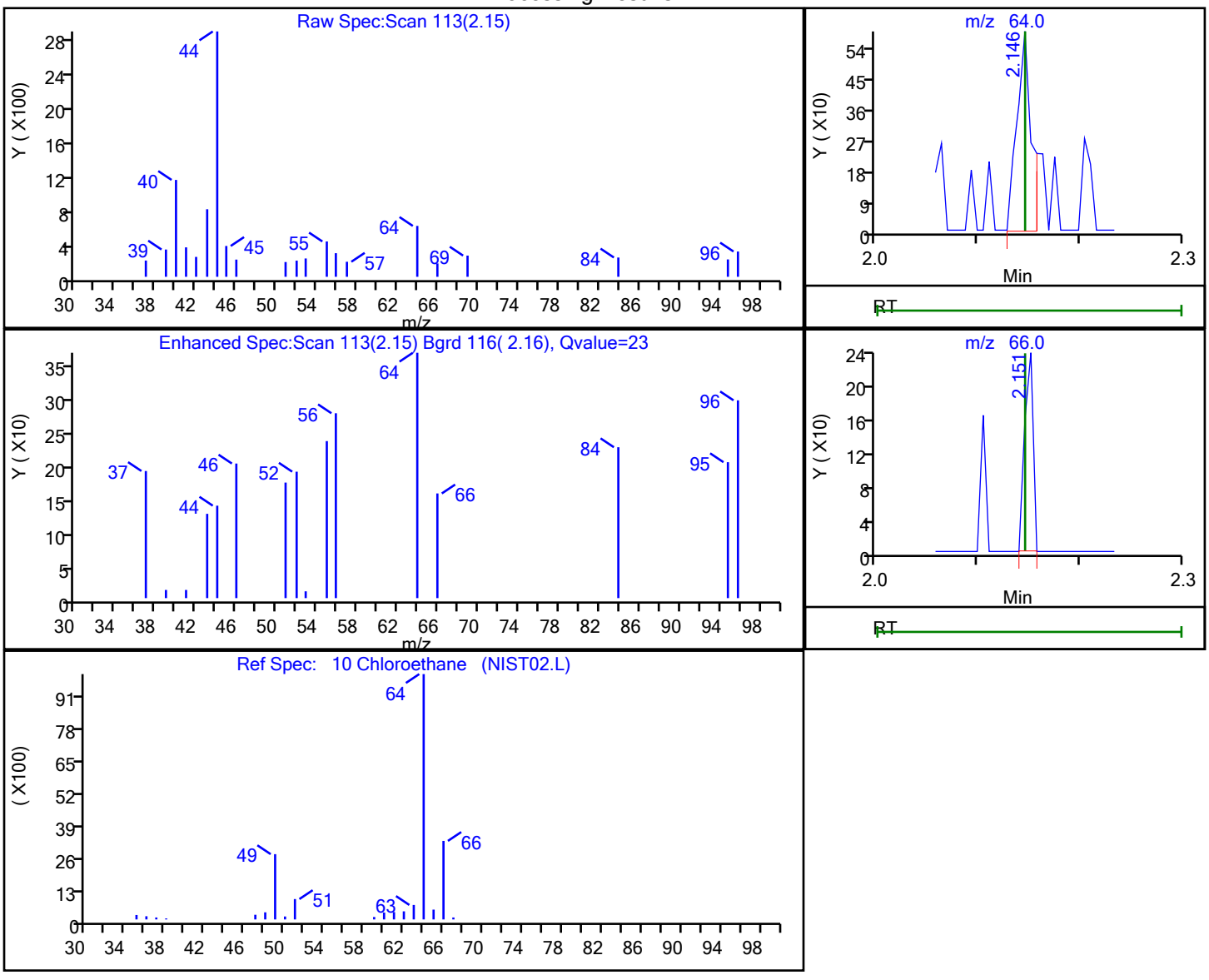
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
2.15	64.00	587	0.260762
2.15	66.00	136	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

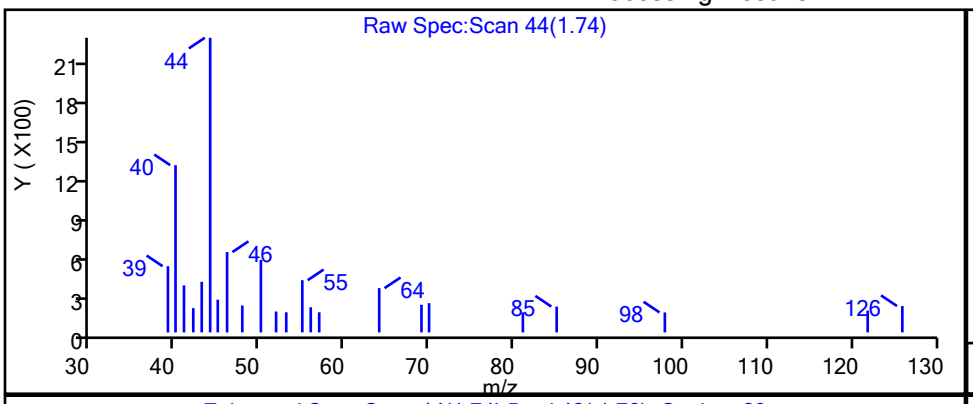
User Disabled Compound Report

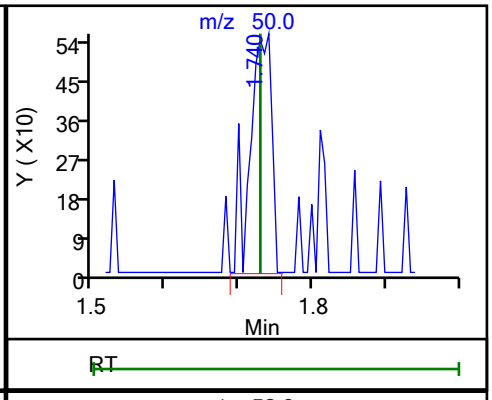
Eurofins Edison

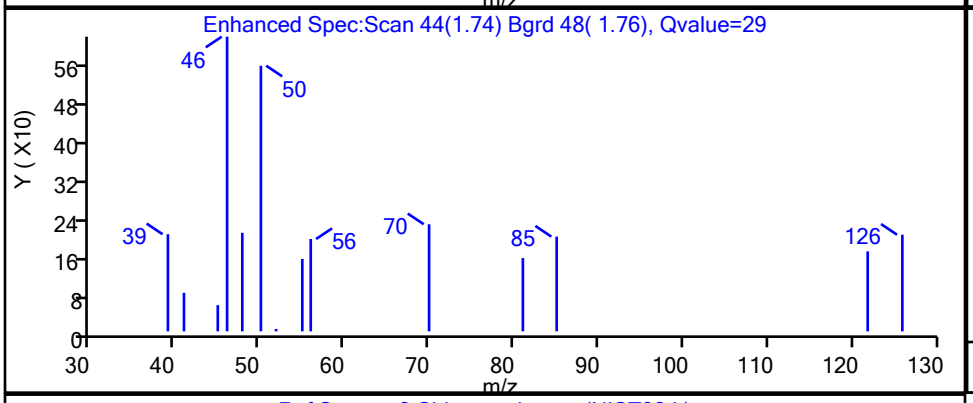
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

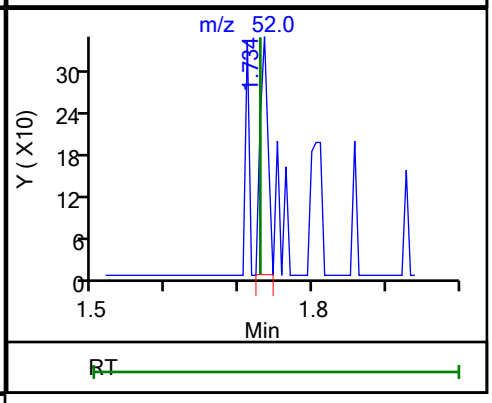
6 Chloromethane, CAS: 74-87-3

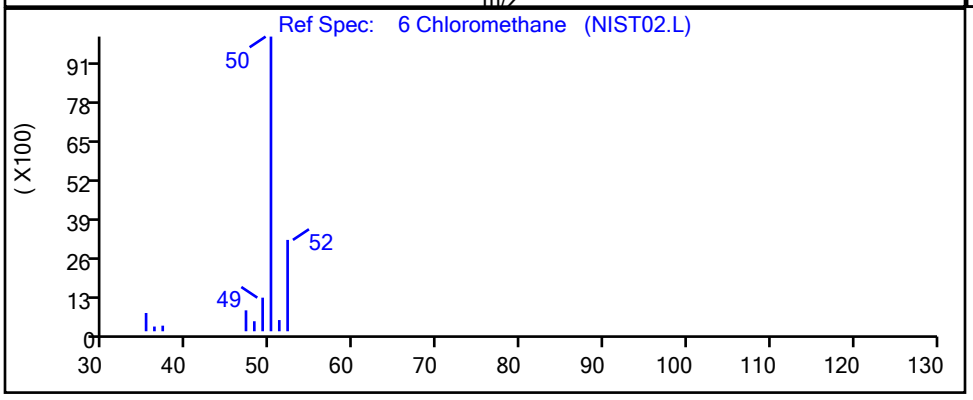
Processing Results











RT	Mass	Response	Amount
1.74	50.00	1148	0.293384
1.73	52.00	258	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

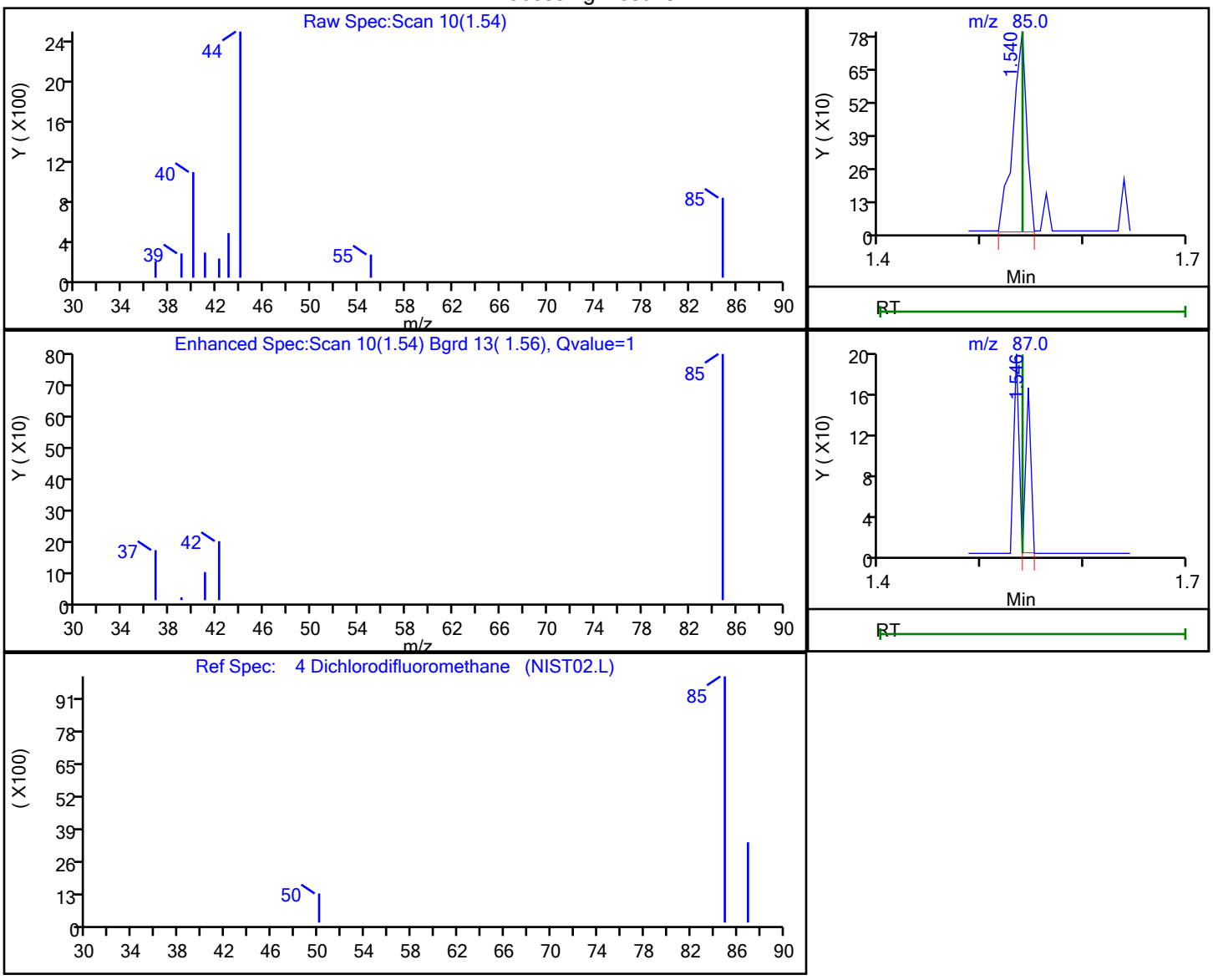
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.54	85.00	733	0.210794
1.55	87.00	59	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

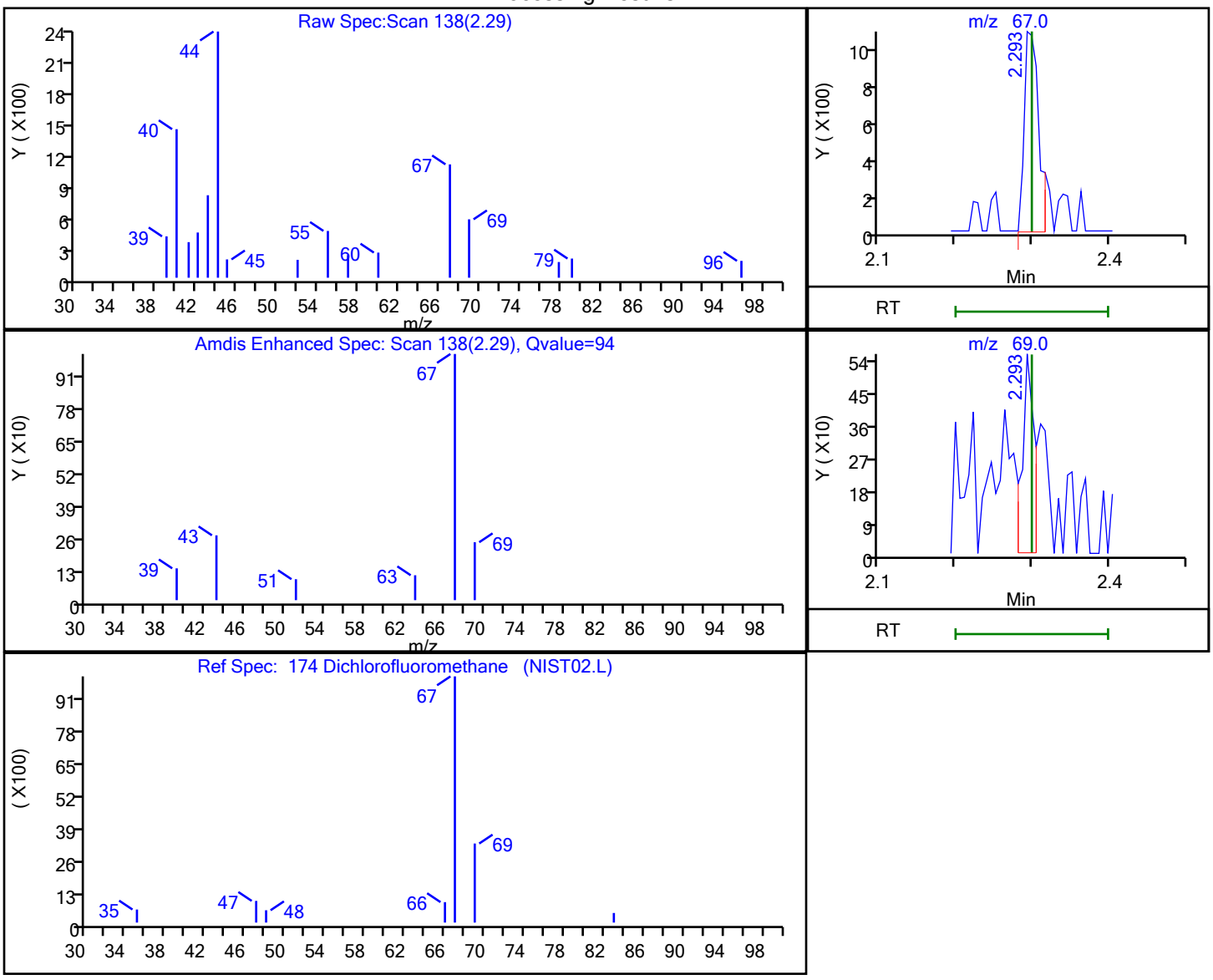
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

174 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.29	67.00	1425	0.236923
2.29	69.00	600	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

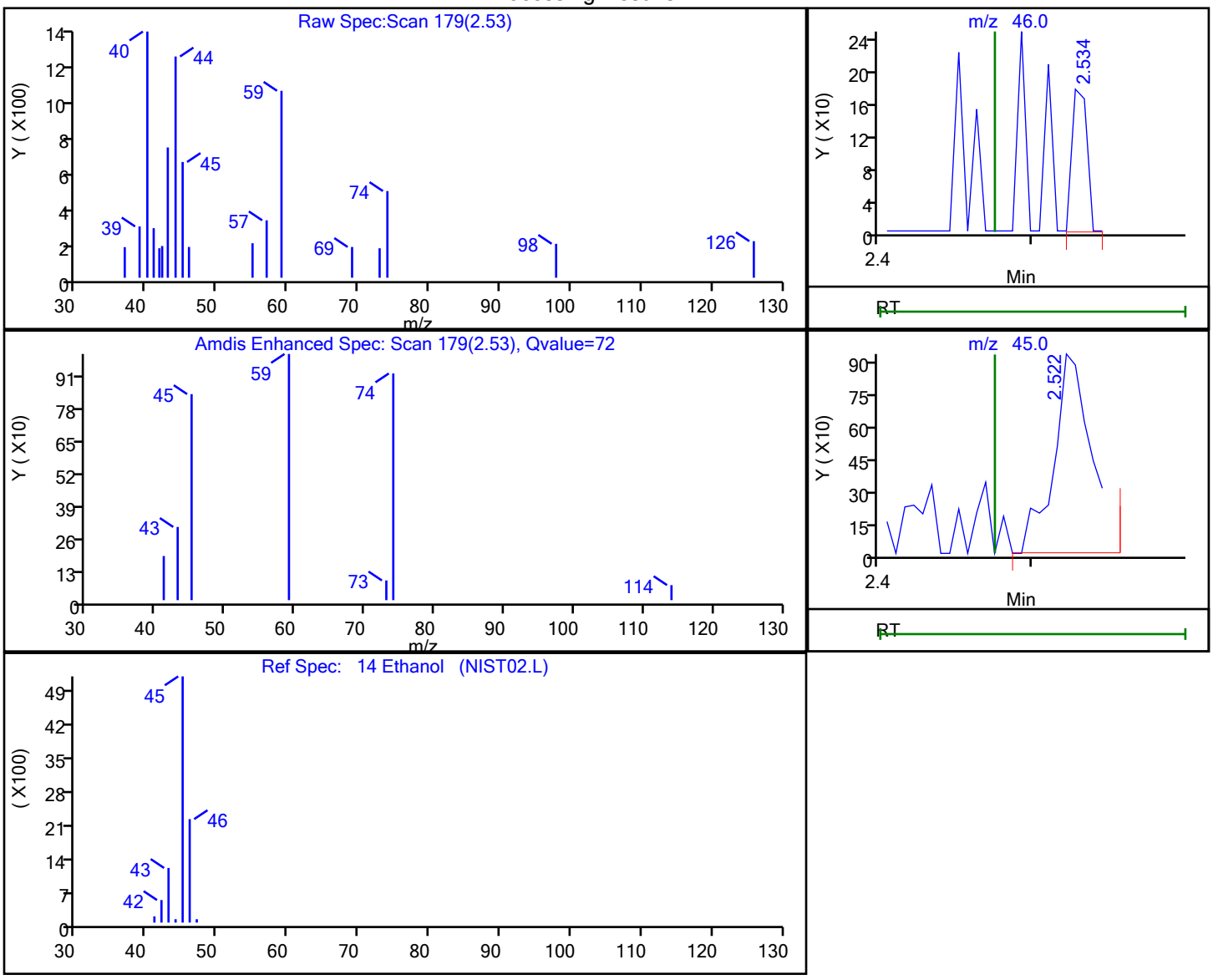
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.53	46.00	121	12.498244
2.52	45.00	1528	

Reviewer: NN6A, 14-May-2025 20:25:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

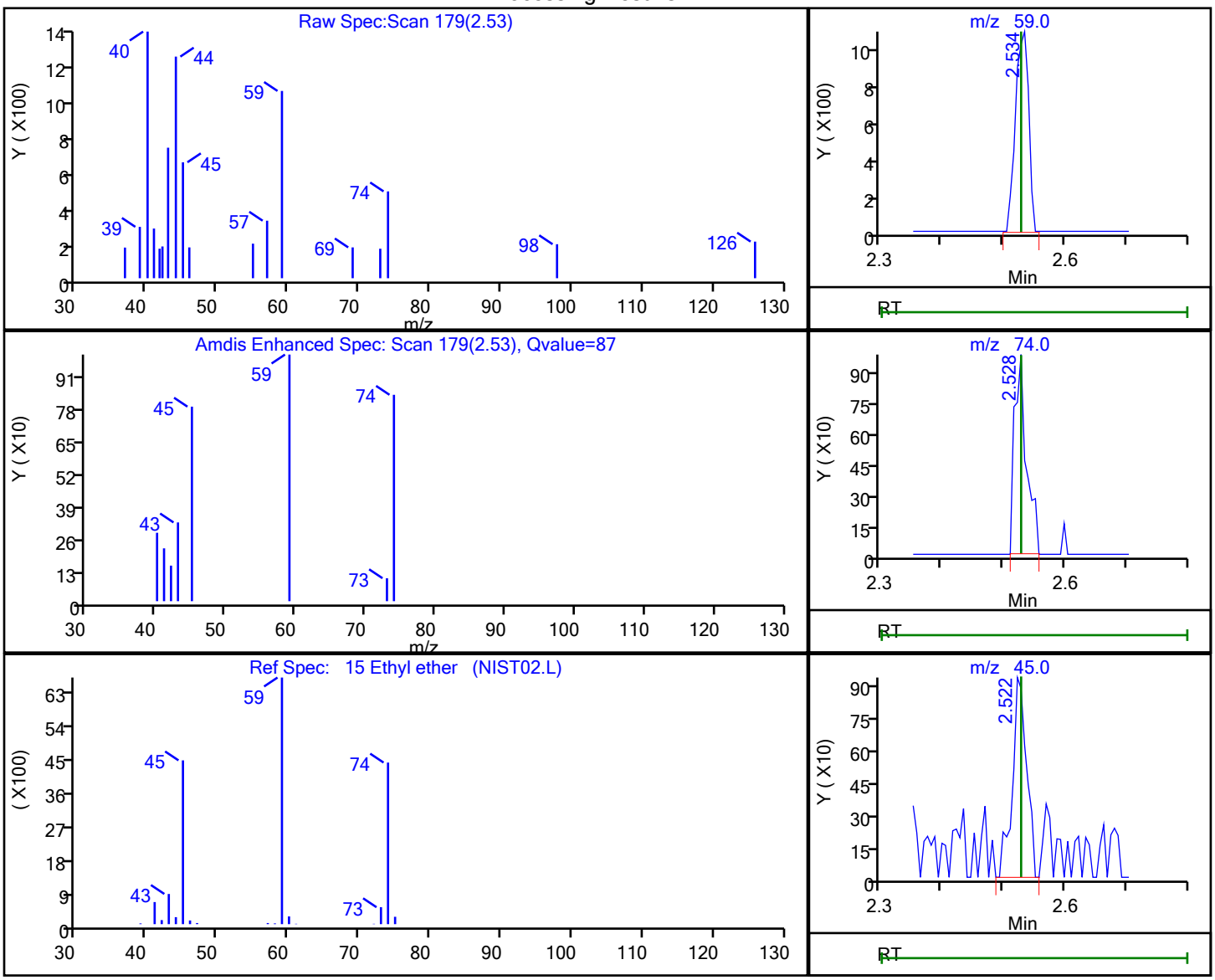
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.53	59.00	1506	0.809492
2.53	74.00	1361	
2.52	45.00	1528	

Reviewer: NN6A, 14-May-2025 20:25:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

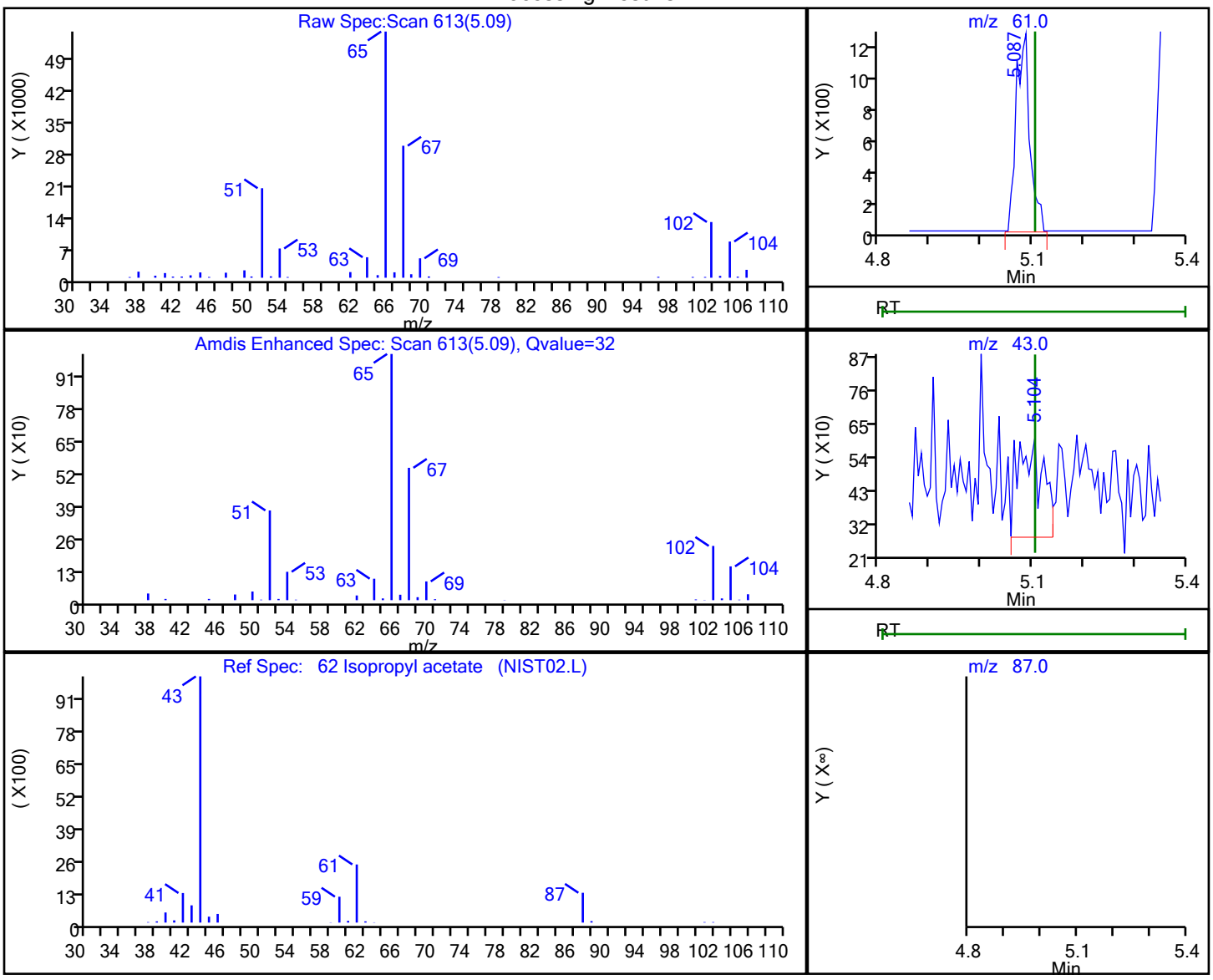
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
5.09	61.00	2331	0.428504
5.10	43.00	1100	
5.10	87.00	0	

Reviewer: NN6A, 14-May-2025 20:25:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

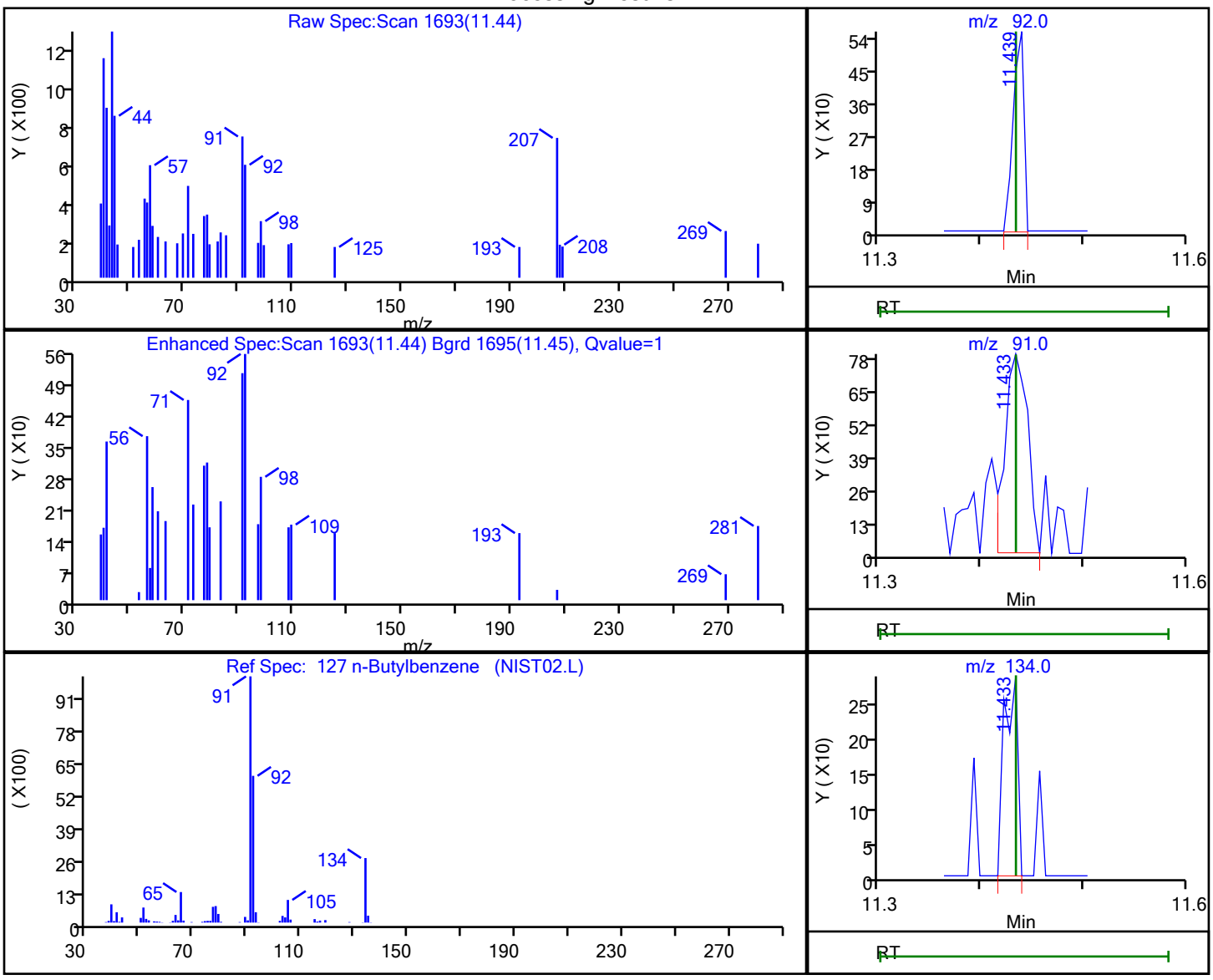
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.44	92.00	403	183.4888
11.43	91.00	1240	
11.43	134.00	265	

Reviewer: NN6A, 14-May-2025 20:26:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

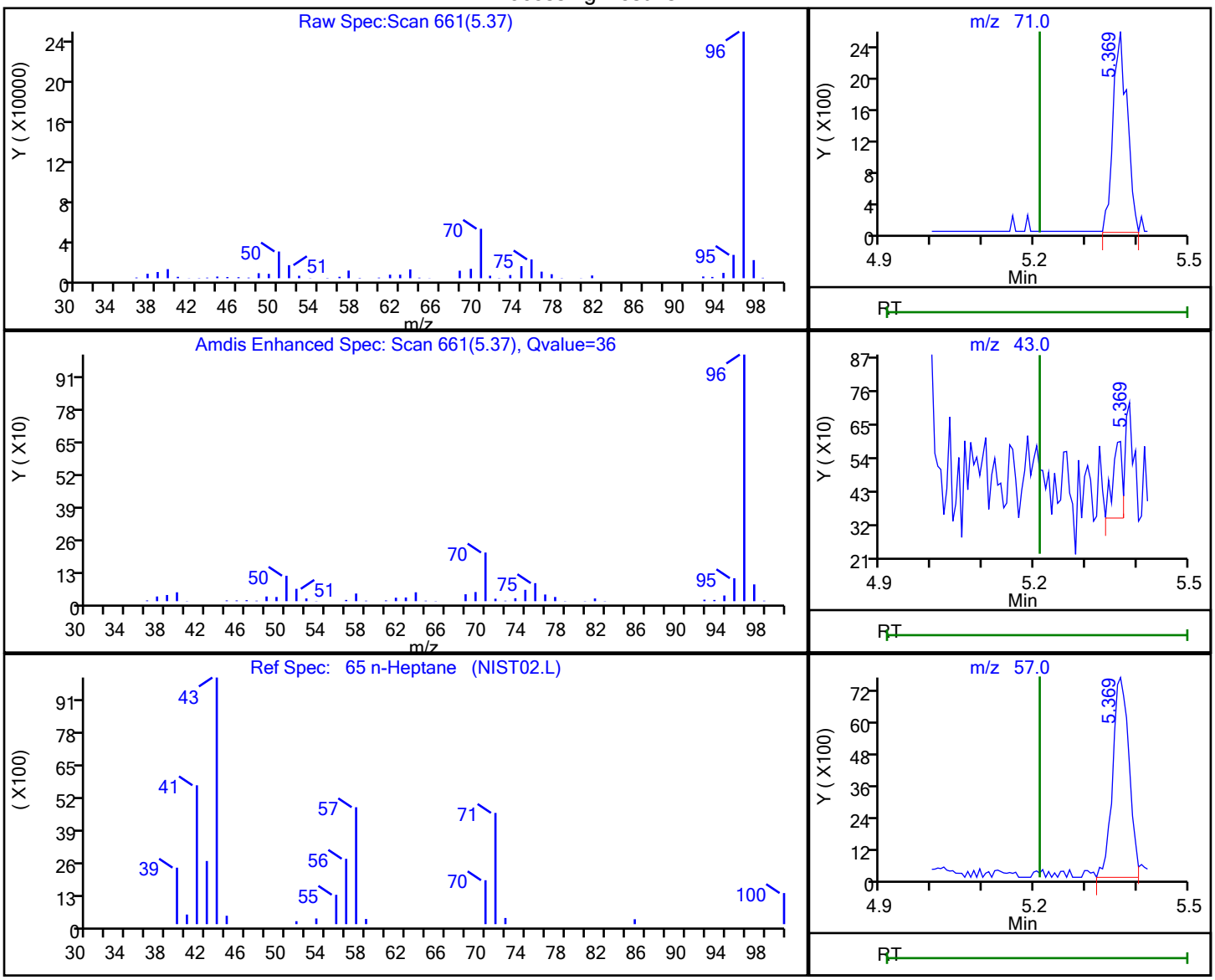
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.37	71.00	4768	5.904286
5.37	43.00	331	
5.37	57.00	17126	

Reviewer: NN6A, 14-May-2025 20:25:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

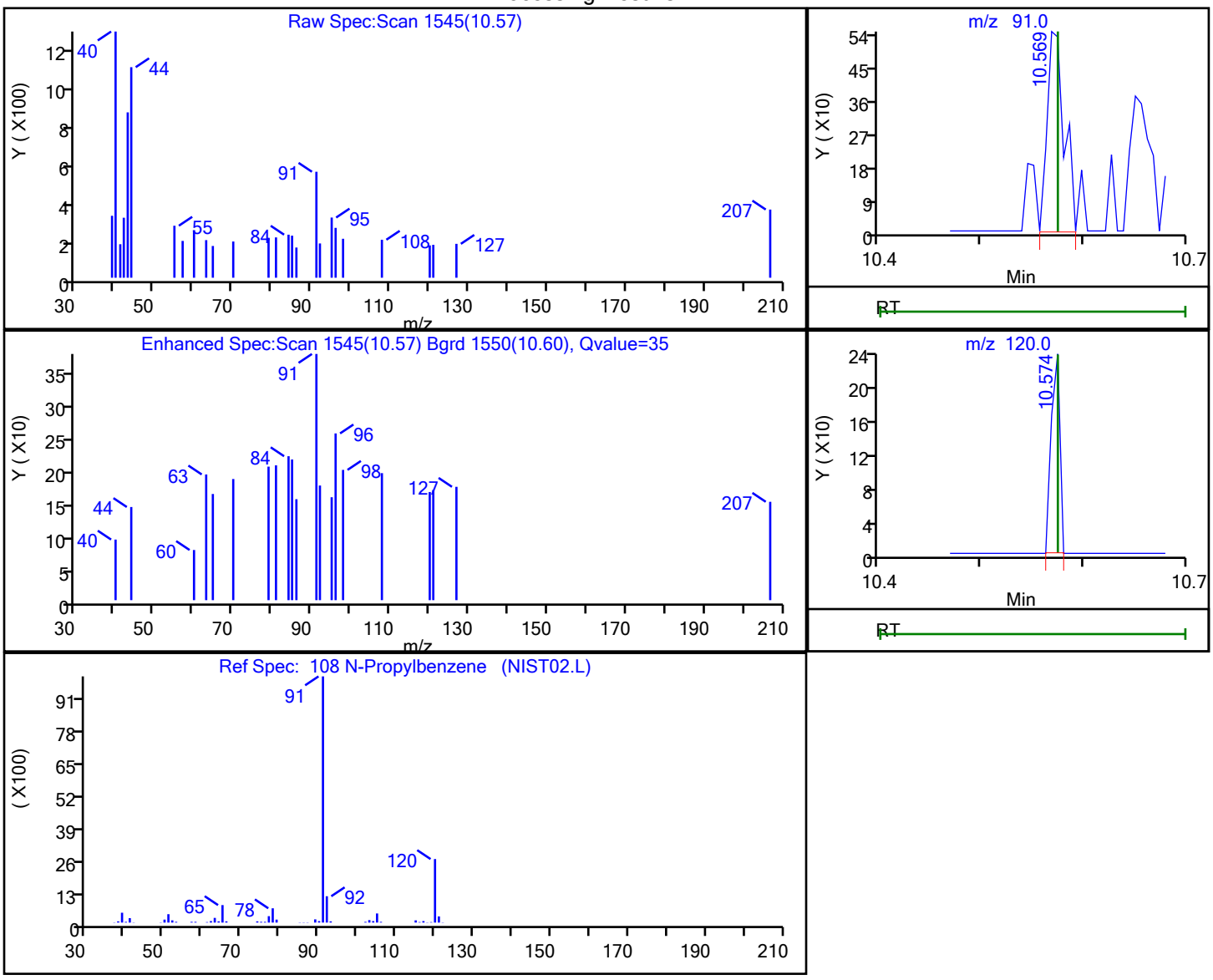
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

108 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
10.57	91.00	631	183.5307
10.57	120.00	143	

Reviewer: NN6A, 14-May-2025 20:26:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

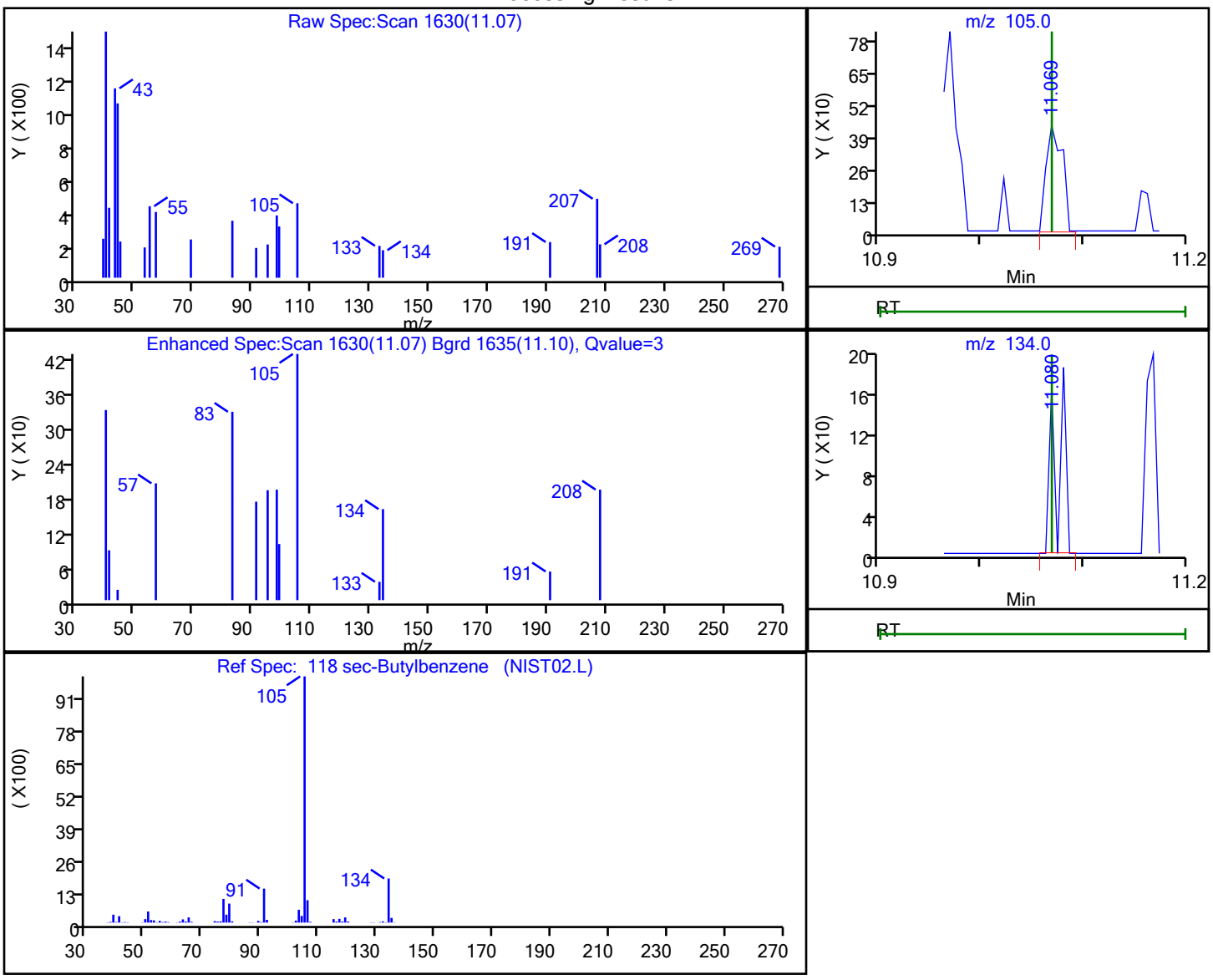
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
11.07	105.00	475	
11.08	134.00	120	183.5573

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

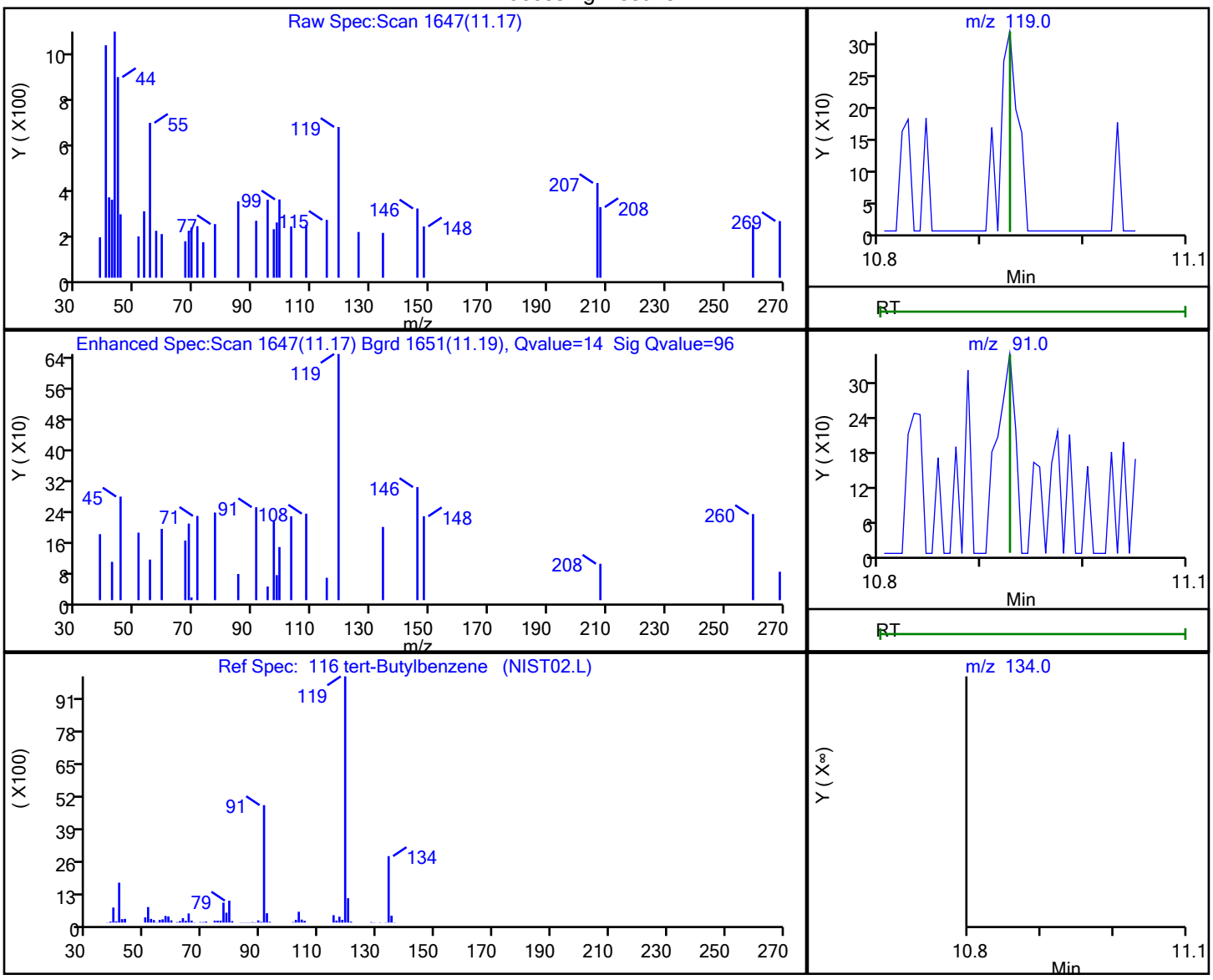
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
11.17	119.00	676	0.092733
11.16	91.00	288	
11.17	134.00	127	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

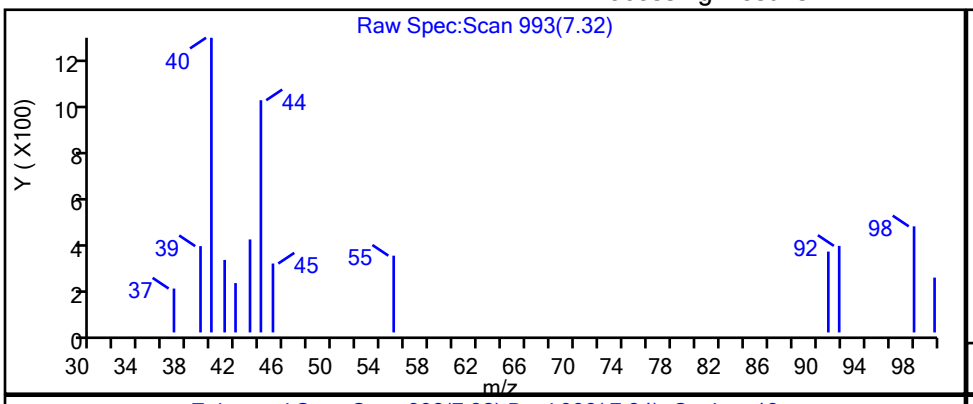
User Disabled Compound Report

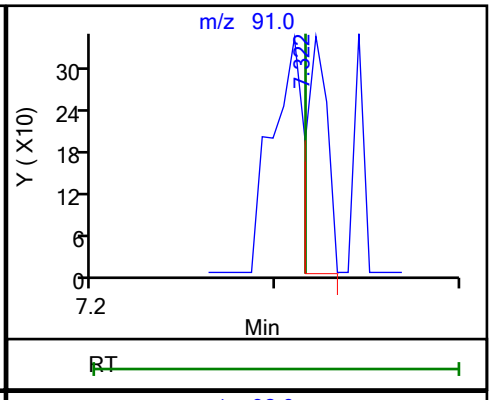
Eurofins Edison

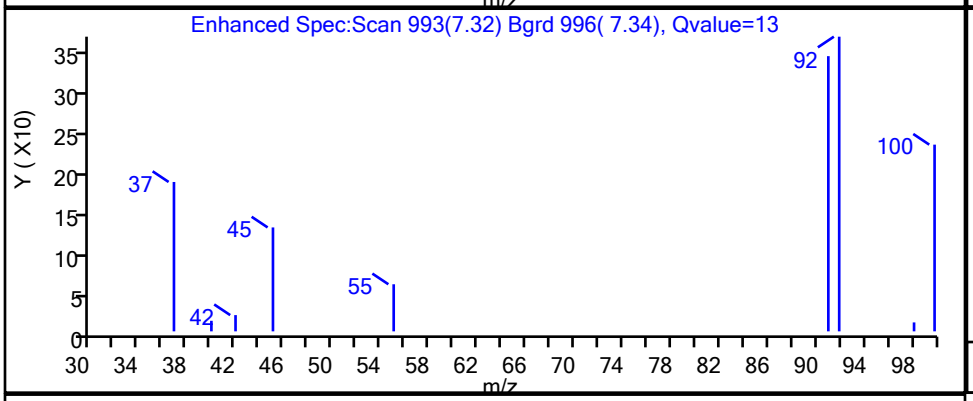
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

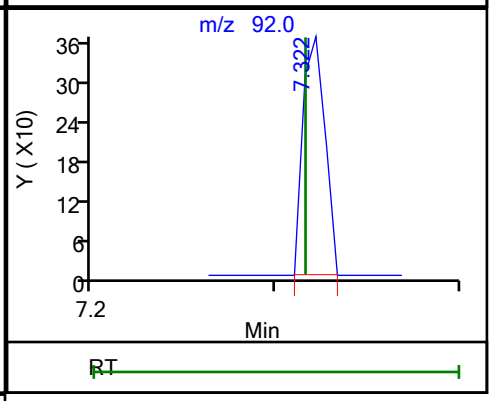
84 Toluene, CAS: 108-88-3

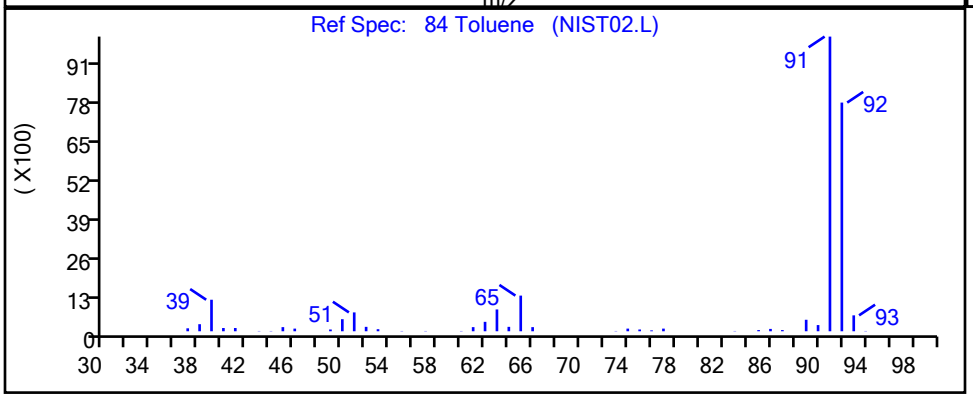
Processing Results











RT	Mass	Response	Amount
7.32	91.00	273	0.024419
7.32	92.00	305	

Reviewer: NN6A, 14-May-2025 20:26:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

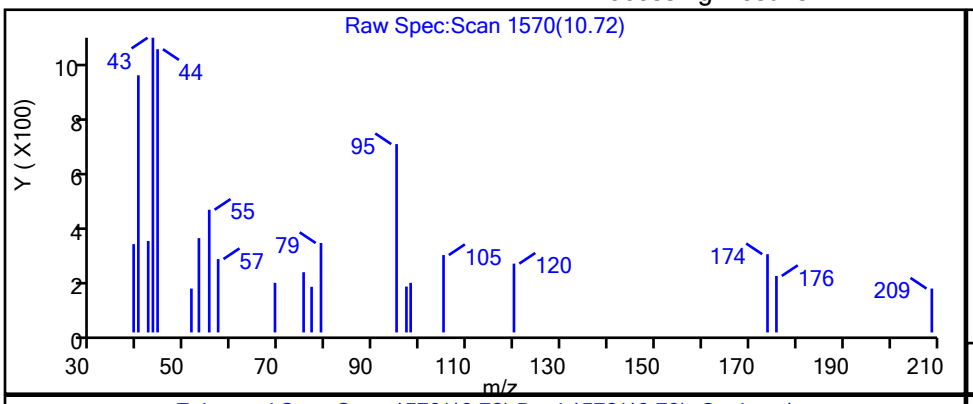
User Disabled Compound Report

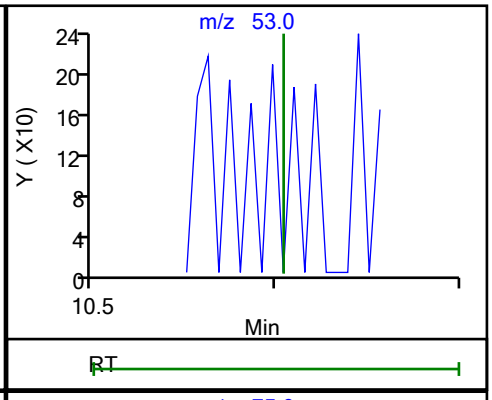
Eurofins Edison

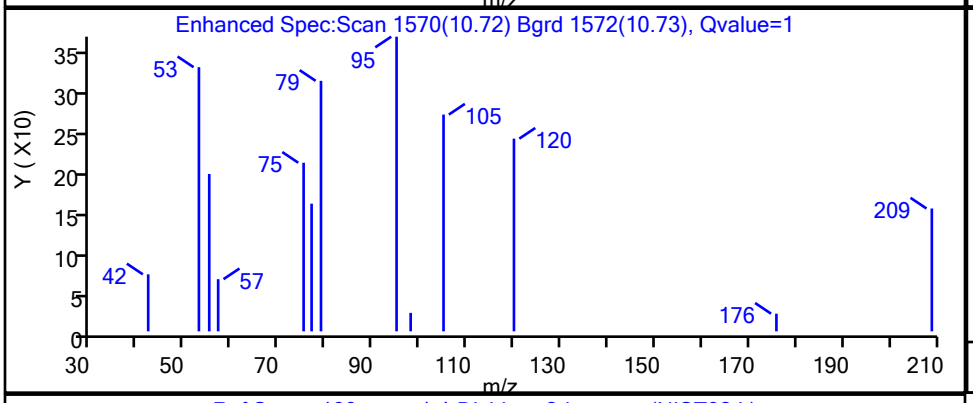
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

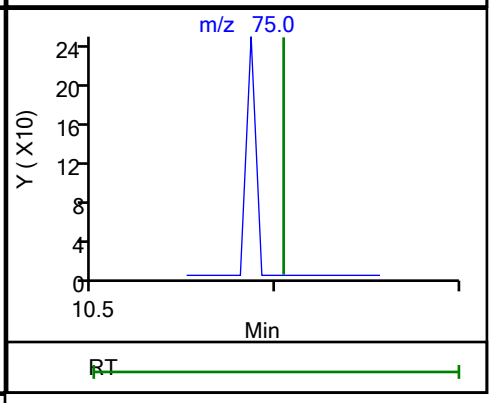
109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

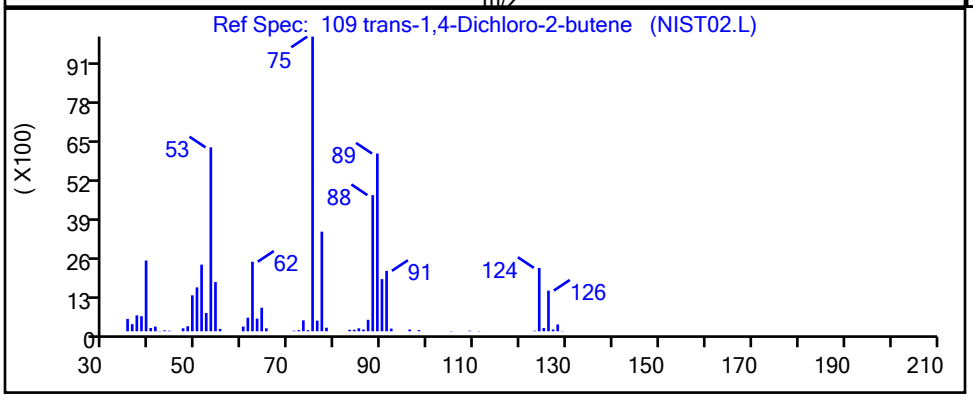
Processing Results











RT	Mass	Response	Amount
10.72	53.00	188	183.5477
10.72	75.00	239	

Reviewer: NN6A, 14-May-2025 20:26:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

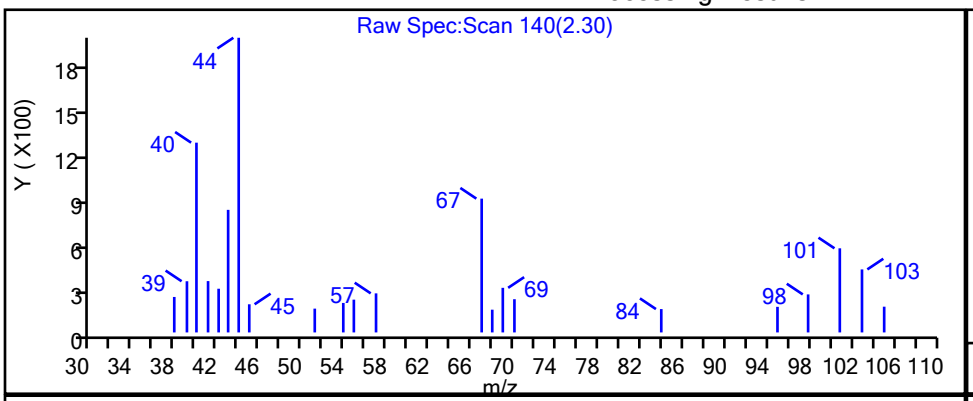
User Disabled Compound Report

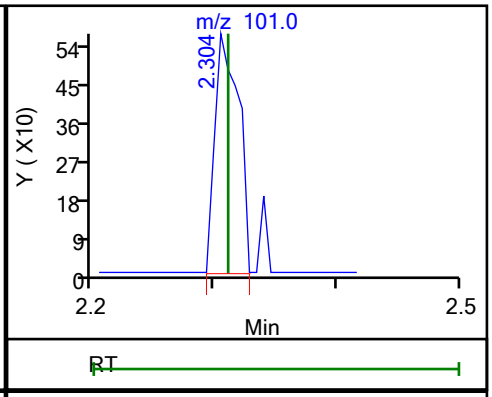
Eurofins Edison

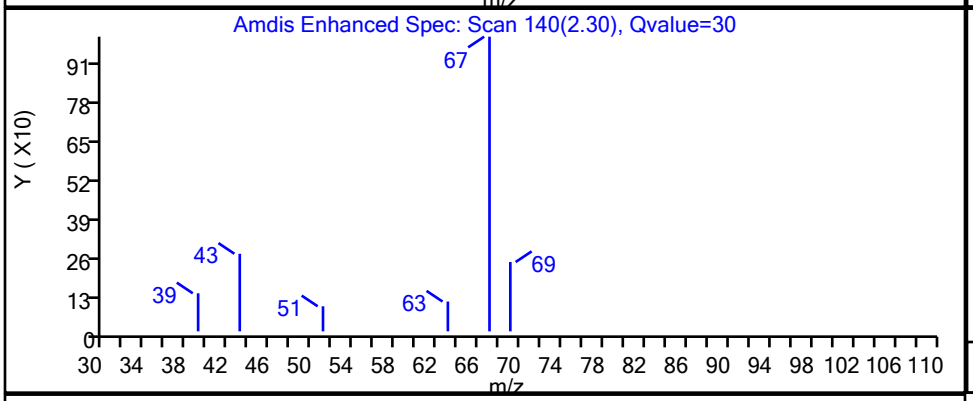
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

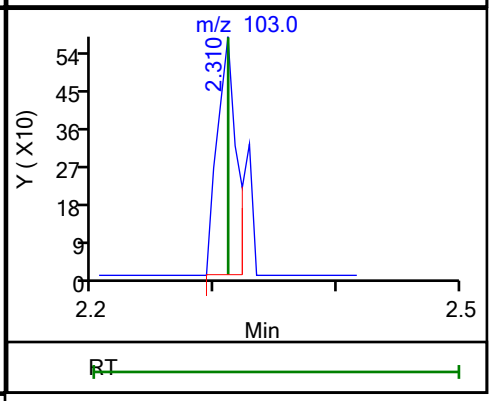
12 Trichlorofluoromethane, CAS: 75-69-4

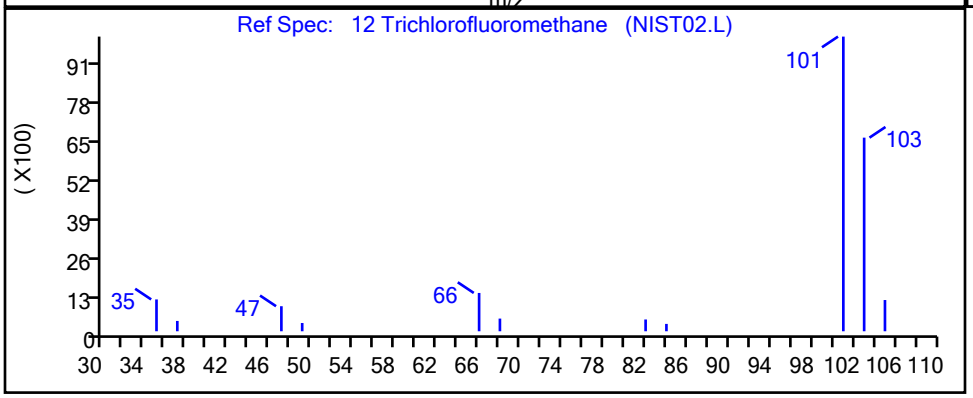
Processing Results











RT	Mass	Response	Amount
2.30	101.00	760	0.184921
2.31	103.00	632	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

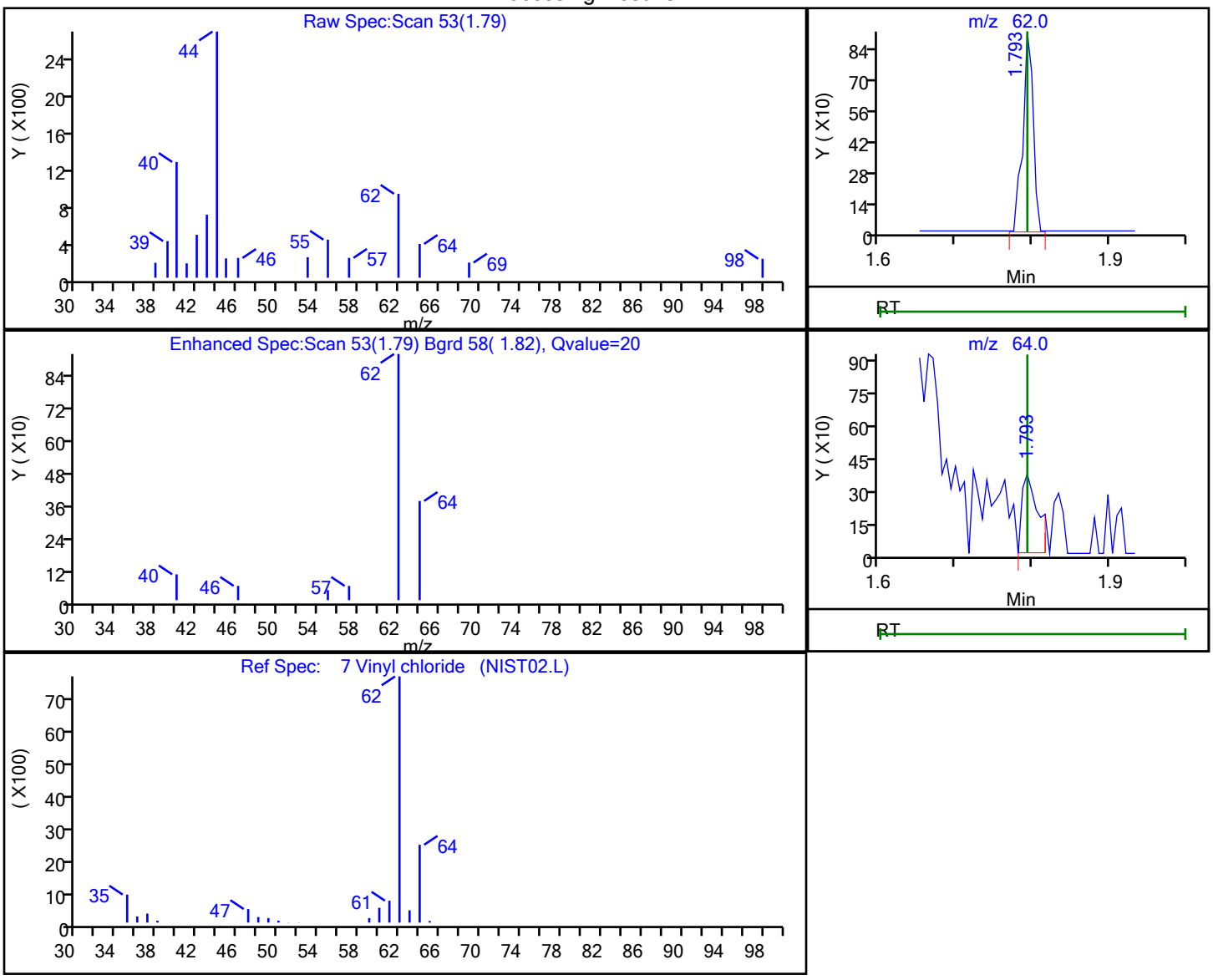
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26558.D
Injection Date: 14-May-2025 04:13:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.79	62.00	854	0.256271
1.79	64.00	535	

Reviewer: NN6A, 14-May-2025 20:25:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 14-May-2025 05:03:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0190761-006
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:08:58 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: HVW2 Date: 14-May-2025 05:56:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.505	1.510	-0.005	90	2296	5.00	4.41	
4 Dichlorodifluoromethane	85	1.540	1.540	0.000	97	19309	5.00	5.42	
165 Chlorodifluoromethane	51	1.558	1.558	0.000	94	16144	5.00	5.36	M
6 Chloromethane	50	1.728	1.728	0.000	98	18766	5.00	4.95	
7 Vinyl chloride	62	1.793	1.793	0.000	98	17425	5.00	5.26	
172 Butadiene	39	1.810	1.810	0.000	94	14652	5.00	4.87	
9 Bromomethane	94	2.075	2.069	0.006	97	9597	5.00	4.40	
10 Chloroethane	64	2.146	2.146	0.000	97	11517	5.00	5.17	
174 Dichlorofluoromethane	67	2.299	2.299	0.000	98	30173	5.00	4.99	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	98	21603	5.00	5.05	
13 Pentane	72	2.352	2.352	0.000	97	4893	10.0	16.9	
14 Ethanol	46	2.481	2.475	0.006	74	1940	200.0	188.0	
15 Ethyl ether	59	2.528	2.528	0.000	95	11172	5.00	5.10	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	83	12463	5.00	5.60	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.557	2.557	0.000	87	10925	5.00	5.06	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.605	2.610	-0.005	95	19265	5.00	5.18	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	93	13101	5.00	5.69	
19 Acrolein	56	2.693	2.693	0.000	47	4561	20.0	17.3	a
21 1,1-Dichloroethene	96	2.728	2.728	0.000	97	12421	5.00	5.05	
22 Acetone	58	2.805	2.810	-0.006	86	3100	25.0	22.5	
24 Isopropyl alcohol	45	2.869	2.863	0.006	98	4561	50.0	51.6	a
23 Iodomethane	142	2.881	2.887	-0.006	99	12235	5.00	3.96	
25 Carbon disulfide	76	2.922	2.922	0.000	99	43563	5.00	5.33	
27 Methyl acetate	43	3.028	3.028	0.000	60	10259	10.0	10.1	
161 3-Chloro-1-propene	76	3.034	3.028	0.006	94	8516	5.00	4.93	
166 Cyclopentene	67	3.052	3.052	0.000	93	37385	5.00	5.55	
29 Acetonitrile	41	3.099	3.099	0.000	97	8918	50.0	47.0	
* 30 TBA-d9 (IS)	65	3.110	3.110	0.000	0	117682	1000.0	1000.0	
31 Methylene Chloride	84	3.152	3.152	0.000	90	14832	5.00	5.18	
32 2-Methyl-2-propanol	59	3.187	3.181	0.006	97	7098	50.0	51.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.304	3.299	0.005	97	28595	5.00	4.69	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	92	14950	5.00	5.29	
35 Acrylonitrile	53	3.404	3.404	0.000	93	25461	50.0	47.6	
36 Hexane	43	3.475	3.481	-0.006	90	10069	5.00	6.62	
37 Isopropyl ether	45	3.675	3.675	0.000	97	39555	5.00	4.94	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	80	25570	5.00	5.04	
39 Vinyl acetate	86	3.734	3.728	0.006	99	3938	10.0	10.5	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	92	12629	5.00	5.16	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	88	36526	5.00	4.90	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	136531	250.0	250.0	
43 2,2-Dichloropropane	97	4.228	4.222	0.006	93	5471	5.00	5.53	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	95	15870	5.00	4.97	
46 Ethyl acetate	70	4.257	4.257	0.000	94	1753	10.0	9.07	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	97	4319	25.0	22.3	
47 Methyl acrylate	55	4.316	4.316	0.000	98	6496	5.00	4.41	
48 Propionitrile	54	4.404	4.404	0.000	99	10334	50.0	51.8	
50 Chlorobromomethane	128	4.487	4.487	0.000	90	6162	5.00	4.74	
49 Tetrahydrofuran	42	4.504	4.493	0.011	49	5798	10.0	8.45	
51 Methacrylonitrile	67	4.510	4.510	0.000	93	33456	50.0	47.8	
52 Chloroform	83	4.534	4.534	0.000	98	26273	5.00	5.17	
53 Cyclohexane	56	4.675	4.681	-0.006	86	22131	5.00	6.00	
54 1,1,1-Trichloroethane	97	4.699	4.693	0.005	45	23140	5.00	5.38	
$ 55 Dibromofluoromethane (Surr)	113	4.699	4.699	0.000	96	127933	50.0	49.6	
56 Carbon tetrachloride	117	4.816	4.822	-0.006	97	18188	5.00	5.28	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	96	19370	5.00	5.14	
58 Isobutyl alcohol	43	4.957	4.946	0.011	92	7788	125.0	131.3	
59 Isooctane	57	5.022	5.022	0.000	98	29812	5.00	6.74	
60 Benzene	78	5.069	5.069	0.000	94	54994	5.00	4.84	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	129205	50.0	50.3	
62 Isopropyl acetate	61	5.098	5.104	-0.006	72	5825	5.00	4.77	
63 Tert-amyl methyl ether	87	5.110	5.110	0.000	94	9216	5.00	4.80	a
64 1,2-Dichloroethane	62	5.163	5.163	0.000	97	16064	5.00	4.79	
65 n-Heptane	71	5.204	5.210	-0.006	90	8596	5.00	7.40	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	516323	50.0	50.0	
67 n-Butanol	56	5.681	5.675	0.006	83	4504	125.0	112.2	
68 Trichloroethene	95	5.751	5.757	-0.006	98	15103	5.00	5.05	
69 Ethyl acrylate	99	5.875	5.881	-0.006	96	1668	5.00	5.81	a
70 Methylcyclohexane	83	5.893	5.893	0.000	84	18769	5.00	6.10	
71 1,2-Dichloropropane	63	6.075	6.075	0.000	92	14090	5.00	4.89	
* 73 1,4-Dioxane-d8	96	6.140	6.134	0.006	0	14450	1000.0	1000.0	
72 Methyl methacrylate	69	6.145	6.151	-0.006	89	12398	10.0	9.47	
75 1,4-Dioxane	88	6.198	6.198	0.000	27	1642	100.0	104.7	
74 n-Propyl acetate	43	6.204	6.204	0.000	90	9906	5.00	4.50	
76 Dibromomethane	93	6.216	6.222	-0.006	96	7235	5.00	5.00	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	18559	5.00	4.89	
79 2-Nitropropane	41	6.763	6.757	0.006	90	3935	10.0	8.57	
80 Epichlorohydrin	57	6.887	6.887	0.000	98	11142	100.0	95.7	
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	92	21817	5.00	4.61	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.128	0.006	95	35659	25.0	25.4	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	487899	50.0	50.7	
84 Toluene	91	7.316	7.316	0.000	93	56909	5.00	4.98	
86 trans-1,3-Dichloropropene	75	7.722	7.722	0.000	96	17794	5.00	4.66	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.745	7.745	0.000	74	13058	5.00	5.06	
87 1,1,2-Trichloroethane	83	7.987	7.987	0.000	96	9232	5.00	5.57	
88 Tetrachloroethene	166	8.039	8.034	0.005	93	12635	5.00	4.80	
89 1,3-Dichloropropane	76	8.263	8.257	0.006	91	18006	5.00	5.22	
90 2-Hexanone	58	8.345	8.339	0.006	95	13192	25.0	24.5	
91 n-Butyl acetate	73	8.492	8.492	0.000	97	2181	5.00	5.02	
92 Chlorodibromomethane	129	8.569	8.563	0.006	96	11232	5.00	4.73	
93 Ethylene Dibromide	107	8.769	8.763	0.006	92	9851	5.00	4.99	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	86	356879	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	95	35732	5.00	4.96	
96 Ethylbenzene	106	9.433	9.433	0.000	98	20186	5.00	5.04	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.445	0.006	94	12481	5.00	5.15	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	24222	5.00	5.01	
99 n-Butyl acrylate	73	9.933	9.933	0.000	97	7758	5.00	4.90	
100 o-Xylene	106	9.951	9.951	0.000	94	22236	5.00	4.72	
101 Styrene	104	9.975	9.975	0.000	94	37751	5.00	4.87	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	90	14694	5.00	4.85	
103 Bromoform	173	10.157	10.157	0.000	94	6035	5.00	4.66	
104 Isopropylbenzene	105	10.251	10.251	0.000	96	54064	5.00	5.17	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	87	136364	50.0	50.3	
107 Bromobenzene	156	10.528	10.528	0.000	98	13808	5.00	4.78	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	98	9462	5.00	4.78	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	69053	5.00	4.97	
110 1,2,3-Trichloropropane	110	10.598	10.592	0.006	94	2816	5.00	5.00	
109 trans-1,4-Dichloro-2-butene	53	10.604	10.604	0.000	76	3089	5.00	5.14	
112 2-Chlorotoluene	91	10.657	10.657	0.000	92	46681	5.00	4.78	
169 4-Ethyltoluene	105	10.657	10.657	0.000	88	55645	5.00	4.85	
113 1,3,5-Trimethylbenzene	105	10.710	10.704	0.006	93	43594	5.00	4.83	
115 4-Chlorotoluene	91	10.745	10.745	0.000	97	43654	5.00	4.90	
114 Butyl Methacrylate	87	10.775	10.775	0.000	88	15685	5.00	4.83	
116 tert-Butylbenzene	119	10.928	10.928	0.000	94	36092	5.00	4.87	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	97	44322	5.00	4.77	
118 sec-Butylbenzene	134	11.075	11.069	0.006	99	10624	5.00	4.93	
119 4-Isopropyltoluene	119	11.163	11.163	0.000	97	44182	5.00	4.80	
120 1,3-Dichlorobenzene	146	11.175	11.175	0.000	93	24373	5.00	4.60	
* 121 1,4-Dichlorobenzene-d4	152	11.222	11.222	0.000	96	175186	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.239	11.239	0.000	96	25943	5.00	4.75	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	99	43966	5.00	4.65	
124 Benzyl chloride	91	11.339	11.339	0.000	98	18984	5.00	4.78	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	94	42306	5.00	4.91	
164 p-Diethylbenzene	119	11.416	11.416	0.000	92	25648	5.00	4.73	
127 n-Butylbenzene	92	11.433	11.433	0.000	97	21190	5.00	4.78	
128 1,2-Dichlorobenzene	146	11.492	11.498	-0.006	95	22437	5.00	4.89	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	97	34471	5.00	4.45	
130 1,2-Dibromo-3-Chloropropane	157	12.063	12.069	-0.006	89	1176	5.00	3.69	
131 1,3,5-Trichlorobenzene	180	12.169	12.169	0.000	95	13883	5.00	4.67	
132 1,2,4-Trichlorobenzene	180	12.704	12.698	0.006	91	9640	5.00	4.20	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	87	4151	5.00	4.27	
134 Naphthalene	128	12.939	12.945	-0.006	99	18889	5.00	4.14	
135 1,2,3-Trichlorobenzene	180	13.169	13.174	-0.005	94	6788	5.00	4.54	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 137 Xylenes, Total	100				0		10.0	9.73	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00641	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	10.00	Units: uL	
524FREONS_00033	Amount Added:	10.00	Units: uL	
ACROLEIN W_00183	Amount Added:	4.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:08:59 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D

Injection Date: 14-May-2025 05:03:30 Instrument ID: CVOAMS1 Operator ID:

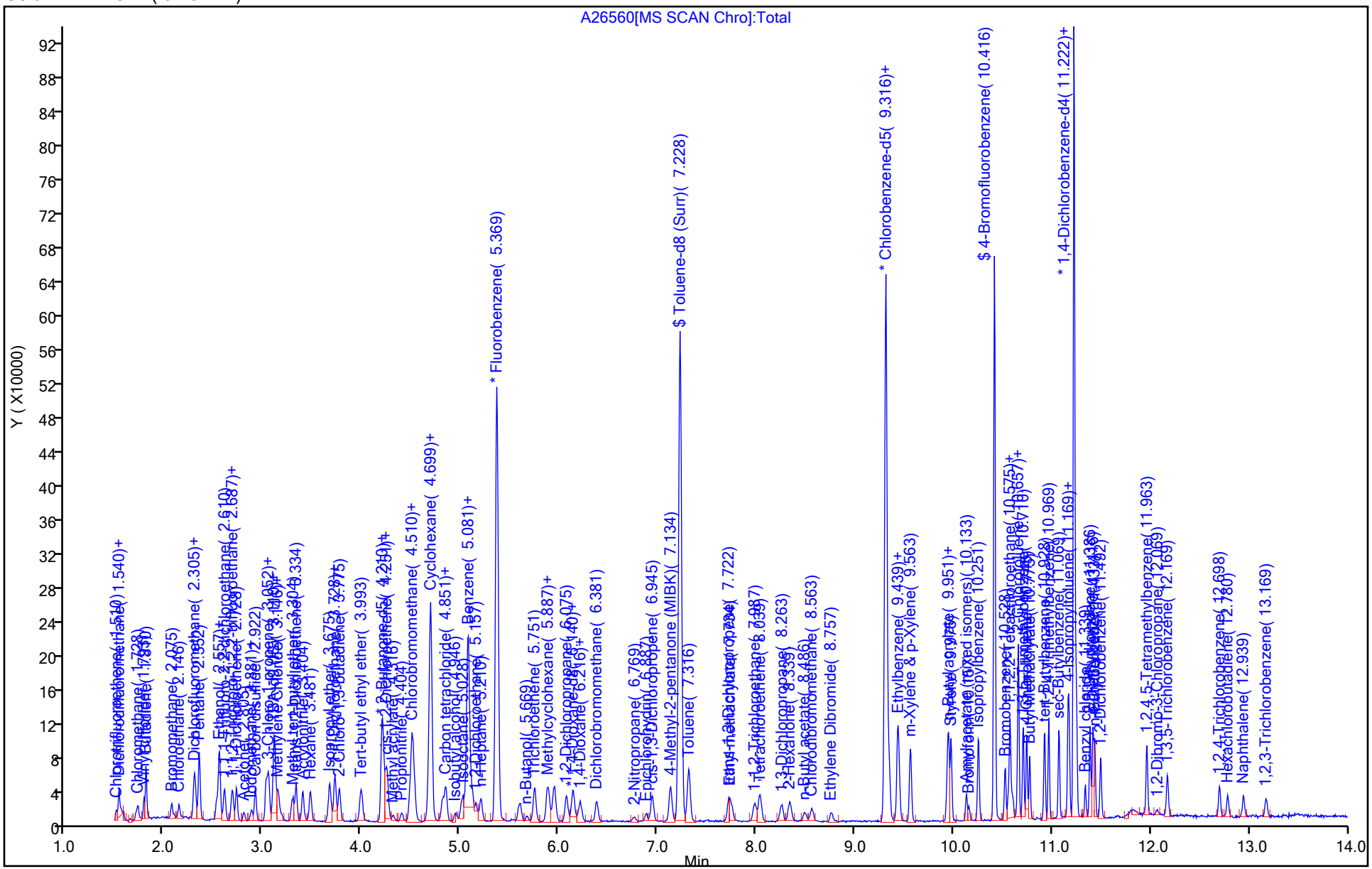
Lims ID: STD5 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

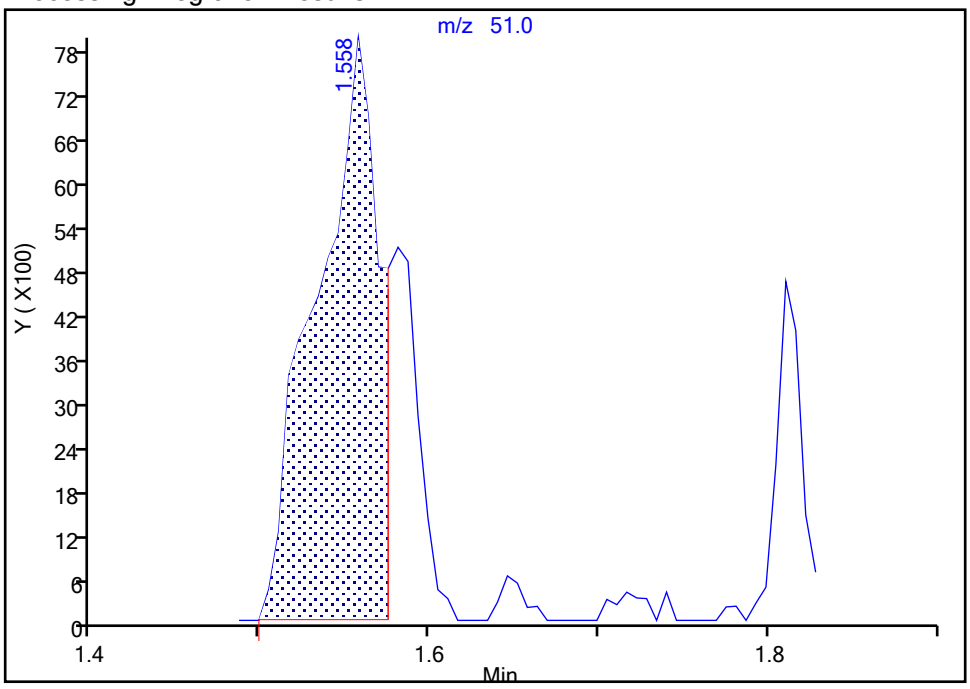
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D
Injection Date: 14-May-2025 05:03:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

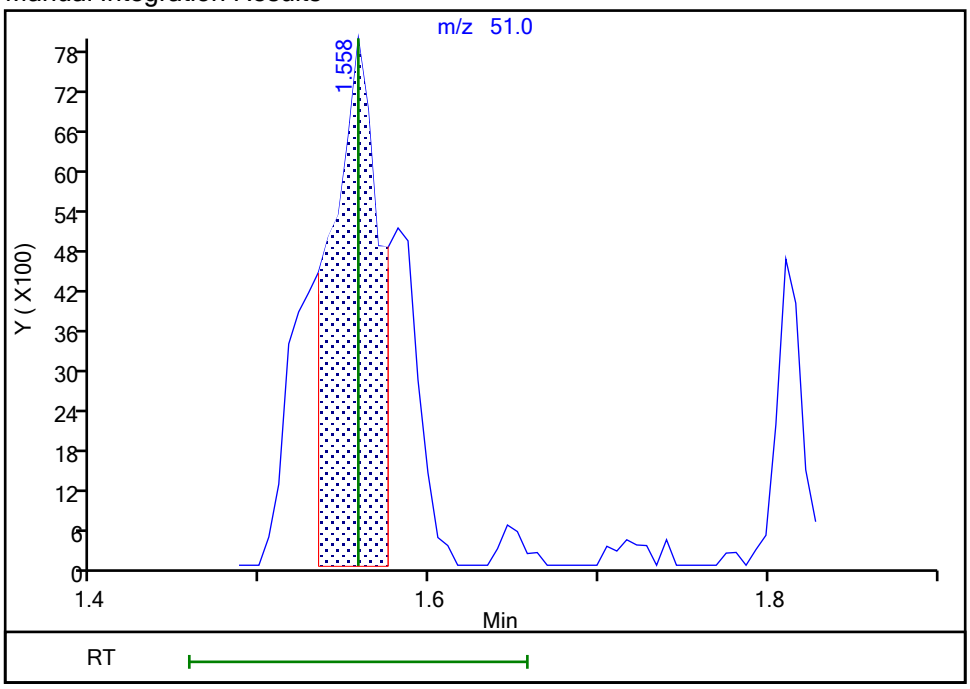
Processing Integration Results

RT: 1.56
Area: 20726
Amount: 6.109946
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 16144
Amount: 5.360442
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:26:59 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

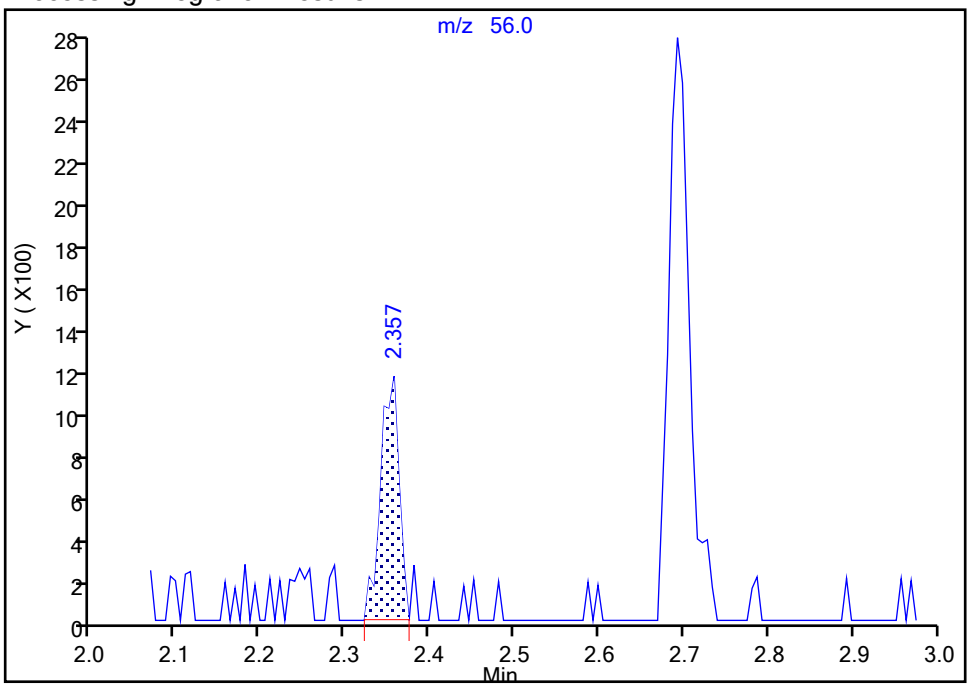
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D
Injection Date: 14-May-2025 05:03:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

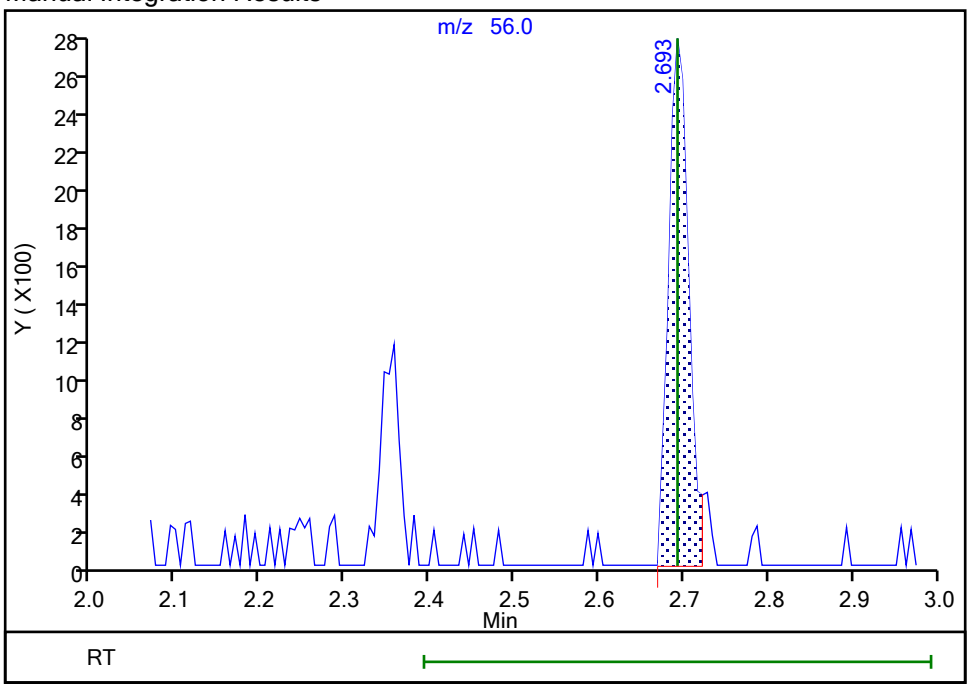
Processing Integration Results

RT: 2.36
Area: 1744
Amount: 15.333556
Amount Units: ug/l



Manual Integration Results

RT: 2.69
Area: 4561
Amount: 17.275221
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:32:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

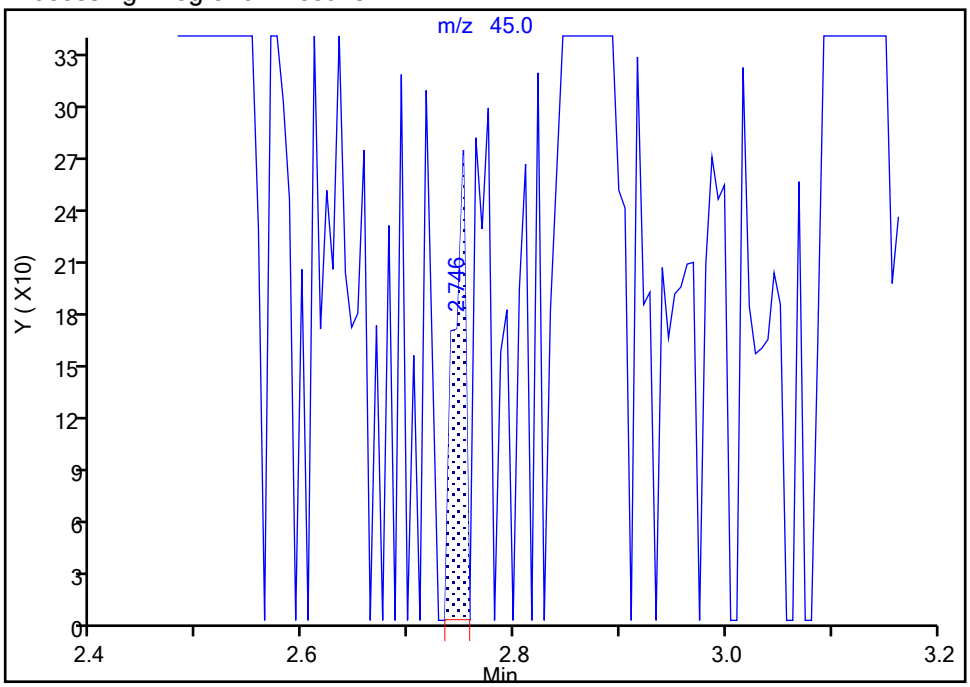
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D
Injection Date: 14-May-2025 05:03:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

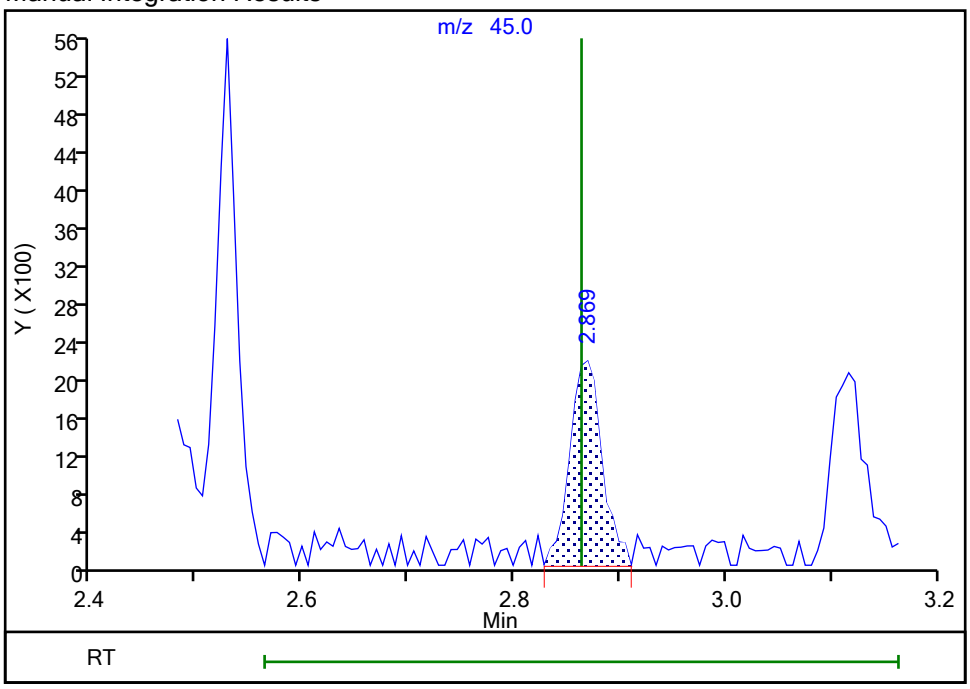
Processing Integration Results

RT: 2.75
Area: 211
Amount: 2.598429
Amount Units: ug/l



Manual Integration Results

RT: 2.87
Area: 4561
Amount: 51.608114
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:27:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

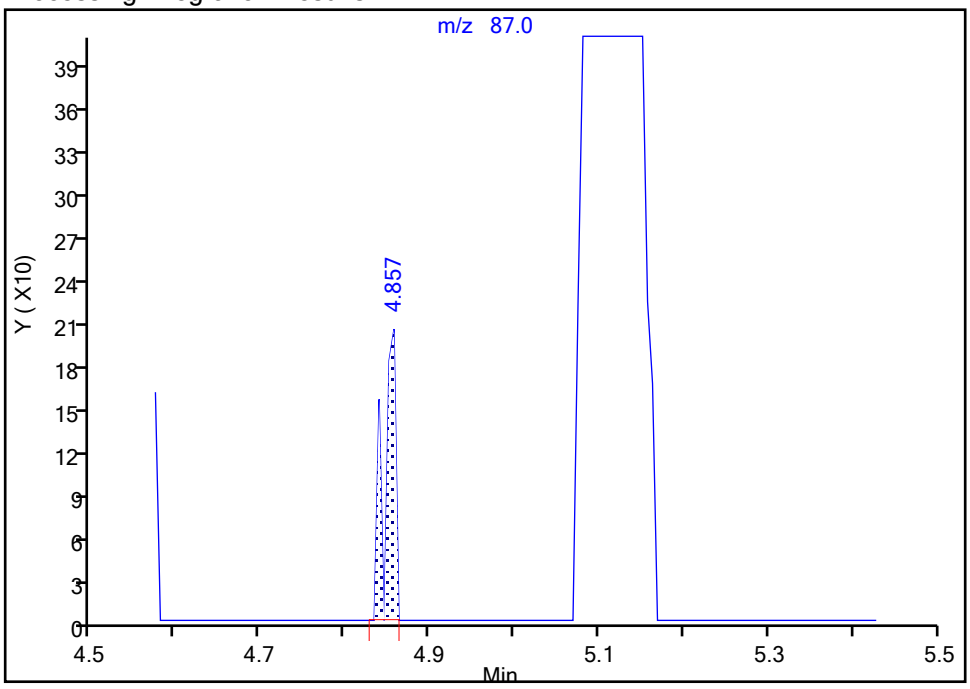
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D
Injection Date: 14-May-2025 05:03:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

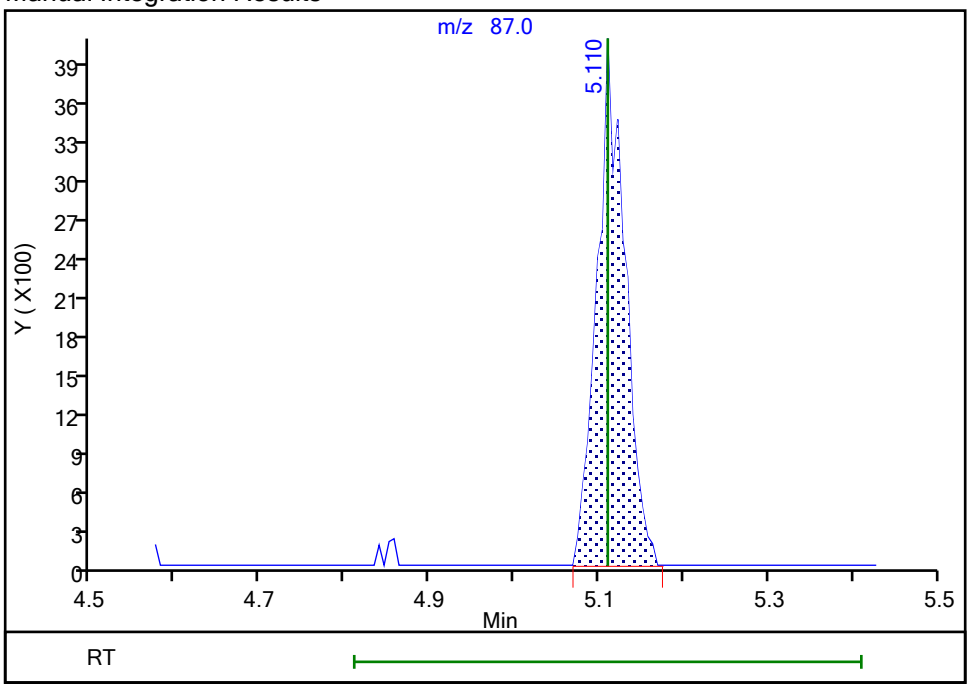
Processing Integration Results

RT: 4.86
Area: 190
Amount: 0.117484
Amount Units: ug/l



Manual Integration Results

RT: 5.11
Area: 9216
Amount: 4.804732
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:27:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

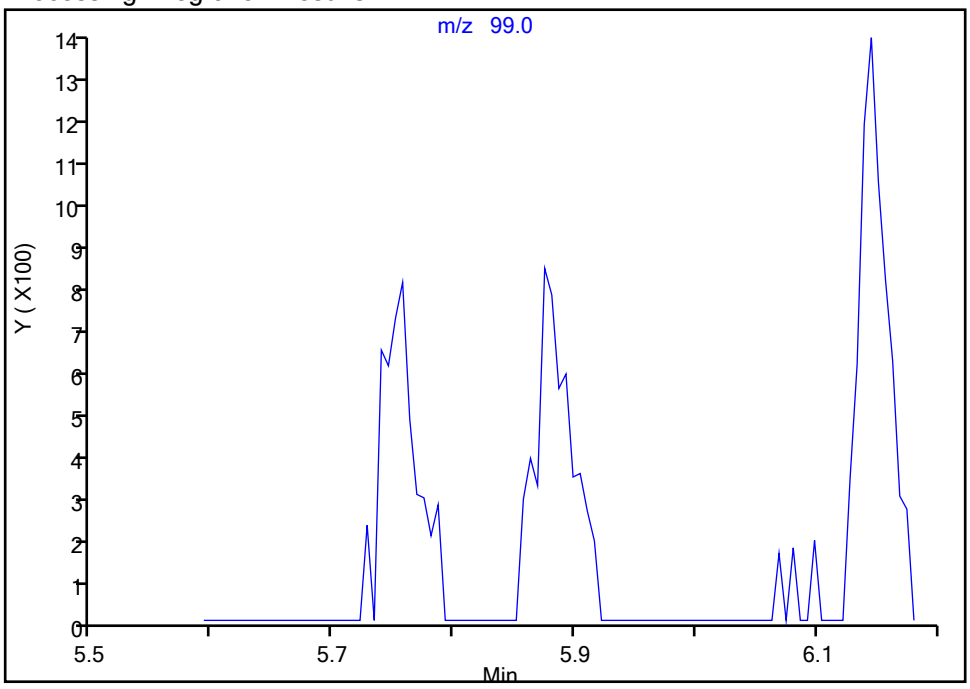
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26560.D
Injection Date: 14-May-2025 05:03:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

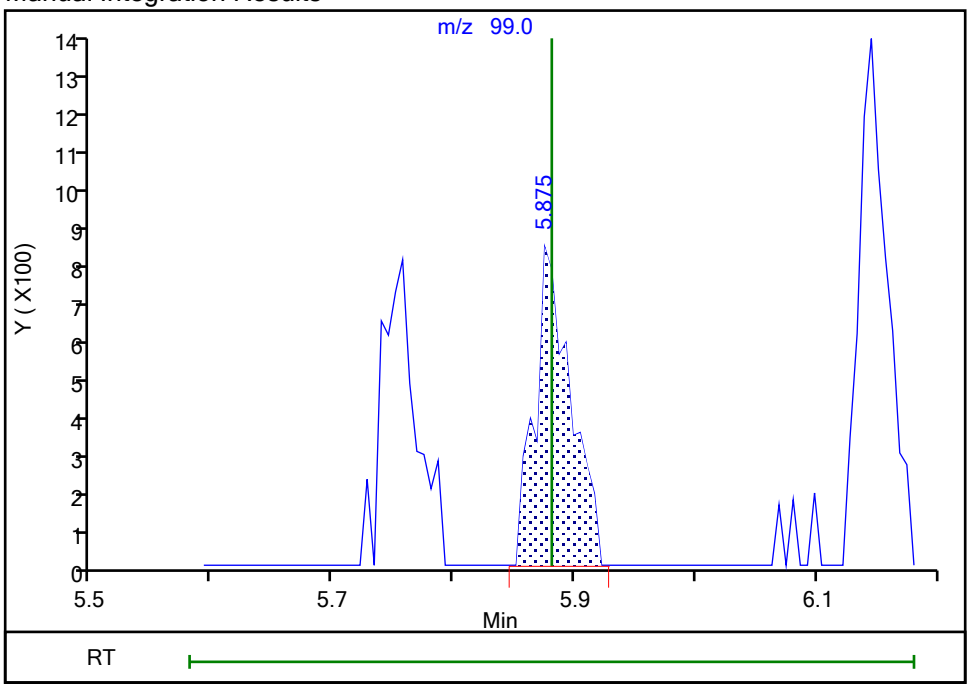
Not Detected
Expected RT: 5.88

Processing Integration Results



Manual Integration Results

RT: 5.87
Area: 1668
Amount: 5.812140
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:27:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26561.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 14-May-2025 05:27:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0190761-007
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:09:12 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: HVW2 Date: 14-May-2025 05:58:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.510	1.510	0.000	92	8971	20.0	17.4	
4 Dichlorodifluoromethane	85	1.540	1.540	0.000	99	63594	20.0	18.0	
165 Chlorodifluoromethane	51	1.558	1.558	0.000	95	59700	20.0	20.0	
6 Chloromethane	50	1.728	1.728	0.000	99	74544	20.0	19.9	
7 Vinyl chloride	62	1.793	1.793	0.000	97	64207	20.0	19.6	
172 Butadiene	39	1.810	1.810	0.000	95	51945	20.0	17.4	
9 Bromomethane	94	2.069	2.069	0.000	97	40282	20.0	18.7	
10 Chloroethane	64	2.146	2.146	0.000	99	43334	20.0	19.6	
174 Dichlorofluoromethane	67	2.299	2.299	0.000	98	119464	20.0	19.9	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	98	82479	20.0	19.5	
13 Pentane	72	2.352	2.352	0.000	97	15734	40.0	53.1	
14 Ethanol	46	2.475	2.475	0.000	96	7222	800.0	819.4	
15 Ethyl ether	59	2.528	2.528	0.000	94	38080	20.0	19.9	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	85	43108	20.0	19.6	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.557	2.557	0.000	92	39873	20.0	18.6	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	96	70245	20.0	19.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	96	42927	20.0	18.8	
19 Acrolein	56	2.693	2.693	0.000	40	9620	40.0	38.5	a
21 1,1-Dichloroethene	96	2.728	2.728	0.000	98	49681	20.0	20.4	
22 Acetone	58	2.810	2.810	0.000	87	12684	100.0	90.7	
24 Isopropyl alcohol	45	2.863	2.863	0.000	86	16975	200.0	189.1	
23 Iodomethane	142	2.887	2.887	0.000	100	56029	20.0	18.3	
25 Carbon disulfide	76	2.922	2.922	0.000	99	163851	20.0	20.2	
27 Methyl acetate	43	3.028	3.028	0.000	78	41765	40.0	40.6	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	93	34966	20.0	20.5	
166 Cyclopentene	67	3.052	3.052	0.000	95	128819	20.0	19.3	
29 Acetonitrile	41	3.099	3.099	0.000	67	39777	200.0	206.4	
* 30 TBA-d9 (IS)	65	3.110	3.110	0.000	0	119563	1000.0	1000.0	
31 Methylene Chloride	84	3.152	3.152	0.000	92	58486	20.0	20.6	
32 2-Methyl-2-propanol	59	3.181	3.181	0.000	97	28083	200.0	198.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.299	3.299	0.000	96	122080	20.0	20.2	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	94	57331	20.0	20.5	
35 Acrylonitrile	53	3.404	3.404	0.000	94	104583	200.0	197.2	
36 Hexane	43	3.481	3.481	0.000	92	28950	20.0	19.2	
37 Isopropyl ether	45	3.675	3.675	0.000	98	161626	20.0	20.4	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	98	101628	20.0	20.2	
39 Vinyl acetate	86	3.728	3.728	0.000	99	17204	40.0	45.3	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	91	49167	20.0	20.3	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	88	150950	20.0	20.5	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	138444	250.0	250.0	
43 2,2-Dichloropropane	97	4.222	4.222	0.000	97	20224	20.0	20.6	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	95	61567	20.0	19.5	
46 Ethyl acetate	70	4.257	4.257	0.000	93	7674	40.0	40.0	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	96	17421	100.0	88.5	
47 Methyl acrylate	55	4.316	4.316	0.000	100	29125	20.0	19.9	
48 Propionitrile	54	4.404	4.404	0.000	98	40613	200.0	200.3	
50 Chlorobromomethane	128	4.487	4.487	0.000	82	25804	20.0	20.0	
49 Tetrahydrofuran	42	4.493	4.493	0.000	54	25162	40.0	44.2	
51 Methacrylonitrile	67	4.510	4.510	0.000	91	142529	200.0	205.6	
52 Chloroform	83	4.534	4.534	0.000	99	101258	20.0	20.1	
53 Cyclohexane	56	4.681	4.681	0.000	89	71530	20.0	19.6	
54 1,1,1-Trichloroethane	97	4.693	4.693	0.000	96	82985	20.0	19.5	
$ 55 Dibromofluoromethane (Surr)	113	4.699	4.699	0.000	96	129647	50.0	50.7	
56 Carbon tetrachloride	117	4.822	4.822	0.000	96	68302	20.0	20.0	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	97	74366	20.0	19.9	
58 Isobutyl alcohol	43	4.946	4.946	0.000	97	28334	500.0	470.3	
59 Isooctane	57	5.022	5.022	0.000	98	73901	20.0	16.9	
60 Benzene	78	5.069	5.069	0.000	96	221367	20.0	19.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	128343	50.0	50.4	
62 Isopropyl acetate	61	5.104	5.104	0.000	97	17869	20.0	21.8	
63 Tert-amyl methyl ether	87	5.110	5.110	0.000	95	38308	20.0	20.2	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	98	63868	20.0	19.2	
65 n-Heptane	71	5.210	5.210	0.000	91	20152	20.0	17.5	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	511503	50.0	50.0	
67 n-Butanol	56	5.675	5.675	0.000	87	19248	500.0	471.9	
68 Trichloroethene	95	5.757	5.757	0.000	98	58067	20.0	19.6	
69 Ethyl acrylate	99	5.881	5.881	0.000	98	5905	20.0	20.8	
70 Methylcyclohexane	83	5.893	5.893	0.000	89	57246	20.0	18.8	
71 1,2-Dichloropropane	63	6.075	6.075	0.000	90	55993	20.0	19.6	
* 73 1,4-Dioxane-d8	96	6.134	6.134	0.000	0	15608	1000.0	1000.0	
72 Methyl methacrylate	69	6.145	6.151	-0.006	86	52007	40.0	40.1	
75 1,4-Dioxane	88	6.198	6.198	0.000	27	7136	400.0	421.4	
74 n-Propyl acetate	43	6.204	6.204	0.000	98	42081	20.0	19.3	
76 Dibromomethane	93	6.222	6.222	0.000	95	30244	20.0	21.1	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	73827	20.0	19.7	
79 2-Nitropropane	41	6.757	6.757	0.000	97	17890	40.0	44.2	
80 Epichlorohydrin	57	6.887	6.887	0.000	98	40751	400.0	345.3	
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	92	91271	20.0	19.2	
82 4-Methyl-2-pentanone (MIBK)	43	7.128	7.128	0.000	95	138573	100.0	97.3	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	482751	50.0	49.9	
84 Toluene	91	7.316	7.316	0.000	93	227064	20.0	19.8	
86 trans-1,3-Dichloropropene	75	7.722	7.722	0.000	96	74537	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.745	7.745	0.000	90	53046	20.0	20.8	
87 1,1,2-Trichloroethane	83	7.987	7.987	0.000	97	35566	20.0	21.3	
88 Tetrachloroethene	166	8.034	8.034	0.000	96	50790	20.0	19.2	
89 1,3-Dichloropropane	76	8.257	8.257	0.000	93	72304	20.0	20.8	
90 2-Hexanone	58	8.339	8.339	0.000	96	54043	100.0	99.1	
91 n-Butyl acetate	73	8.492	8.492	0.000	99	9522	20.0	21.8	
92 Chlorodibromomethane	129	8.563	8.563	0.000	98	49245	20.0	20.3	
93 Ethylene Dibromide	107	8.763	8.763	0.000	99	39440	20.0	19.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	86	359078	50.0	50.0	
95 Chlorobenzene	112	9.345	9.345	0.000	94	143037	20.0	19.7	
96 Ethylbenzene	106	9.433	9.433	0.000	99	76476	20.0	19.0	
97 1,1,1,2-Tetrachloroethane	131	9.445	9.445	0.000	95	50004	20.0	20.5	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	95477	20.0	19.6	
99 n-Butyl acrylate	73	9.933	9.933	0.000	99	33283	20.0	20.9	
100 o-Xylene	106	9.951	9.951	0.000	94	93627	20.0	19.8	
101 Styrene	104	9.975	9.975	0.000	96	157568	20.0	20.2	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	91	62067	20.0	20.5	
103 Bromoform	173	10.157	10.157	0.000	95	26255	20.0	20.1	
104 Isopropylbenzene	105	10.251	10.251	0.000	96	205844	20.0	19.6	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	88	138308	50.0	50.7	
107 Bromobenzene	156	10.528	10.528	0.000	98	56382	20.0	19.5	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	40394	20.0	20.4	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	271052	20.0	19.5	
110 1,2,3-Trichloropropane	110	10.592	10.592	0.000	95	11238	20.0	20.0	
109 trans-1,4-Dichloro-2-butene	53	10.604	10.604	0.000	92	11770	20.0	19.6	
112 2-Chlorotoluene	91	10.657	10.657	0.000	95	190932	20.0	19.6	
169 4-Ethyltoluene	105	10.657	10.657	0.000	90	216515	20.0	18.9	
113 1,3,5-Trimethylbenzene	105	10.704	10.704	0.000	93	174424	20.0	19.3	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	175871	20.0	19.7	
114 Butyl Methacrylate	87	10.775	10.775	0.000	90	62879	20.0	19.4	
116 tert-Butylbenzene	119	10.928	10.928	0.000	94	143785	20.0	19.4	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	98	180197	20.0	19.4	
118 sec-Butylbenzene	134	11.069	11.069	0.000	99	40326	20.0	18.7	
119 4-Isopropyltoluene	119	11.163	11.163	0.000	98	173902	20.0	18.9	
120 1,3-Dichlorobenzene	146	11.175	11.175	0.000	96	101113	20.0	19.1	
* 121 1,4-Dichlorobenzene-d4	152	11.222	11.222	0.000	96	175176	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.239	11.239	0.000	95	101950	20.0	18.7	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	99	181403	20.0	19.2	
124 Benzyl chloride	91	11.339	11.339	0.000	98	80379	20.0	20.3	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	93	168815	20.0	19.6	
164 p-Diethylbenzene	119	11.416	11.416	0.000	93	105103	20.0	19.4	
127 n-Butylbenzene	92	11.433	11.433	0.000	98	84644	20.0	19.1	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	96	89521	20.0	19.5	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	98	144127	20.0	18.6	
130 1,2-Dibromo-3-Chloropropane	157	12.069	12.069	0.000	96	5972	20.0	18.7	
131 1,3,5-Trichlorobenzene	180	12.169	12.169	0.000	97	53729	20.0	18.1	
132 1,2,4-Trichlorobenzene	180	12.698	12.698	0.000	93	42358	20.0	20.9	
133 Hexachlorobutadiene	225	12.780	12.780	0.000	94	16458	20.0	20.3	
134 Naphthalene	128	12.945	12.945	0.000	99	77584	20.0	19.6	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	94	30179	20.0	19.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.9	
S 137 Xylenes, Total	100				0		40.0	39.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00205	Amount Added:	20.00	Units: uL	
524FREONS_00033	Amount Added:	20.00	Units: uL	
ACROLEIN W_00183	Amount Added:	4.00	Units: uL	
GASES Li_00641	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:09:13 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26561.D

Injection Date: 14-May-2025 05:27:30 Instrument ID: CVOAMS1 Operator ID:

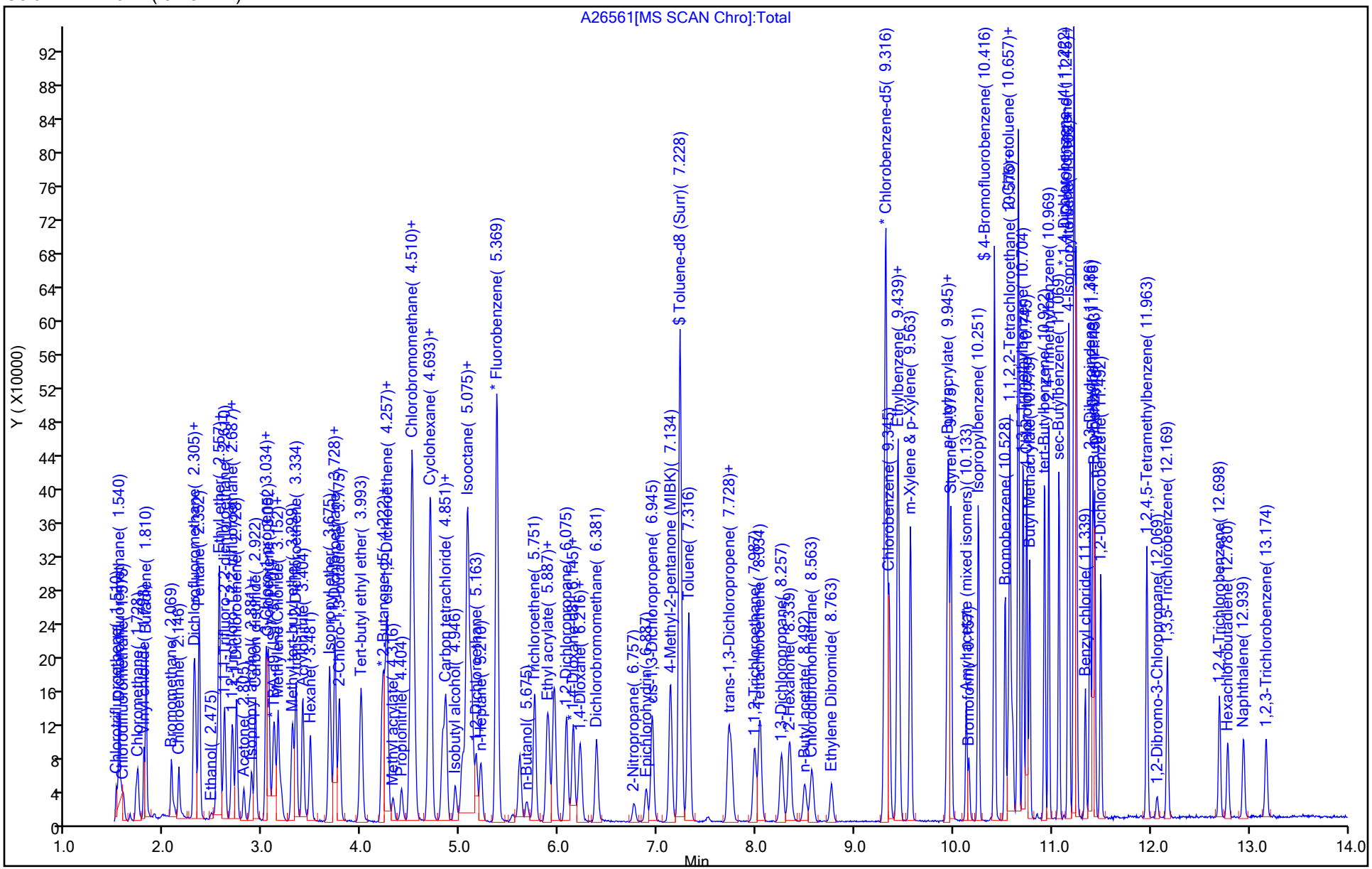
Lims ID: STD20 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

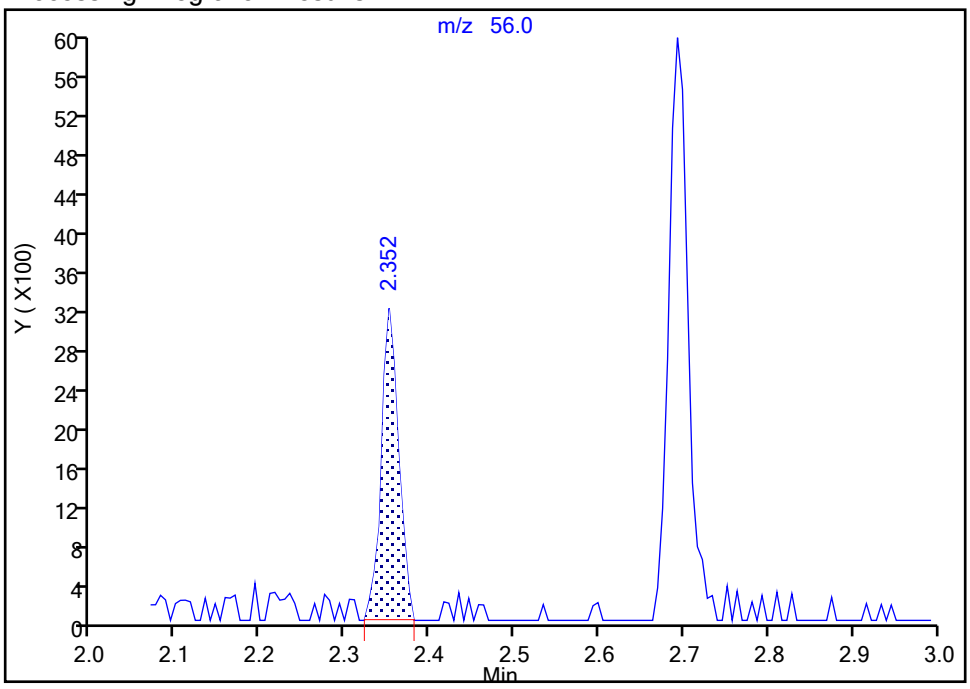
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26561.D
Injection Date: 14-May-2025 05:27:30 Instrument ID: CVOAMS1
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

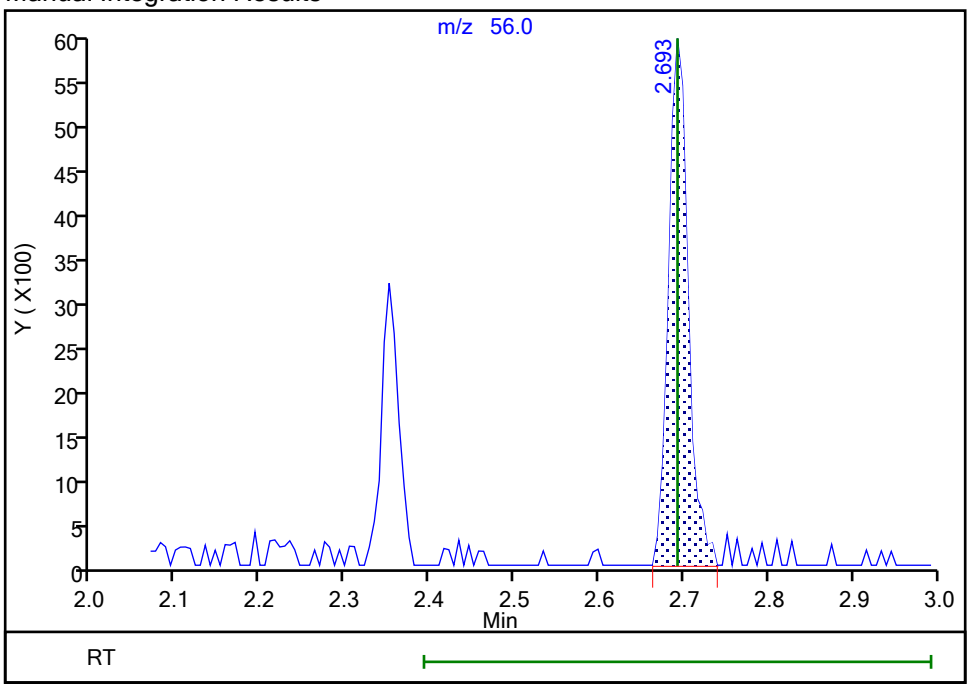
Processing Integration Results

RT: 2.35
Area: 4530
Amount: 40.404656
Amount Units: ug/l



Manual Integration Results

RT: 2.69
Area: 9620
Amount: 38.492721
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:31:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26562.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 14-May-2025 05:52:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0190761-008
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:09:25 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: HVW2 Date: 14-May-2025 06:12:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.510	1.510	0.000	92	22383	50.0	43.6	
4 Dichlorodifluoromethane	85	1.540	1.540	0.000	99	152604	50.0	43.5	
165 Chlorodifluoromethane	51	1.557	1.558	-0.001	93	126557	50.0	42.6	M
6 Chloromethane	50	1.728	1.728	0.000	99	177856	50.0	47.6	
7 Vinyl chloride	62	1.793	1.793	0.000	98	157657	50.0	48.3	
172 Butadiene	39	1.810	1.810	0.000	94	129168	50.0	43.6	
9 Bromomethane	94	2.069	2.069	0.000	99	104429	50.0	48.6	
10 Chloroethane	64	2.146	2.146	0.000	99	105274	50.0	47.9	
174 Dichlorofluoromethane	67	2.299	2.299	0.000	99	289516	50.0	48.5	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	98	201233	50.0	47.7	
13 Pentane	72	2.352	2.352	0.000	96	38950	100.0	129.9	
14 Ethanol	46	2.487	2.475	0.012	95	17010	2000.0	2011.9	
15 Ethyl ether	59	2.528	2.528	0.000	94	90703	50.0	49.0	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	83	108280	50.0	49.3	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.557	2.557	0.000	89	102636	50.0	48.2	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	96	180884	50.0	49.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	96	106848	50.0	47.1	
19 Acrolein	56	2.693	2.693	0.000	90	23642	100.0	98.9	a
21 1,1-Dichloroethene	96	2.728	2.728	0.000	98	117717	50.0	48.5	
22 Acetone	58	2.804	2.810	-0.006	87	30116	250.0	219.8	
24 Isopropyl alcohol	45	2.863	2.863	0.000	95	42800	500.0	480.3	
23 Iodomethane	142	2.881	2.887	-0.006	98	163807	50.0	53.8	
25 Carbon disulfide	76	2.922	2.922	0.000	99	408854	50.0	50.7	
27 Methyl acetate	43	3.028	3.028	0.000	69	98973	100.0	96.8	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	93	83197	50.0	48.9	
166 Cyclopentene	67	3.052	3.052	0.000	89	328052	50.0	49.4	
29 Acetonitrile	41	3.093	3.099	-0.006	97	96181	500.0	503.0	
* 30 TBA-d9 (IS)	65	3.116	3.110	0.006	0	118664	1000.0	1000.0	
31 Methylene Chloride	84	3.152	3.152	0.000	91	141886	50.0	50.3	
32 2-Methyl-2-propanol	59	3.181	3.181	0.000	99	68935	500.0	491.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.299	3.299	0.000	97	297114	50.0	49.4	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	94	141406	50.0	50.7	
35 Acrylonitrile	53	3.404	3.404	0.000	94	248978	500.0	471.4	
36 Hexane	43	3.481	3.481	0.000	92	68127	50.0	45.4	
37 Isopropyl ether	45	3.675	3.675	0.000	97	391683	50.0	49.5	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	80	254538	50.0	50.8	
39 Vinyl acetate	86	3.728	3.728	0.000	99	38359	100.0	101.8	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	90	121520	50.0	50.3	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	89	370767	50.0	50.5	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	135602	250.0	250.0	
43 2,2-Dichloropropane	97	4.234	4.222	0.012	94	49151	50.0	50.3	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	98	155147	50.0	49.3	
46 Ethyl acetate	70	4.257	4.257	0.000	93	18454	100.0	98.6	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	96	40783	250.0	211.6	
47 Methyl acrylate	55	4.316	4.316	0.000	100	68566	50.0	47.2	
48 Propionitrile	54	4.404	4.404	0.000	99	98919	500.0	491.5	
50 Chlorobromomethane	128	4.487	4.487	0.000	87	65309	50.0	50.9	
49 Tetrahydrofuran	42	4.498	4.493	0.005	86	53746	100.0	99.2	
51 Methacrylonitrile	67	4.510	4.510	0.000	91	348347	500.0	504.7	
52 Chloroform	83	4.534	4.534	0.000	99	246153	50.0	49.1	
53 Cyclohexane	56	4.681	4.681	0.000	89	175469	50.0	48.2	
54 1,1,1-Trichloroethane	97	4.693	4.693	0.000	98	208448	50.0	49.2	
$ 55 Dibromofluoromethane (Surr)	113	4.698	4.699	0.000	96	127871	50.0	50.3	
56 Carbon tetrachloride	117	4.822	4.822	0.000	97	170478	50.0	50.1	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	97	185907	50.0	50.0	
58 Isobutyl alcohol	43	4.946	4.946	0.000	95	69780	1250.0	1167.0	
59 Isooctane	57	5.022	5.022	0.000	98	182768	50.0	41.9	
60 Benzene	78	5.069	5.069	0.000	96	547704	50.0	48.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	127428	50.0	50.3	
62 Isopropyl acetate	61	5.098	5.104	-0.006	99	35502	50.0	46.9	
63 Tert-amyl methyl ether	87	5.116	5.110	0.006	98	94198	50.0	49.8	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	97	151863	50.0	45.9	
65 n-Heptane	71	5.210	5.210	0.000	90	49295	50.0	43.0	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	509282	50.0	50.0	
67 n-Butanol	56	5.669	5.675	-0.006	87	46999	1250.0	1161.0	
68 Trichloroethene	95	5.757	5.757	0.000	99	145553	50.0	49.4	
69 Ethyl acrylate	99	5.875	5.881	-0.006	98	13746	50.0	48.6	
70 Methylcyclohexane	83	5.887	5.893	-0.006	94	144734	50.0	47.7	
71 1,2-Dichloropropane	63	6.075	6.075	0.000	91	137729	50.0	48.5	
* 73 1,4-Dioxane-d8	96	6.134	6.134	0.000	0	15912	1000.0	1000.0	a
72 Methyl methacrylate	69	6.145	6.151	-0.006	89	122734	100.0	95.0	
75 1,4-Dioxane	88	6.198	6.198	0.000	29	16960	1000.0	982.5	
74 n-Propyl acetate	43	6.204	6.204	0.000	97	103730	50.0	47.8	
76 Dibromomethane	93	6.222	6.222	0.000	97	70272	50.0	49.2	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	182672	50.0	48.8	
79 2-Nitropropane	41	6.763	6.757	0.006	96	38364	100.0	96.7	
80 Epichlorohydrin	57	6.881	6.887	-0.006	99	104884	1000.0	907.5	
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	92	228818	50.0	49.0	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.128	0.006	95	334467	250.0	239.7	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	477771	50.0	50.3	
84 Toluene	91	7.316	7.316	0.000	94	565007	50.0	50.1	
86 trans-1,3-Dichloropropene	75	7.716	7.722	-0.006	97	182190	50.0	48.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.751	7.745	0.006	88	126117	50.0	49.6	
87 1,1,2-Trichloroethane	83	7.986	7.987	-0.001	97	85946	50.0	52.5	
88 Tetrachloroethene	166	8.039	8.034	0.005	97	125831	50.0	48.4	
89 1,3-Dichloropropane	76	8.257	8.257	0.000	92	170866	50.0	50.2	
90 2-Hexanone	58	8.339	8.339	0.000	96	128414	250.0	240.4	
91 n-Butyl acetate	73	8.492	8.492	0.000	98	22392	50.0	52.3	
92 Chlorodibromomethane	129	8.563	8.563	0.000	96	120061	50.0	50.3	
93 Ethylene Dibromide	107	8.763	8.763	0.000	98	95354	50.0	48.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	352316	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	94	352212	50.0	49.5	
96 Ethylbenzene	106	9.433	9.433	0.000	98	193621	50.0	49.0	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.445	0.006	96	125734	50.0	52.5	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	238985	50.0	50.1	
99 n-Butyl acrylate	73	9.933	9.933	0.000	98	74962	50.0	47.9	
100 o-Xylene	106	9.951	9.951	0.000	93	232065	50.0	49.9	
101 Styrene	104	9.975	9.975	0.000	96	390499	50.0	51.0	
102 Amyl acetate (mixed isomers)	43	10.128	10.133	-0.005	91	143056	50.0	48.0	
103 Bromoform	173	10.157	10.157	0.000	95	64633	50.0	50.5	
104 Isopropylbenzene	105	10.251	10.251	0.000	96	513920	50.0	49.8	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	88	136192	50.0	50.9	
107 Bromobenzene	156	10.528	10.528	0.000	98	139389	50.0	49.1	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	97455	50.0	50.1	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	669988	50.0	49.1	
110 1,2,3-Trichloropropane	110	10.592	10.592	0.000	97	28418	50.0	51.4	
109 trans-1,4-Dichloro-2-butene	53	10.604	10.604	0.000	91	28205	50.0	47.8	
112 2-Chlorotoluene	91	10.657	10.657	0.000	95	469607	50.0	48.9	
169 4-Ethyltoluene	105	10.657	10.657	0.000	89	550946	50.0	48.8	
113 1,3,5-Trimethylbenzene	105	10.710	10.704	0.006	93	437490	50.0	49.3	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	423888	50.0	48.4	
114 Butyl Methacrylate	87	10.775	10.775	0.000	89	155660	50.0	48.7	
116 tert-Butylbenzene	119	10.927	10.928	-0.001	94	361021	50.0	49.5	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	98	453637	50.0	49.6	
118 sec-Butylbenzene	134	11.075	11.069	0.006	99	100516	50.0	47.4	
119 4-Isopropyltoluene	119	11.163	11.163	0.000	98	434154	50.0	48.0	
120 1,3-Dichlorobenzene	146	11.175	11.175	0.000	96	256434	50.0	49.2	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.222	0.005	95	172212	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.239	11.239	0.000	94	254416	50.0	47.4	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	99	451457	50.0	48.6	
124 Benzyl chloride	91	11.339	11.339	0.000	99	194213	50.0	49.8	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	95	406958	50.0	48.0	
164 p-Diethylbenzene	119	11.416	11.416	0.000	92	249310	50.0	46.7	
127 n-Butylbenzene	92	11.433	11.433	0.000	98	208688	50.0	47.9	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	95	217801	50.0	48.3	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	97	351114	50.0	46.1	
130 1,2-Dibromo-3-Chloropropane	157	12.069	12.069	0.000	95	16016	50.0	51.1	
131 1,3,5-Trichlorobenzene	180	12.174	12.169	0.005	96	132308	50.0	45.3	
132 1,2,4-Trichlorobenzene	180	12.698	12.698	0.000	94	103593	50.0	52.5	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	92	41970	50.0	53.9	
134 Naphthalene	128	12.945	12.945	0.000	99	192675	50.0	50.6	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	94	74037	50.0	49.3	
S 136 1,2-Dichloroethene, Total	100				0		100.0	100.0	
S 137 Xylenes, Total	100				0		100.0	99.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00205	Amount Added:	50.00	Units: uL	
524FREONS_00033	Amount Added:	50.00	Units: uL	
ACROLEIN W_00183	Amount Added:	10.00	Units: uL	
GASES Li_00641	Amount Added:	50.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

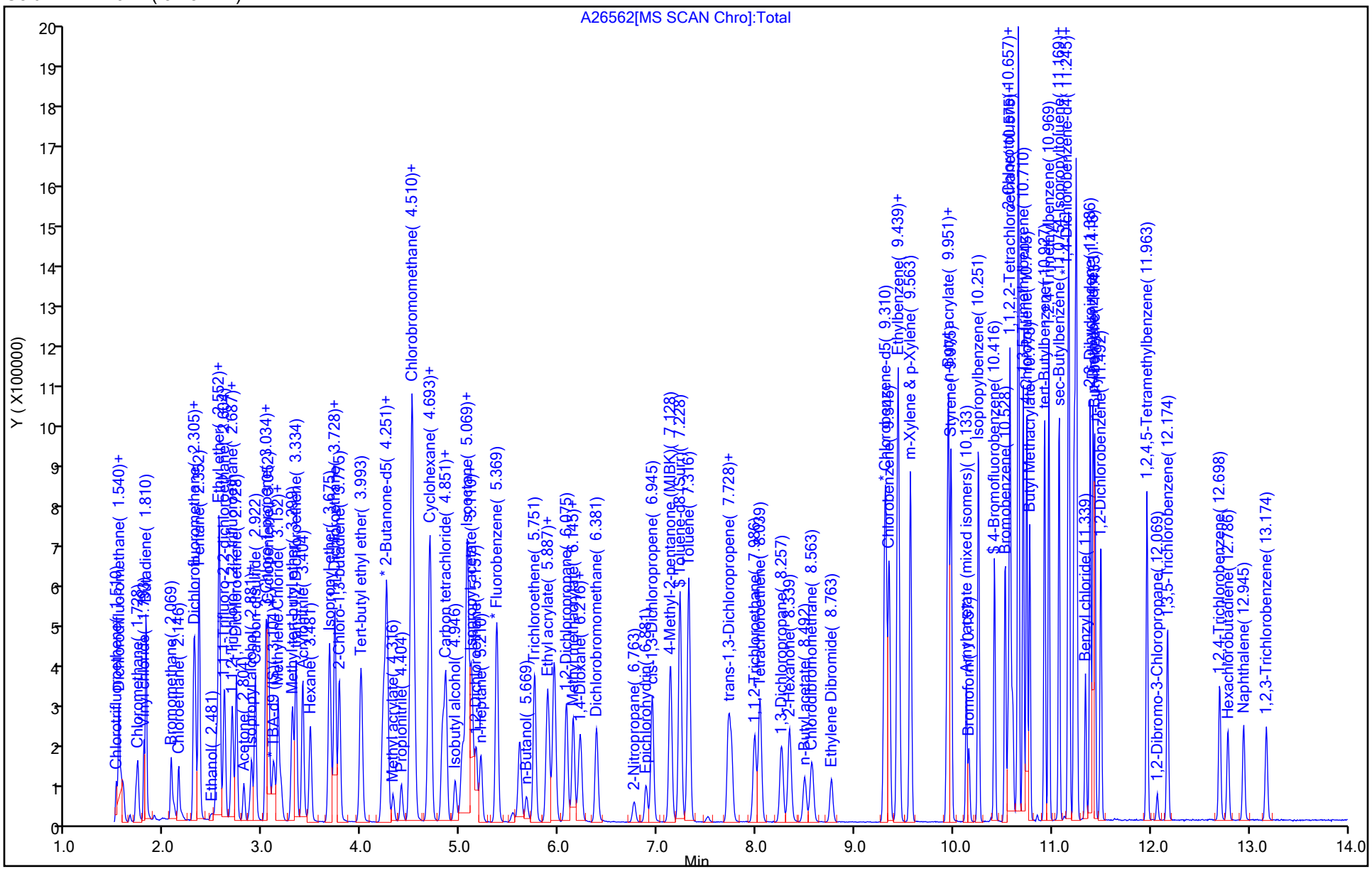
Report Date: 14-May-2025 21:09:26 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26562.D

Injection Date:	14-May-2025 05:52:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

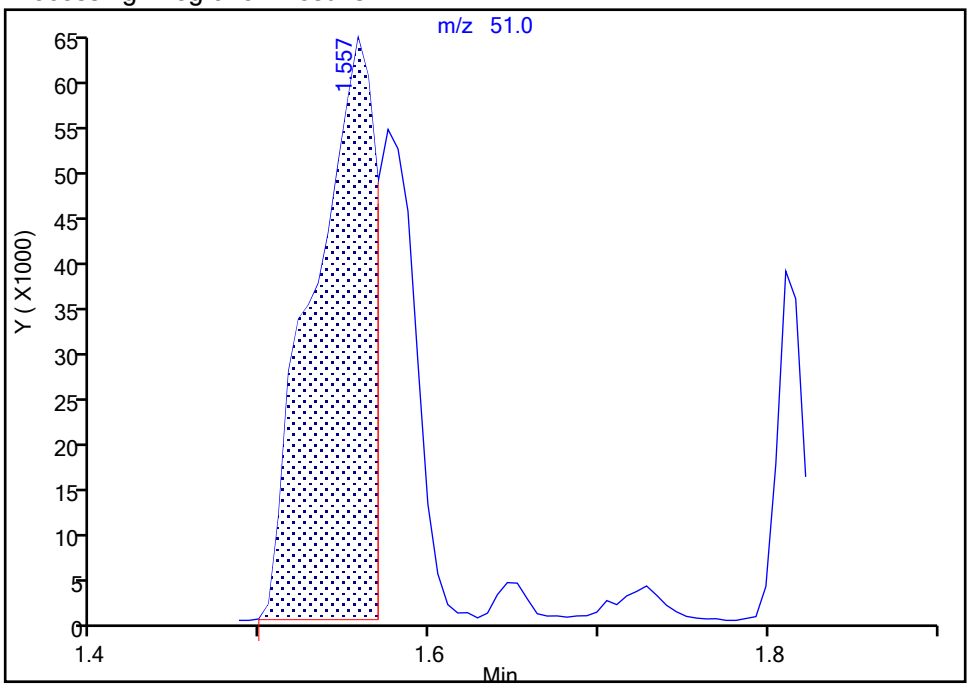
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26562.D
Injection Date: 14-May-2025 05:52:30 Instrument ID: CVOAMS1
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

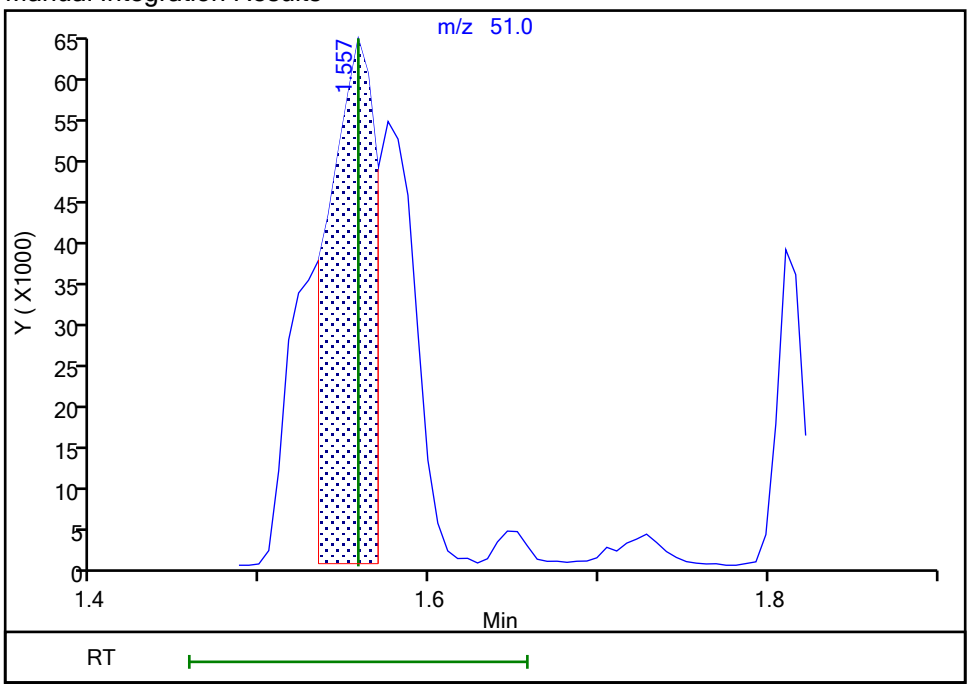
Processing Integration Results

RT: 1.56
Area: 164612
Amount: 51.517476
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 126557
Amount: 42.602864
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:28:30 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

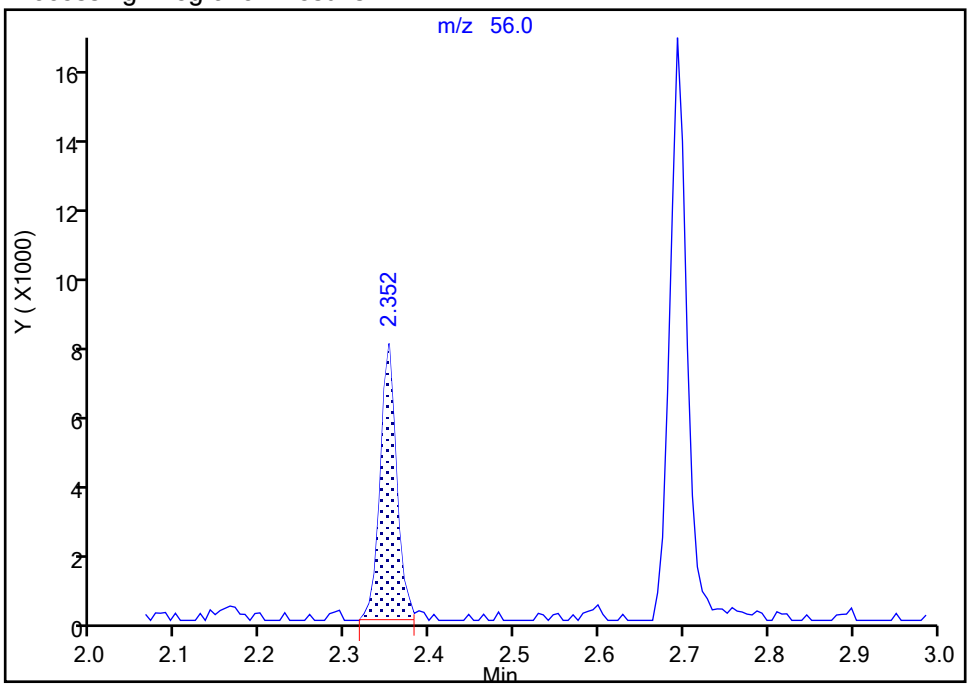
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26562.D
Injection Date: 14-May-2025 05:52:30 Instrument ID: CVOAMS1
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

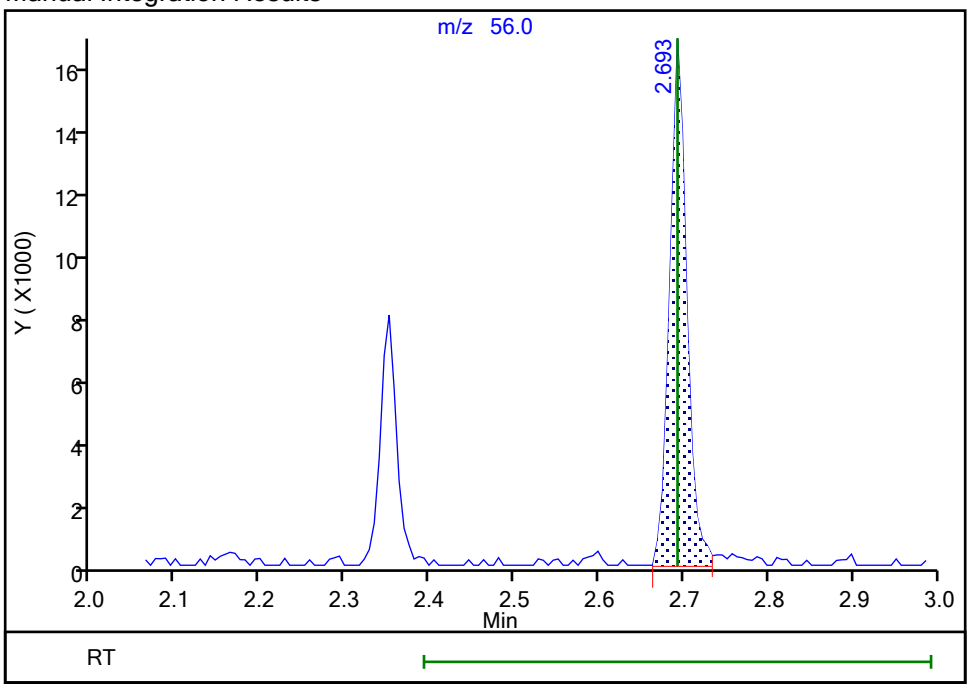
RT: 2.35
Area: 10740
Amount: 80.276518
Amount Units: ug/l

Processing Integration Results



RT: 2.69
Area: 23642
Amount: 98.923159
Amount Units: ug/l

Manual Integration Results



Reviewer: NN6A, 14-May-2025 20:32:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

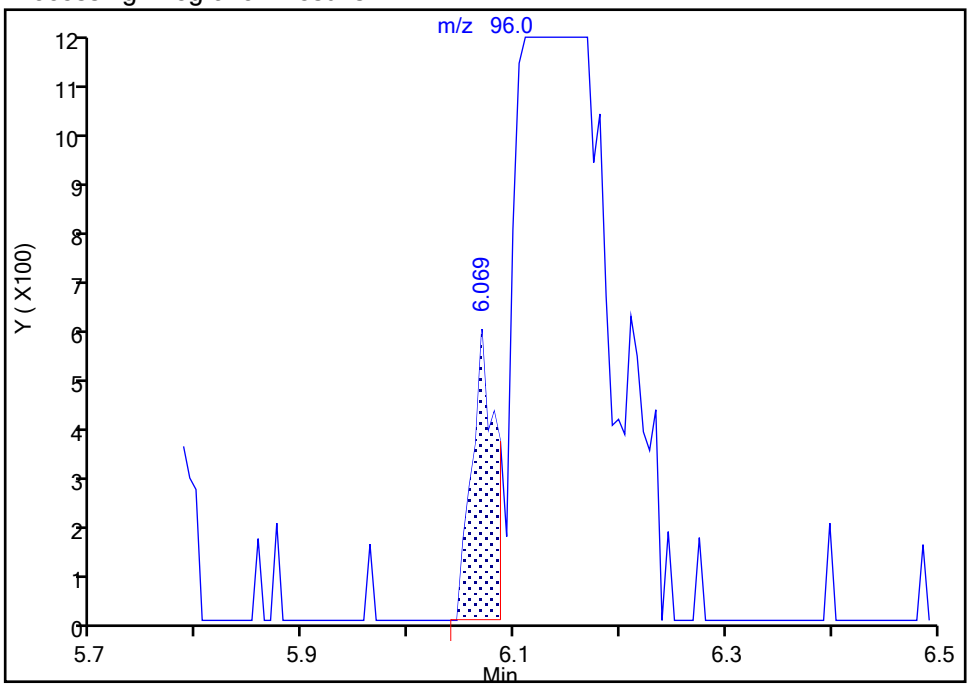
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26562.D
Injection Date: 14-May-2025 05:52:30 Instrument ID: CVOAMS1
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

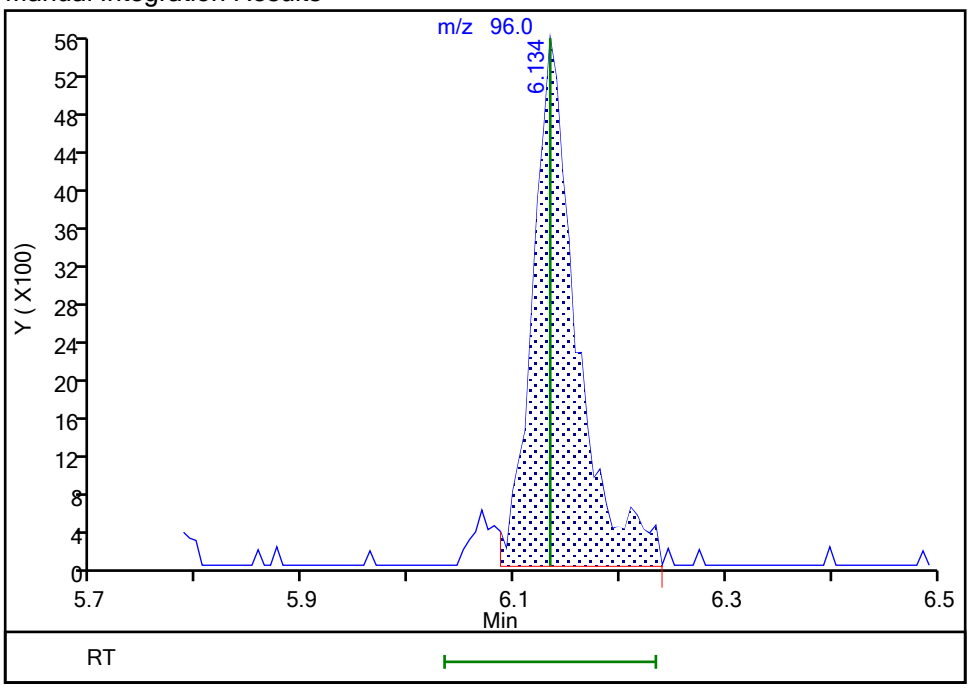
Processing Integration Results

RT: 6.07
Area: 885
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.13
Area: 15912
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:28:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26563.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 14-May-2025 06:16:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0190761-009
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:09:39 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: HVW2 Date: 14-May-2025 06:41:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.510	1.510	0.000	92	108654	200.0	214.6	
4 Dichlorodifluoromethane	85	1.534	1.540	-0.006	99	688345	200.0	198.8	
165 Chlorodifluoromethane	51	1.557	1.558	-0.001	97	615975	200.0	210.2	
6 Chloromethane	50	1.728	1.728	0.000	99	759237	200.0	205.9	
7 Vinyl chloride	62	1.793	1.793	0.000	98	653870	200.0	203.0	
172 Butadiene	39	1.816	1.810	0.006	94	517891	200.0	177.0	
9 Bromomethane	94	2.069	2.069	0.000	99	455654	200.0	214.8	
10 Chloroethane	64	2.146	2.146	0.000	99	430246	200.0	198.4	
174 Dichlorofluoromethane	67	2.298	2.299	-0.001	99	1147143	200.0	194.8	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	97	789317	200.0	189.7	
13 Pentane	72	2.351	2.352	-0.001	96	119256	400.0	388.0	
14 Ethanol	46	2.475	2.475	0.000	100	64987	8000.0	8106.2	
15 Ethyl ether	59	2.528	2.528	0.000	96	360874	200.0	200.6	
16 2-Methyl-1,3-butadiene	53	2.551	2.552	-0.001	96	370861	200.0	171.4	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.557	2.557	0.000	91	393178	200.0	187.1	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	97	681293	200.0	188.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	95	380359	200.0	169.9	
19 Acrolein	56	2.693	2.693	0.000	92	48354	200.0	212.3	a
21 1,1-Dichloroethene	96	2.728	2.728	0.000	98	423859	200.0	177.2	
22 Acetone	58	2.804	2.810	-0.006	87	165375	1000.0	1248.4	
24 Isopropyl alcohol	45	2.863	2.863	0.000	100	158460	2000.0	1841.8	
23 Iodomethane	142	2.887	2.887	0.000	98	672993	200.0	224.0	
25 Carbon disulfide	76	2.922	2.922	0.000	99	1246556	200.0	156.9	
27 Methyl acetate	43	3.028	3.028	0.000	83	391022	400.0	396.3	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	93	319963	200.0	190.6	
166 Cyclopentene	67	3.051	3.052	-0.001	94	1061316	200.0	161.9	
29 Acetonitrile	41	3.093	3.099	-0.006	99	383806	2000.0	2078.8	
* 30 TBA-d9 (IS)	65	3.116	3.110	0.006	0	114564	1000.0	1000.0	
31 Methylene Chloride	84	3.151	3.152	-0.001	90	537415	200.0	193.0	
32 2-Methyl-2-propanol	59	3.181	3.181	0.000	98	270470	2000.0	1997.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.298	3.299	-0.001	96	1192412	200.0	200.9	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	93	504355	200.0	183.3	
35 Acrylonitrile	53	3.404	3.404	0.000	94	1050318	2000.0	2016.4	
36 Hexane	43	3.481	3.481	0.000	92	204578	200.0	138.2	
37 Isopropyl ether	45	3.675	3.675	0.000	98	1502429	200.0	192.7	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	82	956820	200.0	193.8	
39 Vinyl acetate	86	3.728	3.728	0.000	99	148025	400.0	406.9	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	91	430067	200.0	180.6	
41 Tert-butyl ethyl ether	59	3.993	3.993	-0.001	89	1421789	200.0	196.2	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	131125	250.0	250.0	
43 2,2-Dichloropropane	97	4.228	4.222	0.006	95	183685	200.0	190.7	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	96	589730	200.0	189.8	
46 Ethyl acetate	70	4.257	4.257	0.000	93	71921	400.0	400.6	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	97	188655	1000.0	1012.1	
47 Methyl acrylate	55	4.316	4.316	0.000	100	266963	200.0	186.2	
48 Propionitrile	54	4.404	4.404	0.000	98	380214	2000.0	1956.7	
50 Chlorobromomethane	128	4.487	4.487	0.000	80	251959	200.0	199.1	
49 Tetrahydrofuran	42	4.492	4.493	-0.001	54	214588	400.0	417.3	
51 Methacrylonitrile	67	4.510	4.510	0.000	90	1377772	2000.0	2023.8	
52 Chloroform	83	4.534	4.534	0.000	99	955351	200.0	193.2	
53 Cyclohexane	56	4.681	4.681	0.000	89	573663	200.0	159.9	
54 1,1,1-Trichloroethane	97	4.692	4.693	-0.001	98	779164	200.0	186.4	
$ 55 Dibromofluoromethane (Surr)	113	4.698	4.699	0.000	96	123251	50.0	49.1	
56 Carbon tetrachloride	117	4.822	4.822	0.000	97	628278	200.0	187.4	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	98	667966	200.0	182.0	
58 Isobutyl alcohol	43	4.945	4.946	-0.001	96	278370	5000.0	4822.2	
59 Isooctane	57	5.022	5.022	0.000	99	631850	200.0	146.8	
60 Benzene	78	5.069	5.069	0.000	95	2074877	200.0	180.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	125008	50.0	50.0	
62 Isopropyl acetate	61	5.098	5.104	-0.006	98	139400	200.0	196.7	
63 Tert-amyl methyl ether	87	5.116	5.110	0.006	92	364085	200.0	195.1	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	97	593130	200.0	181.7	
65 n-Heptane	71	5.210	5.210	0.000	90	157591	200.0	139.4	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	502322	50.0	50.0	
67 n-Butanol	56	5.669	5.675	-0.006	85	188737	5000.0	4829.0	
68 Trichloroethene	95	5.751	5.757	-0.006	99	546568	200.0	188.0	
69 Ethyl acrylate	99	5.875	5.881	-0.006	98	50207	200.0	179.8	
70 Methylcyclohexane	83	5.892	5.893	-0.001	93	492669	200.0	164.5	
71 1,2-Dichloropropane	63	6.075	6.075	0.000	91	537065	200.0	191.6	
* 73 1,4-Dioxane-d8	96	6.139	6.134	0.005	0	14668	1000.0	1000.0	Ma
72 Methyl methacrylate	69	6.145	6.151	-0.006	88	474035	400.0	372.0	
75 1,4-Dioxane	88	6.198	6.198	0.000	29	70436	4000.0	4426.5	
74 n-Propyl acetate	43	6.204	6.204	0.000	98	415056	200.0	194.0	
76 Dibromomethane	93	6.222	6.222	0.000	98	278442	200.0	197.7	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	724573	200.0	196.4	
79 2-Nitropropane	41	6.763	6.757	0.006	96	156034	400.0	402.9	
80 Epichlorohydrin	57	6.886	6.887	-0.001	99	459113	4000.0	4107.9	
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	92	889854	200.0	186.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.133	7.128	0.005	95	1346295	1000.0	997.9	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	99	488656	50.0	50.3	
84 Toluene	91	7.316	7.316	0.000	93	2176166	200.0	188.7	
86 trans-1,3-Dichloropropene	75	7.722	7.722	0.000	98	739507	200.0	191.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.751	7.745	0.006	88	505040	200.0	201.2	
87 1,1,2-Trichloroethane	83	7.980	7.987	-0.007	97	349544	200.0	208.8	
88 Tetrachloroethene	166	8.039	8.034	0.005	97	481028	200.0	181.0	
89 1,3-Dichloropropane	76	8.257	8.257	0.000	92	693683	200.0	199.1	
90 2-Hexanone	58	8.339	8.339	0.000	95	552656	1000.0	1069.9	
91 n-Butyl acetate	73	8.492	8.492	0.000	99	88603	200.0	202.0	
92 Chlorodibromomethane	129	8.563	8.563	0.000	98	489342	200.0	199.9	
93 Ethylene Dibromide	107	8.763	8.763	0.000	99	387576	200.0	194.4	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	360541	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	94	1391645	200.0	191.2	
96 Ethylbenzene	106	9.439	9.433	0.006	98	756581	200.0	187.1	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.445	0.006	95	523128	200.0	213.5	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	910873	200.0	186.4	
99 n-Butyl acrylate	73	9.933	9.933	0.000	97	310799	200.0	194.2	
100 o-Xylene	106	9.951	9.951	0.000	93	915828	200.0	192.4	
101 Styrene	104	9.974	9.975	-0.001	95	1546632	200.0	197.3	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	91	578445	200.0	189.5	
103 Bromoform	173	10.157	10.157	0.000	95	274549	200.0	209.7	
104 Isopropylbenzene	105	10.257	10.251	0.006	96	1997823	200.0	189.1	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	88	136033	50.0	49.7	
107 Bromobenzene	156	10.527	10.528	-0.001	98	560099	200.0	192.6	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	399068	200.0	200.0	
108 N-Propylbenzene	91	10.574	10.575	-0.001	99	2589957	200.0	185.1	
110 1,2,3-Trichloropropane	110	10.592	10.592	0.000	97	115058	200.0	202.9	
109 trans-1,4-Dichloro-2-butene	53	10.604	10.604	0.000	92	111865	200.0	184.8	
112 2-Chlorotoluene	91	10.657	10.657	0.000	96	1861366	200.0	189.3	
169 4-Ethyltoluene	105	10.663	10.657	0.006	89	2180404	200.0	188.5	
113 1,3,5-Trimethylbenzene	105	10.710	10.704	0.006	93	1734360	200.0	190.7	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	1659714	200.0	184.9	
114 Butyl Methacrylate	87	10.774	10.775	-0.001	88	628304	200.0	191.9	
116 tert-Butylbenzene	119	10.927	10.928	-0.001	94	1408030	200.0	188.5	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	97	1838098	200.0	196.2	
118 sec-Butylbenzene	134	11.074	11.069	0.005	99	383517	200.0	176.6	
119 4-Isopropyltoluene	119	11.163	11.163	0.000	98	1770652	200.0	191.1	
120 1,3-Dichlorobenzene	146	11.174	11.175	-0.001	97	1049279	200.0	196.5	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.222	0.005	95	176505	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.239	11.239	0.000	94	1052628	200.0	191.3	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	98	1868106	200.0	196.0	
124 Benzyl chloride	91	11.339	11.339	0.000	99	802629	200.0	200.8	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	94	1650394	200.0	190.0	
164 p-Diethylbenzene	119	11.416	11.416	0.000	92	1008222	200.0	184.4	
127 n-Butylbenzene	92	11.433	11.433	0.000	98	828099	200.0	185.4	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	96	904219	200.0	195.7	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	97	1501479	200.0	192.4	
130 1,2-Dibromo-3-Chloropropane	157	12.068	12.069	-0.001	97	69473	200.0	216.4	
131 1,3,5-Trichlorobenzene	180	12.174	12.169	0.005	97	568408	200.0	189.9	
132 1,2,4-Trichlorobenzene	180	12.698	12.698	0.000	94	449107	200.0	210.6	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	93	172739	200.0	208.2	
134 Naphthalene	128	12.945	12.945	0.000	99	802718	200.0	208.4	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	96	315073	200.0	200.3	
S 136 1,2-Dichloroethene, Total	100				0		400.0	373.2	
S 137 Xylenes, Total	100				0		400.0	378.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00183	Amount Added:	20.00	Units: uL	
GAS Hi_00495	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00161	Amount Added:	20.00	Units: uL	
MIX I Hi_00188	Amount Added:	20.00	Units: uL	
Ethanol mix_00101	Amount Added:	20.00	Units: uL	
7 Freons Hi_00027	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:09:39 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26563.D

Injection Date: 14-May-2025 06:16:30 Instrument ID: CVOAMS1 Operator ID:

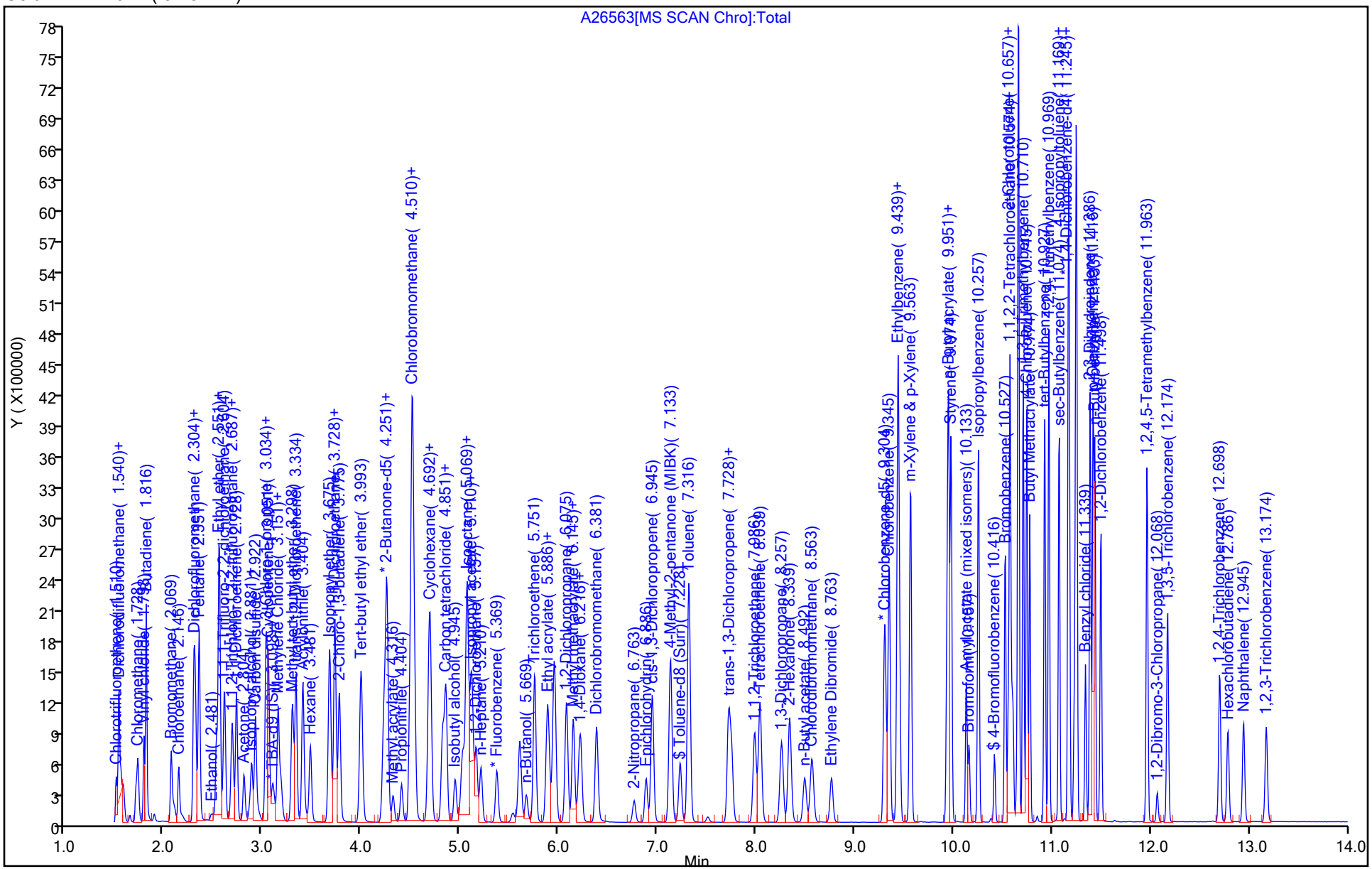
Lims ID: STD200 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

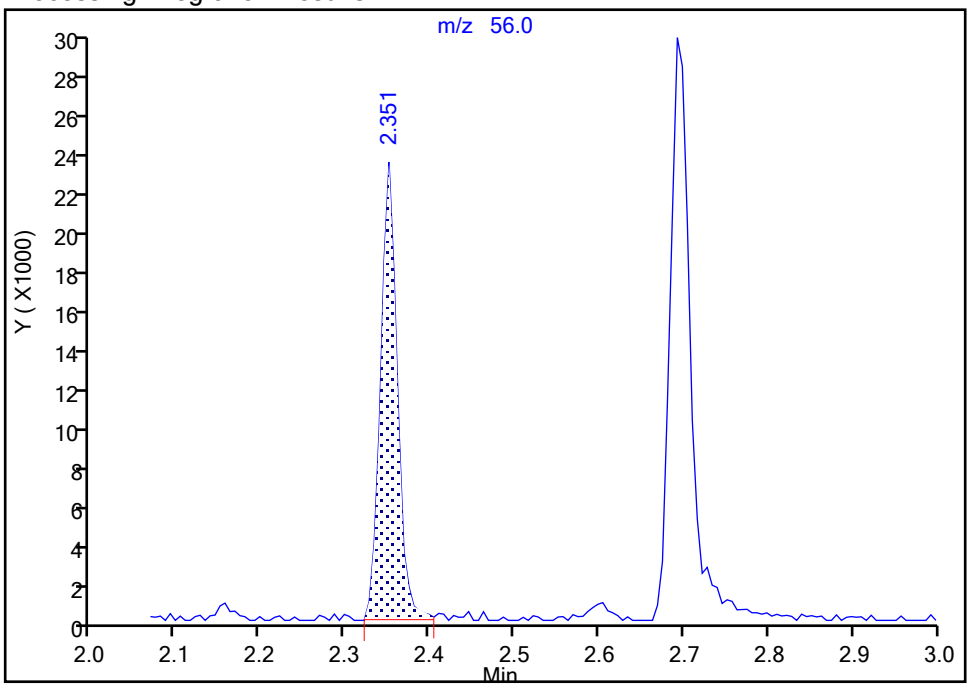
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26563.D
Injection Date: 14-May-2025 06:16:30 Instrument ID: CVOAMS1
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

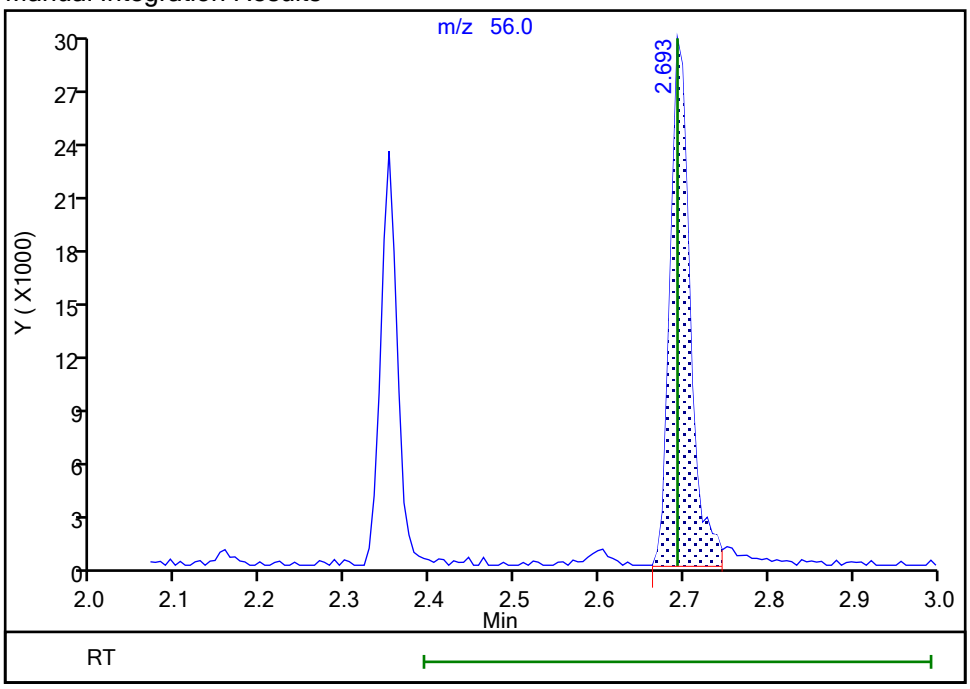
Processing Integration Results

RT: 2.35
Area: 31777
Amount: 167.0371
Amount Units: ug/l



Manual Integration Results

RT: 2.69
Area: 48354
Amount: 212.2972
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:32:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

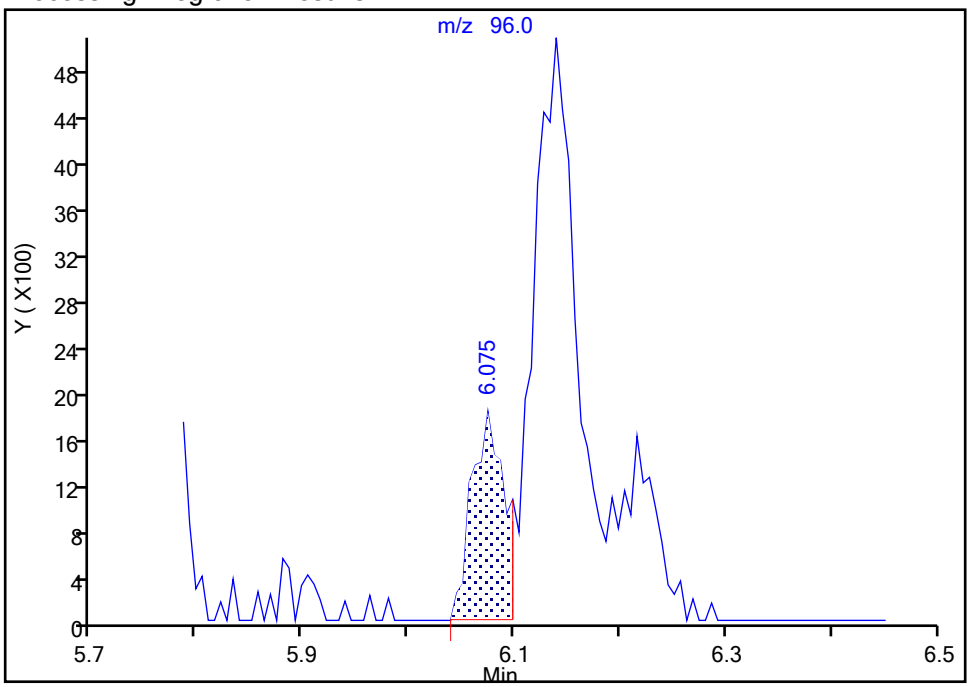
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26563.D
Injection Date: 14-May-2025 06:16:30 Instrument ID: CVOAMS1
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

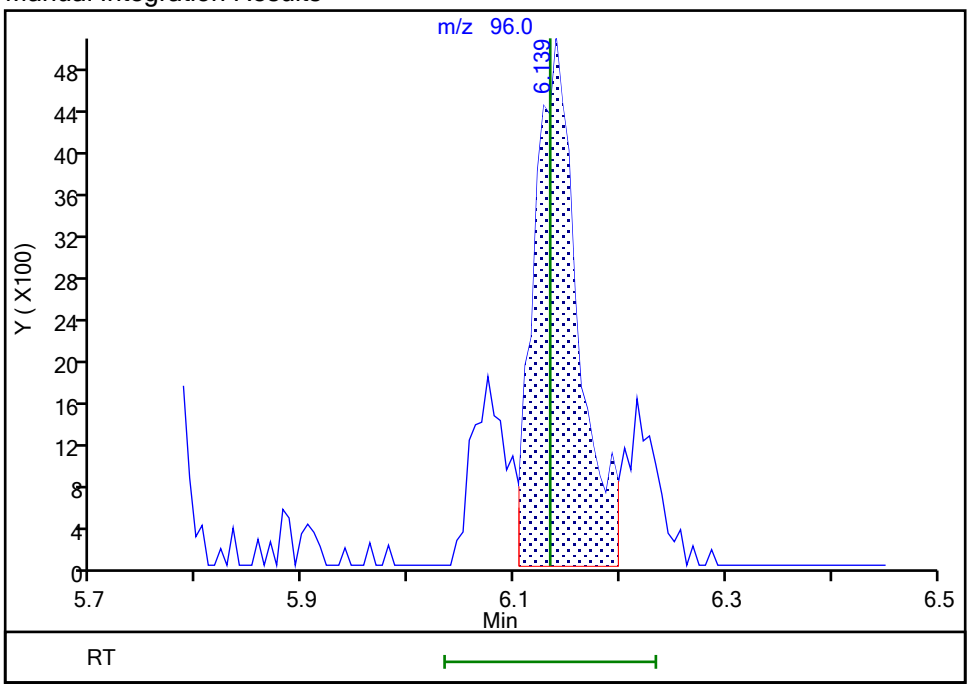
Processing Integration Results

RT: 6.07
Area: 3939
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.14
Area: 14668
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:29:29 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26564.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 14-May-2025 06:40:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0190761-010
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:09:52 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: KG2Q Date: 14-May-2025 11:19:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.505	1.510	-0.005	93	325840	500.0	632.1	
4 Dichlorodifluoromethane	85	1.534	1.540	-0.006	99	1957459	500.0	555.1	
165 Chlorodifluoromethane	51	1.558	1.558	0.000	93	1467493	500.0	491.9	M
6 Chloromethane	50	1.728	1.728	0.000	99	1922528	500.0	512.0	
7 Vinyl chloride	62	1.793	1.793	0.000	98	1700583	500.0	518.6	
172 Butadiene	39	1.816	1.810	0.006	94	1396615	500.0	468.9	
9 Bromomethane	94	2.063	2.069	-0.006	99	1277997	500.0	591.8	
10 Chloroethane	64	2.140	2.146	-0.006	99	1108492	500.0	501.9	
174 Dichlorofluoromethane	67	2.293	2.299	-0.006	99	2899349	500.0	483.6	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	98	2179251	500.0	514.3	
13 Pentane	72	2.352	2.352	0.000	96	367694	1000.0	1001.3	
14 Ethanol	46	2.481	2.475	0.006	98	168641	20000	20115	
15 Ethyl ether	59	2.528	2.528	0.000	96	917702	500.0	502.4	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	95	1041362	500.0	472.6	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.557	2.557	0.000	91	1095153	500.0	511.7	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	97	1838973	500.0	499.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	96	1091670	500.0	478.8	
19 Acrolein	56	2.693	2.693	0.000	93	103985	400.0	437.6	a
21 1,1-Dichloroethene	96	2.728	2.728	0.000	98	1127074	500.0	462.8	
22 Acetone	58	2.810	2.810	0.000	87	423559	2500.0	2991.0	
24 Isopropyl alcohol	45	2.869	2.863	0.006	99	420979	5000.0	4662.2	
23 Iodomethane	142	2.881	2.887	-0.006	98	1796798	500.0	587.3	
25 Carbon disulfide	76	2.922	2.922	0.000	99	3255406	500.0	402.3	
27 Methyl acetate	43	3.028	3.028	0.000	75	1044742	1000.0	1008.8	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	97	795068	500.0	465.0	
166 Cyclopentene	67	3.052	3.052	0.000	94	2915020	500.0	436.8	
29 Acetonitrile	41	3.093	3.099	-0.006	98	969426	5000.0	5003.1	
* 30 TBA-d9 (IS)	65	3.116	3.110	0.006	0	120236	1000.0	1000.0	
31 Methylene Chloride	84	3.152	3.152	0.000	90	1362247	500.0	480.6	
32 2-Methyl-2-propanol	59	3.181	3.181	0.000	97	690403	5000.0	4857.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.299	3.299	0.000	96	3037119	500.0	502.6	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	93	1302537	500.0	465.0	
35 Acrylonitrile	53	3.404	3.404	0.000	95	2745145	5000.0	5175.7	
36 Hexane	43	3.481	3.481	0.000	92	552943	500.0	367.0	
37 Isopropyl ether	45	3.675	3.675	0.000	97	3793955	500.0	477.8	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	85	2450409	500.0	487.3	
39 Vinyl acetate	86	3.728	3.728	0.000	99	380695	1000.0	997.1	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	90	1141485	500.0	470.7	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	89	3657584	500.0	495.7	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	140176	250.0	250.0	
43 2,2-Dichloropropane	97	4.228	4.222	0.006	94	483892	500.0	493.5	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	97	1546436	500.0	488.9	
46 Ethyl acetate	70	4.257	4.257	0.000	94	189348	1000.0	999.9	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	98	489815	2500.0	2458.2	
47 Methyl acrylate	55	4.316	4.316	0.000	100	689611	500.0	472.3	
48 Propionitrile	54	4.410	4.404	0.006	98	982681	5000.0	4818.6	
50 Chlorobromomethane	128	4.493	4.487	0.006	87	672687	500.0	522.0	
49 Tetrahydrofuran	42	4.493	4.493	0.000	57	542495	1000.0	990.1	
51 Methacrylonitrile	67	4.516	4.510	0.006	88	3626617	5000.0	5231.9	
52 Chloroform	83	4.534	4.534	0.000	99	2448050	500.0	486.1	
53 Cyclohexane	56	4.681	4.681	0.000	89	1586981	500.0	434.5	
54 1,1,1-Trichloroethane	97	4.693	4.693	0.000	98	2050856	500.0	481.8	
$ 55 Dibromofluoromethane (Surr)	113	4.704	4.699	0.006	95	130193	50.0	51.0	
56 Carbon tetrachloride	117	4.822	4.822	0.000	97	1691393	500.0	495.4	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	98	1745508	500.0	467.2	
58 Isobutyl alcohol	43	4.951	4.946	0.005	97	736050	12500	12149	
59 Isooctane	57	5.022	5.022	0.000	99	1772540	500.0	404.5	
60 Benzene	78	5.069	5.069	0.000	95	5228146	500.0	424.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	127772	50.0	50.2	
62 Isopropyl acetate	61	5.098	5.104	-0.006	98	366568	500.0	513.3	
63 Tert-amyl methyl ether	87	5.116	5.110	0.006	98	943036	500.0	496.3	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	97	1480252	500.0	445.5	
65 n-Heptane	71	5.210	5.210	0.000	90	432747	500.0	375.9	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	511476	50.0	50.0	
67 n-Butanol	56	5.675	5.675	0.000	86	509703	12500	12426	
68 Trichloroethene	95	5.751	5.757	-0.006	99	1442175	500.0	487.3	
69 Ethyl acrylate	99	5.881	5.881	0.000	98	137799	500.0	484.7	
70 Methylcyclohexane	83	5.893	5.893	0.000	89	1386296	500.0	454.6	
71 1,2-Dichloropropane	63	6.075	6.075	0.000	92	1360705	500.0	476.8	
* 73 1,4-Dioxane-d8	96	6.140	6.134	0.006	0	14836	1000.0	1000.0	a
72 Methyl methacrylate	69	6.145	6.151	-0.006	85	1240585	1000.0	956.1	
75 1,4-Dioxane	88	6.198	6.198	0.000	29	187416	10000	11645	
74 n-Propyl acetate	43	6.204	6.204	0.000	99	1065113	500.0	488.9	
76 Dibromomethane	93	6.222	6.222	0.000	98	722907	500.0	504.0	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	1859908	500.0	495.1	
79 2-Nitropropane	41	6.763	6.757	0.006	95	409514	1000.0	1040.6	
80 Epichlorohydrin	57	6.887	6.887	0.000	99	1288546	10000	10785	
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	97	2340874	500.0	456.4	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.128	0.006	95	3430657	2500.0	2378.7	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	499929	50.0	48.0	
84 Toluene	91	7.322	7.316	0.006	94	5713218	500.0	461.8	
86 trans-1,3-Dichloropropene	75	7.722	7.722	0.000	98	1953909	500.0	472.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.751	7.745	0.006	88	1306669	500.0	511.3	
87 1,1,2-Trichloroethane	83	7.987	7.987	0.000	97	912583	500.0	508.3	
88 Tetrachloroethene	166	8.039	8.034	0.005	97	1314462	500.0	461.0	
89 1,3-Dichloropropane	76	8.257	8.257	0.000	92	1814009	500.0	485.3	
90 2-Hexanone	58	8.339	8.339	0.000	95	1428091	2500.0	2586.1	
91 n-Butyl acetate	73	8.498	8.492	0.006	99	234290	500.0	498.1	
92 Chlorodibromomethane	129	8.569	8.563	0.006	98	1298780	500.0	494.4	
93 Ethylene Dibromide	107	8.763	8.763	0.000	98	1008465	500.0	471.5	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	84	386724	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	95	3754643	500.0	480.8	
96 Ethylbenzene	106	9.439	9.433	0.006	98	2064407	500.0	476.0	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.445	0.006	96	1402015	500.0	533.4	
98 m-Xylene & p-Xylene	106	9.569	9.563	0.006	0	2402737	500.0	458.5	
99 n-Butyl acrylate	73	9.933	9.933	0.000	98	858983	500.0	500.3	
100 o-Xylene	106	9.951	9.951	0.000	93	2469865	500.0	483.8	
101 Styrene	104	9.981	9.975	0.005	96	4077422	500.0	485.0	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	91	1530008	500.0	476.8	
103 Bromoform	173	10.157	10.157	0.000	96	745800	500.0	531.0	
104 Isopropylbenzene	105	10.257	10.251	0.006	96	5398592	500.0	476.4	
$ 105 4-Bromofluorobenzene	174	10.422	10.416	0.006	90	145558	50.0	49.6	
107 Bromobenzene	156	10.528	10.528	0.000	97	1576732	500.0	515.7	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	1101477	500.0	525.2	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	6967005	500.0	473.5	
110 1,2,3-Trichloropropane	110	10.598	10.592	0.006	97	315247	500.0	528.8	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.604	0.006	89	304806	500.0	479.0	
112 2-Chlorotoluene	91	10.663	10.657	0.006	95	5064019	500.0	489.8	
169 4-Ethyltoluene	105	10.663	10.657	0.006	89	5990480	500.0	492.5	
113 1,3,5-Trimethylbenzene	105	10.710	10.704	0.006	94	4657089	500.0	487.0	
115 4-Chlorotoluene	91	10.745	10.745	0.000	97	4452742	500.0	471.9	
114 Butyl Methacrylate	87	10.780	10.775	0.005	86	1687455	500.0	490.3	
116 tert-Butylbenzene	119	10.928	10.928	0.000	94	3824747	500.0	487.2	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	98	4906551	500.0	498.2	
118 sec-Butylbenzene	134	11.075	11.069	0.006	98	1060300	500.0	464.3	
119 4-Isopropyltoluene	119	11.169	11.163	0.006	97	4800137	500.0	492.7	
120 1,3-Dichlorobenzene	146	11.180	11.175	0.005	97	2929024	500.0	521.8	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.222	0.005	96	185554	50.0	50.0	a
122 1,4-Dichlorobenzene	146	11.245	11.239	0.006	95	2954705	500.0	510.7	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	98	4998444	500.0	498.9	
124 Benzyl chloride	91	11.345	11.339	0.006	99	2116527	500.0	503.6	
162 2,3-Dihydroindene	117	11.392	11.386	0.006	94	4323679	500.0	473.6	
164 p-Diethylbenzene	119	11.422	11.416	0.006	93	2687979	500.0	467.6	
127 n-Butylbenzene	92	11.439	11.433	0.006	98	2134427	500.0	454.7	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	96	2409203	500.0	496.1	
163 1,2,4,5-Tetramethylbenzene	119	11.969	11.963	0.006	97	3928404	500.0	479.0	
130 1,2-Dibromo-3-Chloropropane	157	12.069	12.069	0.000	96	180746	500.0	535.6	
131 1,3,5-Trichlorobenzene	180	12.174	12.169	0.005	97	1514286	500.0	481.3	
132 1,2,4-Trichlorobenzene	180	12.704	12.698	0.006	94	1213343	500.0	489.2	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	93	468548	500.0	490.4	
134 Naphthalene	128	12.945	12.945	0.000	99	2230780	500.0	552.1	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	95	861015	500.0	500.0	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	953.9	
S 137 Xylenes, Total	100				0		1000.0	942.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00495	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00161	Amount Added:	50.00	Units: uL	
MIX I Hi_00188	Amount Added:	50.00	Units: uL	
Ethanol mix_00101	Amount Added:	50.00	Units: uL	
7 Freons Hi_00027	Amount Added:	50.00	Units: uL	
ACROLEIN W_00183	Amount Added:	40.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:09:52 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26564.D

Injection Date: 14-May-2025 06:40:30 Instrument ID: CVOAMS1 Operator ID:

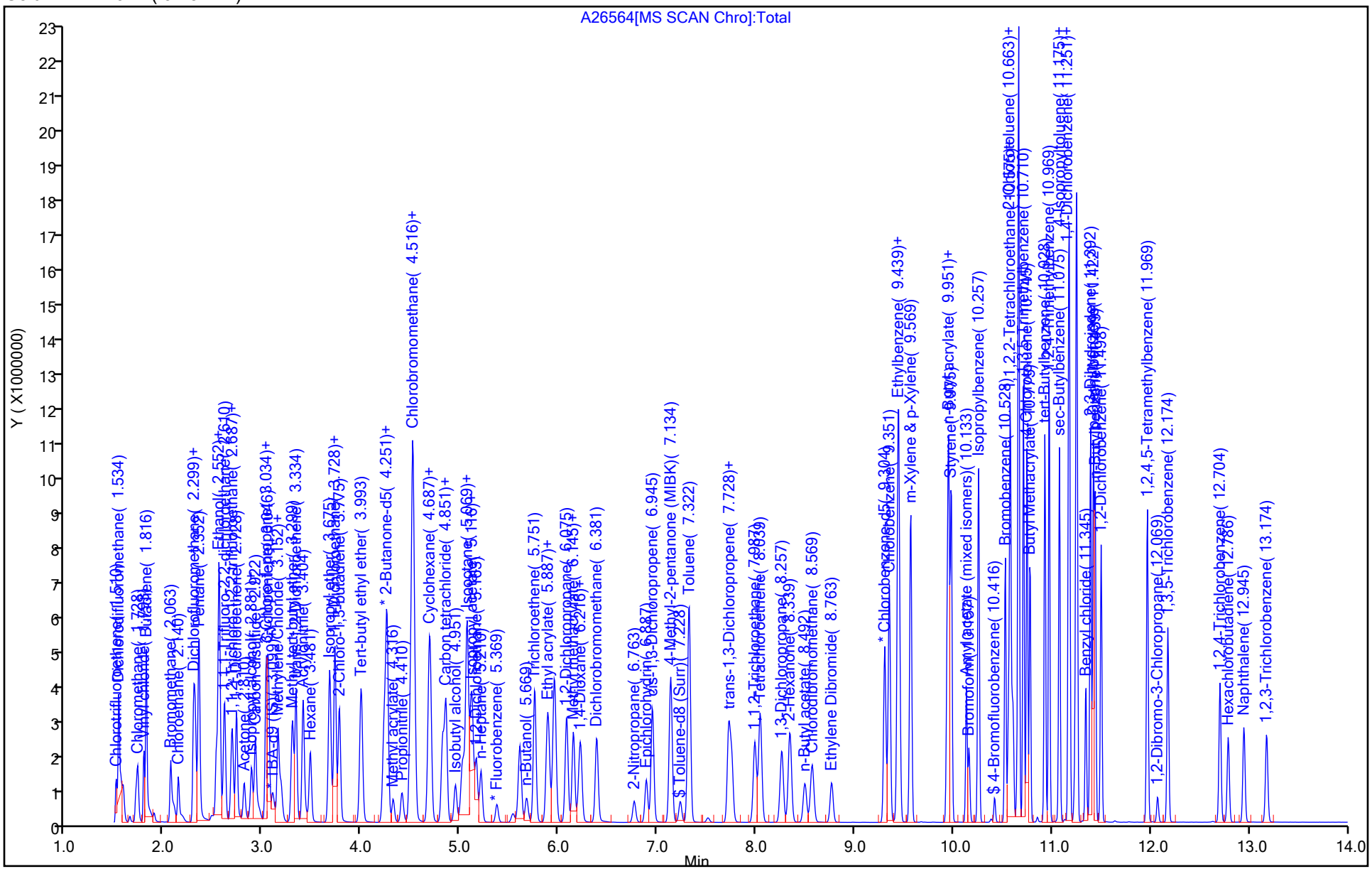
Lims ID: STD500 Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

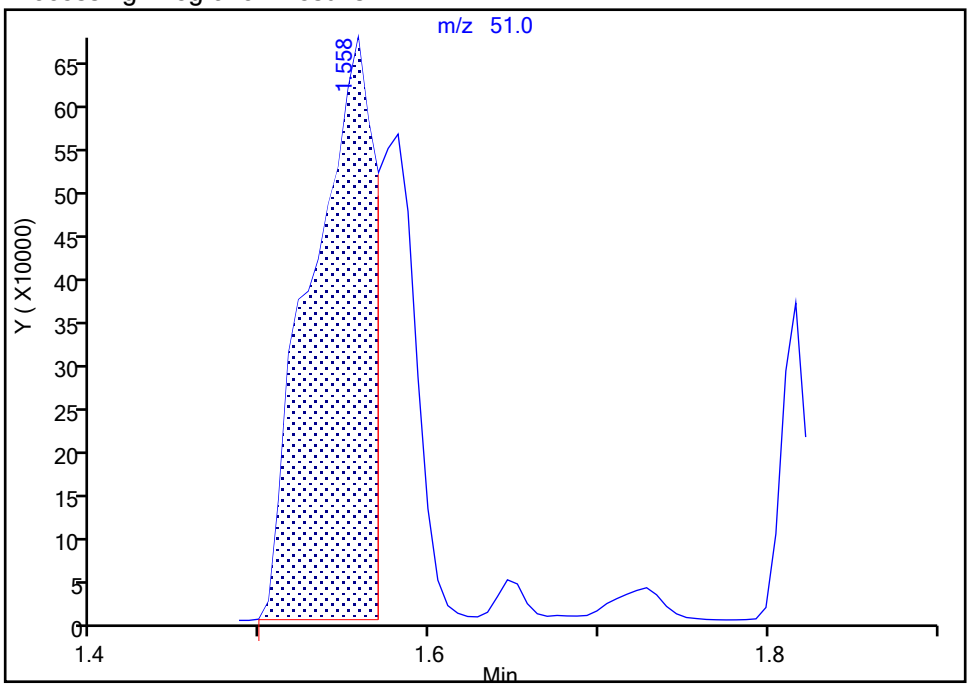
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26564.D
Injection Date: 14-May-2025 06:40:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

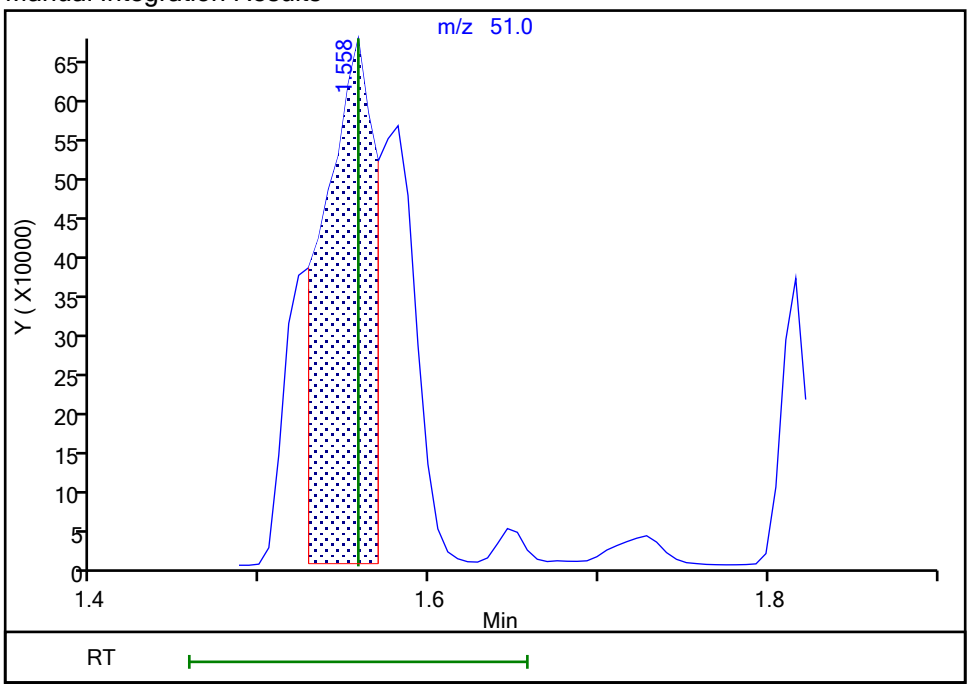
Processing Integration Results

RT: 1.56
Area: 1762137
Amount: 571.8190
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 1467493
Amount: 491.8829
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:30:45 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Eurofins Edison

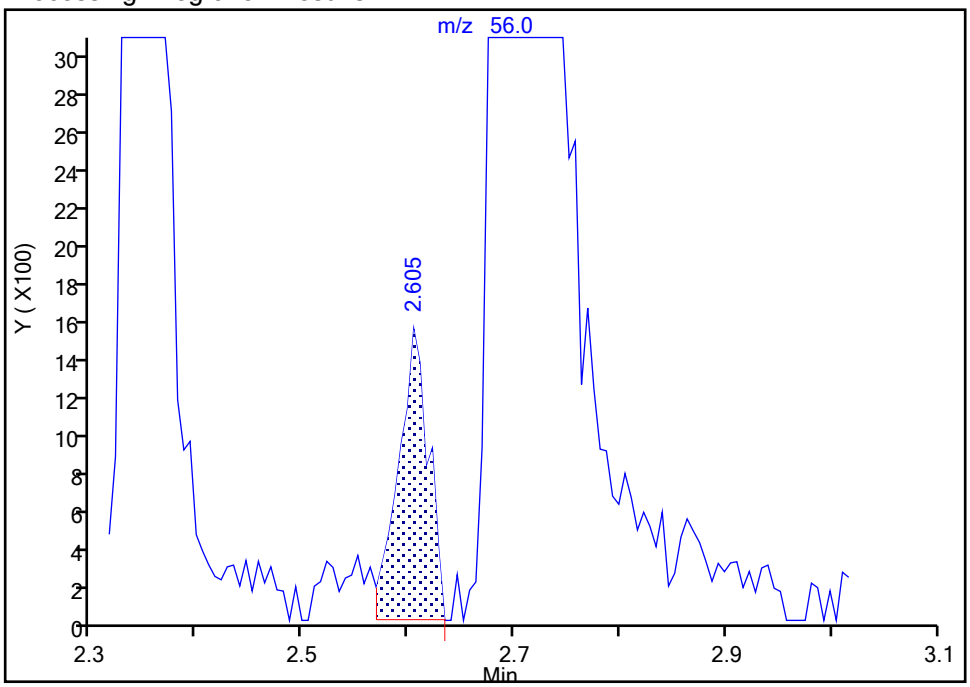
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26564.D
Injection Date: 14-May-2025 06:40:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

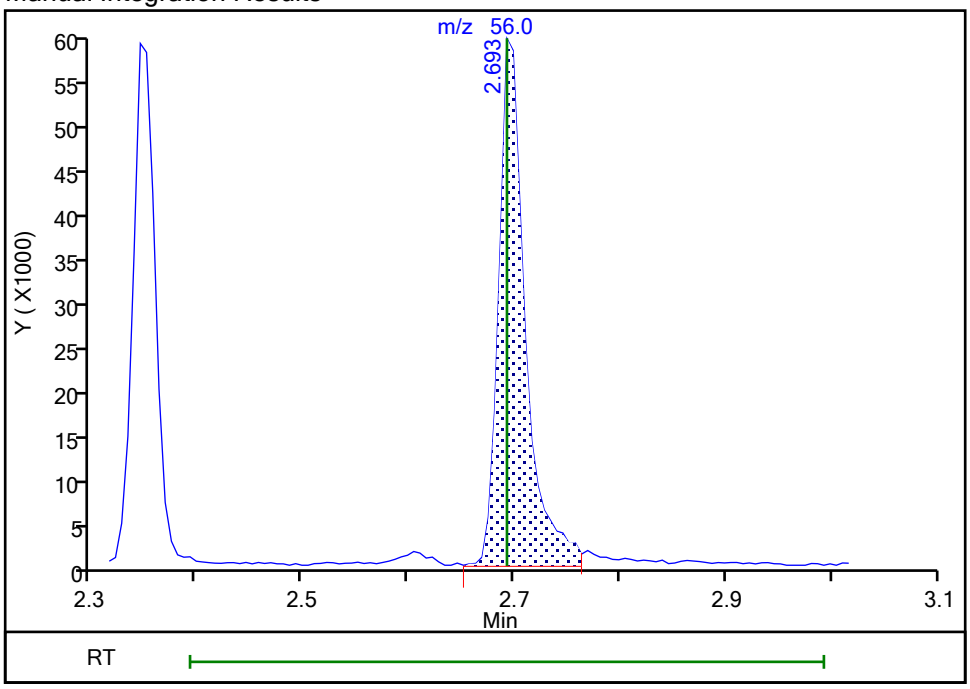
Processing Integration Results

RT: 2.60
Area: 3077
Amount: 31.417073
Amount Units: ug/l



Manual Integration Results

RT: 2.69
Area: 103985
Amount: 437.5703
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:33:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

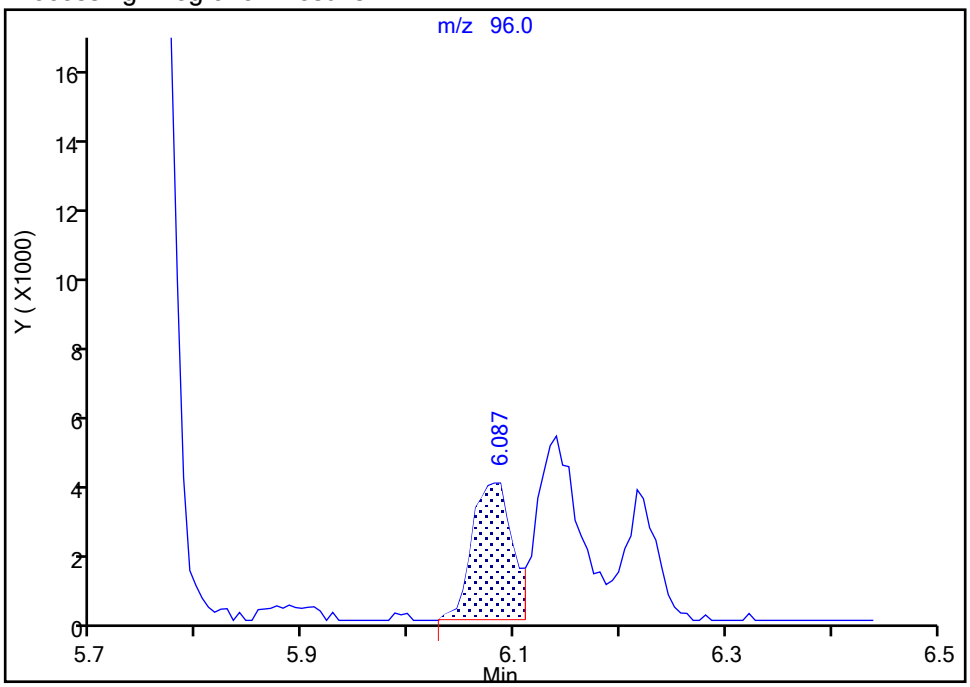
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26564.D
Injection Date: 14-May-2025 06:40:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

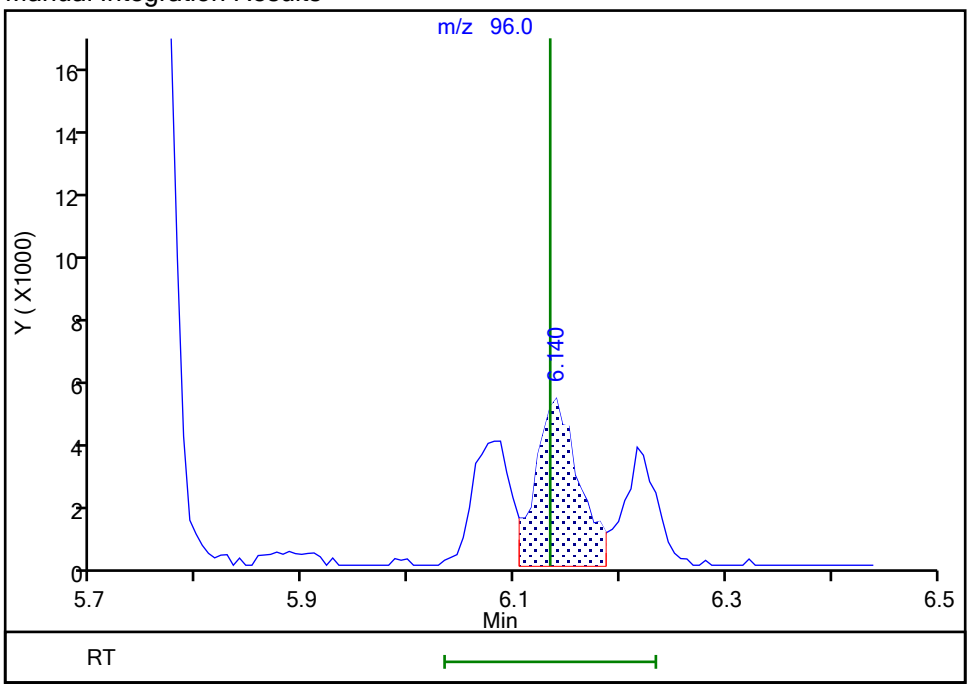
Processing Integration Results

RT: 6.09
Area: 10395
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.14
Area: 14836
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:30:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

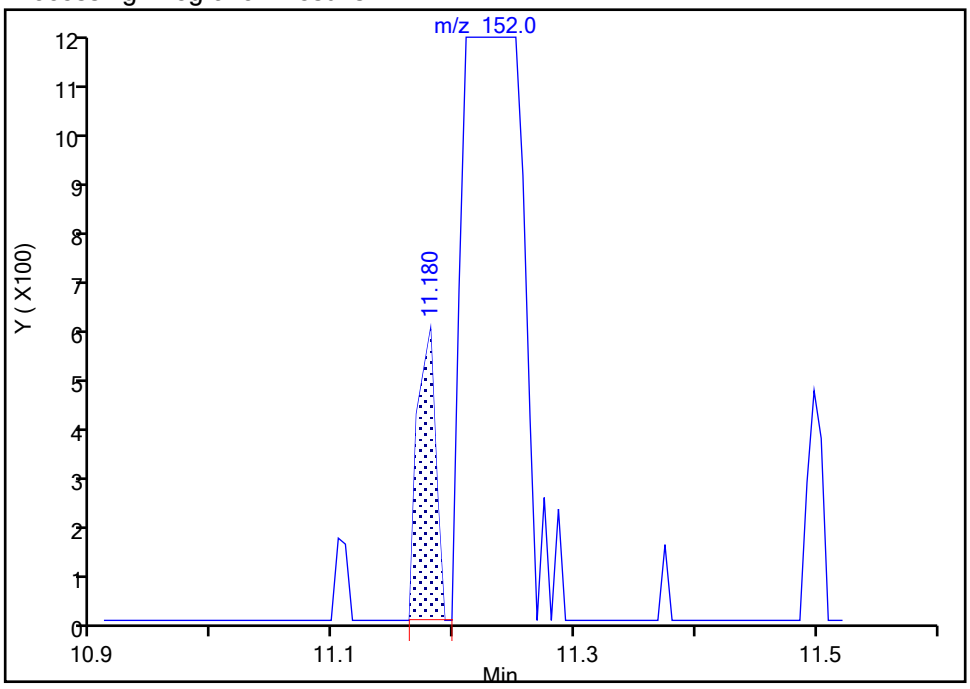
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26564.D
Injection Date: 14-May-2025 06:40:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 121 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

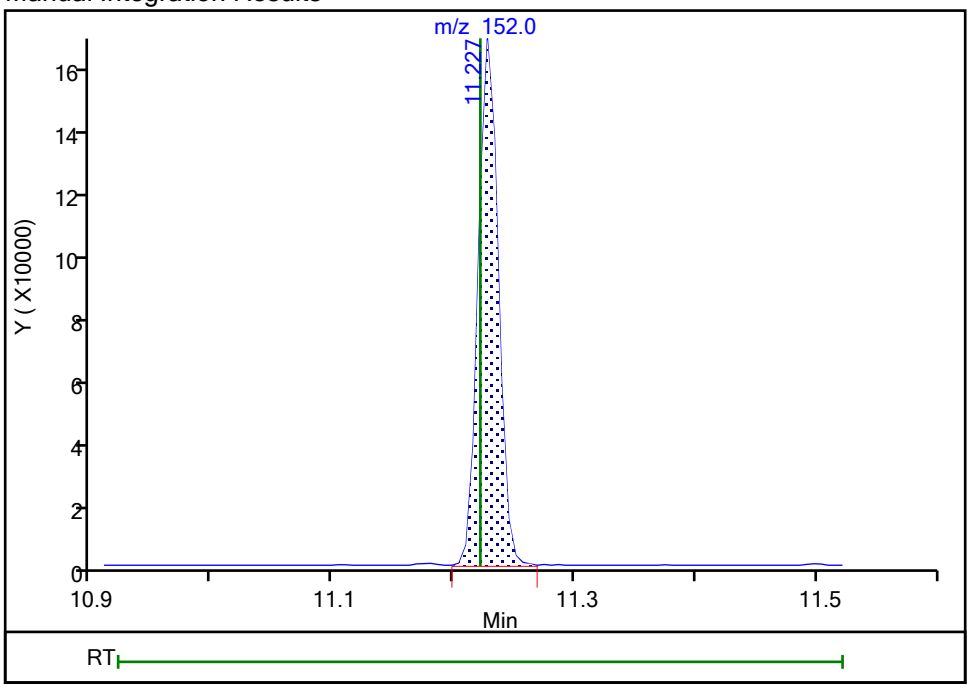
Processing Integration Results

RT: 11.18
Area: 612
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 11.23
Area: 185554
Amount: 50.000000
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:30:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 14-May-2025 10:21:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0190761-019
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:10:06 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: KG2Q Date: 14-May-2025 11:27:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.116	3.110	0.006	0	139095	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	146299	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.698	4.699	0.000	96	132990	50.0	49.9	
60 Benzene	78	5.063	5.069	-0.006	41	2909	0.2000	0.2502	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	130987	50.0	49.3	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	23	943	0.2000	0.2720	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	533651	50.0	50.0	
68 Trichloroethene	95	5.751	5.757	-0.006	87	686	0.2000	0.2221	
71 1,2-Dichloropropane	63	6.075	6.075	0.000	1	636	0.2000	0.2136	
* 73 1,4-Dioxane-d8	96	6.134	6.134	0.000	0	14955	1000.0	1000.0	
77 Dichlorobromomethane	83	6.369	6.381	-0.012	1	857	0.2000	0.2186	a
81 cis-1,3-Dichloropropene	75	6.940	6.945	-0.005	3	1179	0.2000	0.2432	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	499047	50.0	50.7	
86 trans-1,3-Dichloropropene	75	7.716	7.722	-0.006	1	931	0.2000	0.2383	a
87 1,1,2-Trichloroethane	83	7.998	7.987	0.011	1	217	0.2000	0.1279	a
88 Tetrachloroethene	166	8.045	8.034	0.011	1	696	0.2000	0.2583	
92 Chlorodibromomethane	129	8.569	8.563	0.006	1	249	0.2000	0.1982	Ma
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	86	365489	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	88	140213	50.0	50.5	
106 1,1,2,2-Tetrachloroethane	83	10.563	10.557	0.006	1	375	0.2000	0.1900	
* 121 1,4-Dichlorobenzene-d4	152	11.233	11.222	0.011	96	174599	50.0	50.0	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

MIX 2 Hi_00161	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00205	Amount Added:	2.00	Units: uL	
524FREONS_00033	Amount Added:	0.00	Units: uL	
ACROLEIN W_00183	Amount Added:	0.00	Units: uL	
GASES Li_00641	Amount Added:	0.00	Units: uL	
GAS Hi_00495	Amount Added:	0.00	Units: uL	
Ethanol mix_00101	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00137	Amount Added:	0.00	Units: uL	
7 Freons Hi_00027	Amount Added:	0.00	Units: uL	
MIX I Hi_00188	Amount Added:	0.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:10:06 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D

Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1 Operator ID:

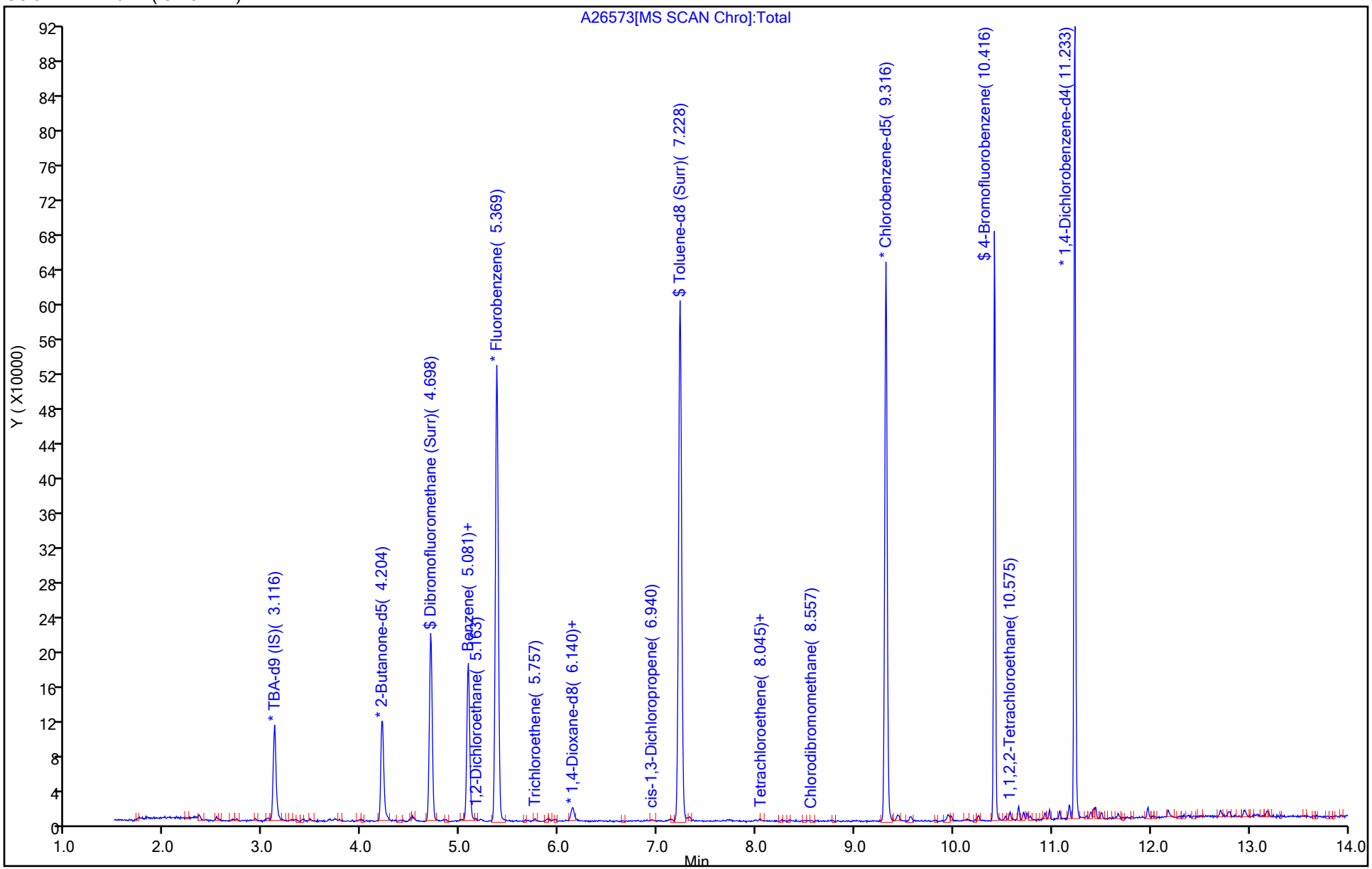
Lims ID: STD8 Worklist Smp#: 19

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

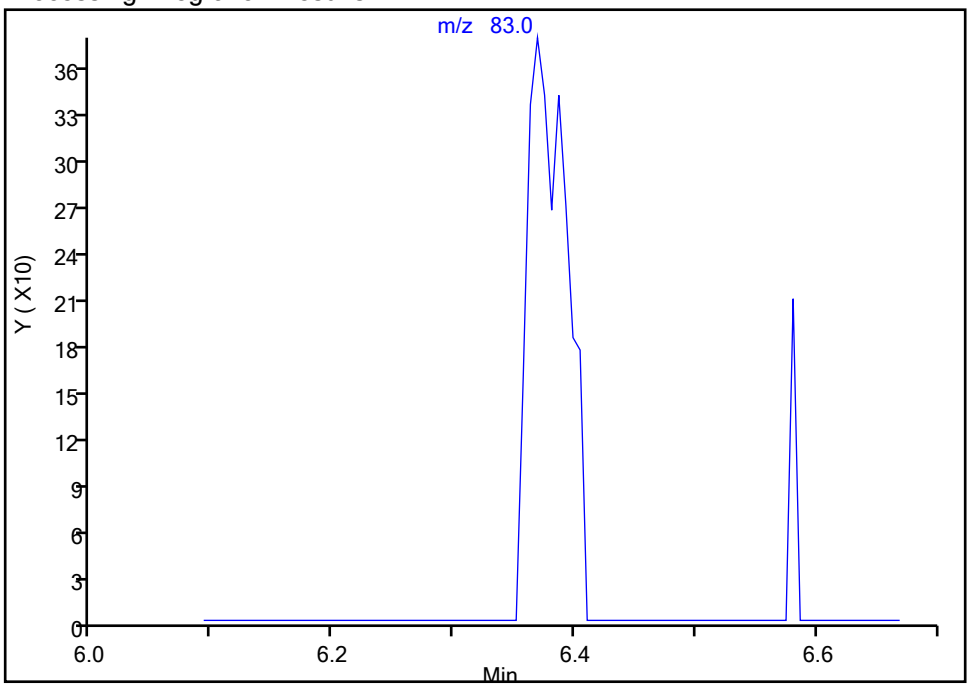
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

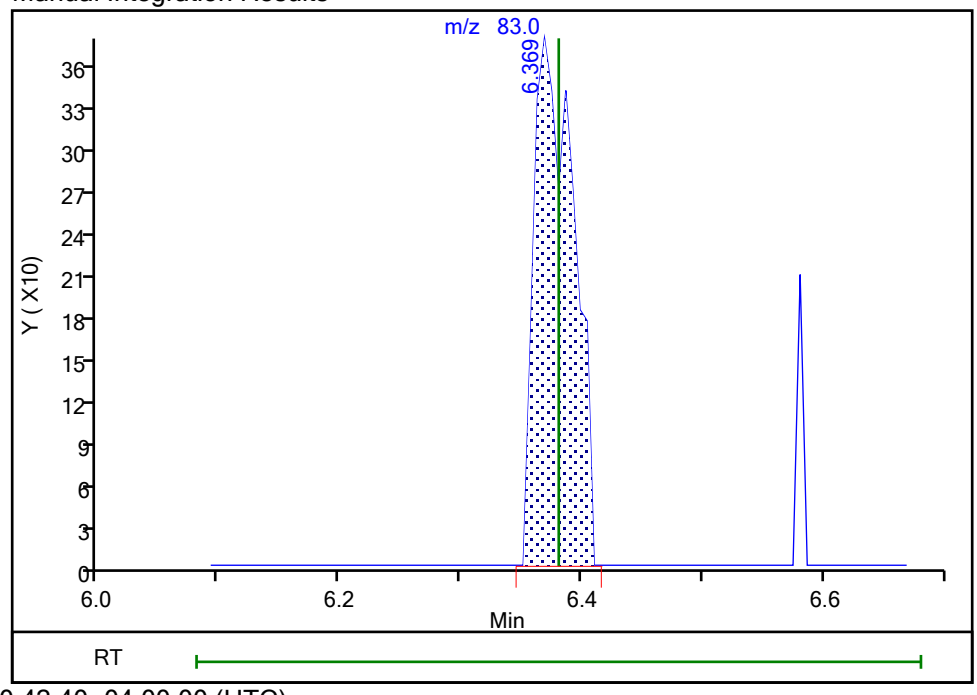
Not Detected
Expected RT: 6.38

Processing Integration Results



Manual Integration Results

RT: 6.37
Area: 857
Amount: 0.218638
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:42:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

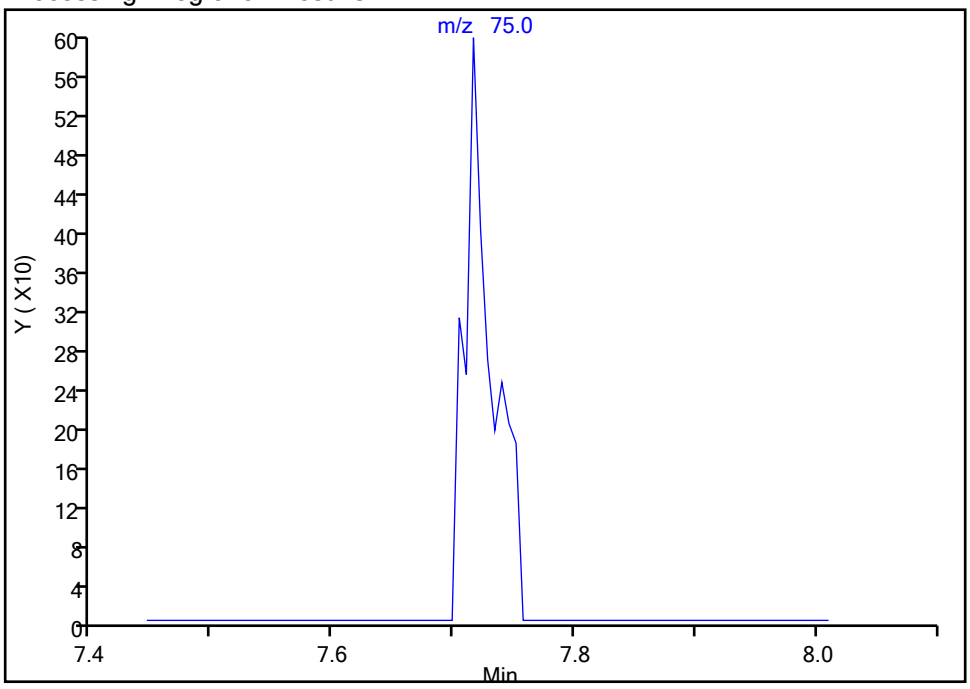
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

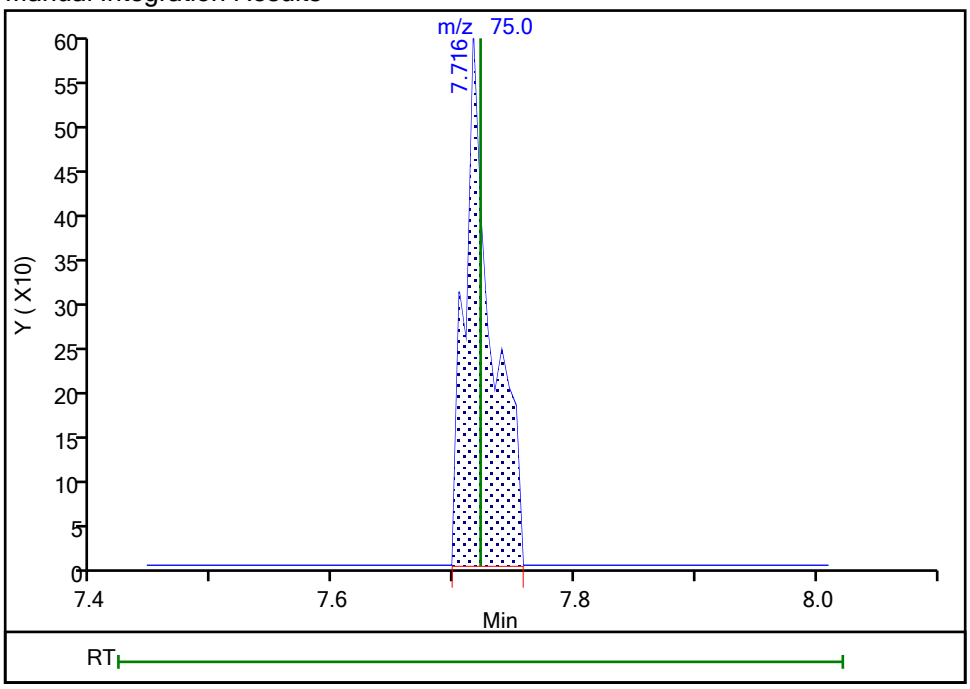
Not Detected
Expected RT: 7.72

Processing Integration Results



Manual Integration Results

RT: 7.72
Area: 931
Amount: 0.238307
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:41:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

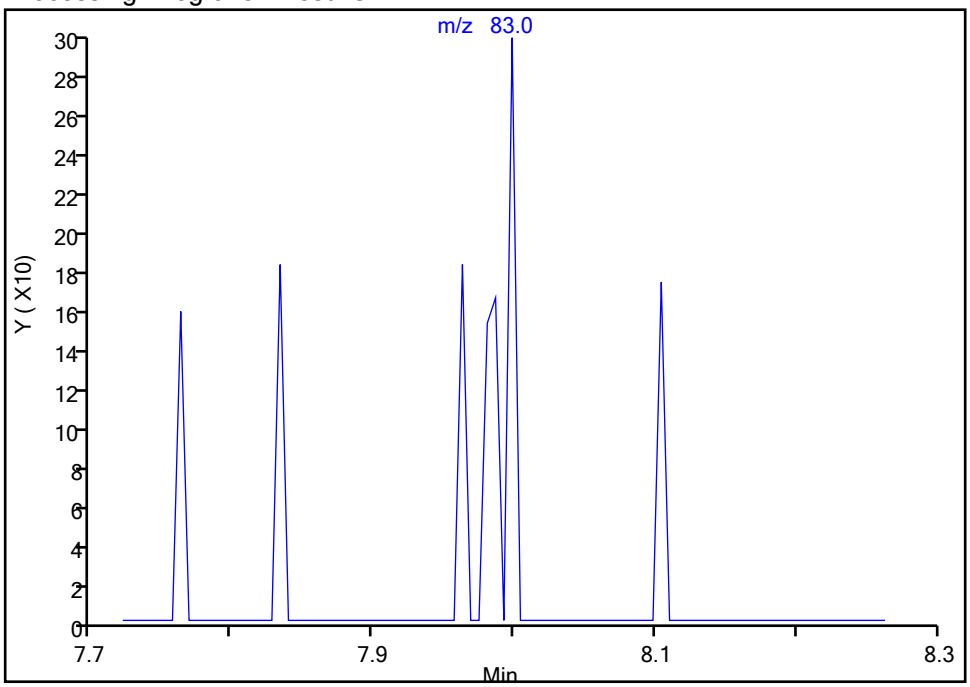
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

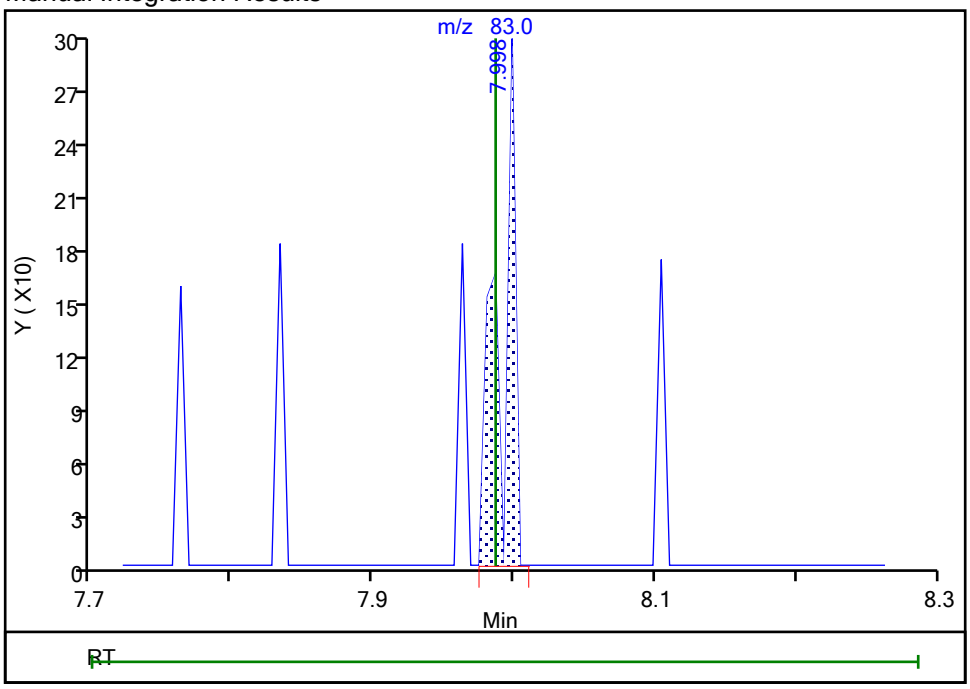
Not Detected
Expected RT: 7.99

Processing Integration Results



Manual Integration Results

RT: 8.00
Area: 217
Amount: 0.127897
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:43:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

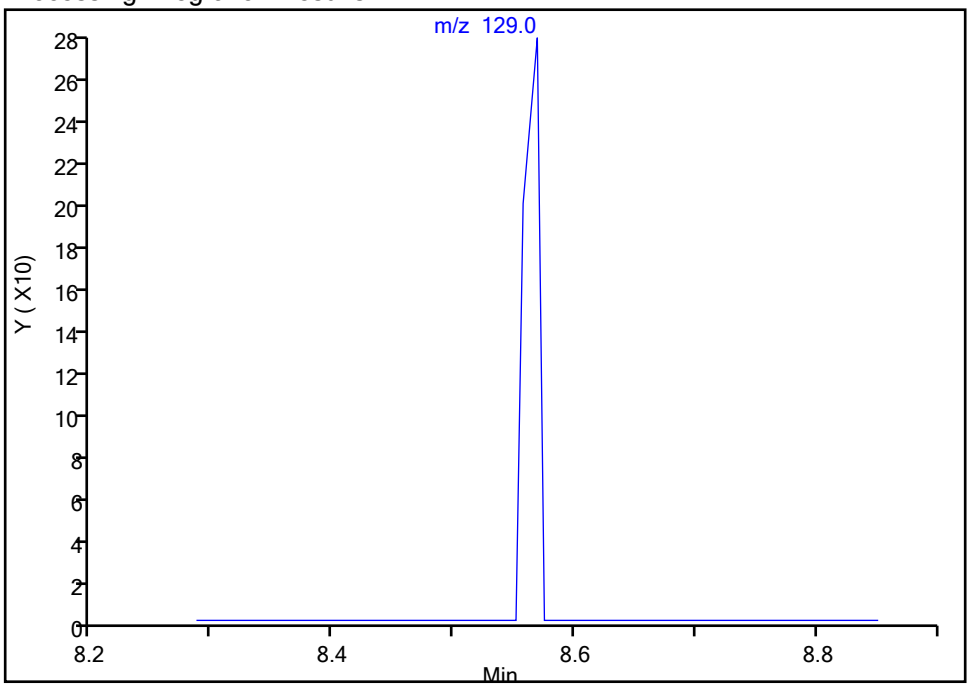
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

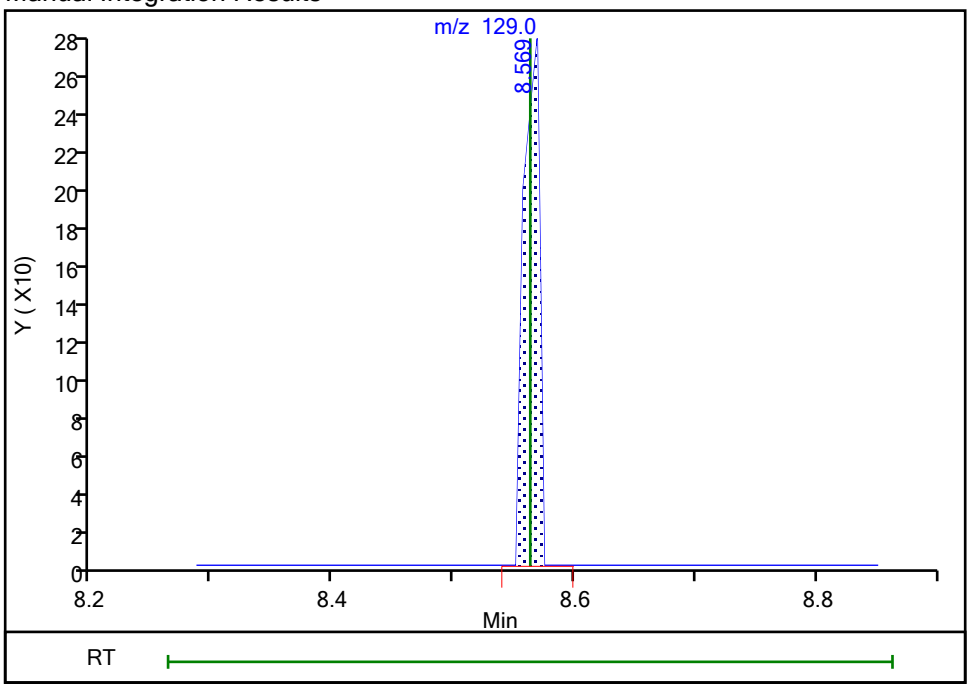
Not Detected
Expected RT: 8.56

Processing Integration Results



Manual Integration Results

RT: 8.57
Area: 249
Amount: 0.198163
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:43:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

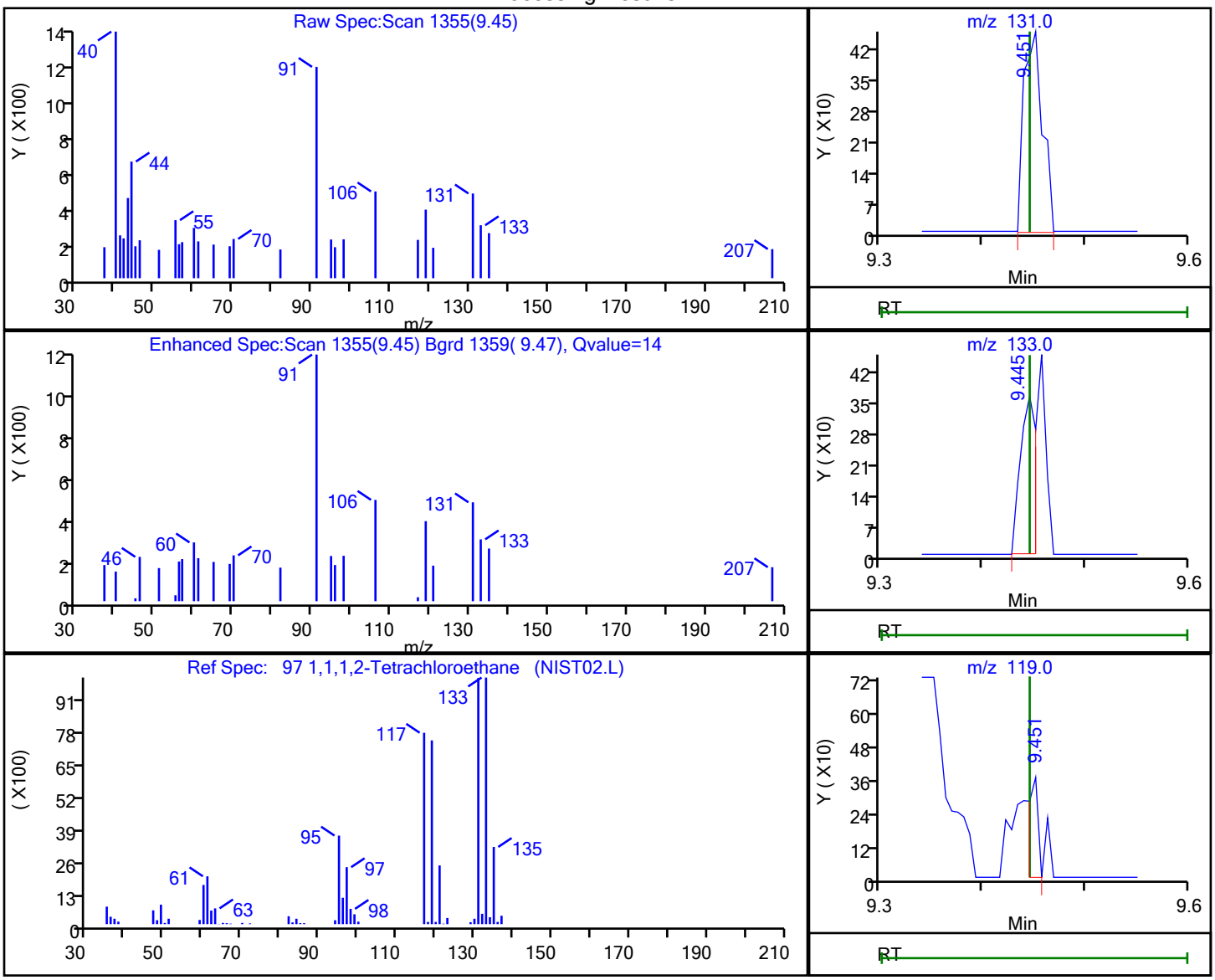
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

97 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results



RT	Mass	Response	Amount
9.45	131.00	574	0.226038
9.45	133.00	385	
9.45	119.00	227	
9.46	117.00	514	

Reviewer: NN6A, 14-May-2025 20:43:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

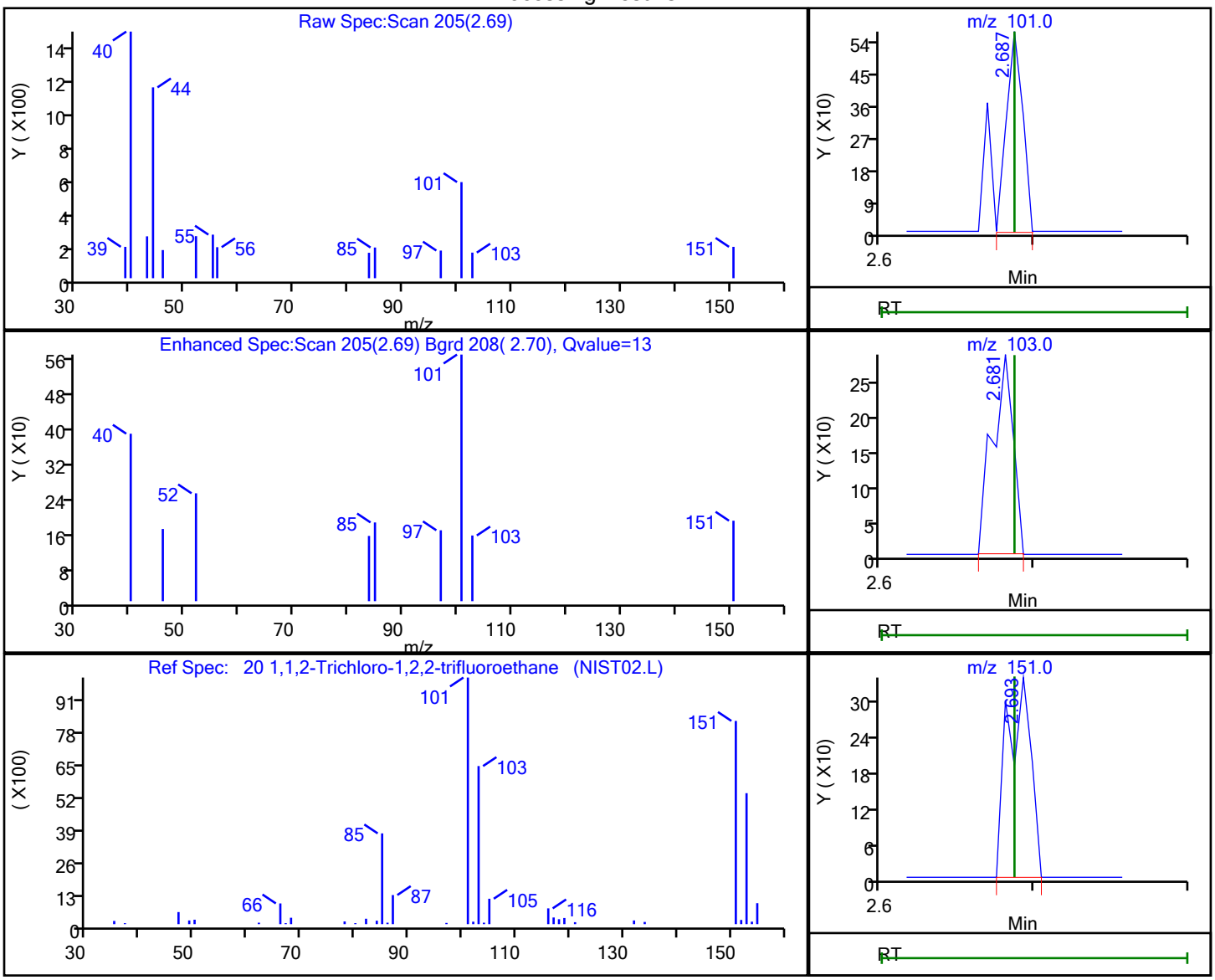
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
2.69	101.00	419	0.179199
2.68	103.00	265	
2.69	151.00	353	
2.69	85.00	122	

Reviewer: NN6A, 14-May-2025 20:42:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

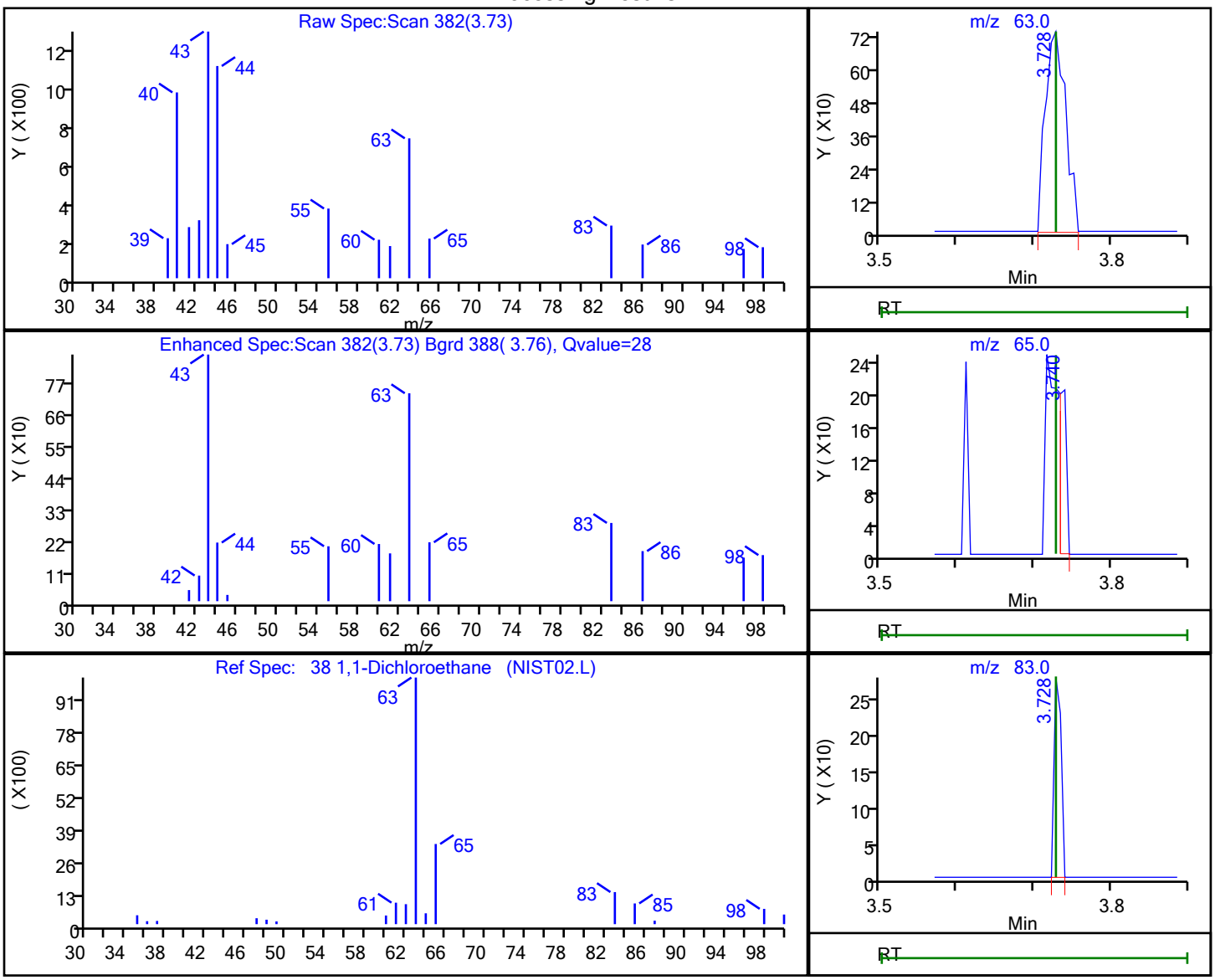
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.73	63.00	1349	0.247060
3.74	65.00	143	
3.73	83.00	177	

Reviewer: NN6A, 14-May-2025 20:42:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

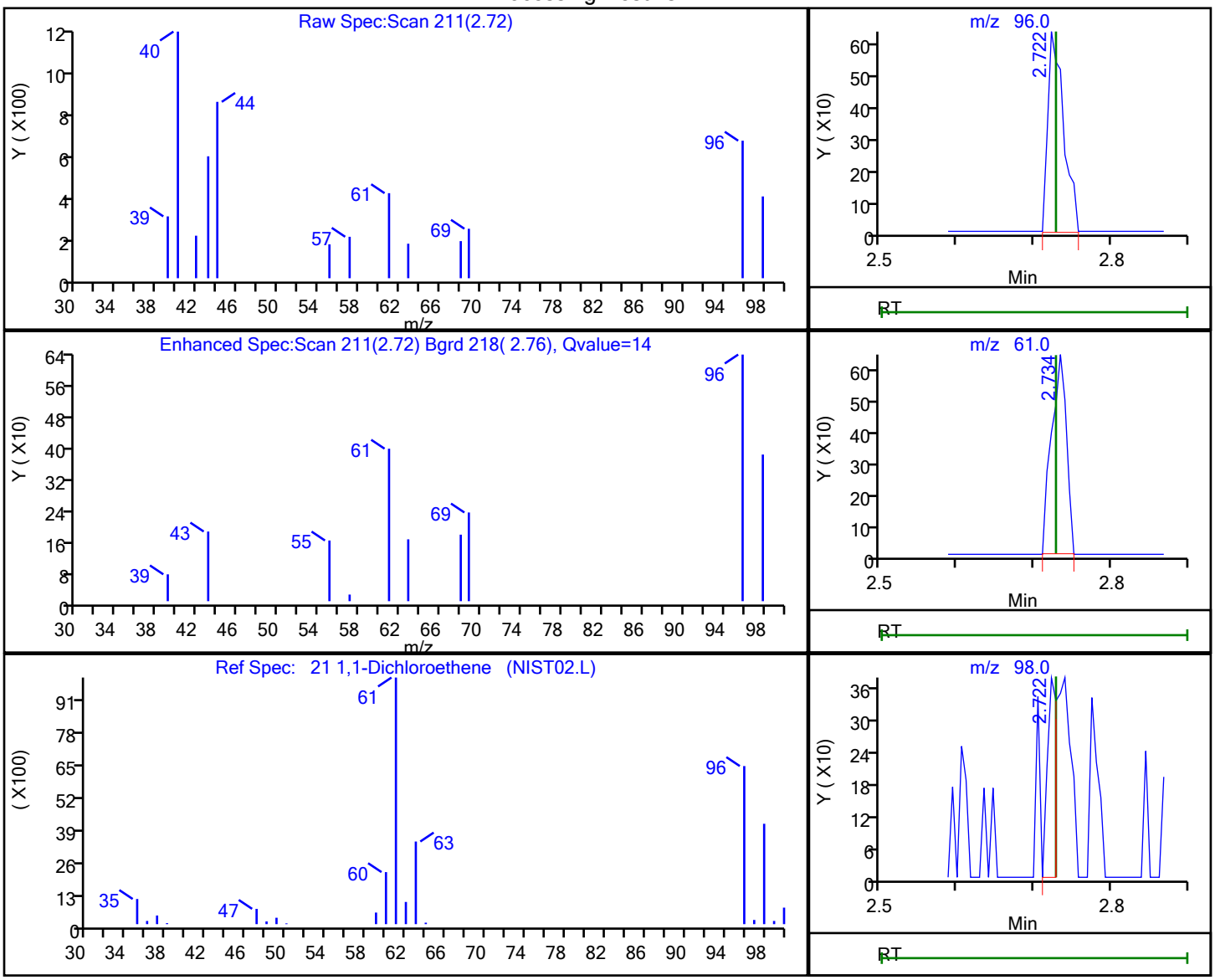
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.72	96.00	903	0.404786
2.73	61.00	878	
2.72	98.00	324	
2.73	63.00	327	

Reviewer: NN6A, 14-May-2025 20:42:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

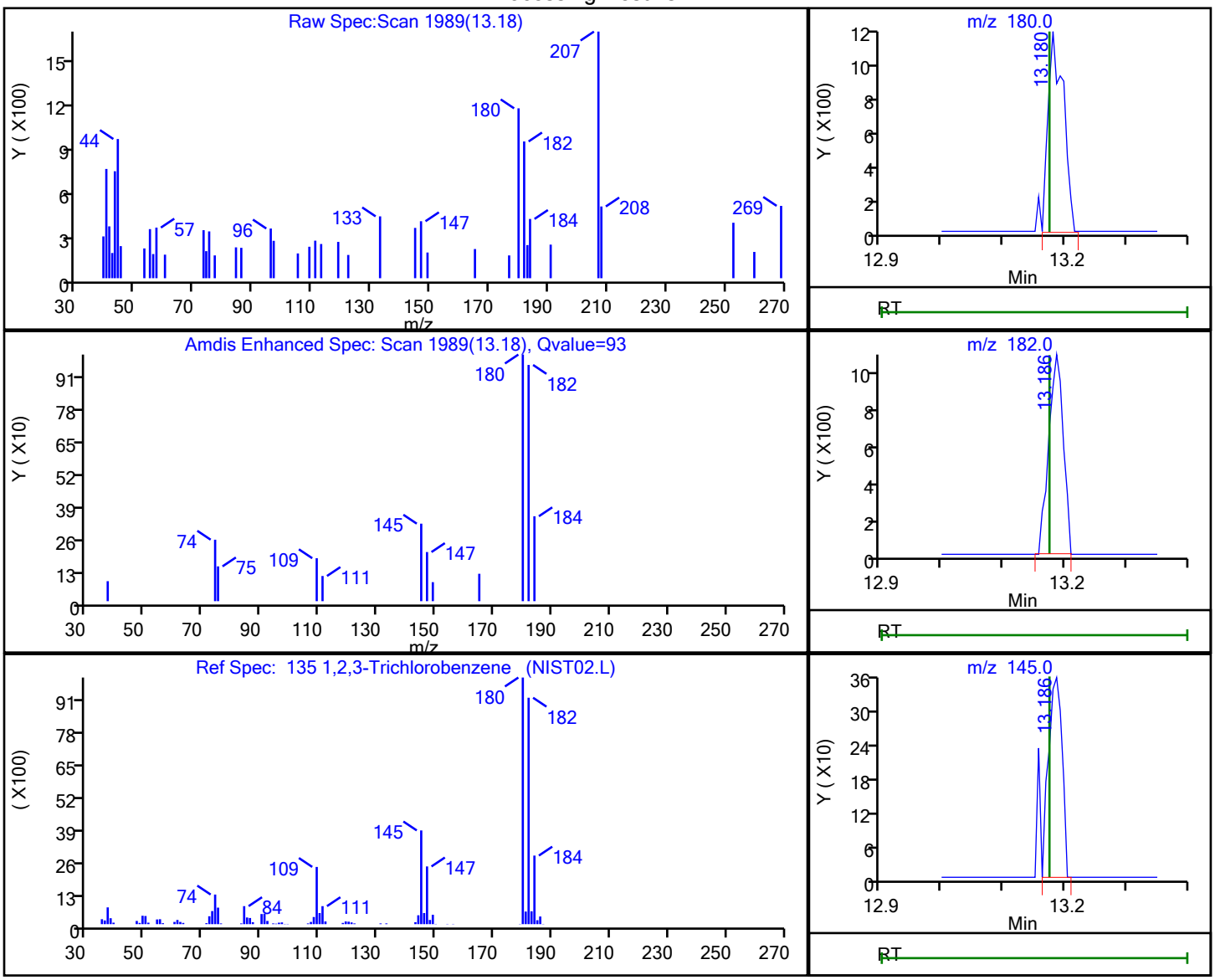
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
13.18	180.00	1946	1.286020
13.19	182.00	1779	
13.19	145.00	544	

Reviewer: NN6A, 14-May-2025 20:43:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

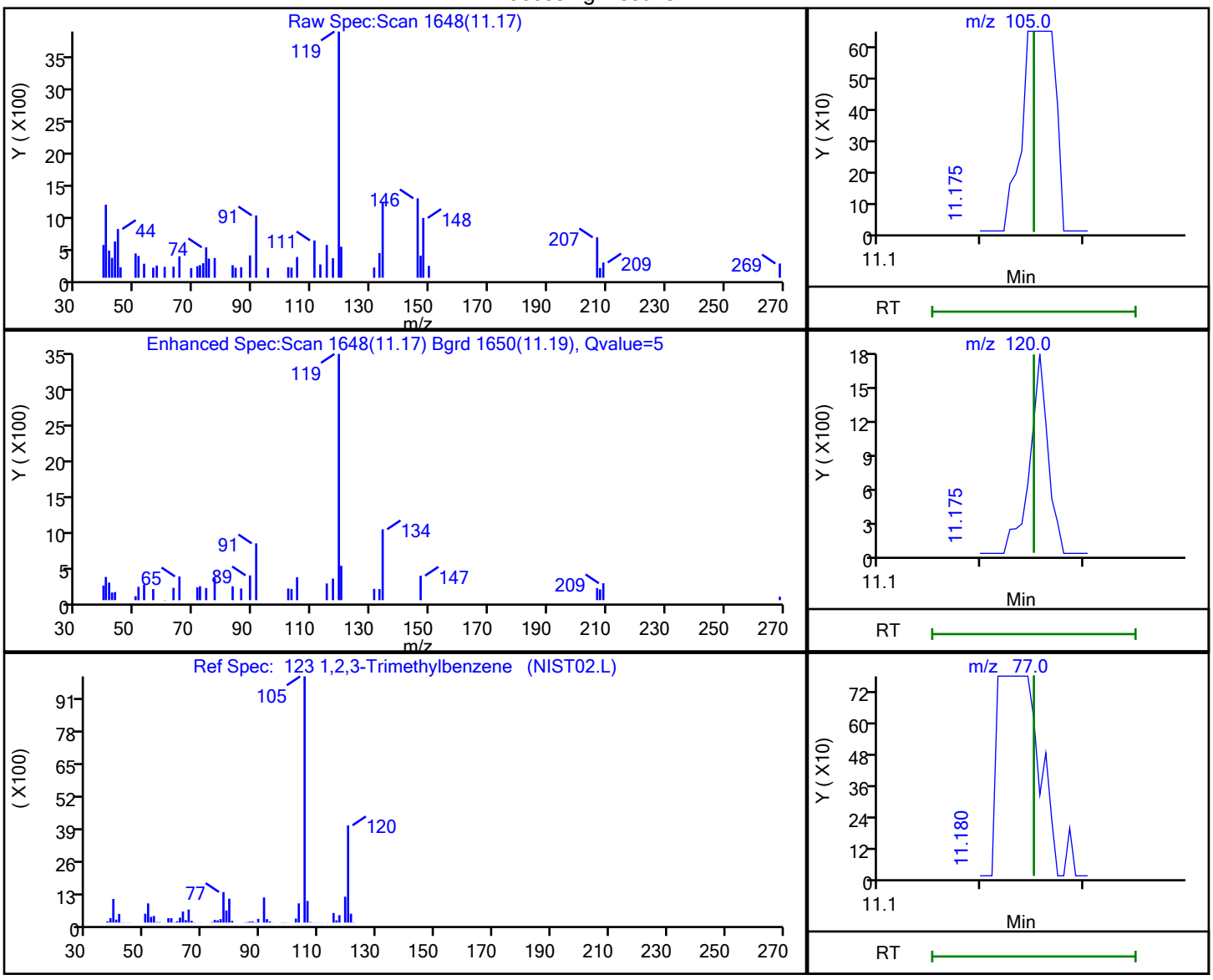
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
11.17	105.00	196	0.021479
11.17	120.00	423	
11.18	77.00	546	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

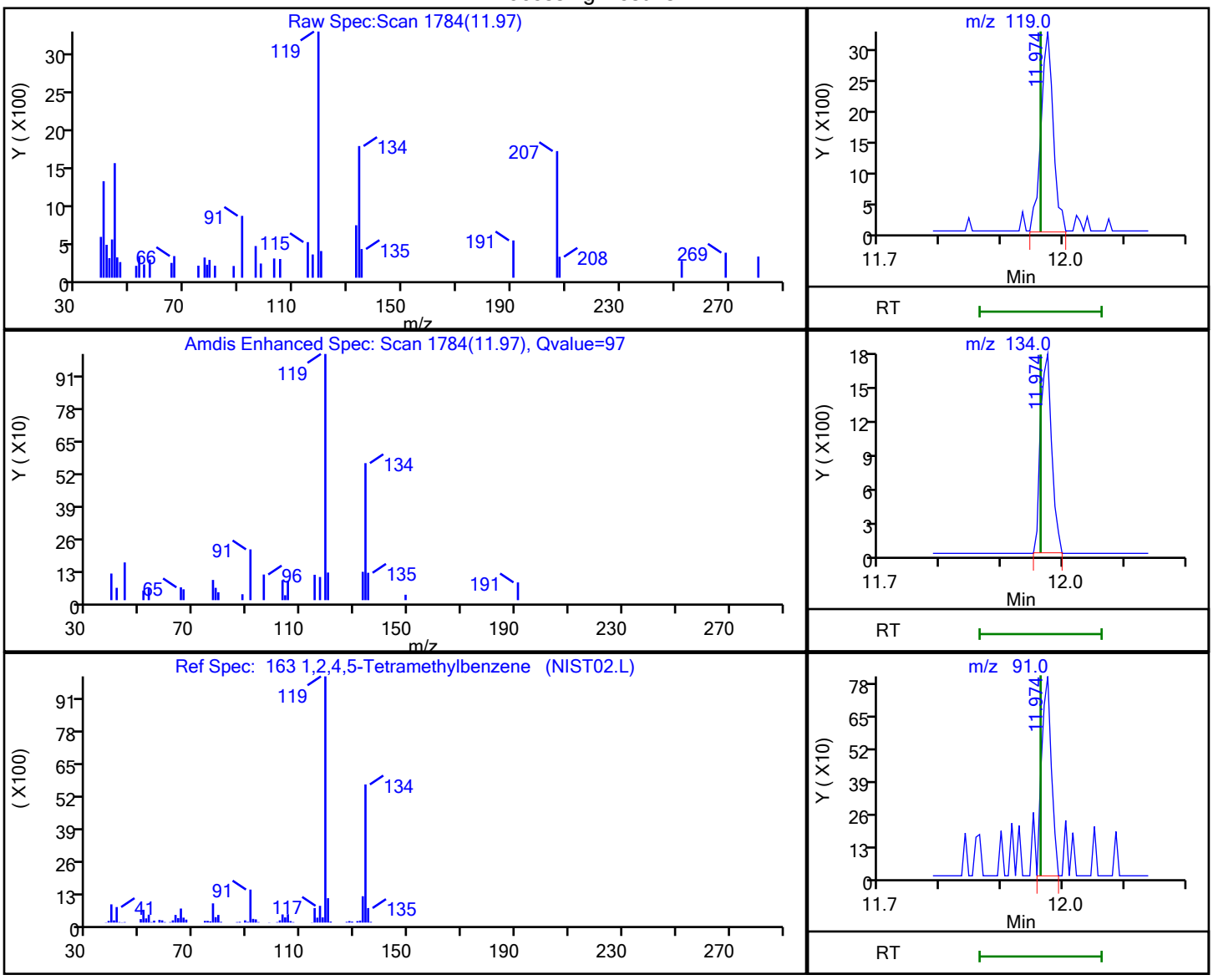
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

163 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.97	119.00	4423	0.597889
11.97	134.00	2192	
11.97	91.00	886	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

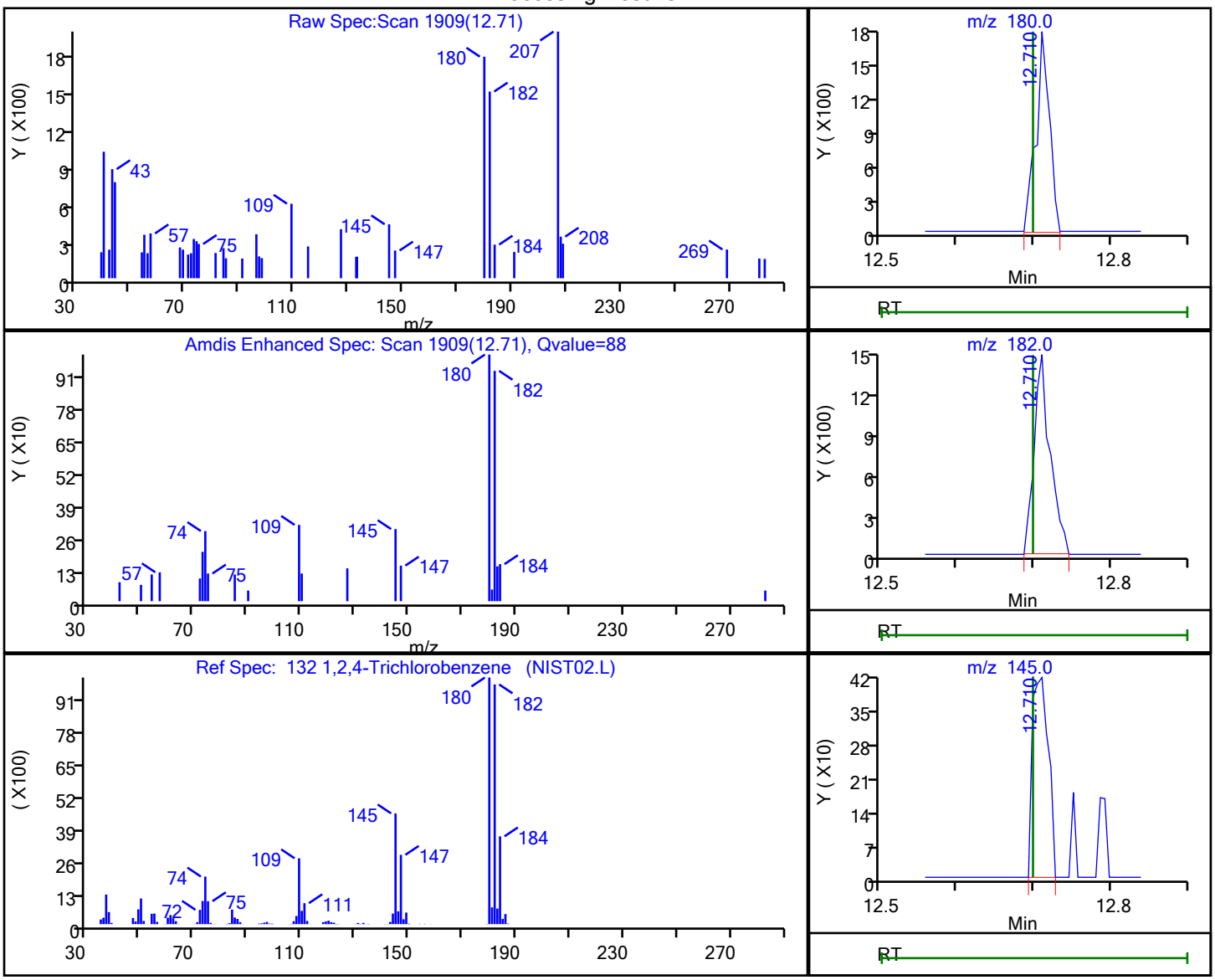
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.71	180.00	2097	0.968196
12.71	182.00	2113	
12.71	145.00	612	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

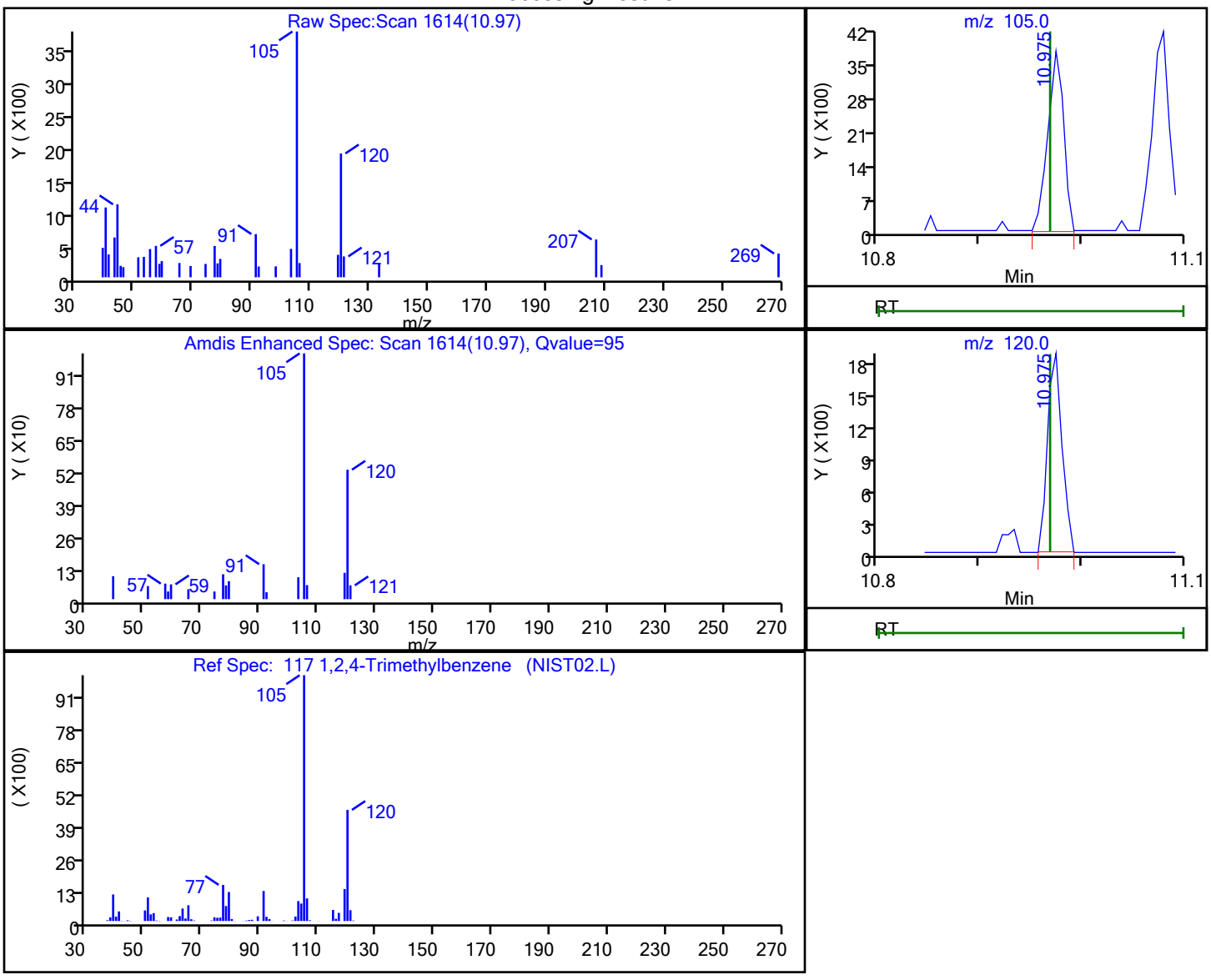
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.97	105.00	4056	0.449666
10.97	120.00	1873	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

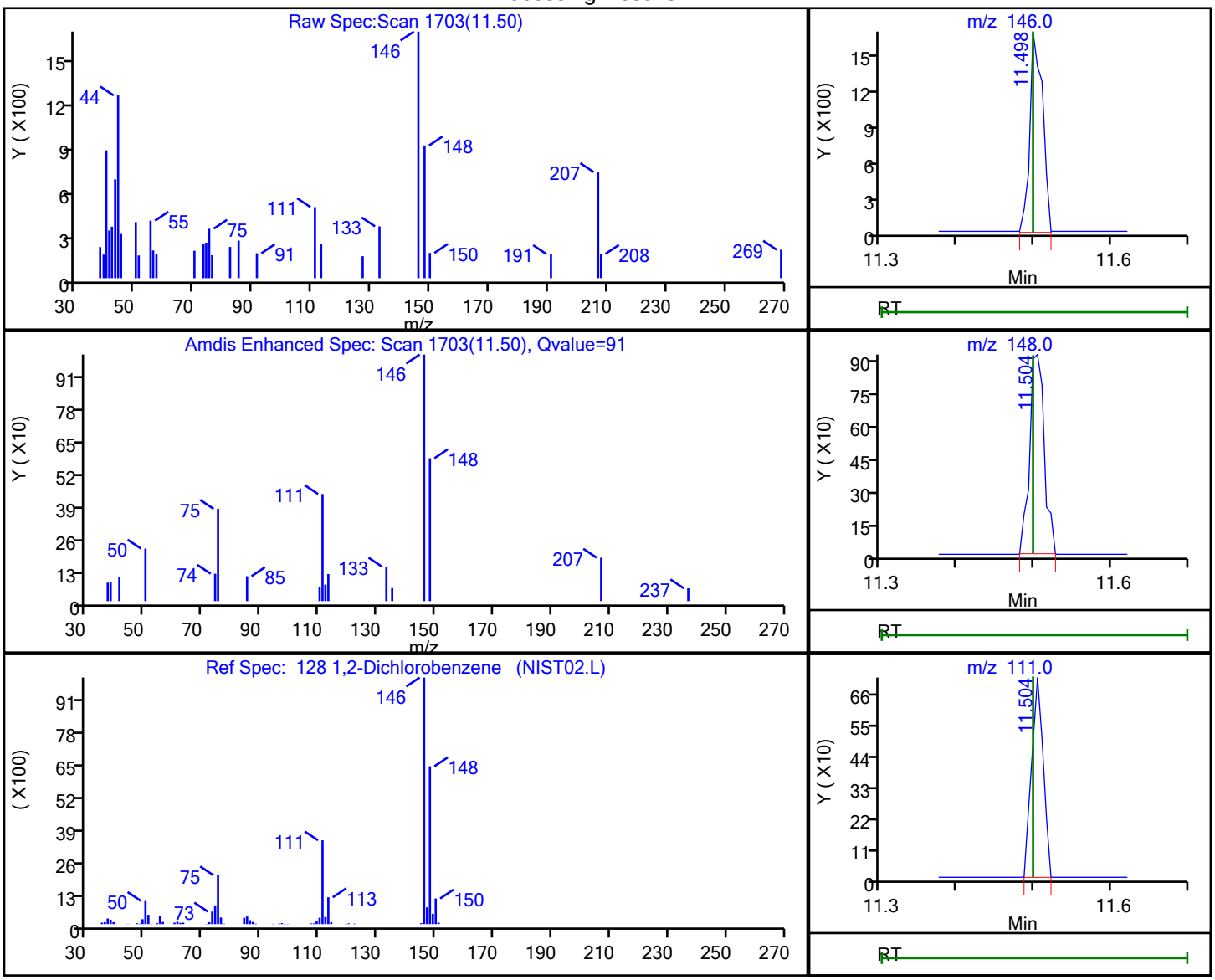
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.50	146.00	1936	0.437162
11.50	148.00	1238	
11.50	111.00	761	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

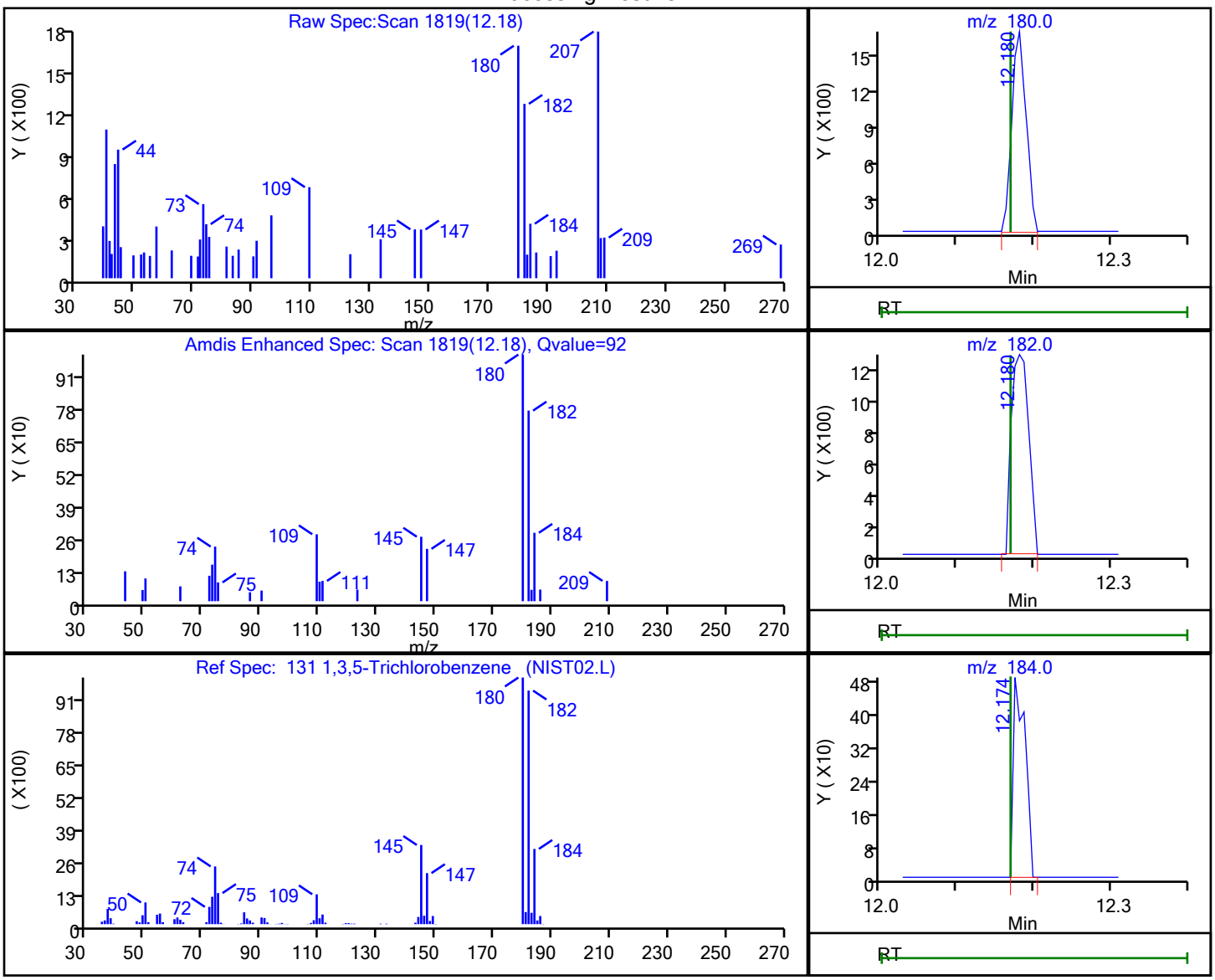
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

131 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.18	180.00	2089	0.754574
12.18	182.00	1915	
12.17	184.00	517	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

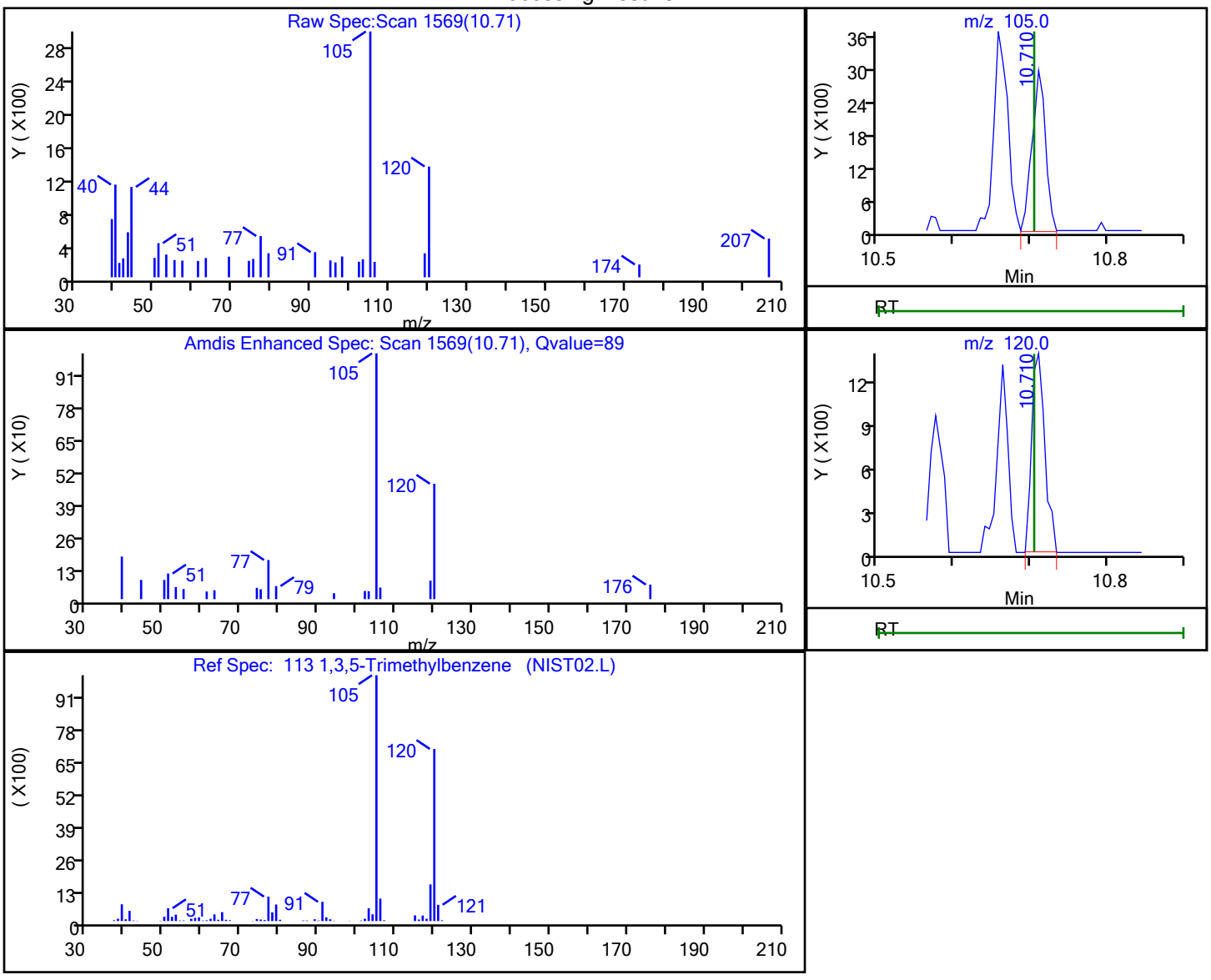
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D		
Injection Date:	14-May-2025 10:21:30	Instrument ID:	CVOAMS1
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.71	105.00	3634	0.426894
10.71	120.00	1608	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

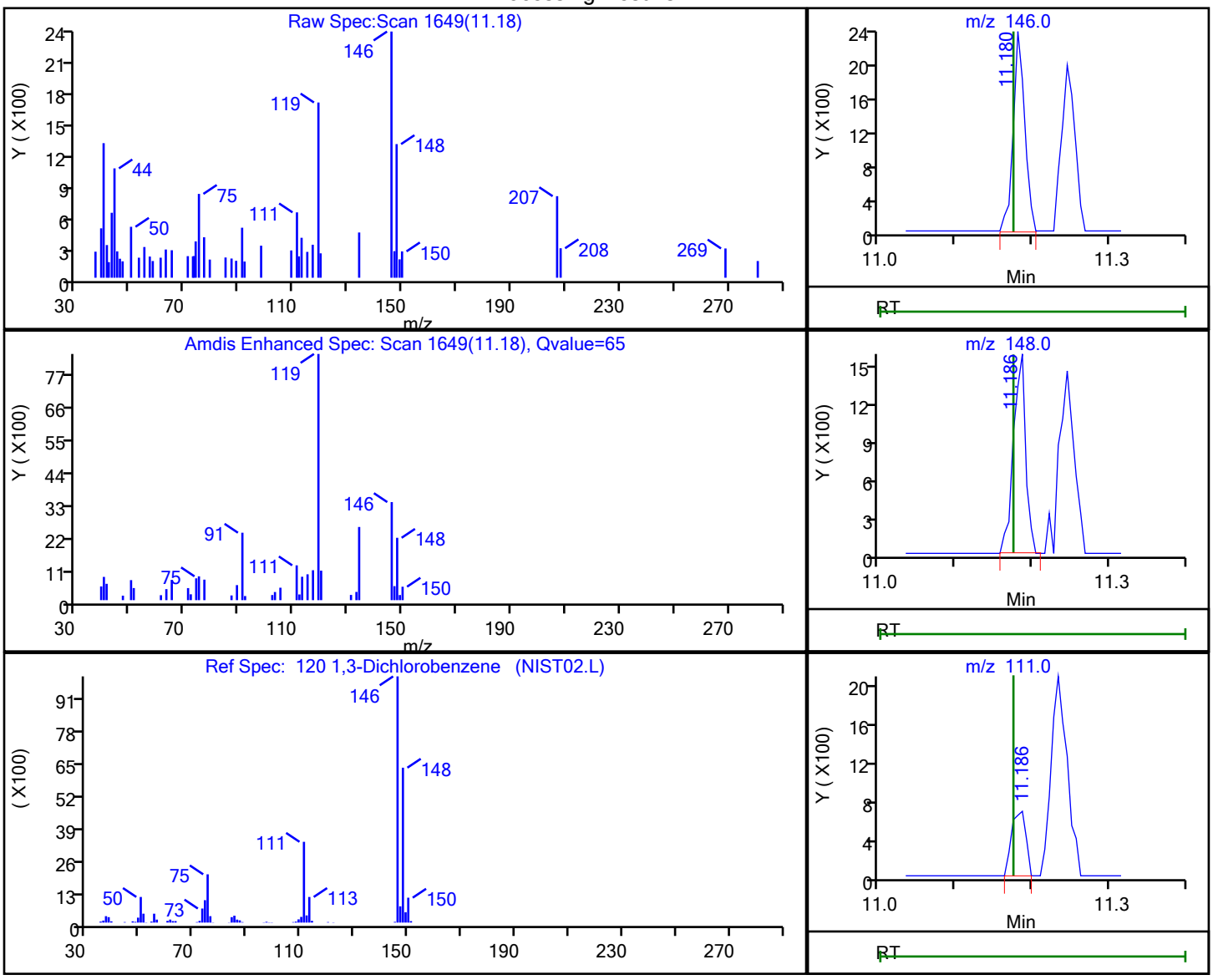
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
11.18	146.00	2491	0.498249
11.19	148.00	1721	
11.19	111.00	878	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

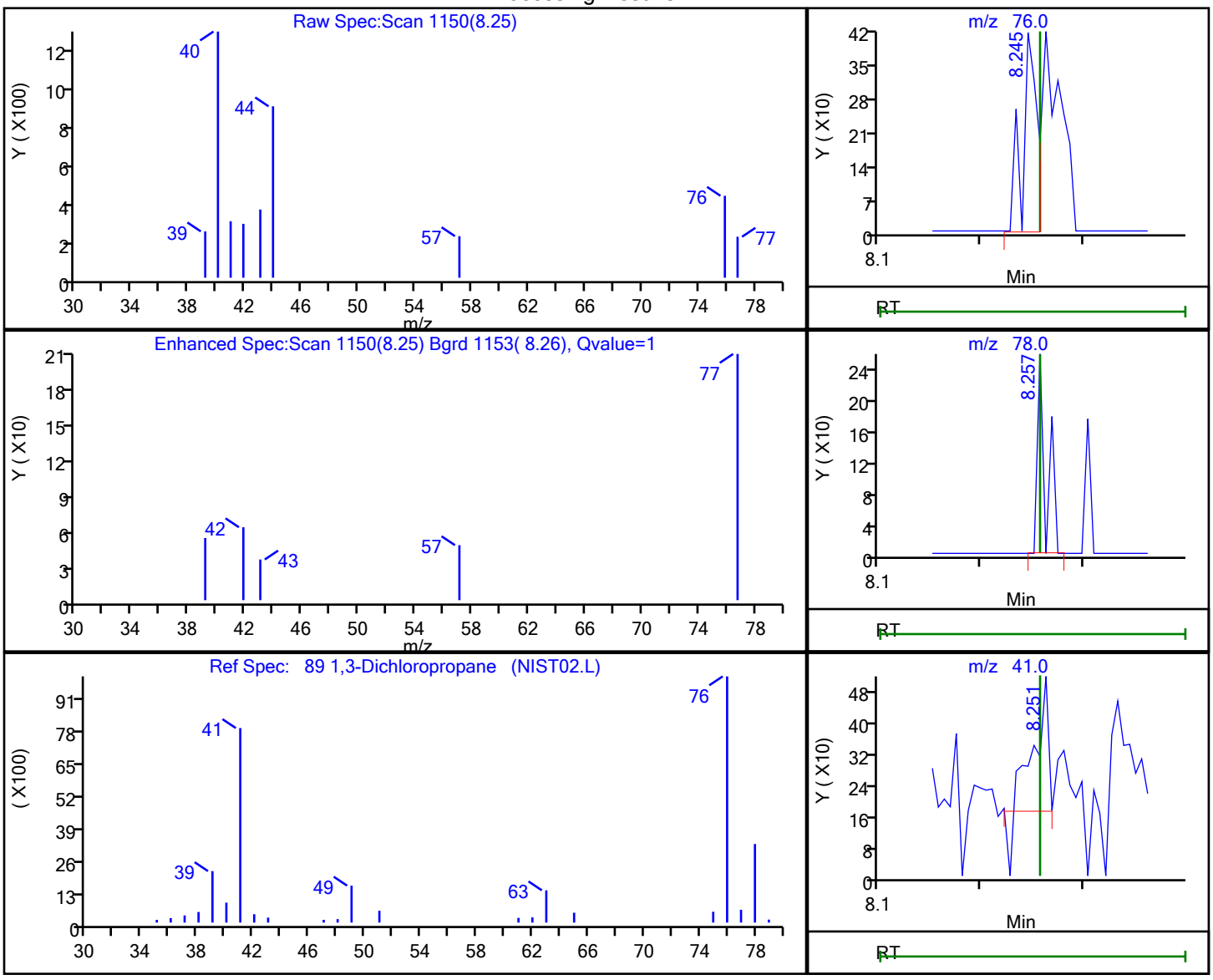
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
8.25	76.00	410	0.123465
8.26	78.00	152	
8.25	41.00	293	

Reviewer: NN6A, 14-May-2025 20:42:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

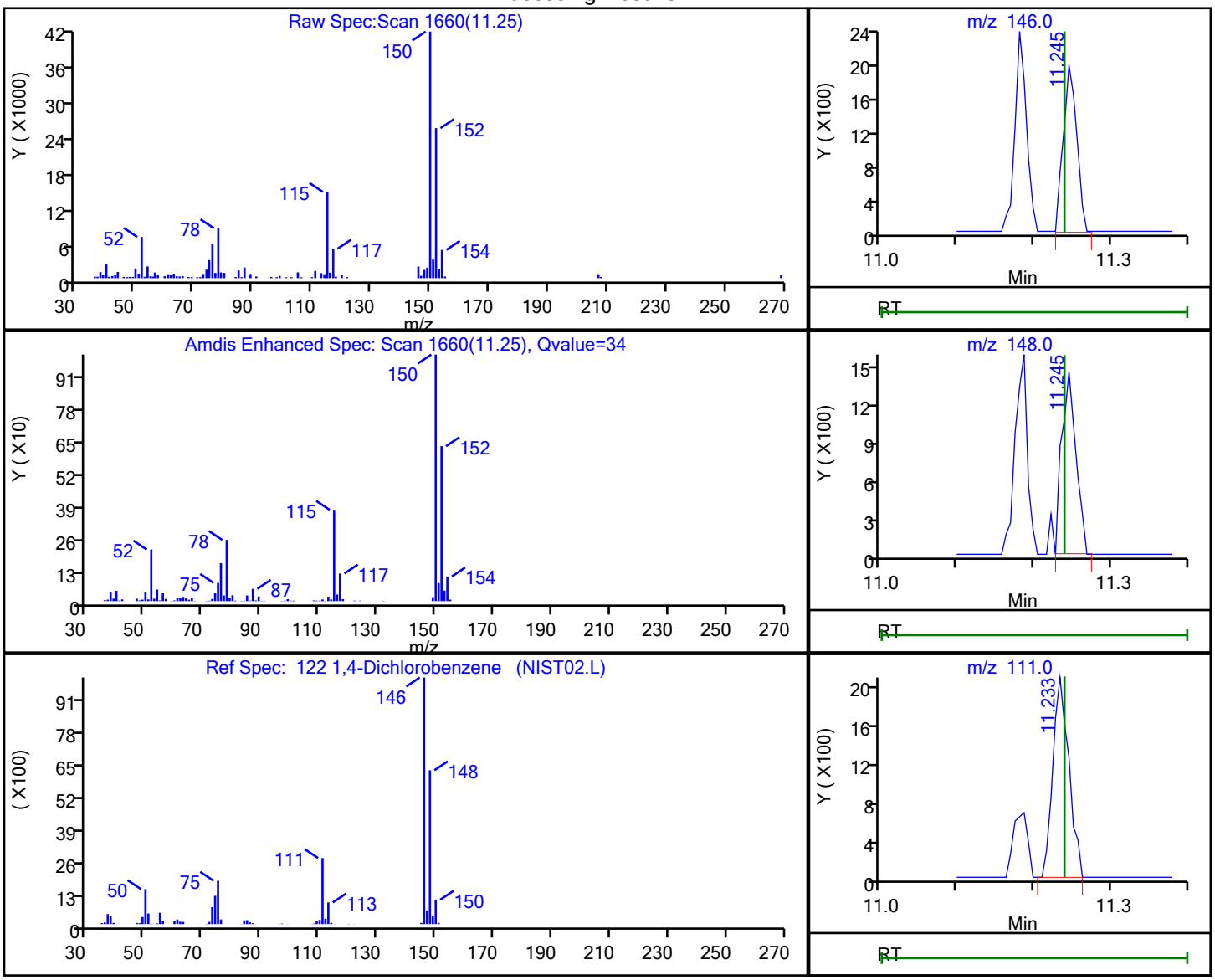
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
11.25	146.00	2415	0.483889
11.25	148.00	1831	
11.23	111.00	3034	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

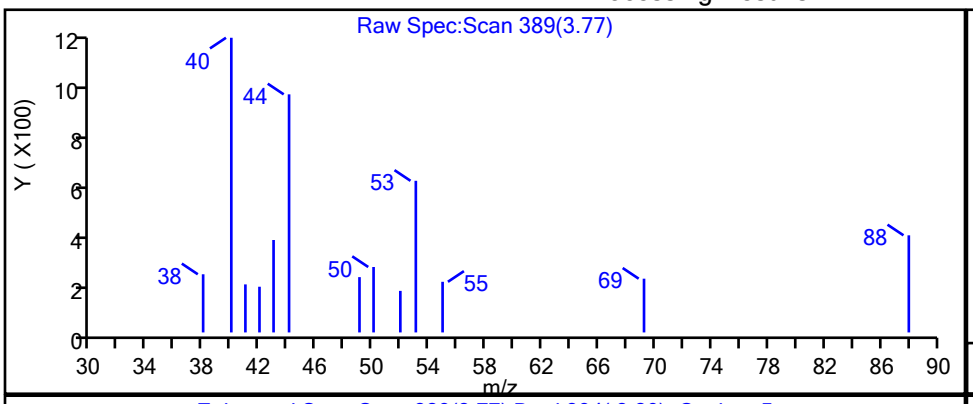
User Disabled Compound Report

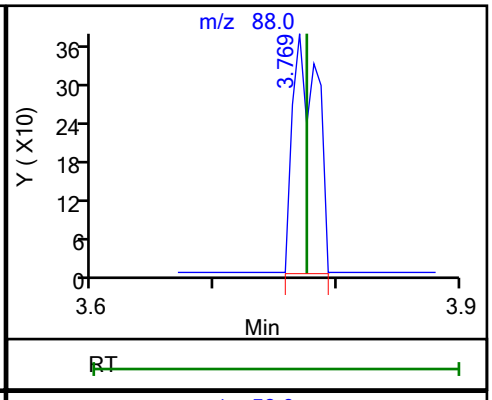
Eurofins Edison

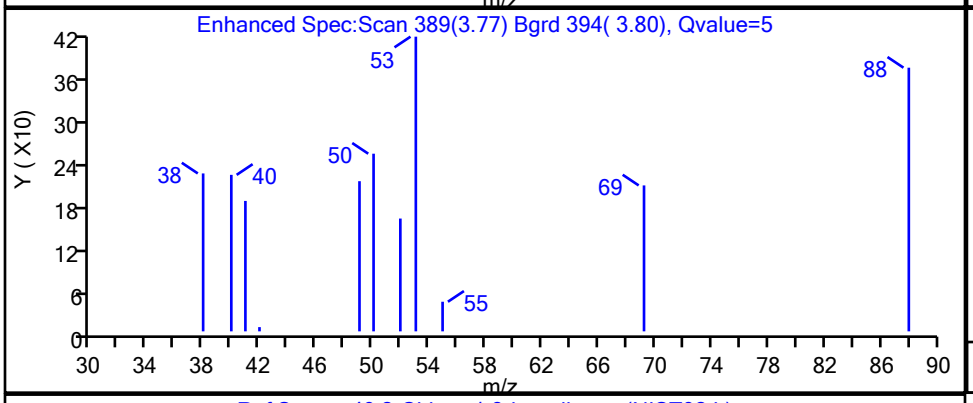
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

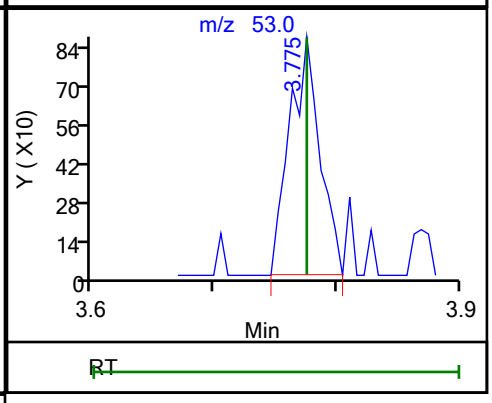
40 2-Chloro-1,3-butadiene, CAS: 126-99-8

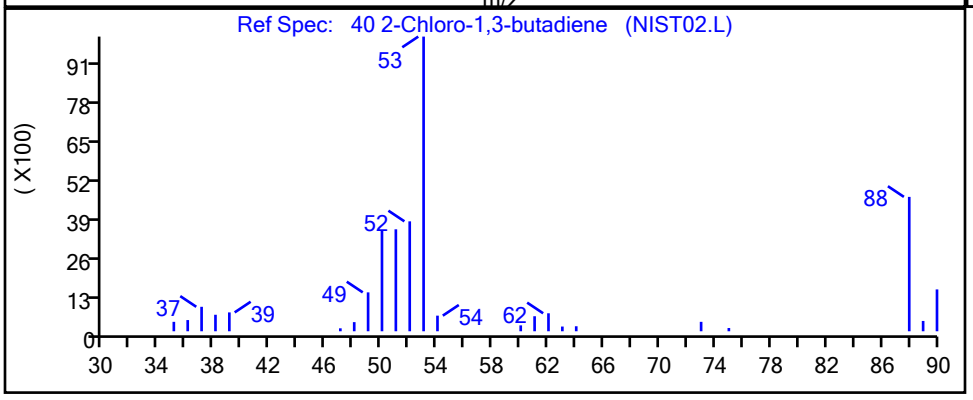
Processing Results











RT	Mass	Response	Amount
3.77	88.00	525	0.206406
3.78	53.00	1507	

Reviewer: NN6A, 14-May-2025 20:42:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

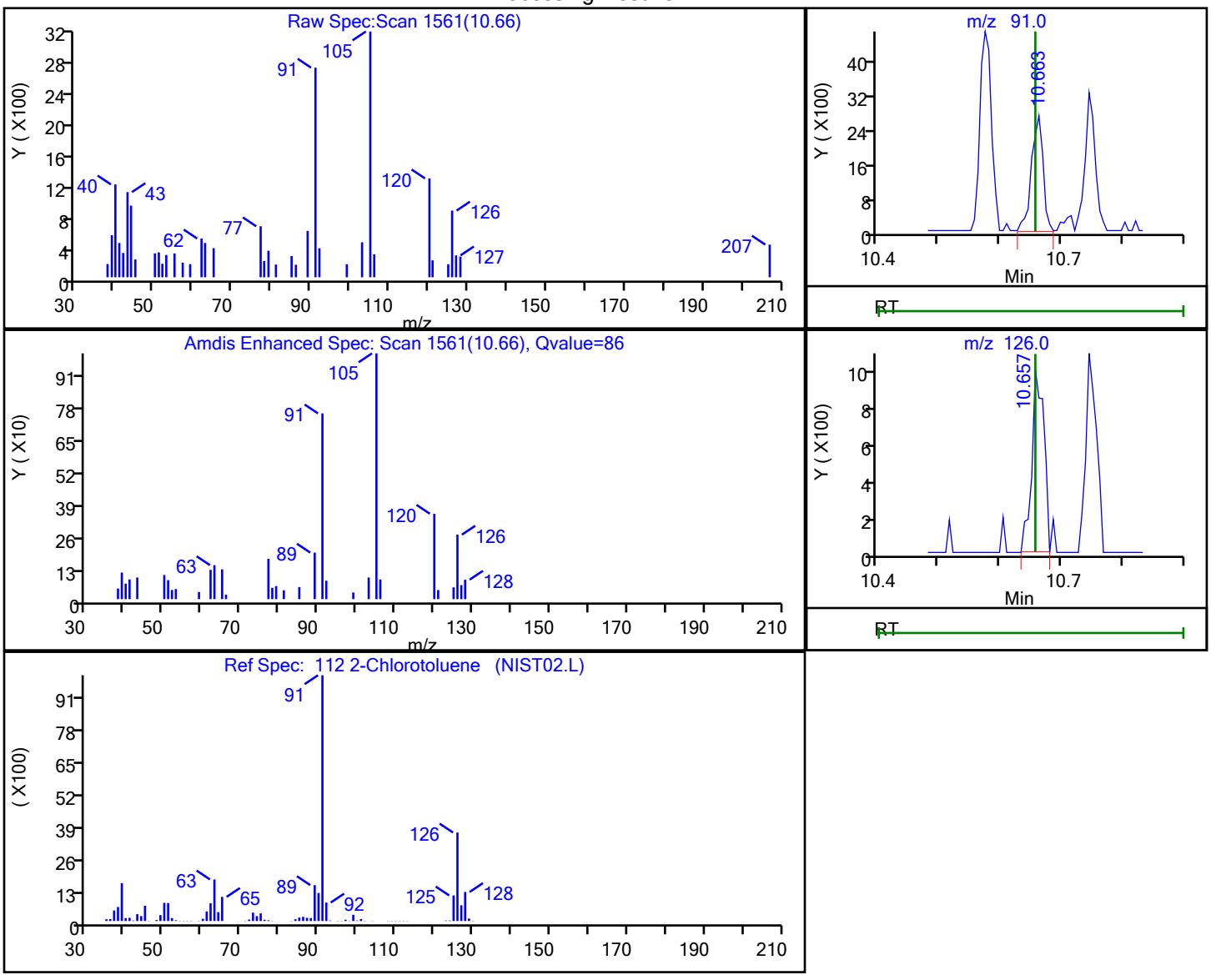
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

112 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
10.66	91.00	3523	0.388495
10.66	126.00	1403	

Reviewer: NN6A, 14-May-2025 20:43:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

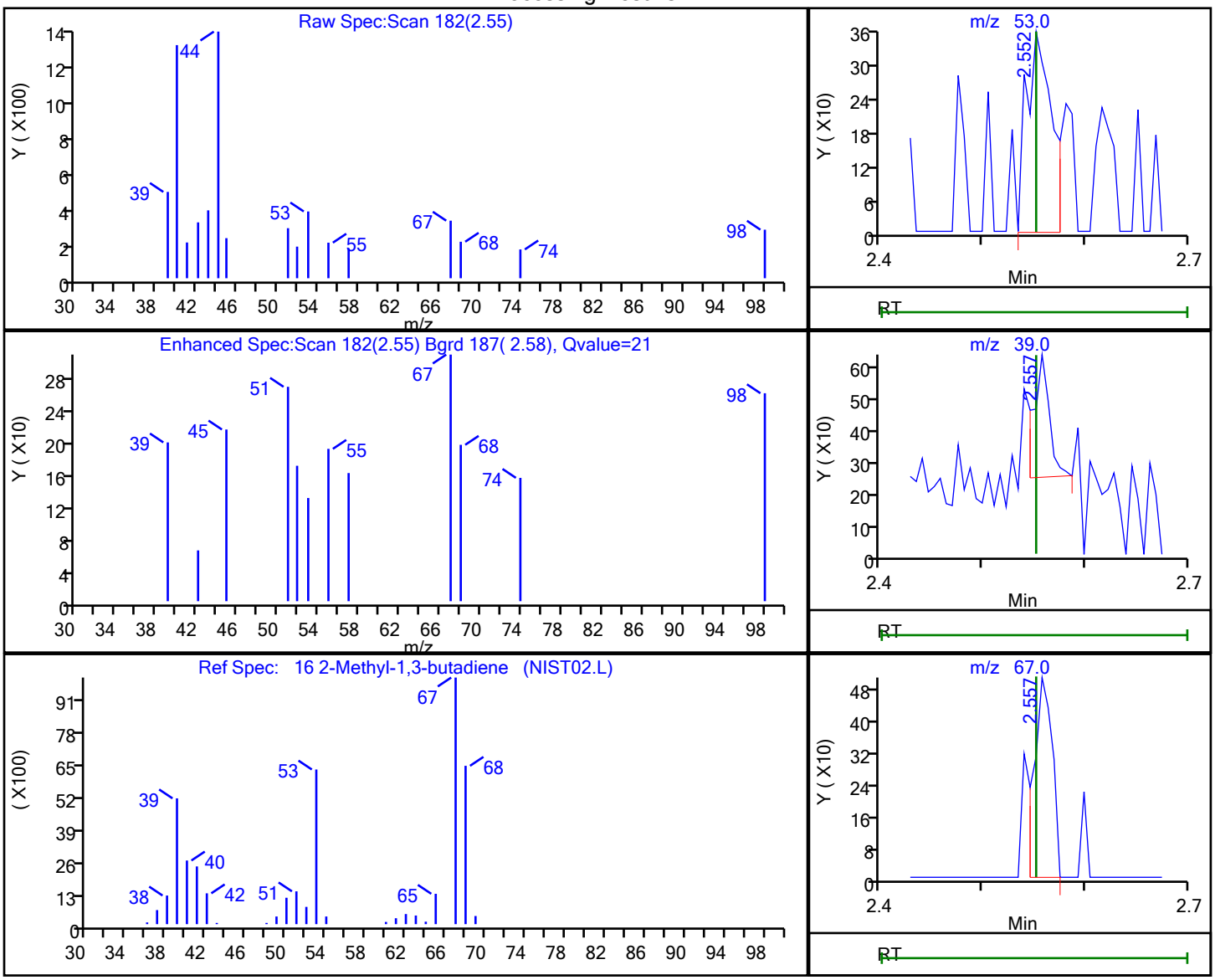
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.55	53.00	613	0.254505
2.56	39.00	412	
2.56	67.00	623	

Reviewer: NN6A, 14-May-2025 20:42:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

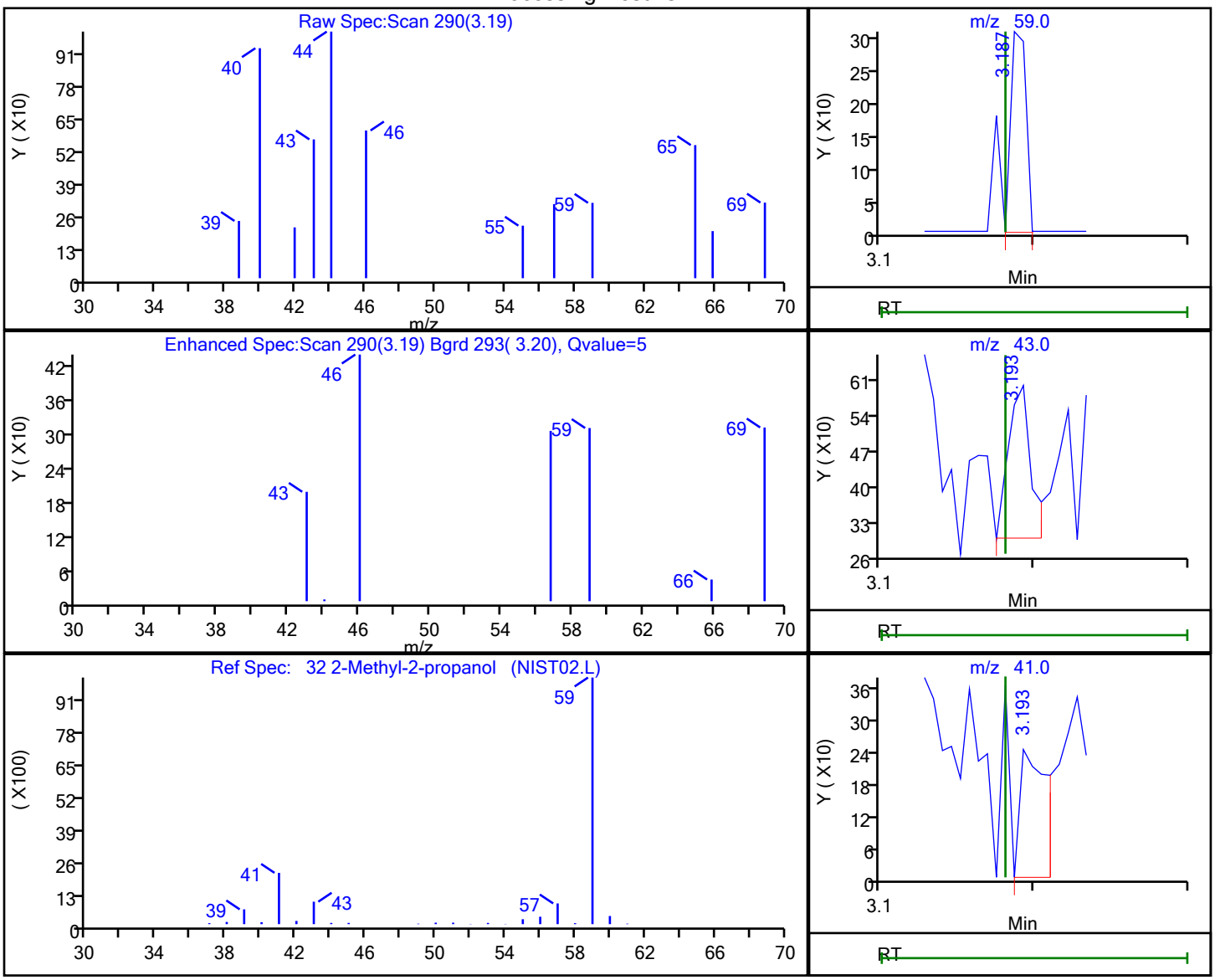
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
3.19	59.00	209	1.340906
3.19	43.00	310	
3.19	41.00	298	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

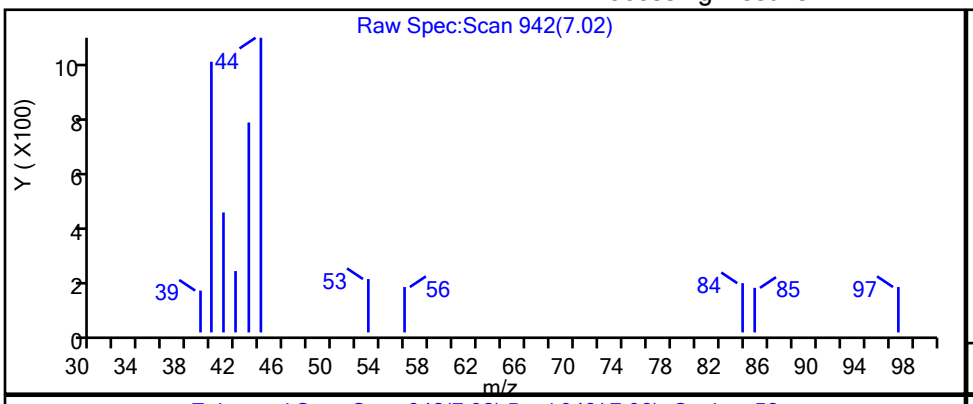
User Disabled Compound Report

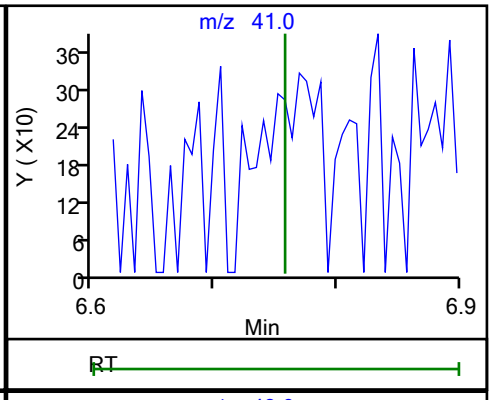
Eurofins Edison

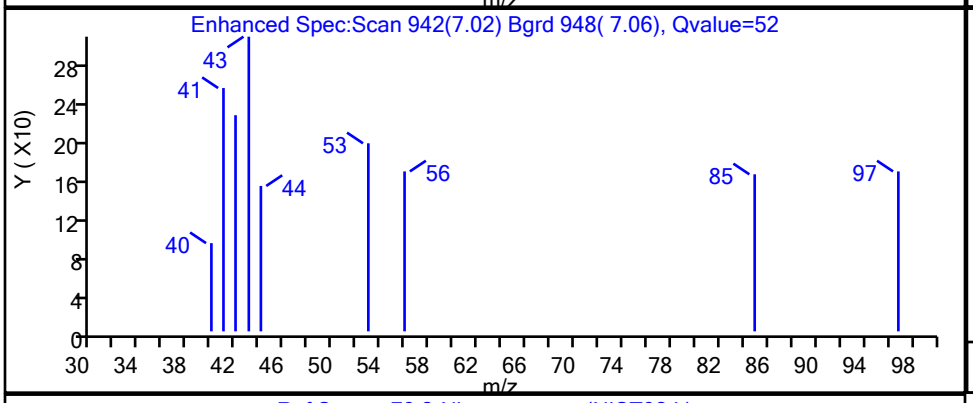
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

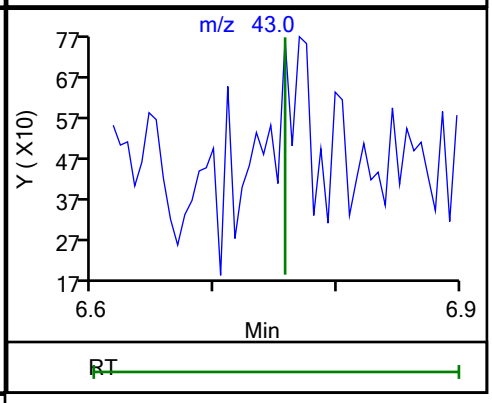
79 2-Nitropropane, CAS: 79-46-9

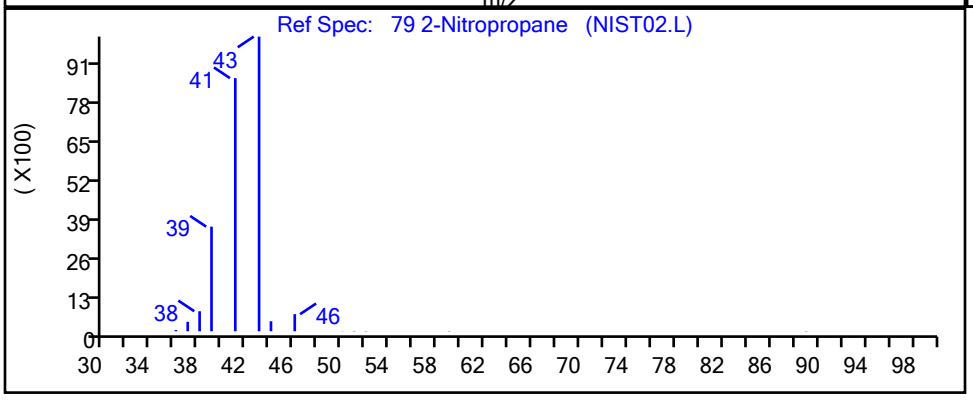
Processing Results











RT	Mass	Response	Amount
7.02	41.00	473	1.163678
7.02	43.00	864	

Reviewer: NN6A, 14-May-2025 20:42:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

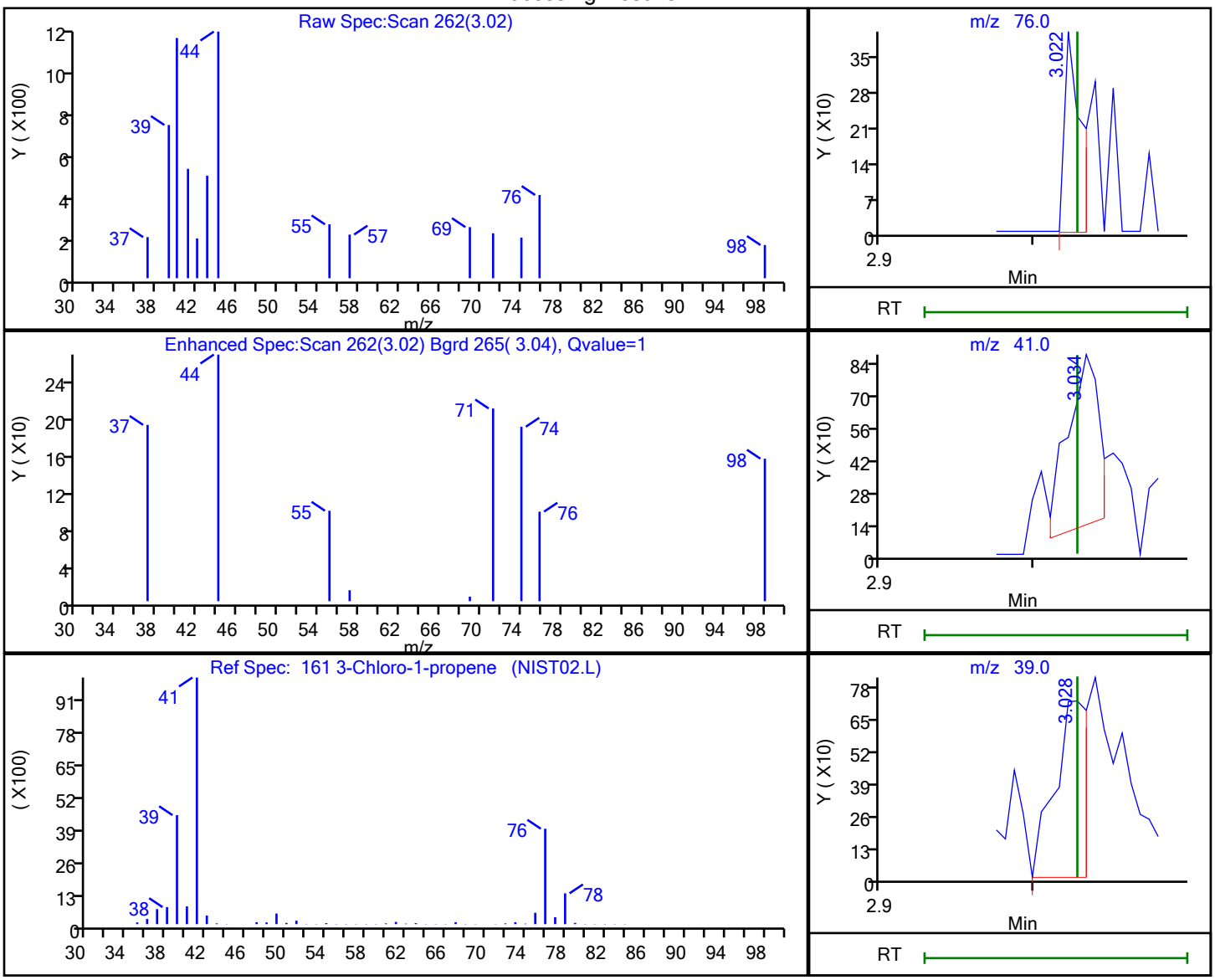
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

161 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.02	76.00	288	0.166027
3.03	41.00	1090	
3.03	39.00	1088	

Reviewer: NN6A, 14-May-2025 20:42:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

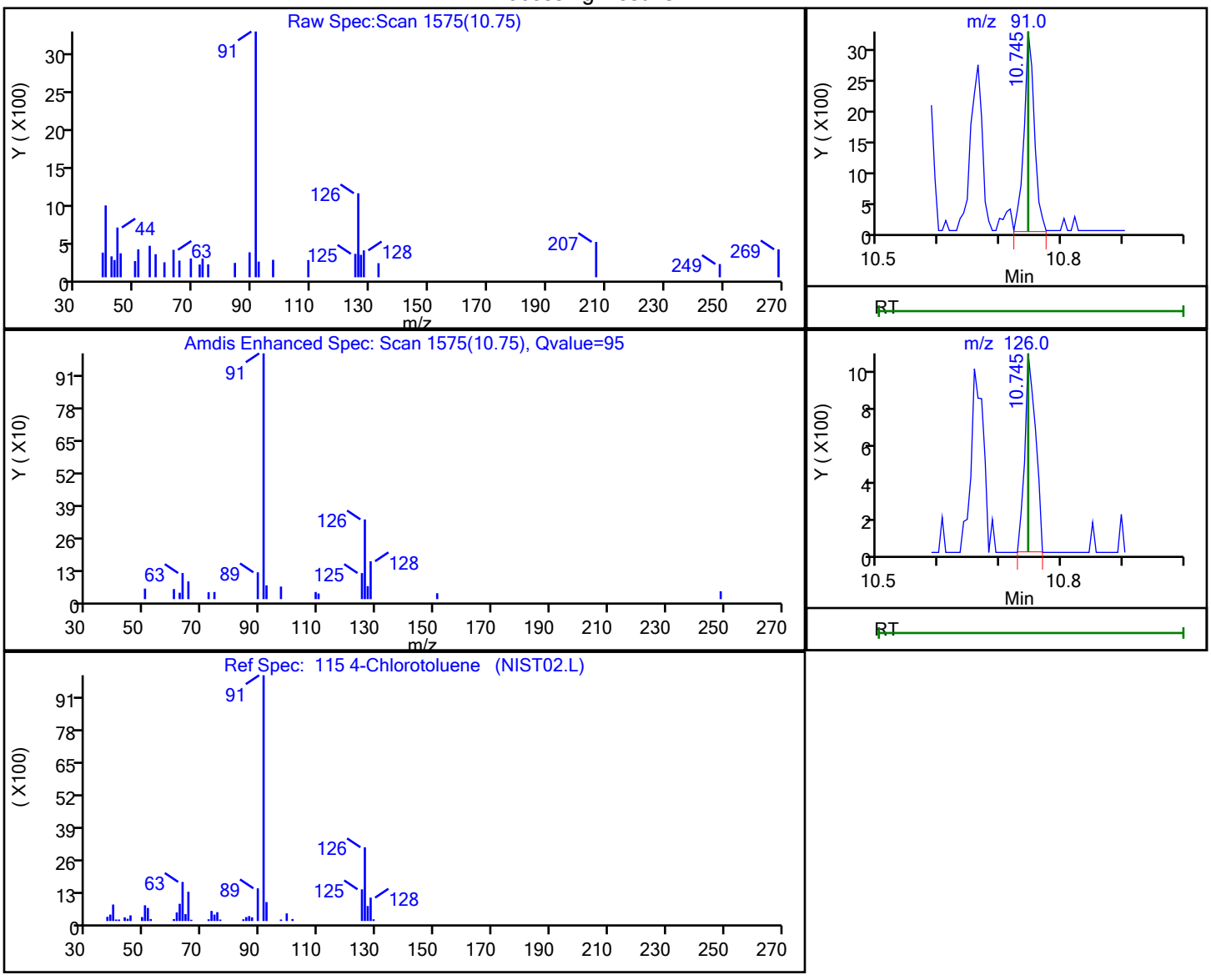
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.75	91.00	3733	0.456579
10.75	126.00	1338	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

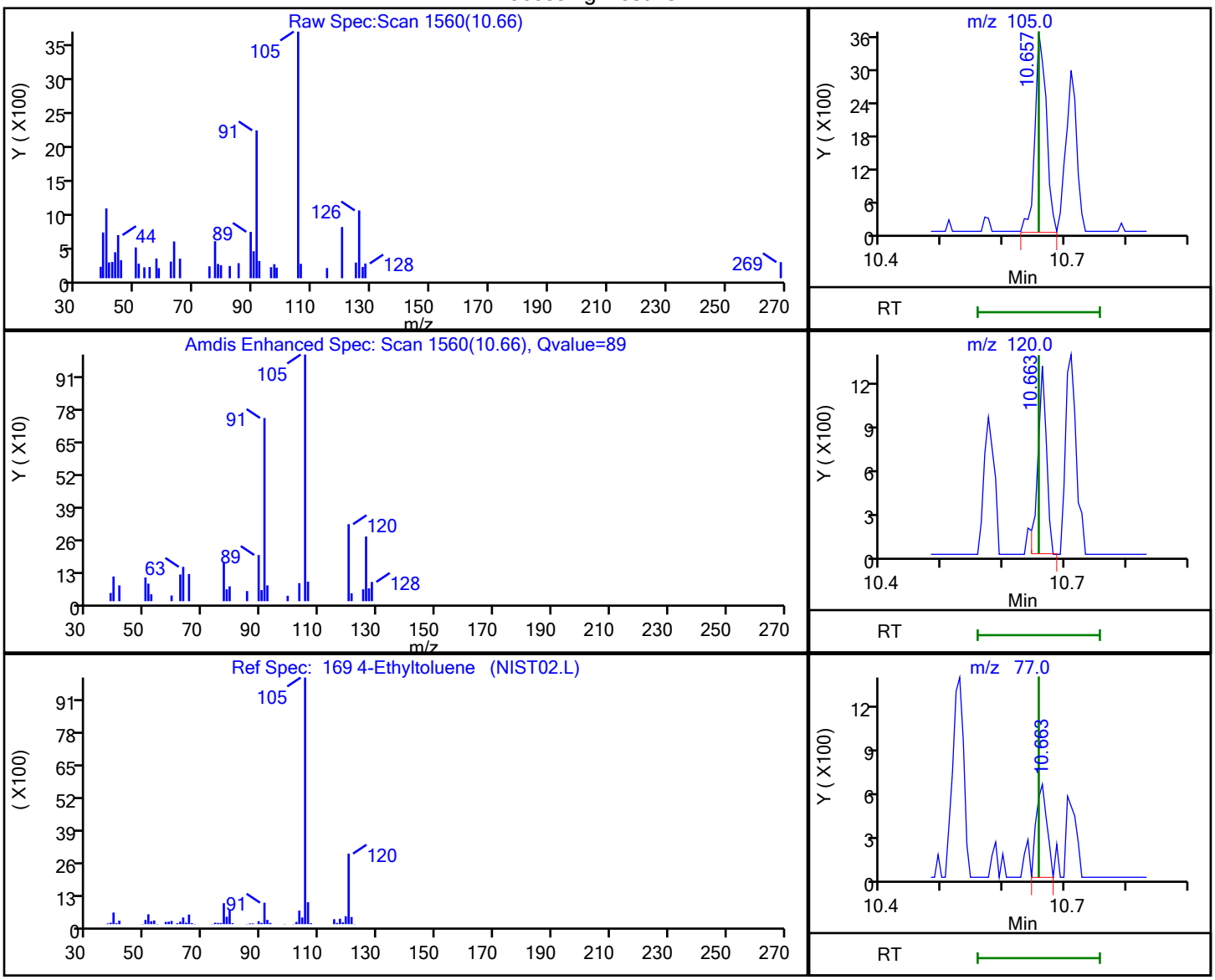
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

169 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.66	105.00	4684	0.443856
10.66	120.00	1228	
10.66	77.00	780	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

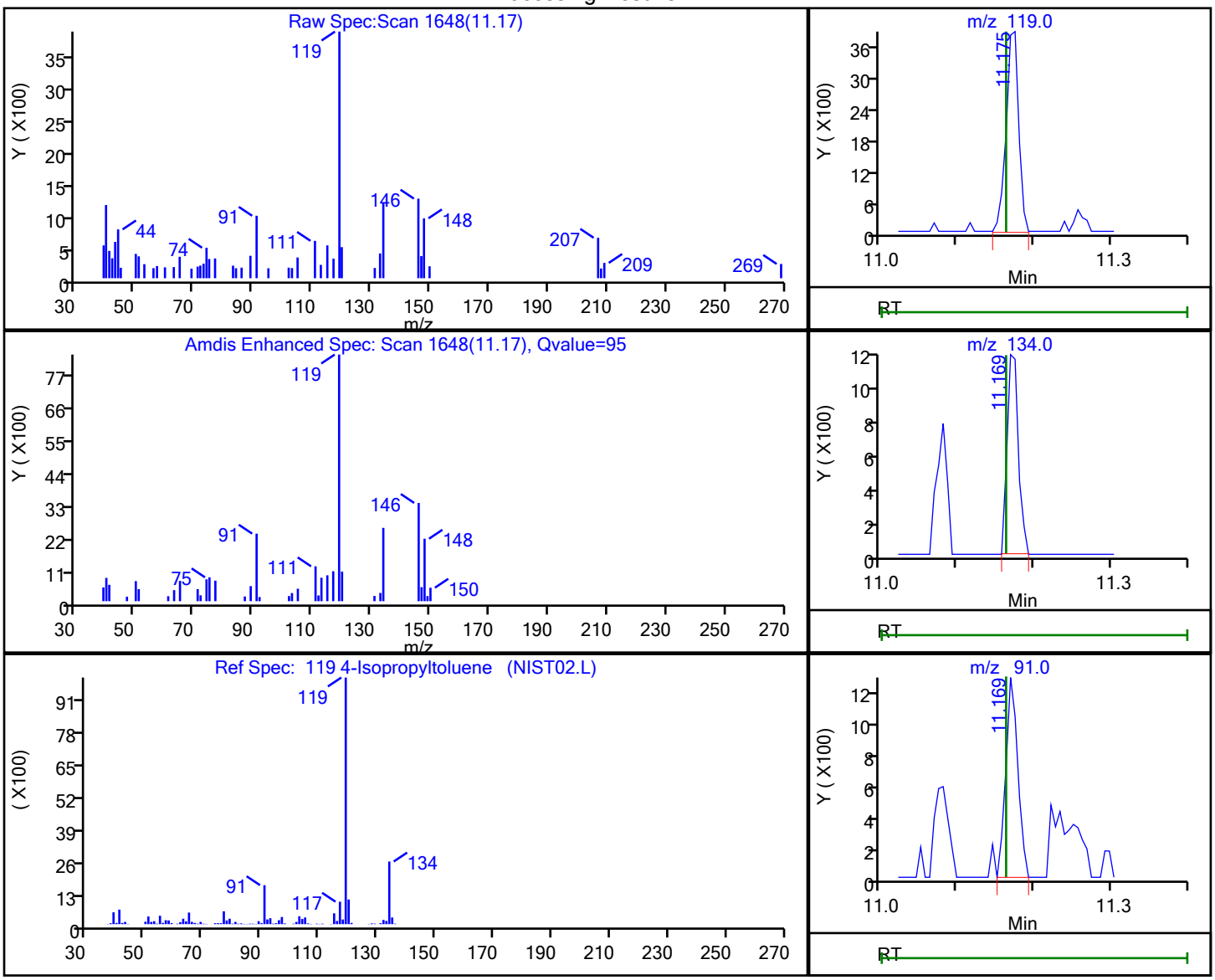
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.17	119.00	4413	0.513050
11.17	134.00	1233	
11.17	91.00	1328	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

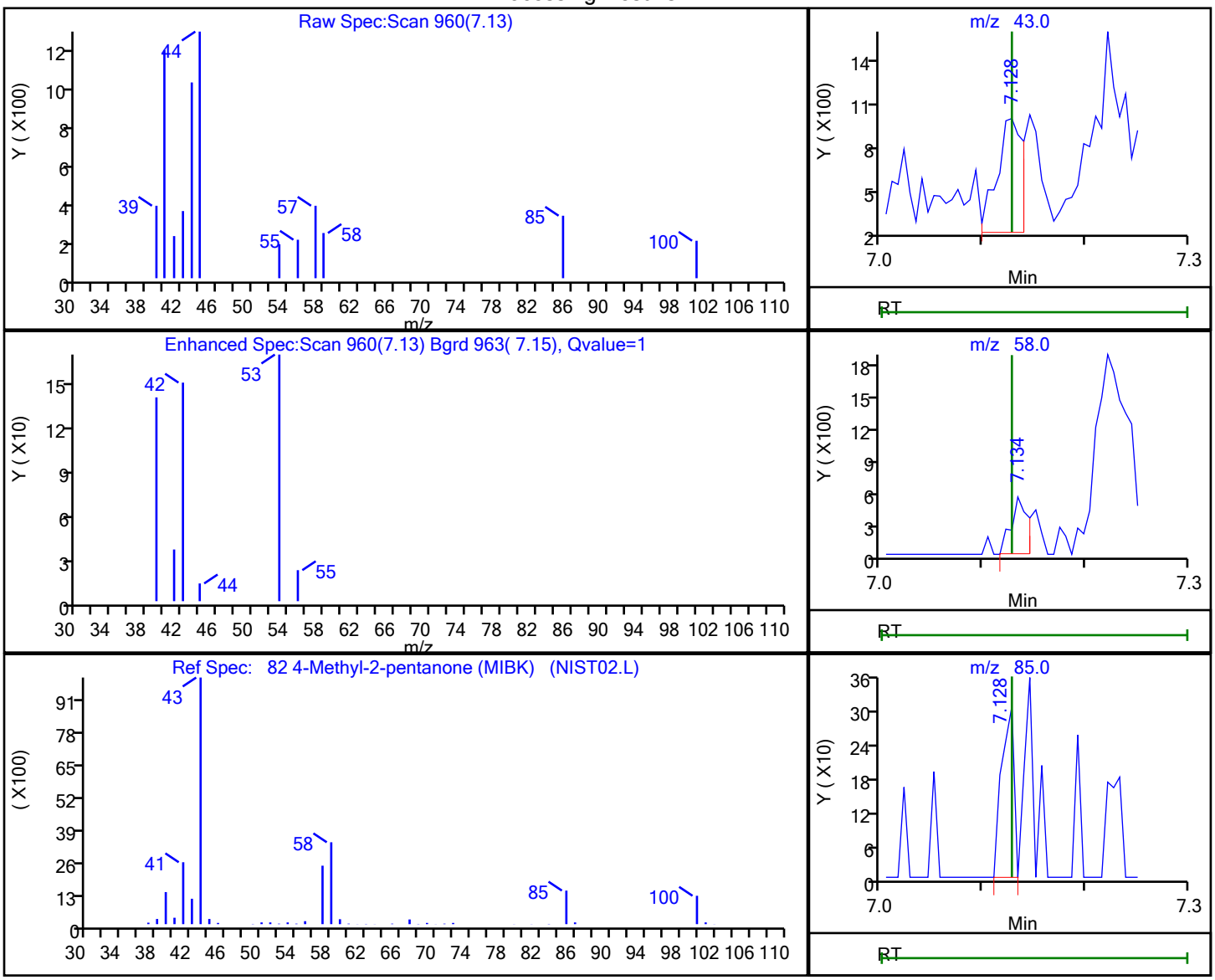
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
7.13	43.00	1278	0.867754
7.13	58.00	604	
7.13	85.00	260	
7.12	100.00	299	

Reviewer: NN6A, 14-May-2025 20:42:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

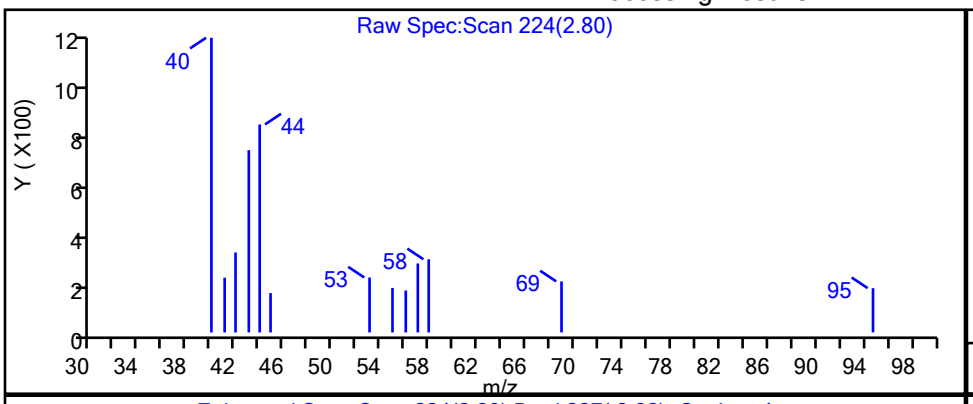
User Disabled Compound Report

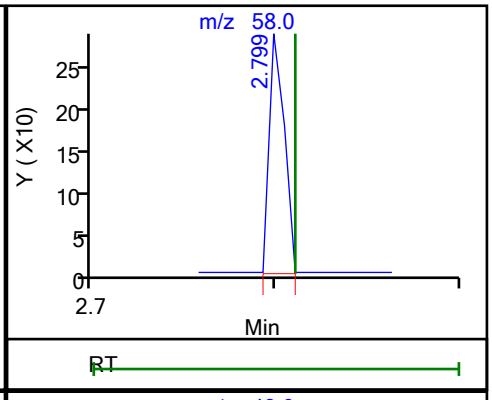
Eurofins Edison

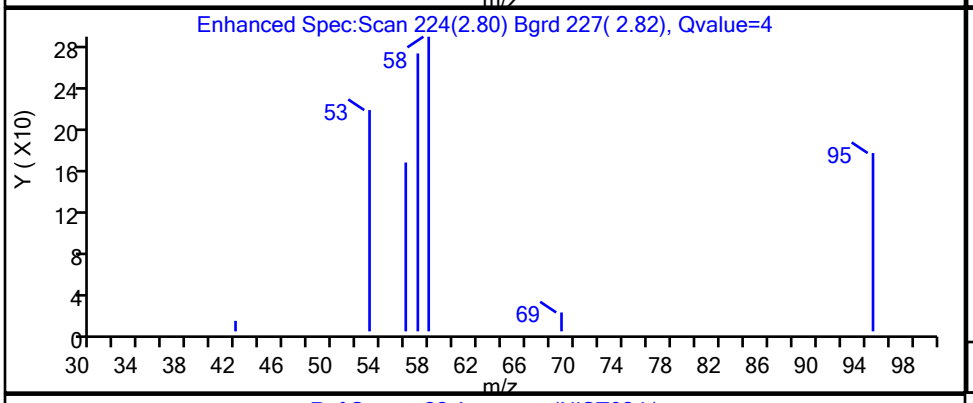
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

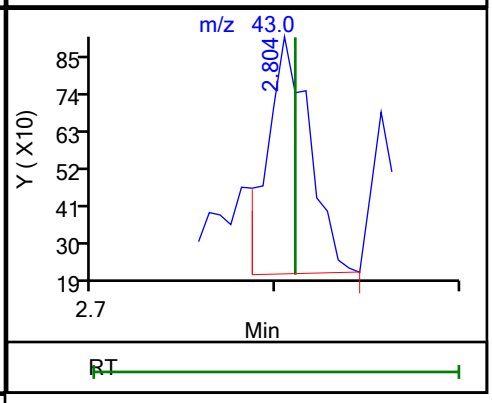
22 Acetone, CAS: 67-64-1

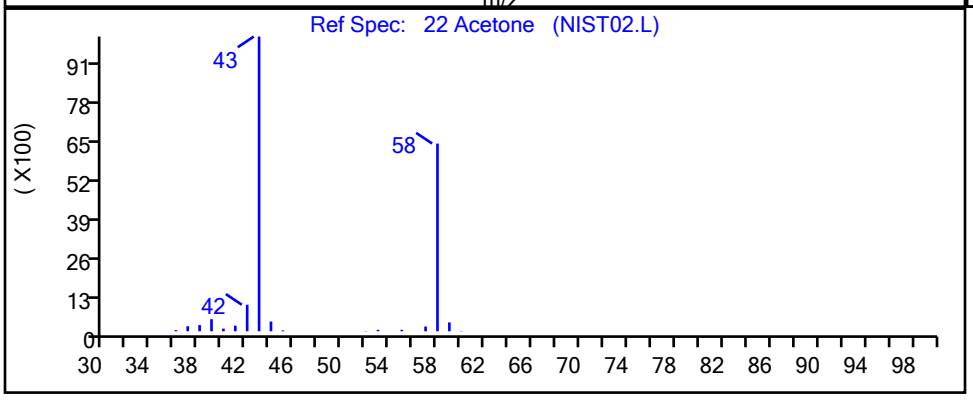
Processing Results











RT	Mass	Response	Amount
2.80	58.00	160	1.069936
2.80	43.00	1165	

Reviewer: NN6A, 14-May-2025 20:42:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

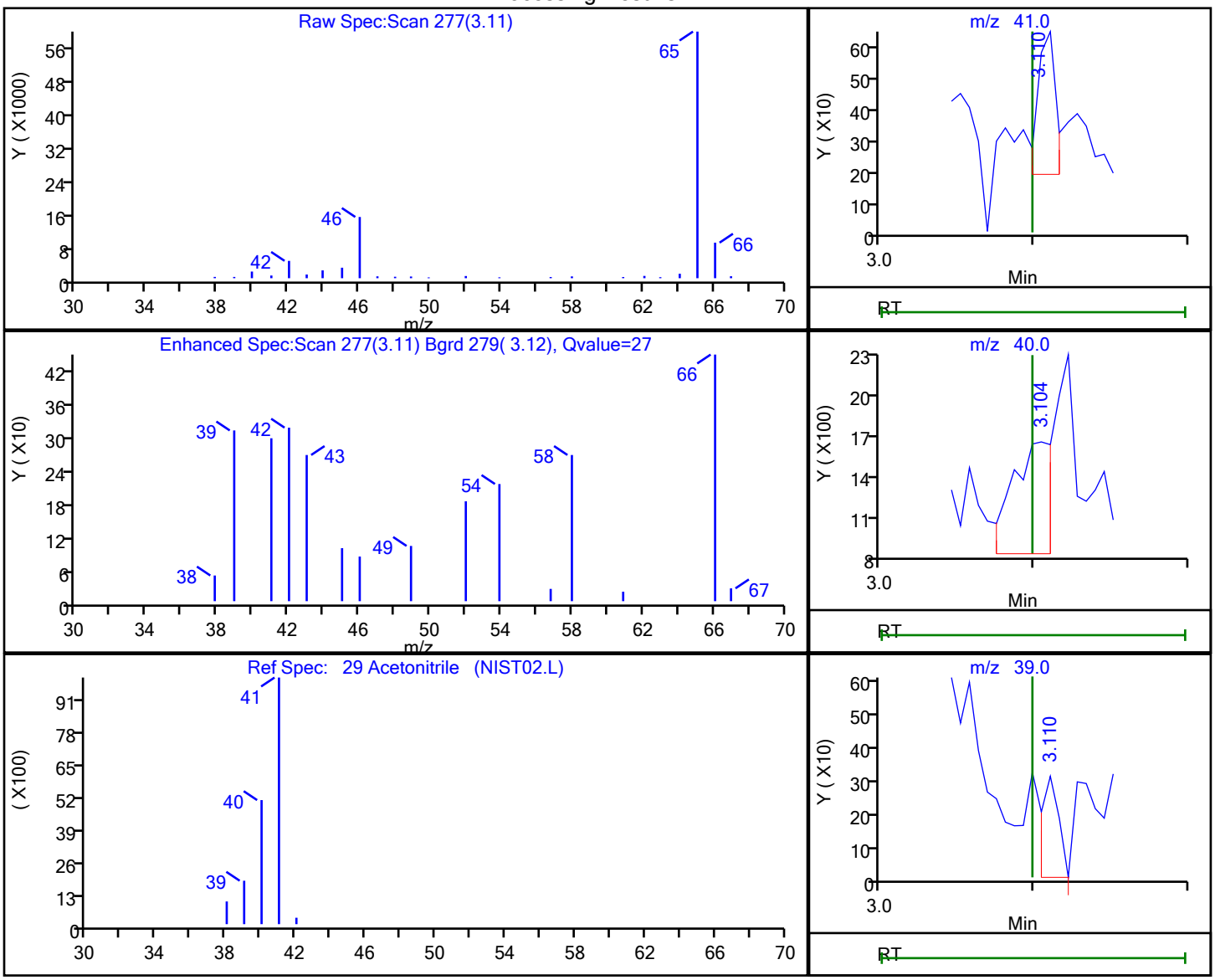
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.11	41.00	375	1.712942
3.10	40.00	1344	
3.11	39.00	241	
3.11	38.00	304	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

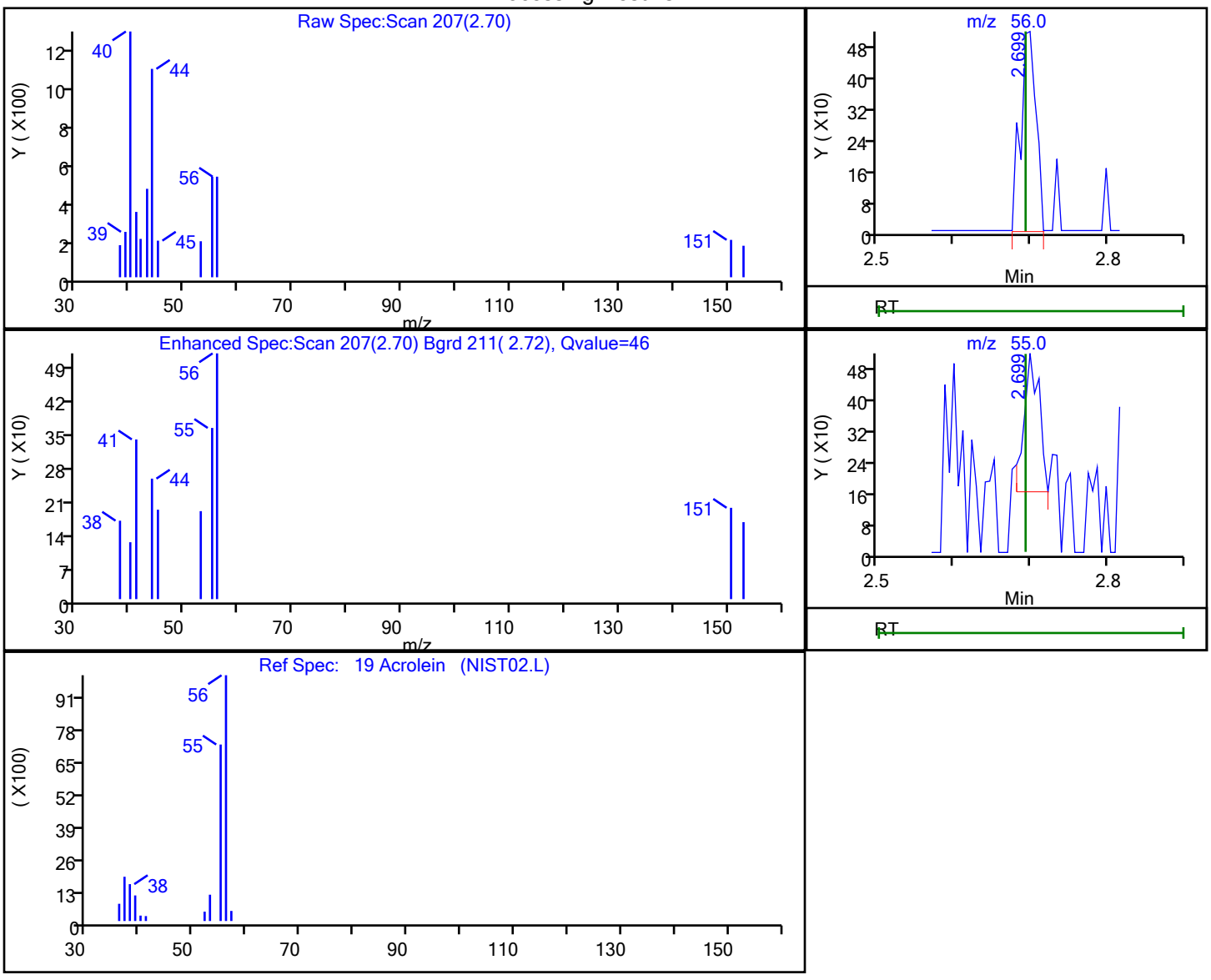
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.70	56.00	726	2.594416
2.70	55.00	495	

Reviewer: NN6A, 14-May-2025 20:42:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

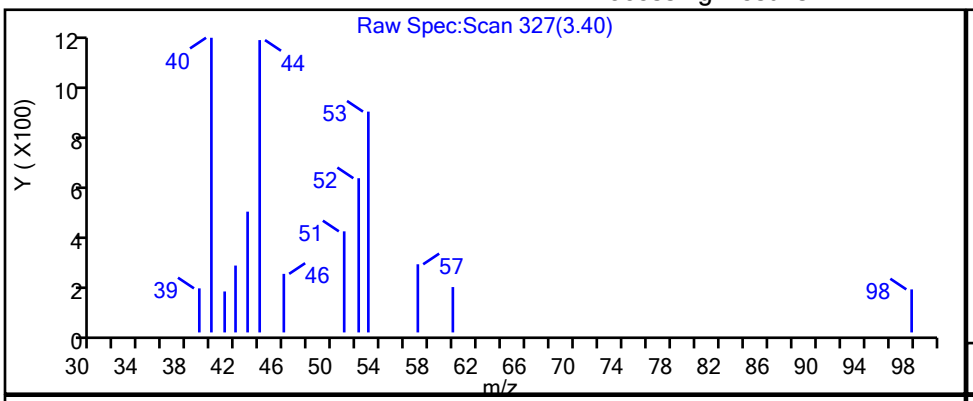
User Disabled Compound Report

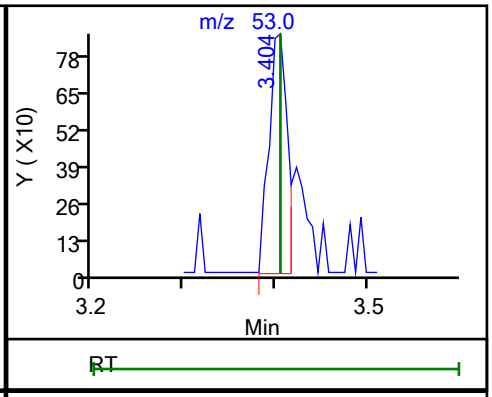
Eurofins Edison

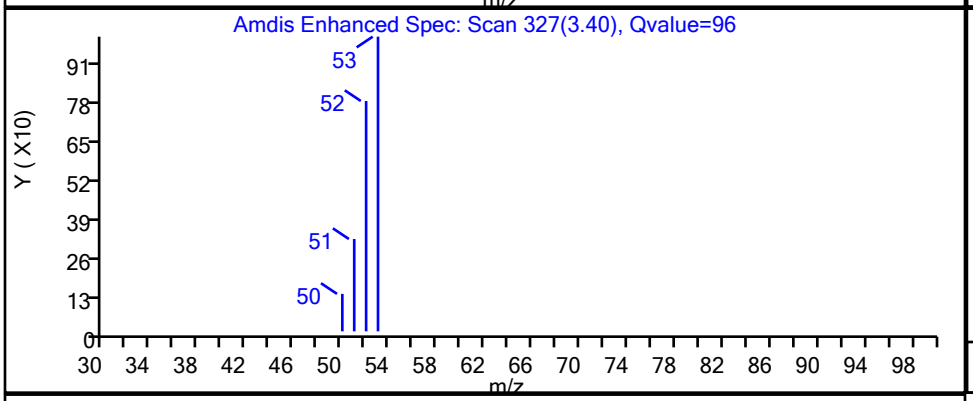
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

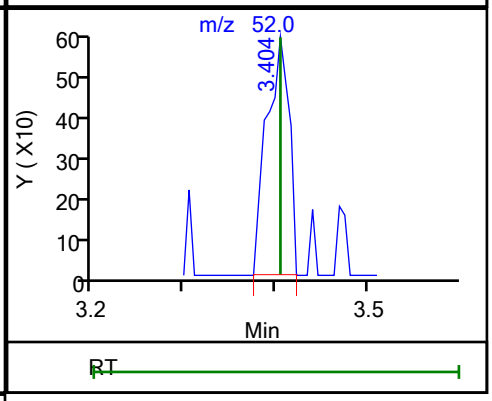
35 Acrylonitrile, CAS: 107-13-1

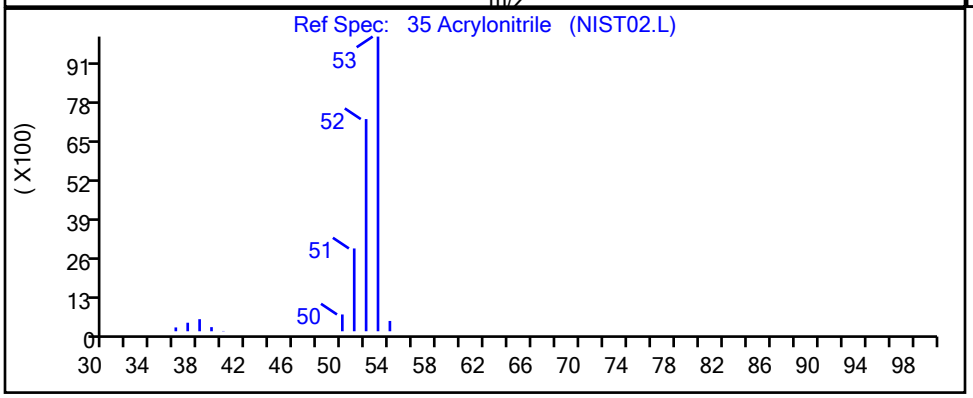
Processing Results











RT	Mass	Response	Amount
3.40	53.00	1189	2.128818
3.40	52.00	1016	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

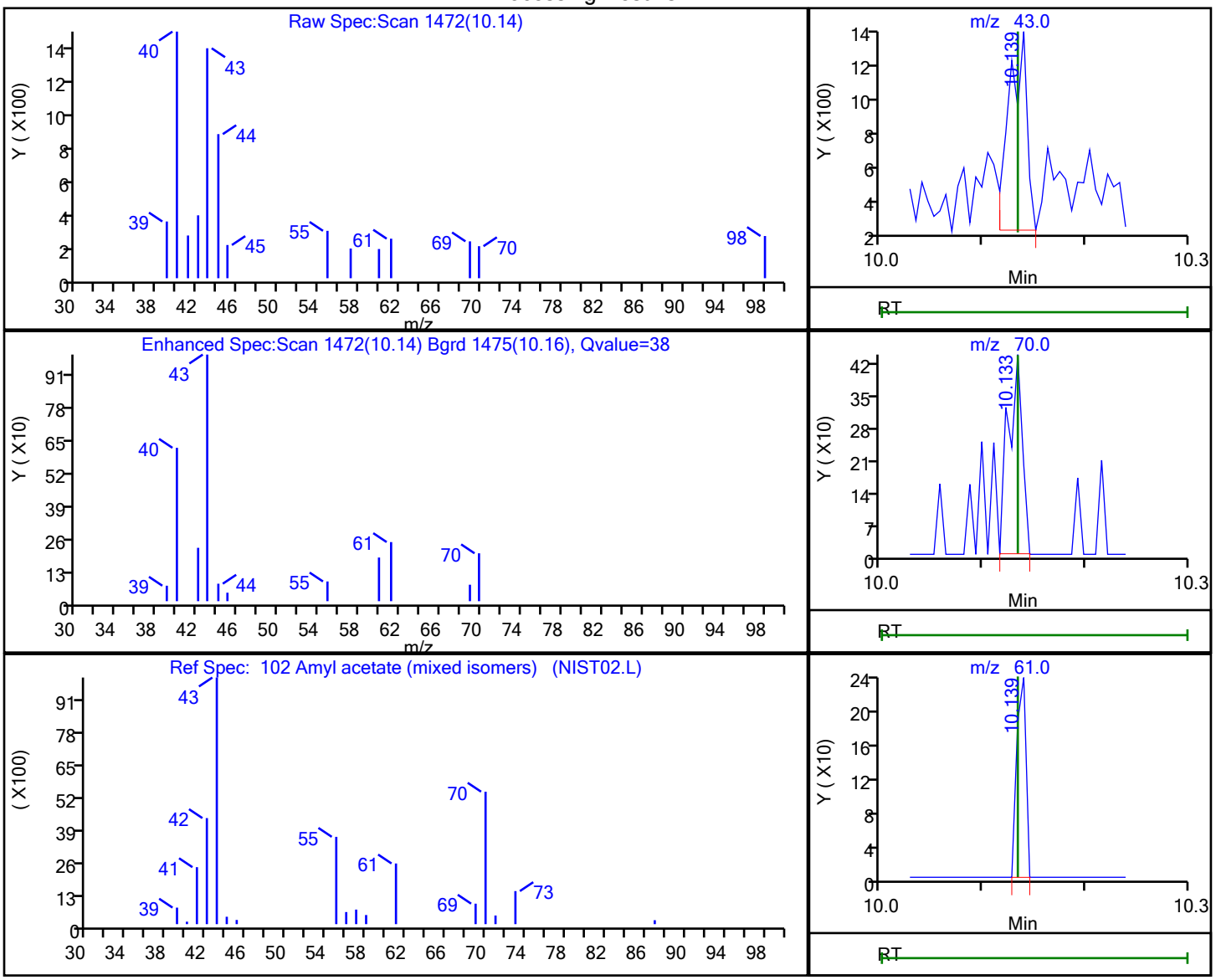
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D				
Injection Date:	14-May-2025 10:21:30	Instrument ID:	CVOAMS1		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
10.14	43.00	1387	0.484748
10.13	70.00	413	
10.14	61.00	149	

Reviewer: NN6A, 14-May-2025 20:43:27 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

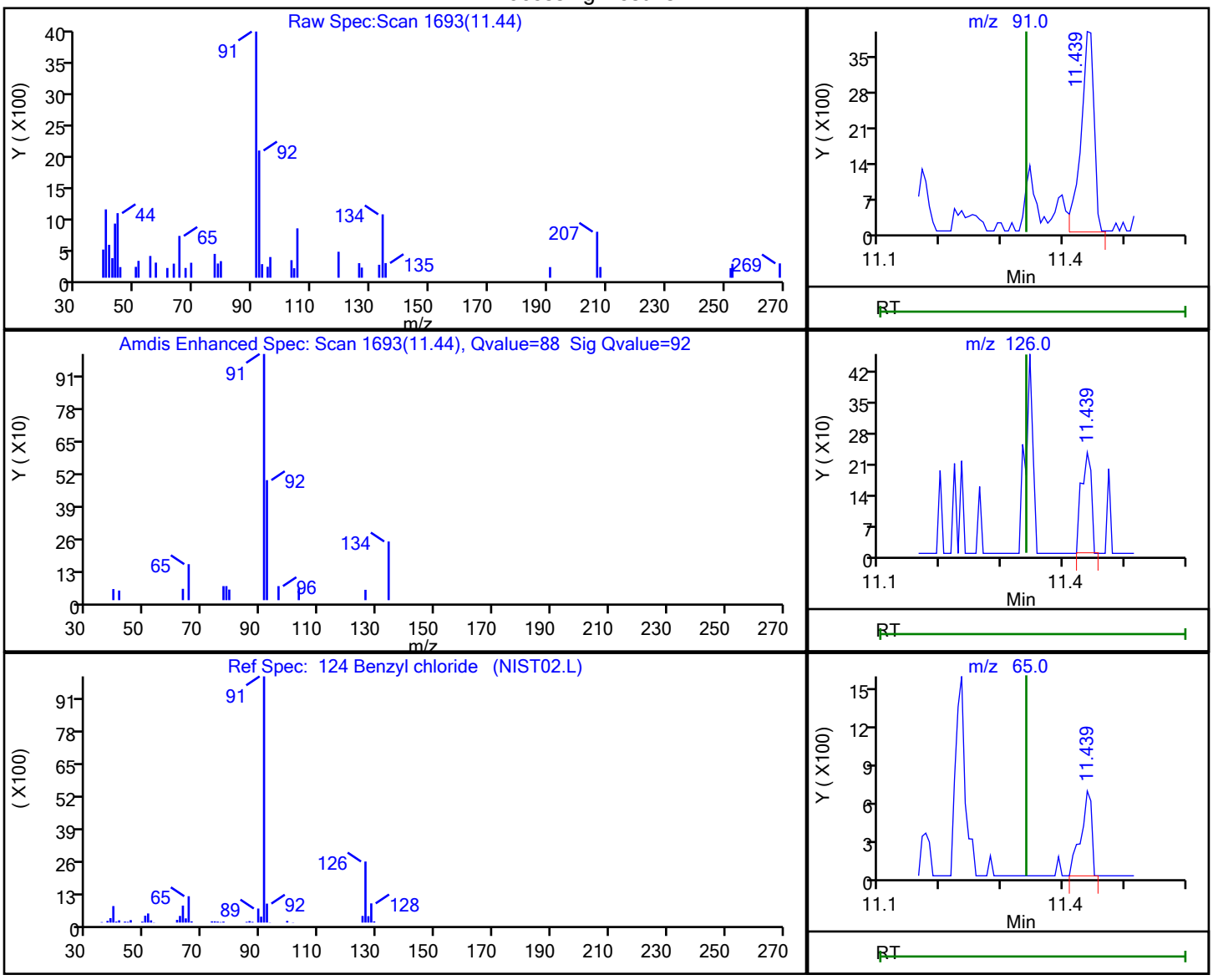
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
11.44	91.00	5757	1.455843
11.44	126.00	263	
11.44	65.00	814	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

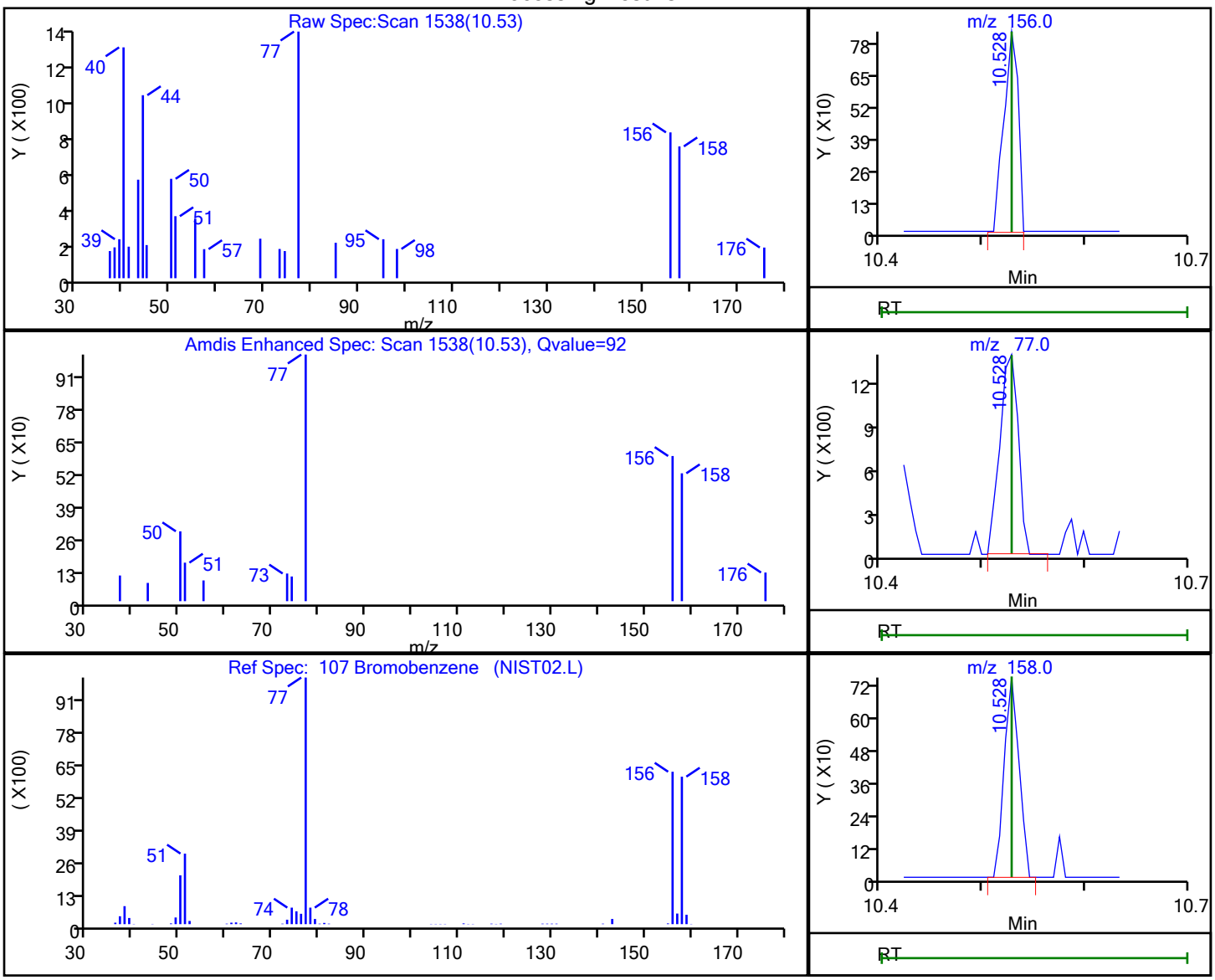
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
10.53	156.00	803	0.264174
10.53	77.00	1751	
10.53	158.00	747	

Reviewer: NN6A, 14-May-2025 20:43:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

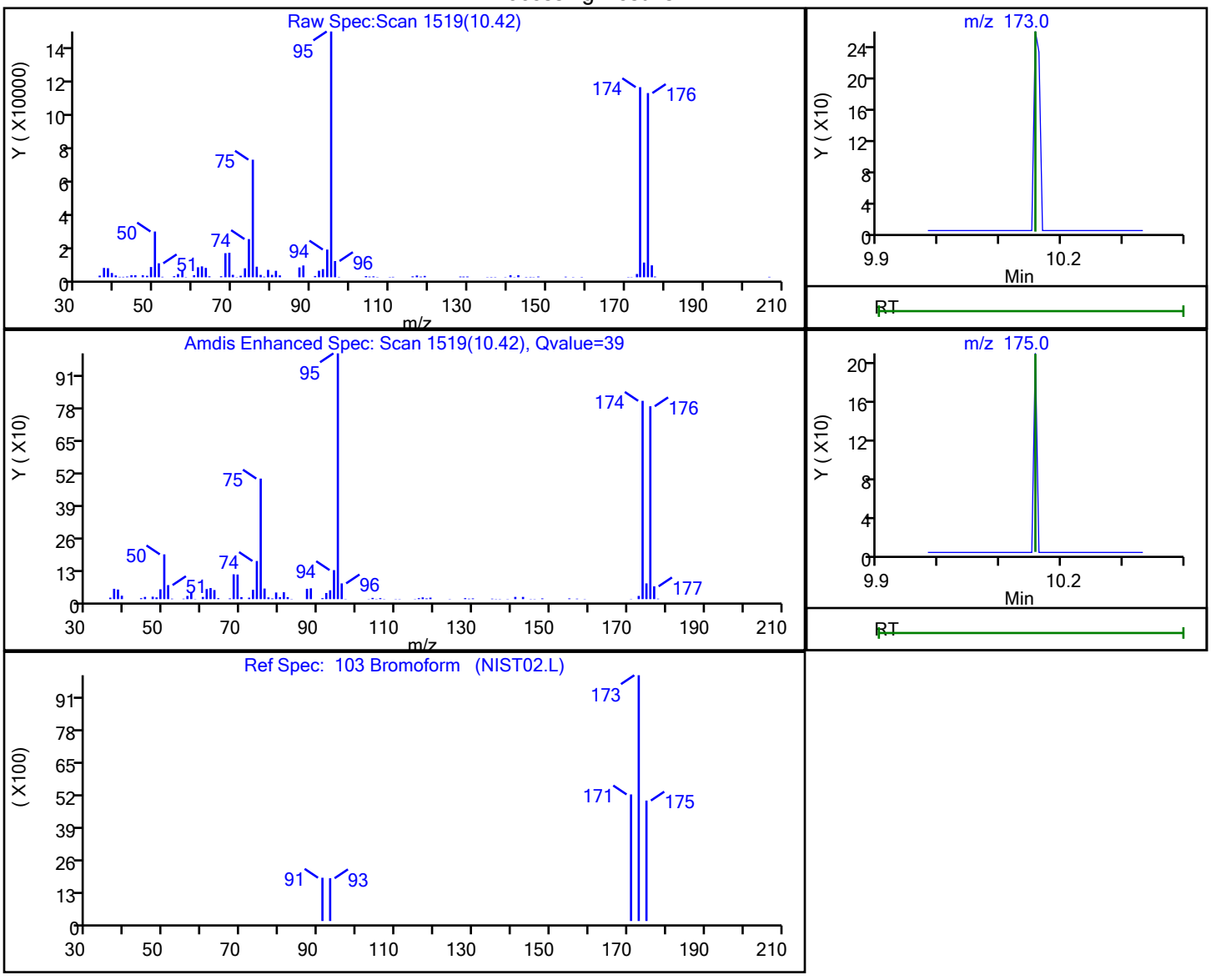
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
10.42	173.00	2380	0.838688
10.42	175.00	11010	

Reviewer: NN6A, 14-May-2025 20:43:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

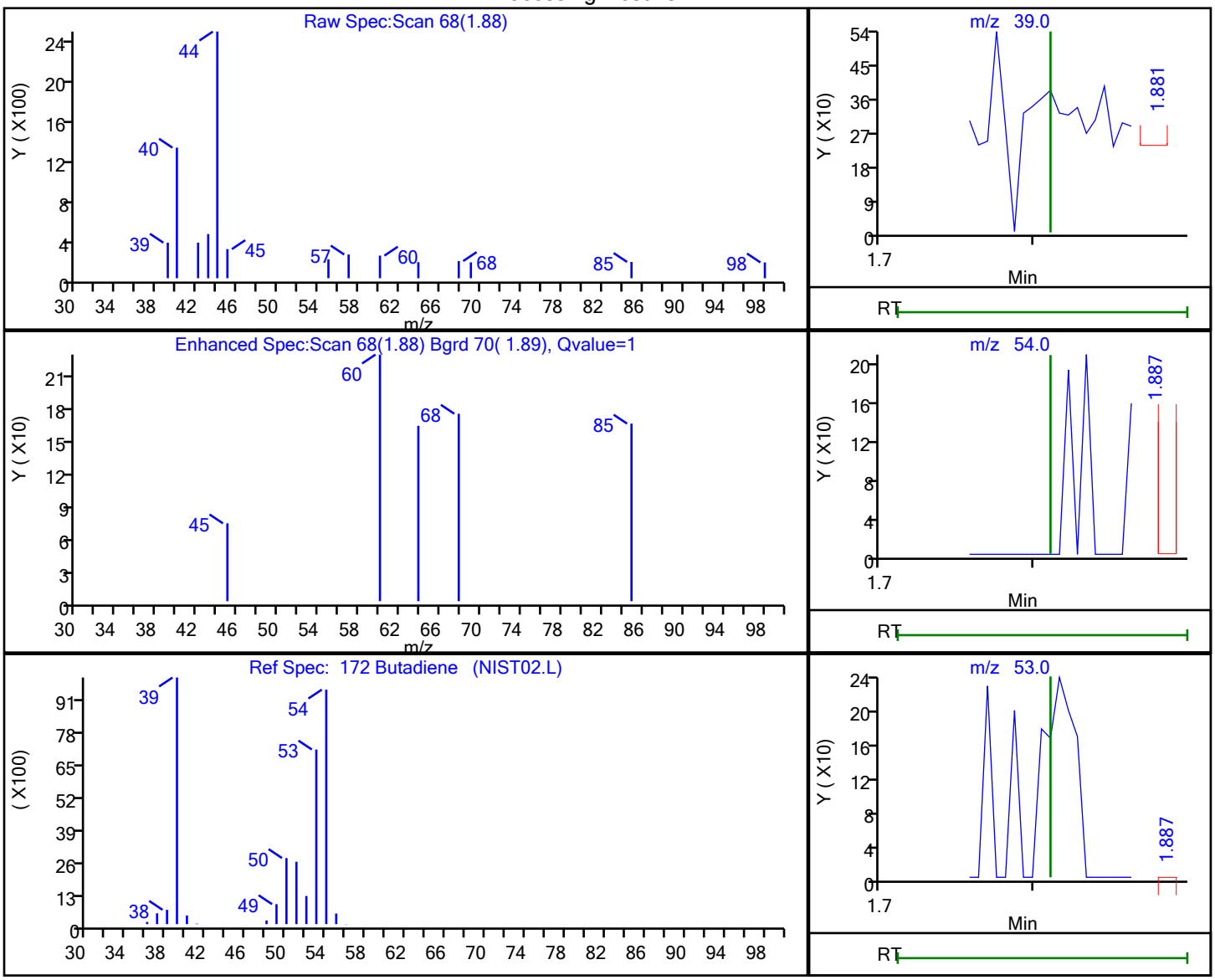
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

172 Butadiene, CAS: 106-99-0

Processing Results



RT	Mass	Response	Amount
1.88	39.00	94	0.035483
1.89	54.00	94	
1.89	53.00	61	

Reviewer: NN6A, 14-May-2025 20:42:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

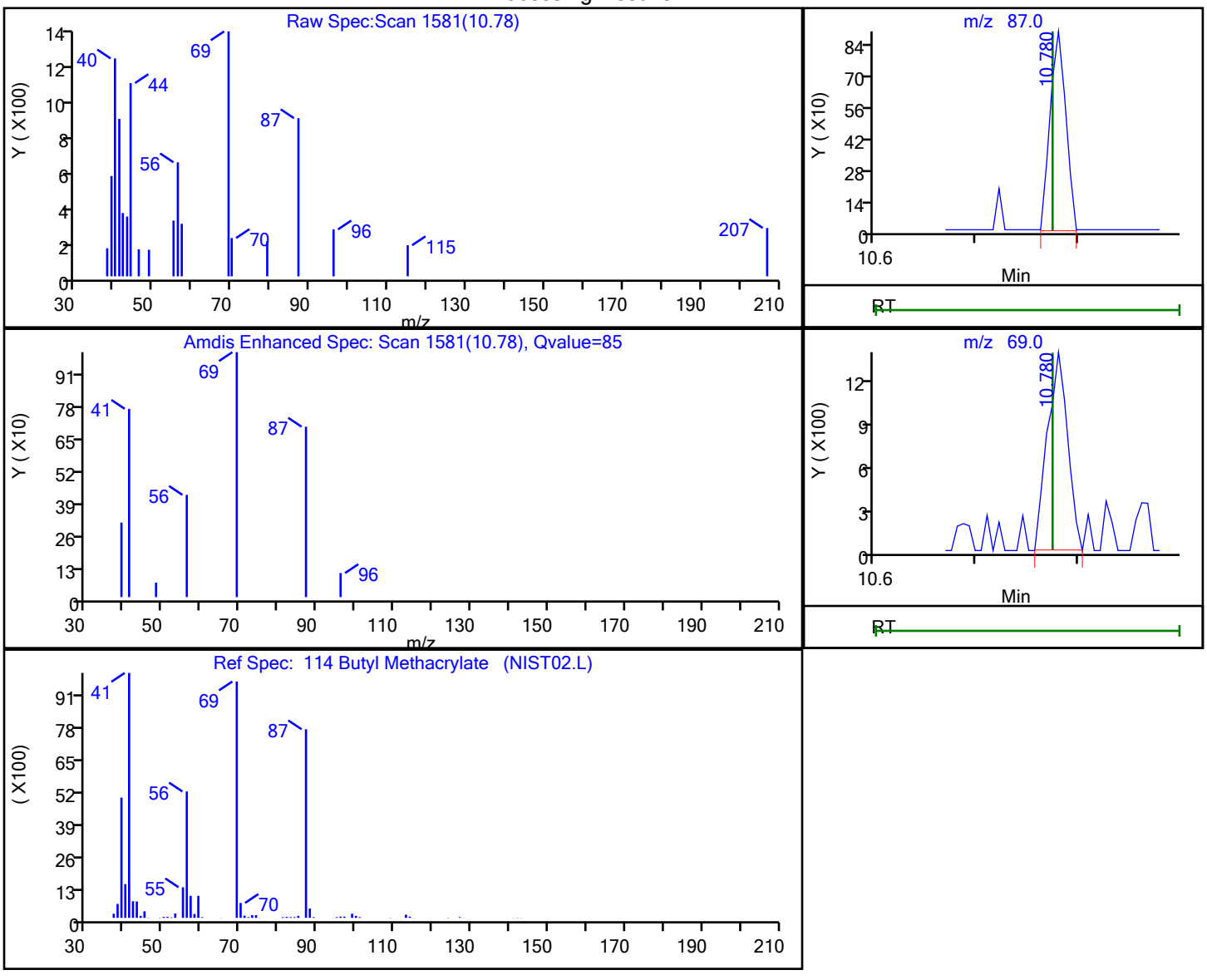
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
10.78	87.00	971	0.279864
10.78	69.00	1932	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

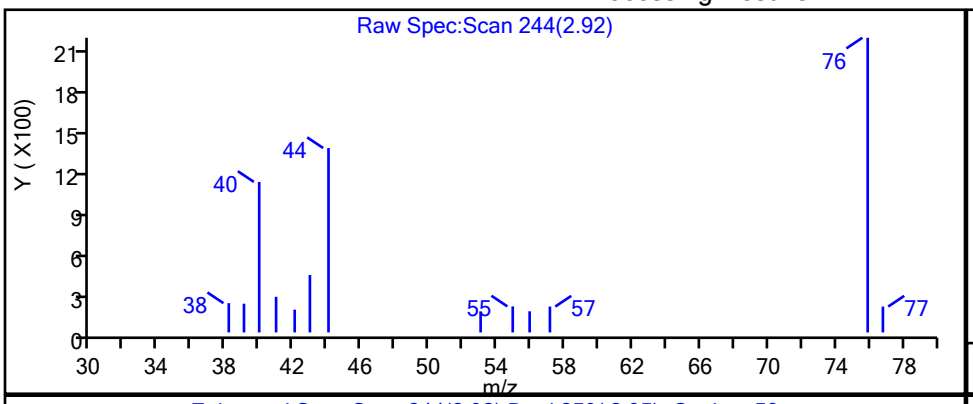
User Disabled Compound Report

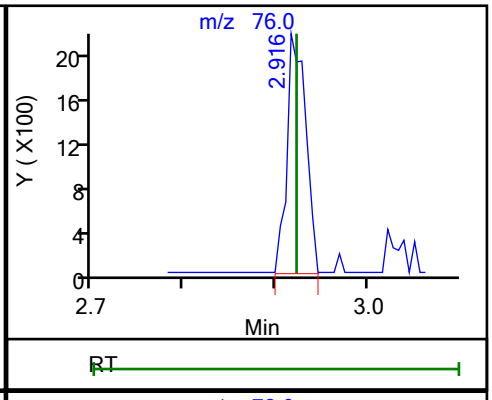
Eurofins Edison

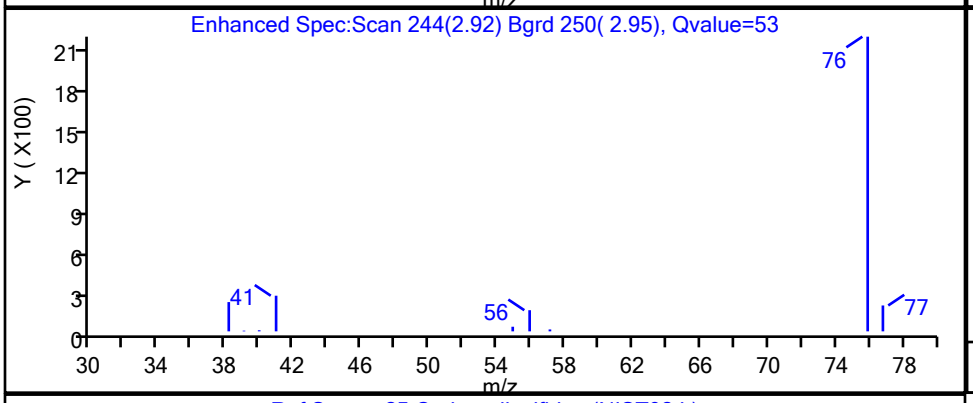
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

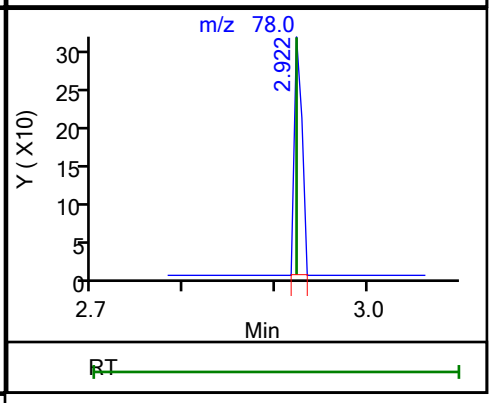
25 Carbon disulfide, CAS: 75-15-0

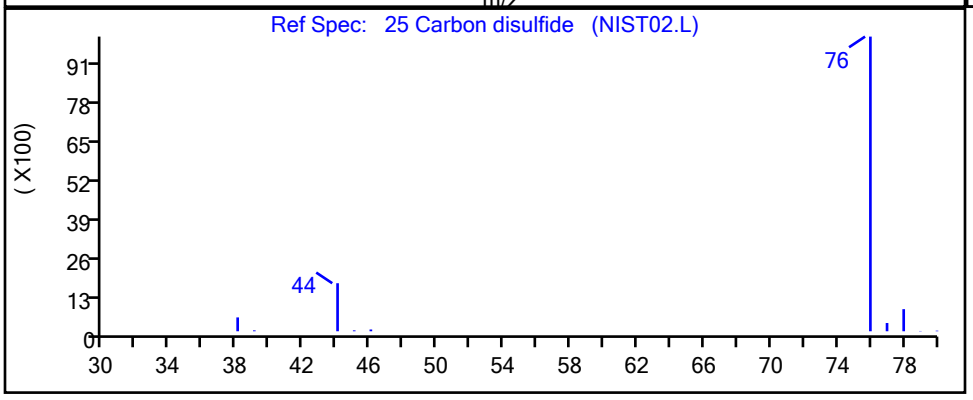
Processing Results











RT	Mass	Response	Amount
2.92	76.00	3095	0.452789
2.92	78.00	184	

Reviewer: NN6A, 14-May-2025 20:42:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

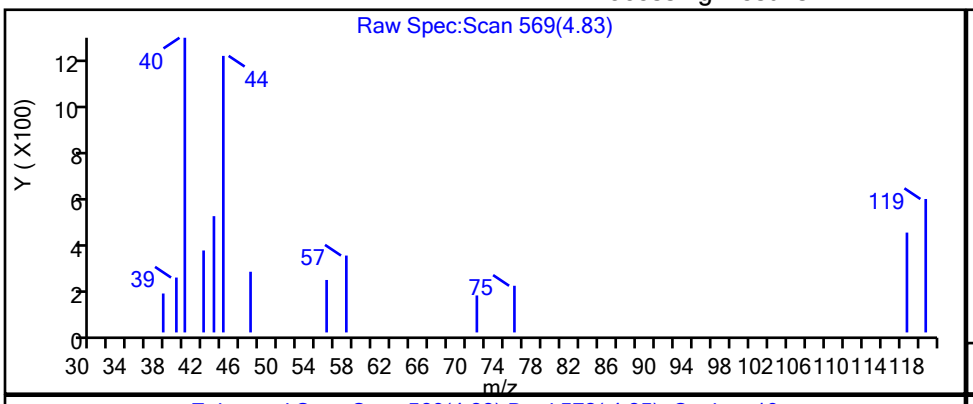
User Disabled Compound Report

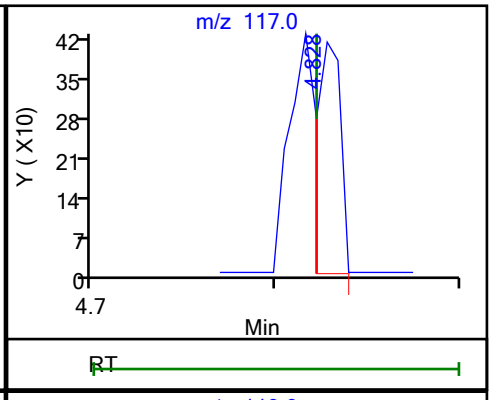
Eurofins Edison

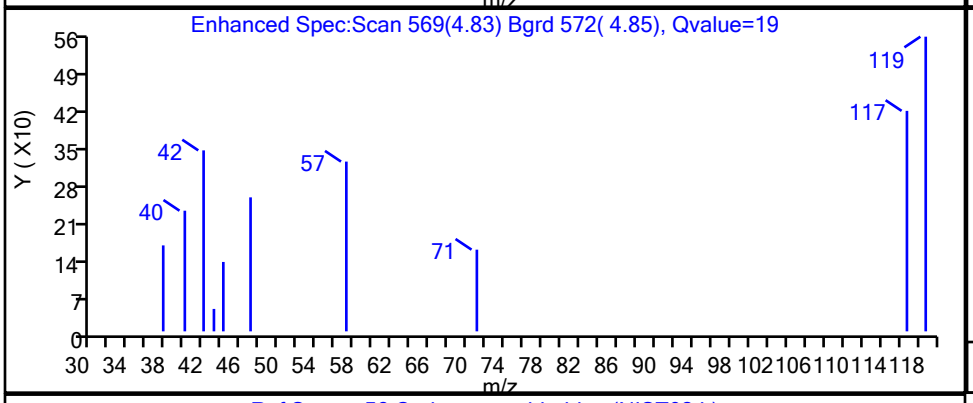
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

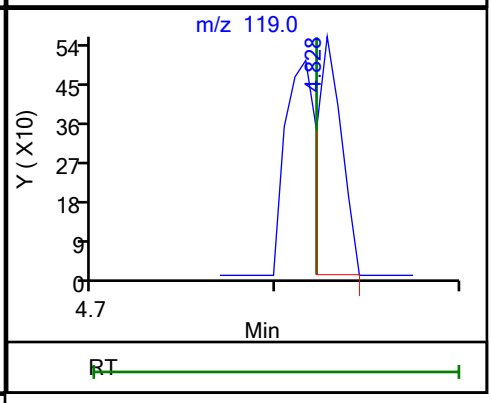
56 Carbon tetrachloride, CAS: 56-23-5

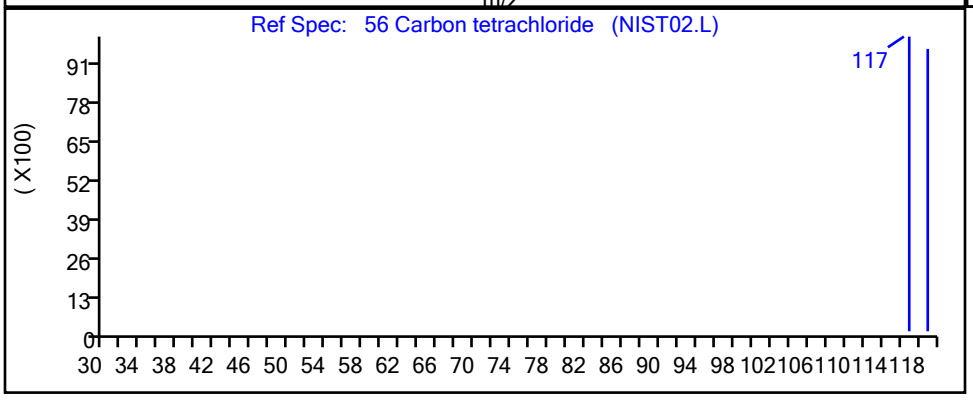
Processing Results











RT	Mass	Response	Amount
4.83	117.00	377	0.113457
4.83	119.00	515	

Reviewer: NN6A, 14-May-2025 20:42:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

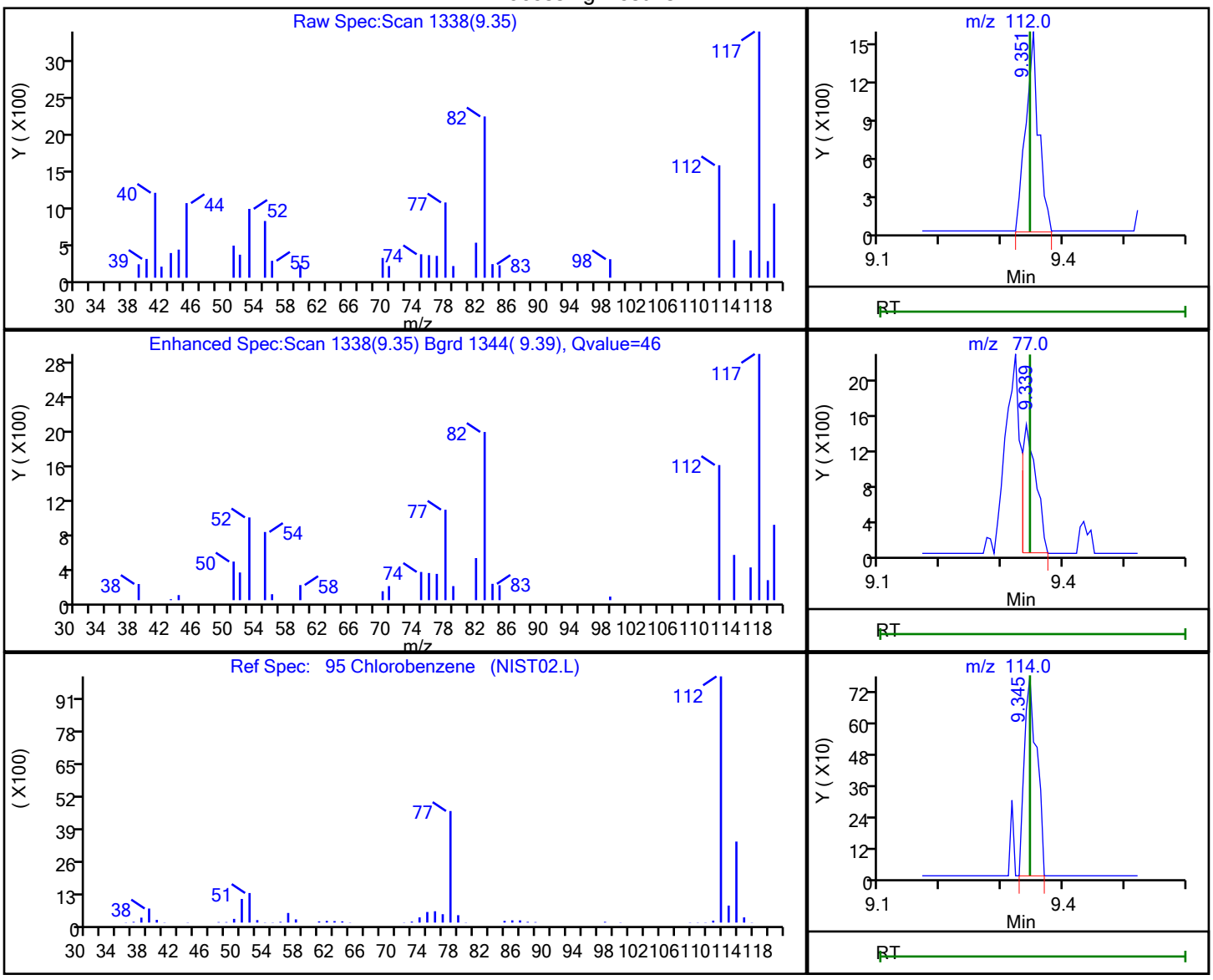
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
9.35	112.00	2255	0.284143
9.34	77.00	2196	
9.35	114.00	1094	

Reviewer: NN6A, 14-May-2025 20:43:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

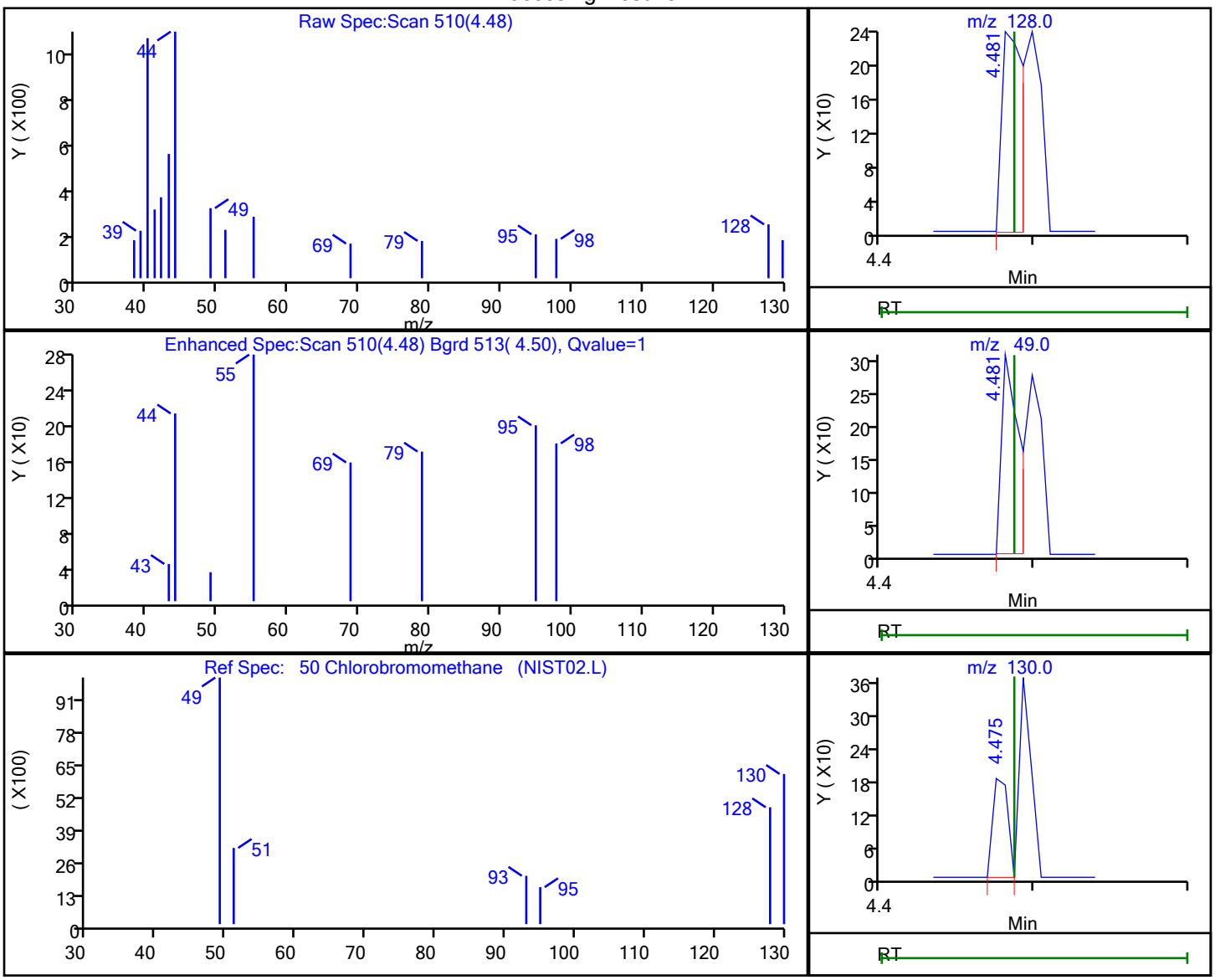
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
4.48	128.00	233	0.176670
4.48	49.00	244	
4.47	130.00	123	

Reviewer: NN6A, 14-May-2025 20:42:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

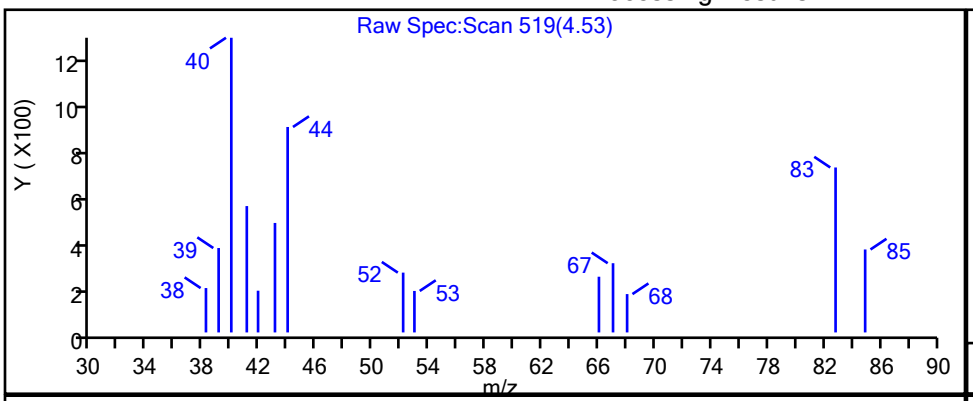
User Disabled Compound Report

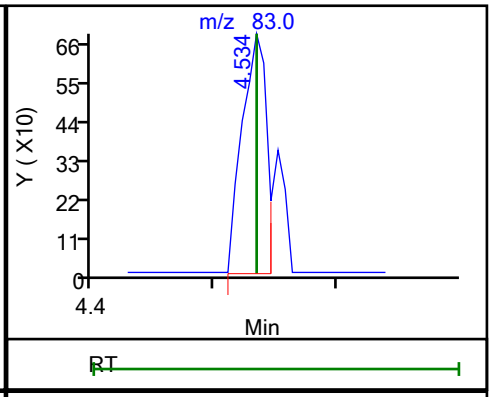
Eurofins Edison

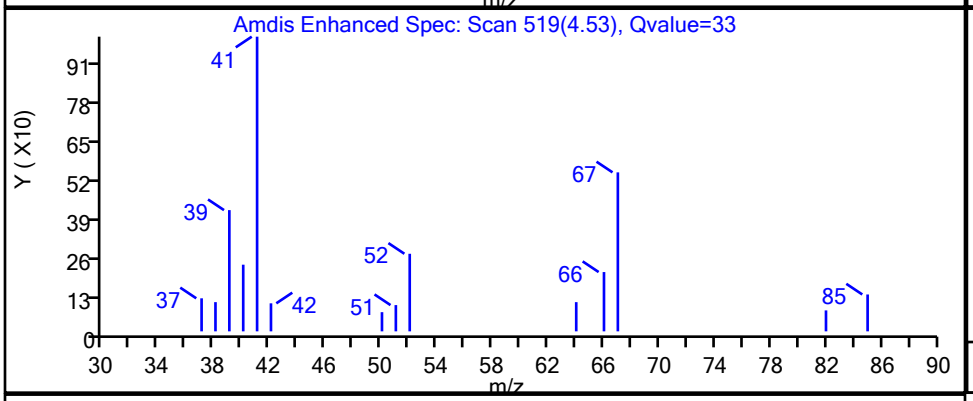
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

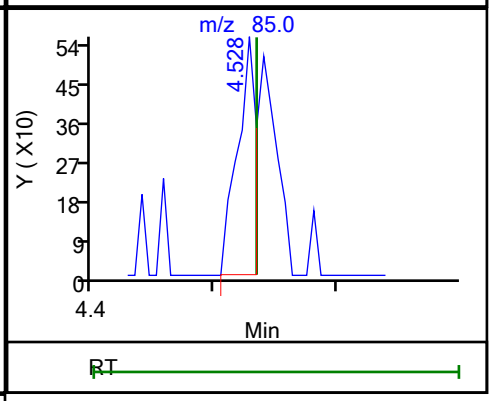
52 Chloroform, CAS: 67-66-3

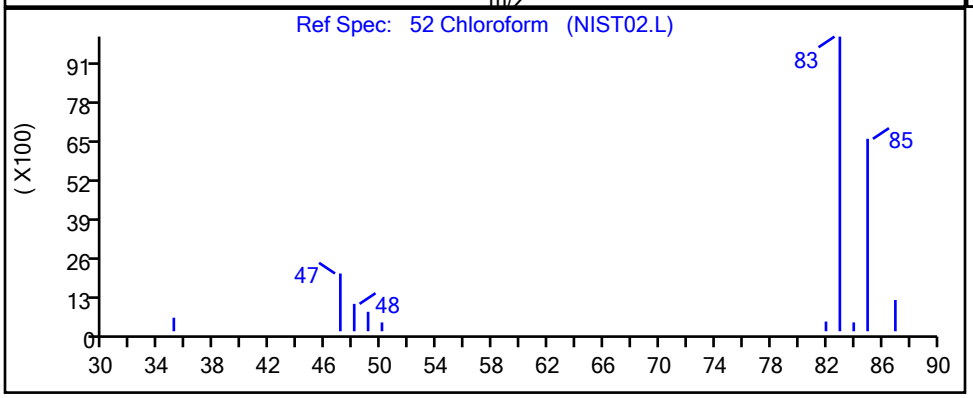
Processing Results











RT	Mass	Response	Amount
4.53	83.00	960	0.184988
4.53	85.00	593	

Reviewer: NN6A, 14-May-2025 20:42:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

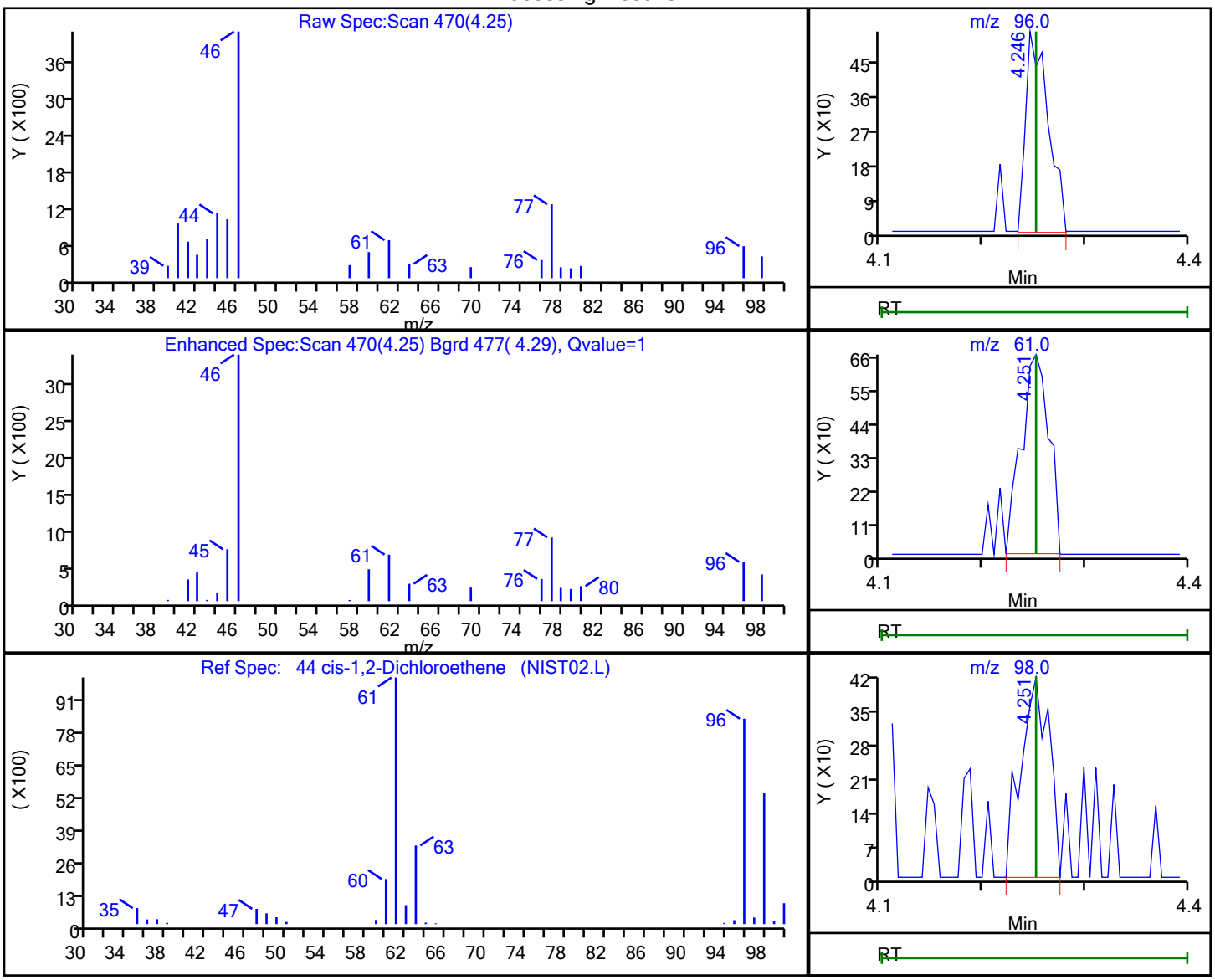
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
4.25	96.00	803	0.236004
4.25	61.00	1249	
4.25	98.00	807	

Reviewer: NN6A, 14-May-2025 20:42:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

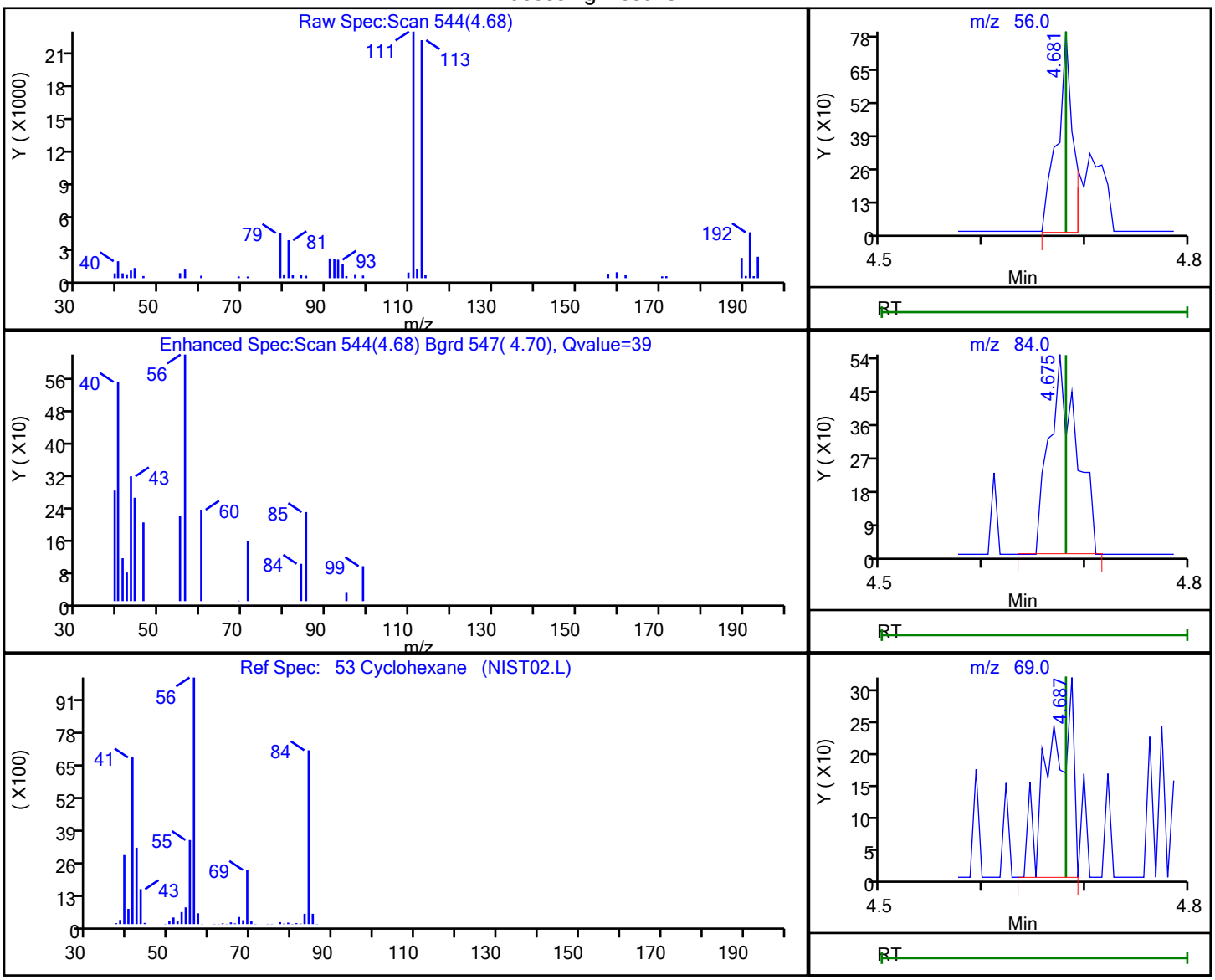
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.68	56.00	821	0.213089
4.67	84.00	1003	
4.69	69.00	501	

Reviewer: NN6A, 14-May-2025 20:42:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

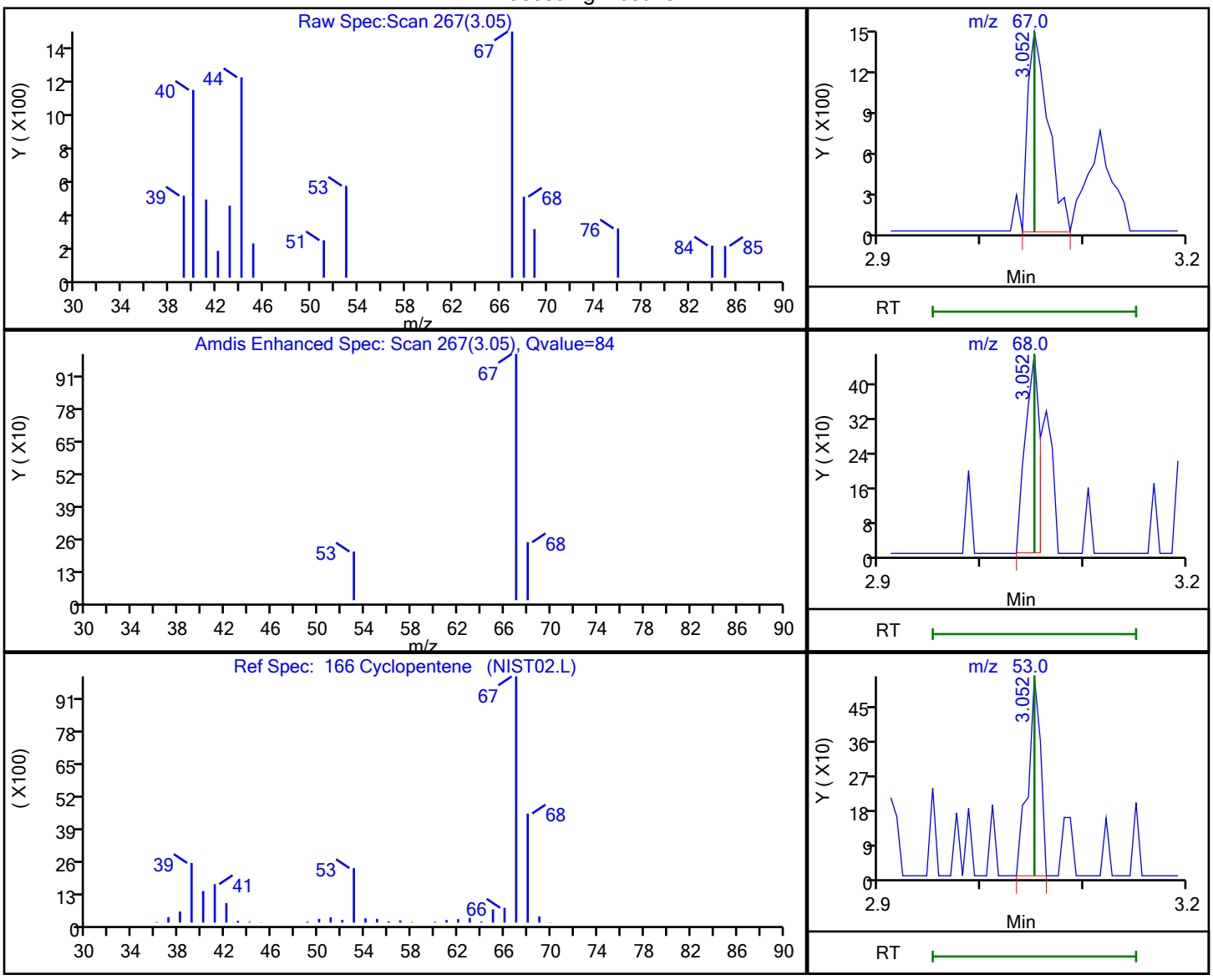
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

166 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
3.05	67.00	1935	0.263235
3.05	68.00	450	
3.05	53.00	447	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

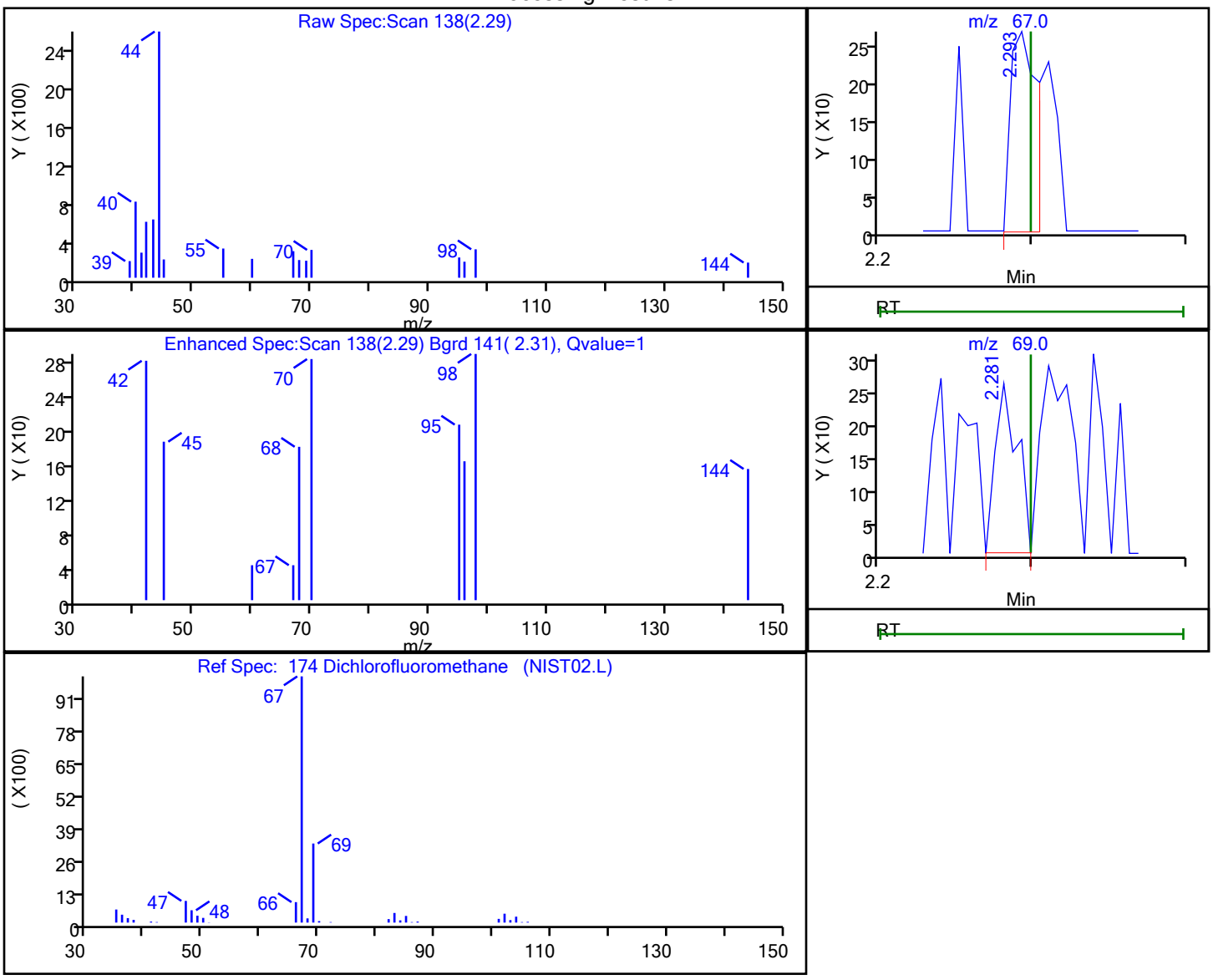
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

174 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.29	67.00	327	0.052275
2.28	69.00	261	

Reviewer: NN6A, 14-May-2025 20:42:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

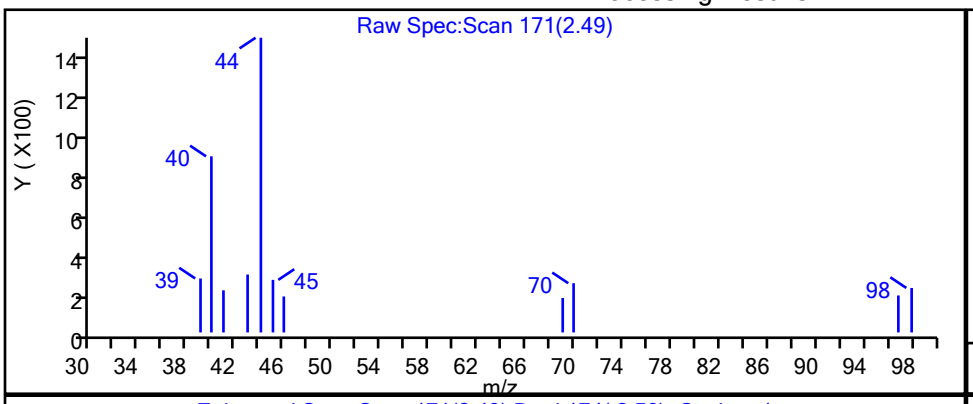
User Disabled Compound Report

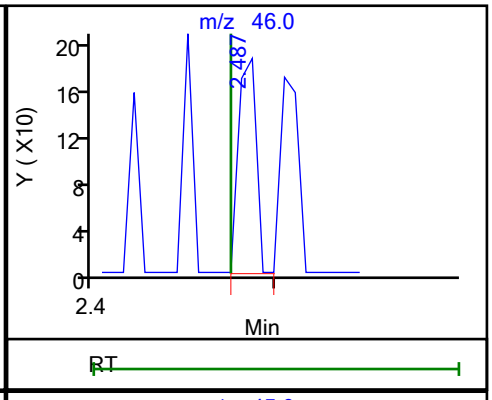
Eurofins Edison

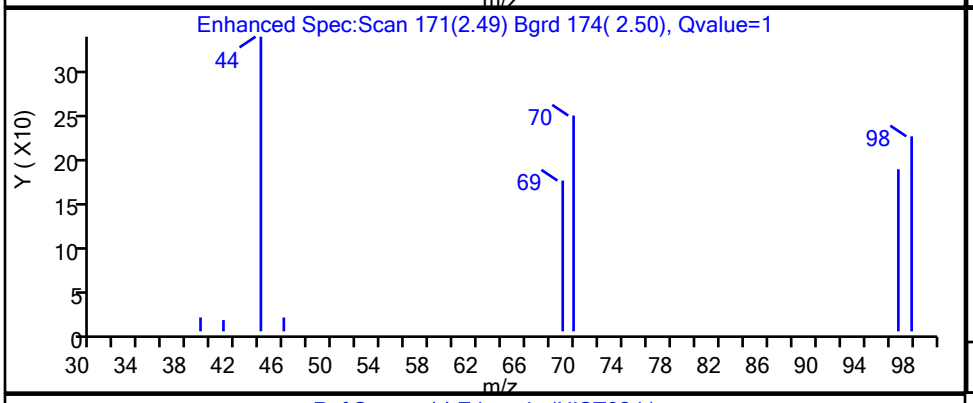
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

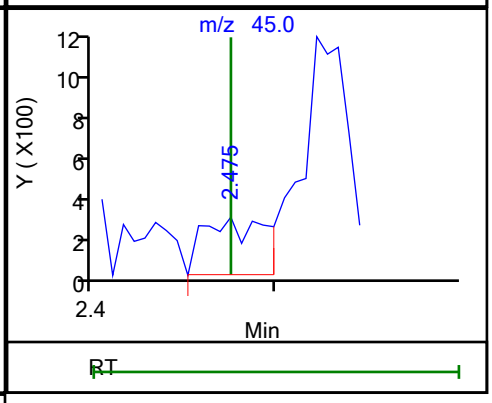
14 Ethanol, CAS: 64-17-5

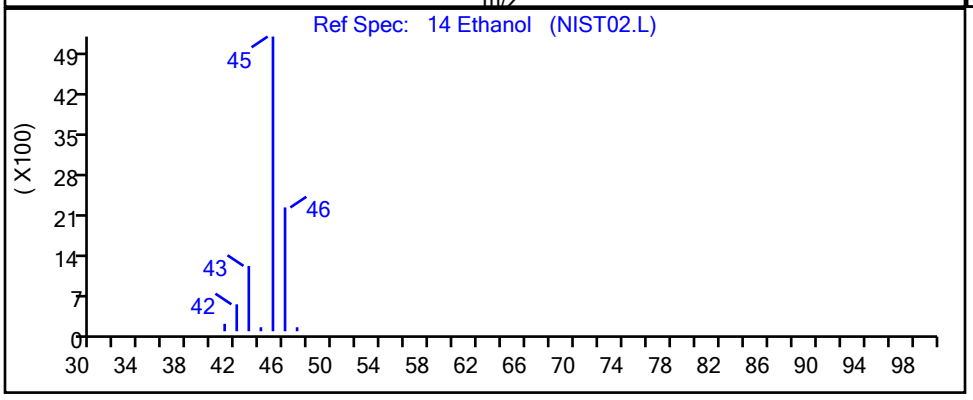
Processing Results











RT	Mass	Response	Amount
2.49	46.00	122	12.251016
2.48	45.00	669	

Reviewer: NN6A, 14-May-2025 20:42:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

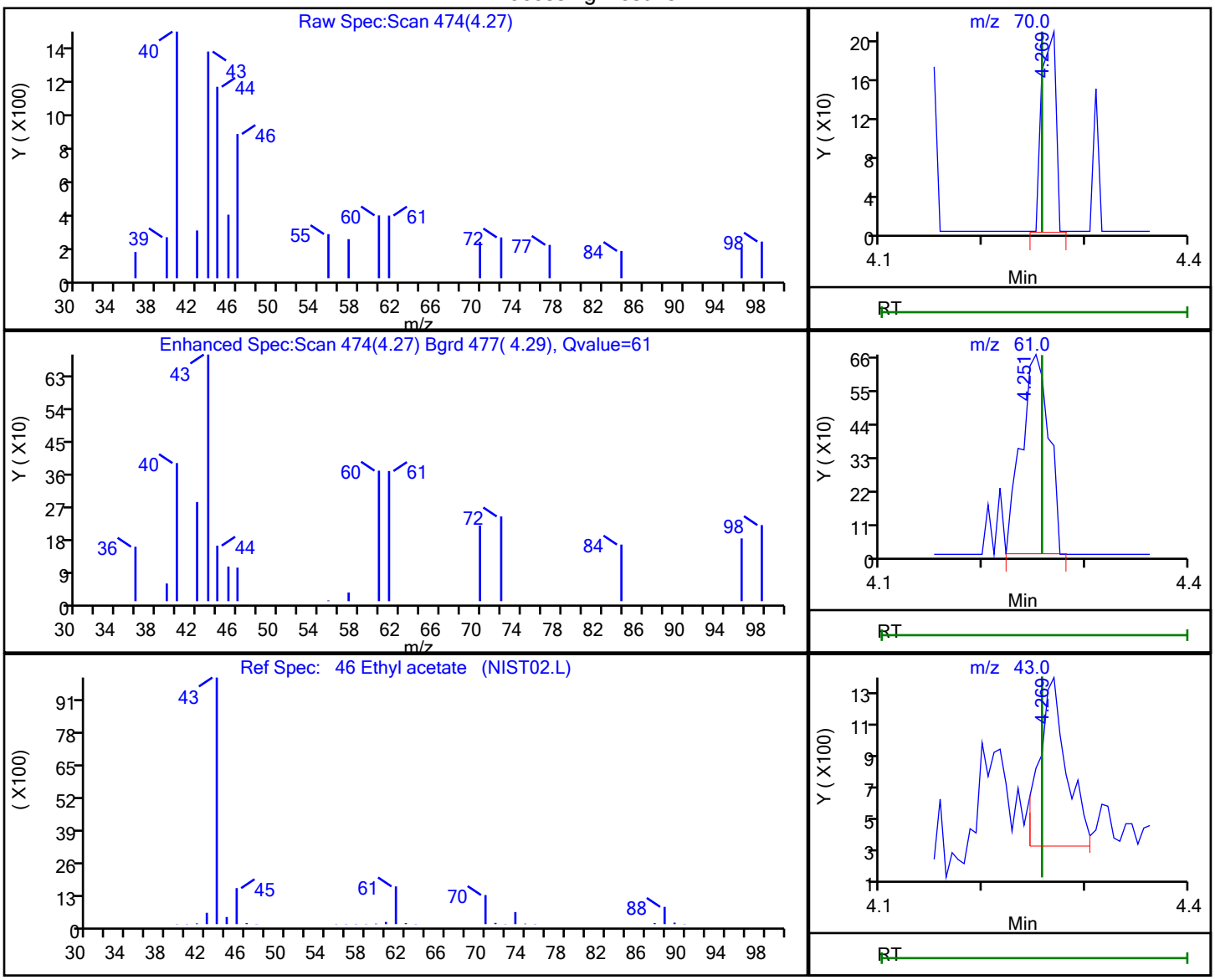
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.27	70.00	201	0.994122
4.25	61.00	1249	
4.27	43.00	1773	

Reviewer: NN6A, 14-May-2025 20:42:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

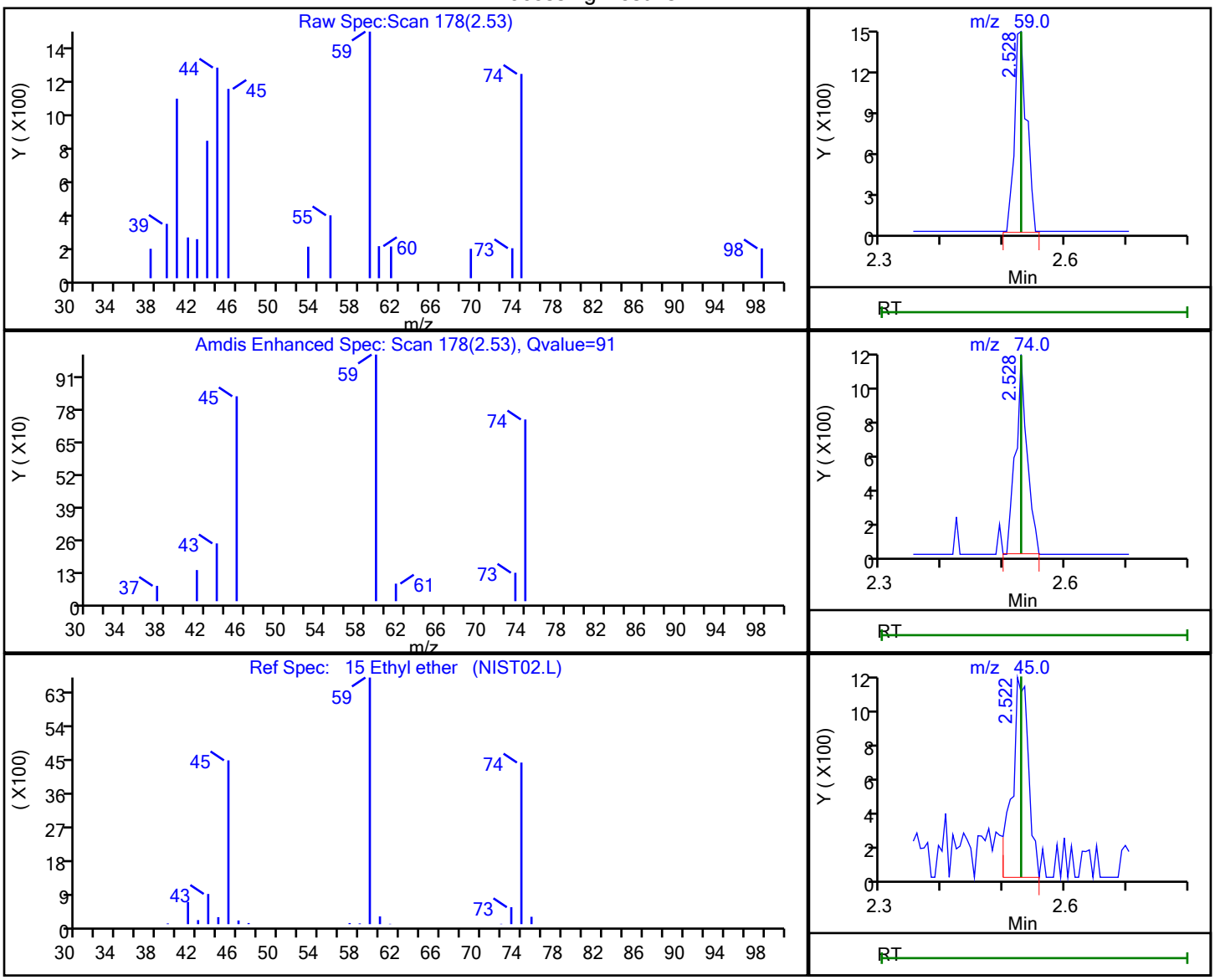
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.53	59.00	1937	1.009812
2.53	74.00	1524	
2.52	45.00	2151	

Reviewer: NN6A, 14-May-2025 20:42:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

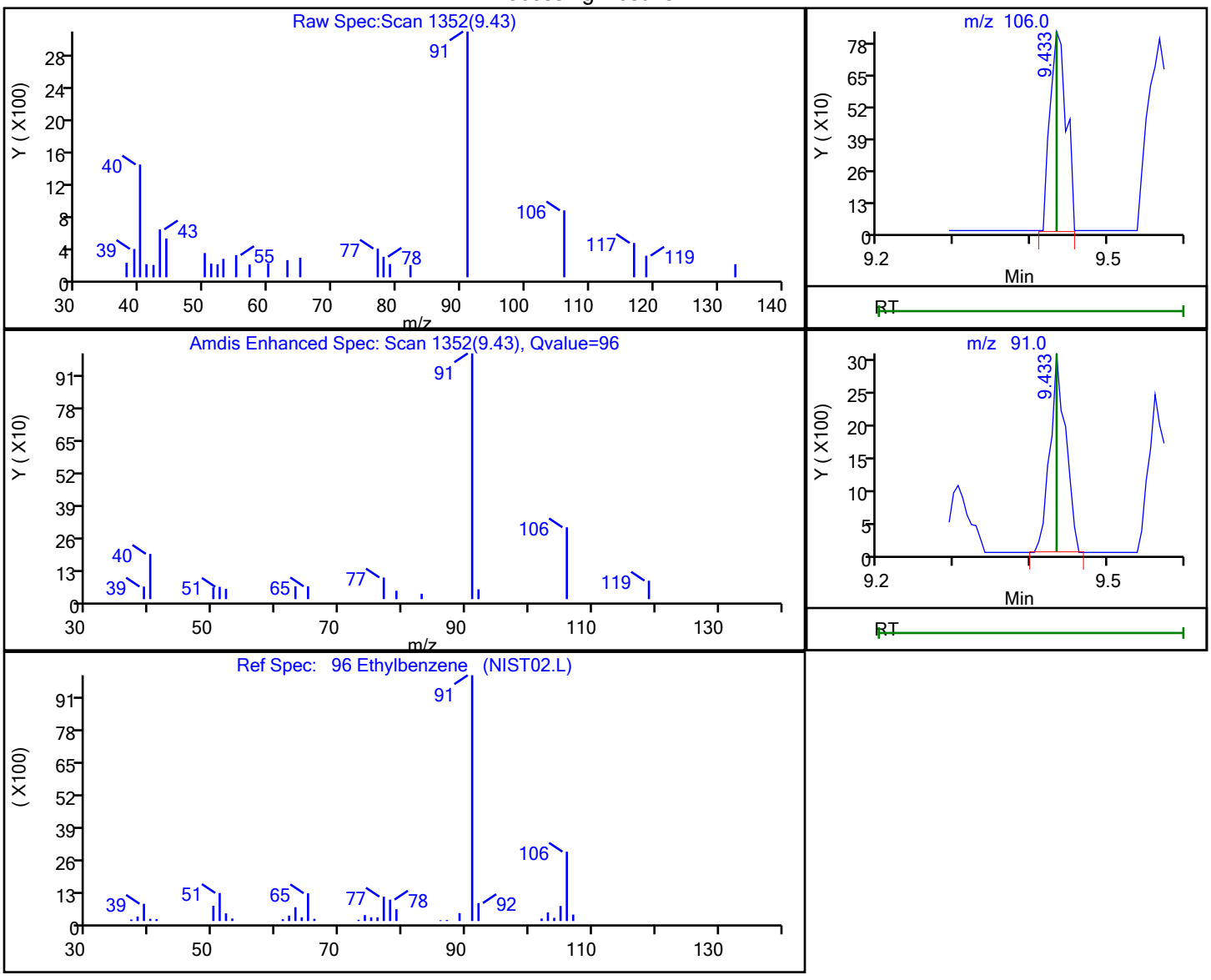
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

96 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
9.43	106.00	1222	0.278603
9.43	91.00	4356	

Reviewer: NN6A, 14-May-2025 20:43:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

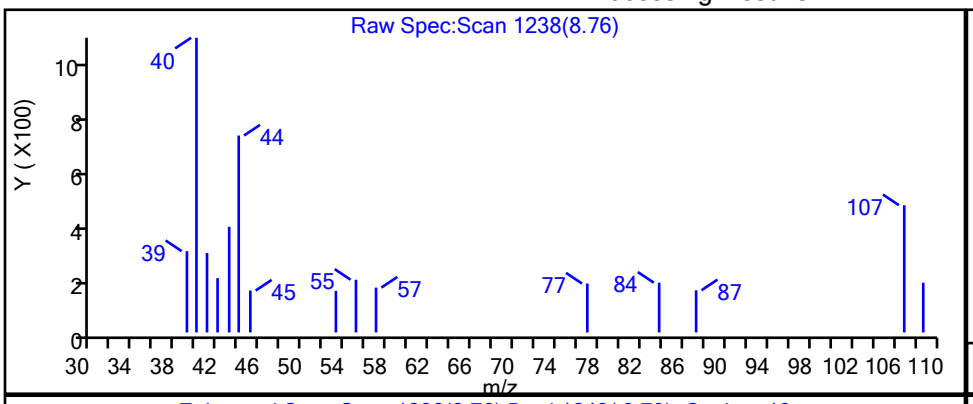
User Disabled Compound Report

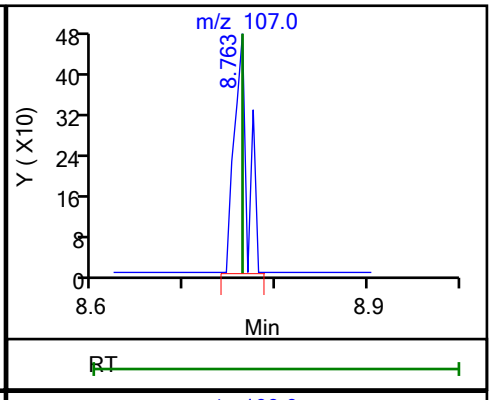
Eurofins Edison

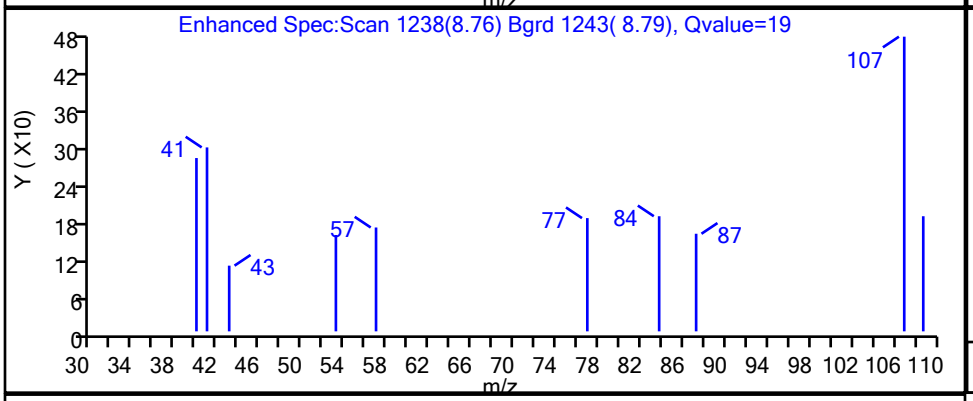
Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D				
Injection Date:	14-May-2025 10:21:30	Instrument ID:	CVOAMS1		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

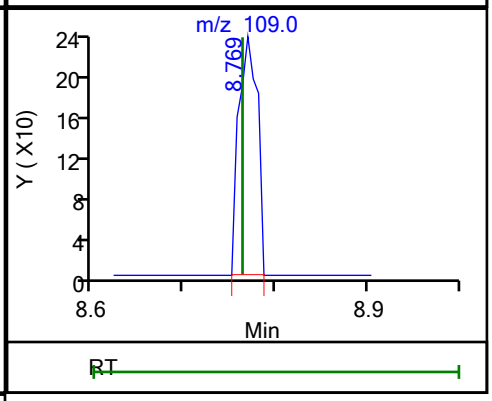
93 Ethylene Dibromide, CAS: 106-93-4

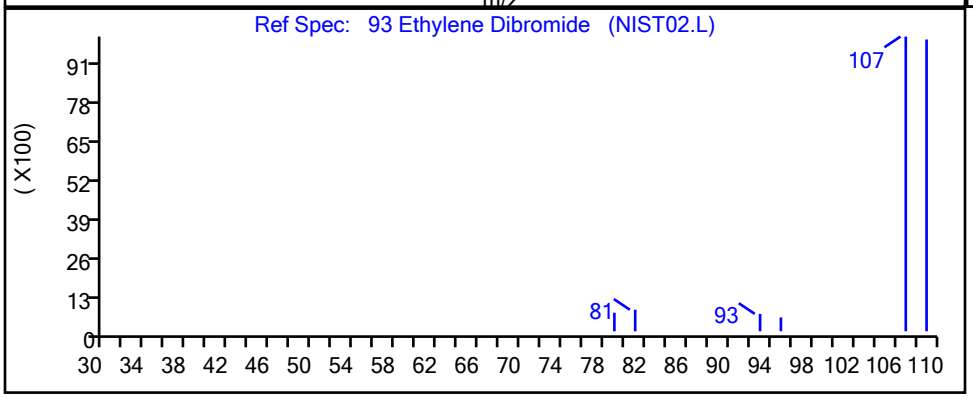
Processing Results











RT	Mass	Response	Amount
8.76	107.00	475	0.229253
8.77	109.00	331	

Reviewer: NN6A, 14-May-2025 20:43:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

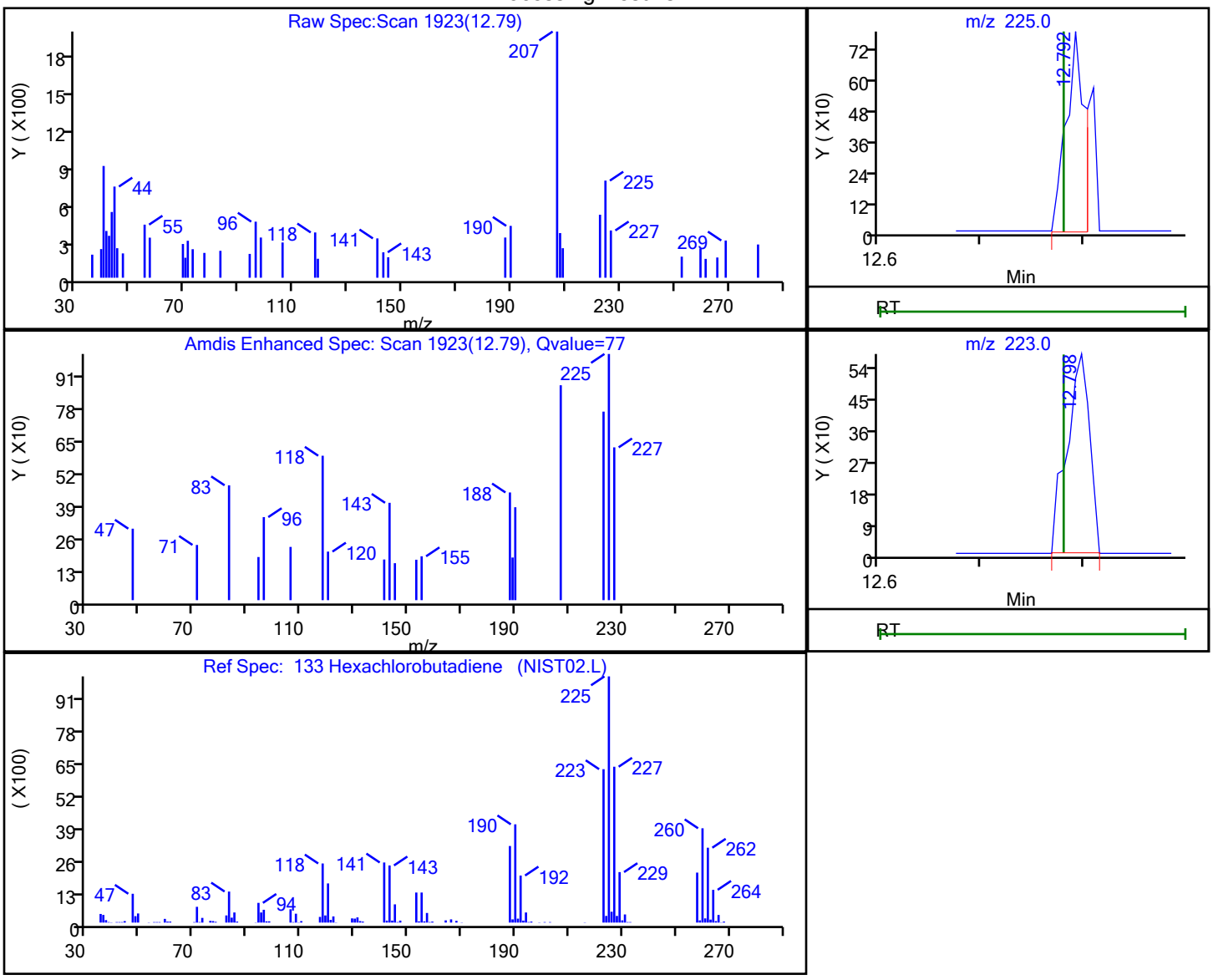
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

133 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
12.79	225.00	984	1.175274
12.80	223.00	893	

Reviewer: NN6A, 14-May-2025 20:43:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

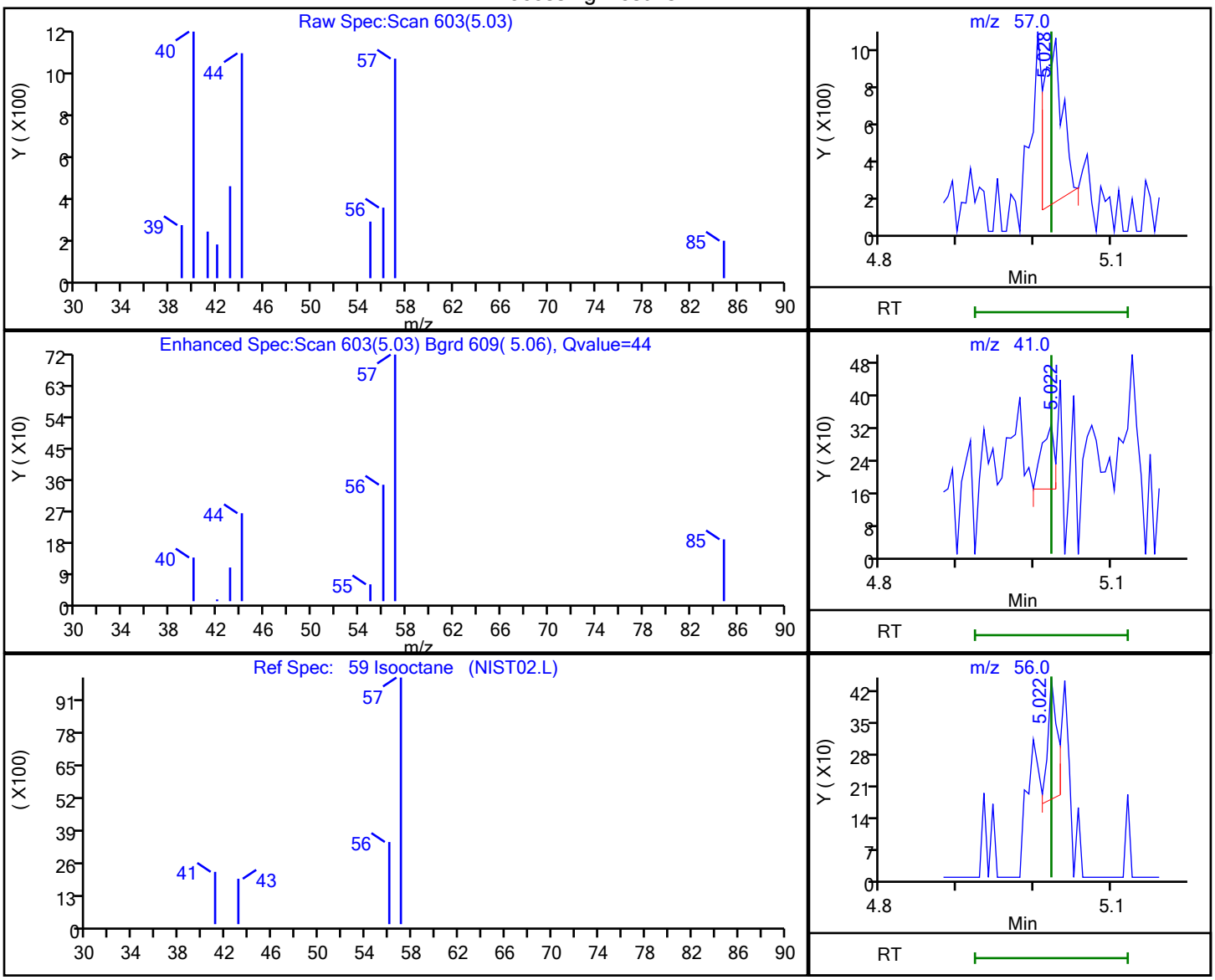
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
5.03	57.00	1483	0.458070
5.02	41.00	184	
5.02	56.00	230	

Reviewer: NN6A, 14-May-2025 20:42:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

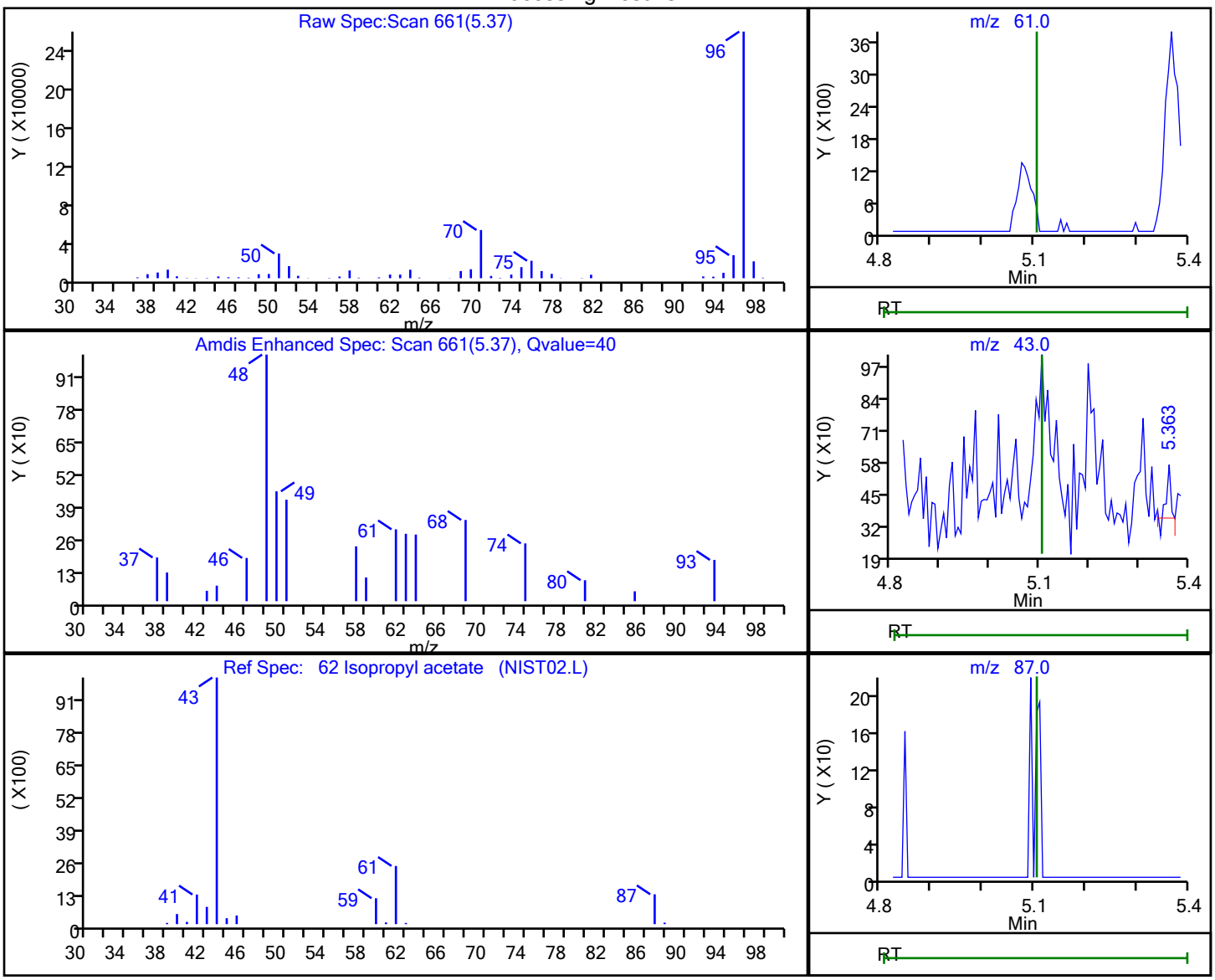
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
5.37	61.00	6920	1.147396
5.36	43.00	116	
5.10	87.00	0	

Reviewer: NN6A, 14-May-2025 20:42:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

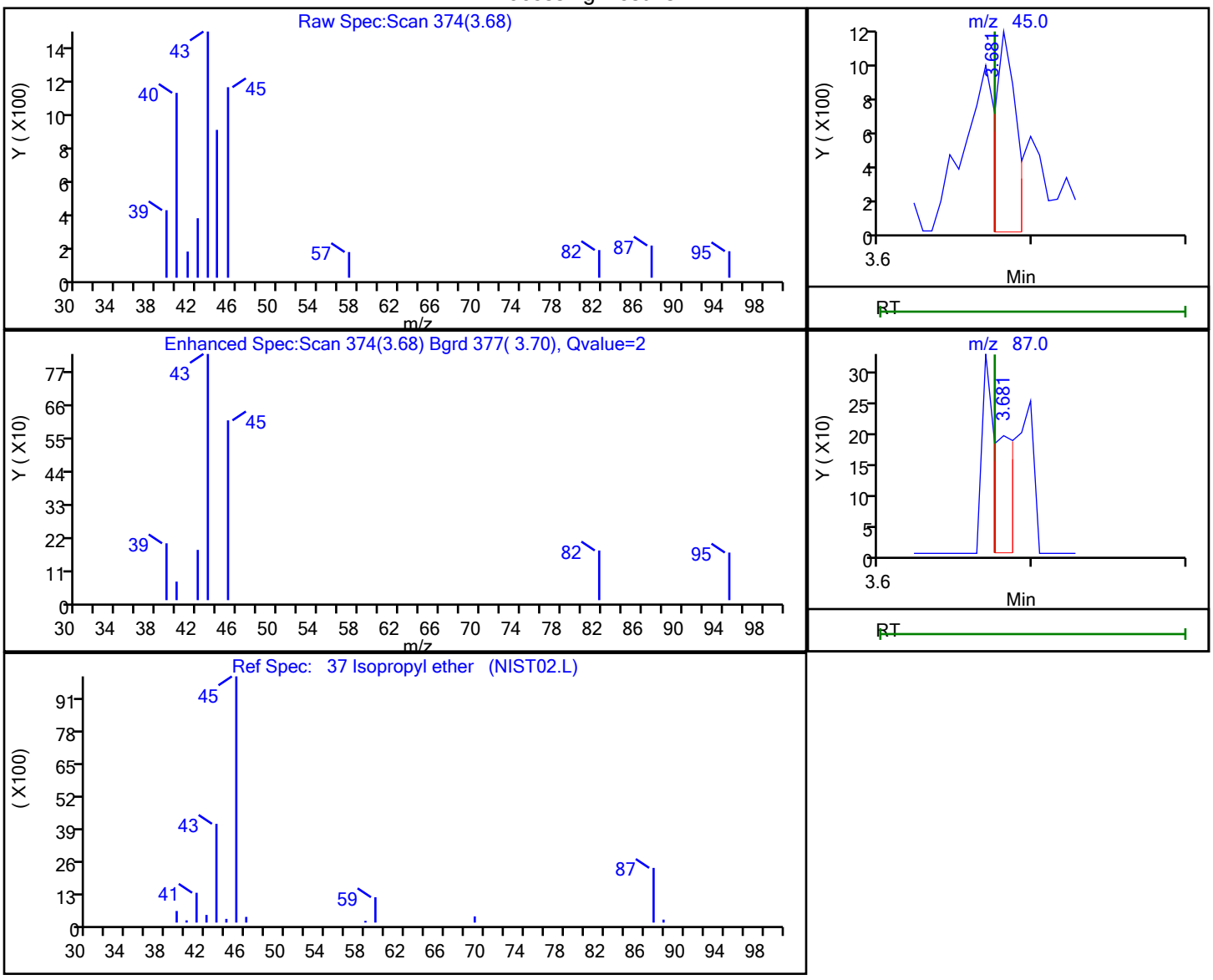
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

37 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
3.68	45.00	1079	0.137078
3.68	87.00	197	

Reviewer: NN6A, 14-May-2025 20:42:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

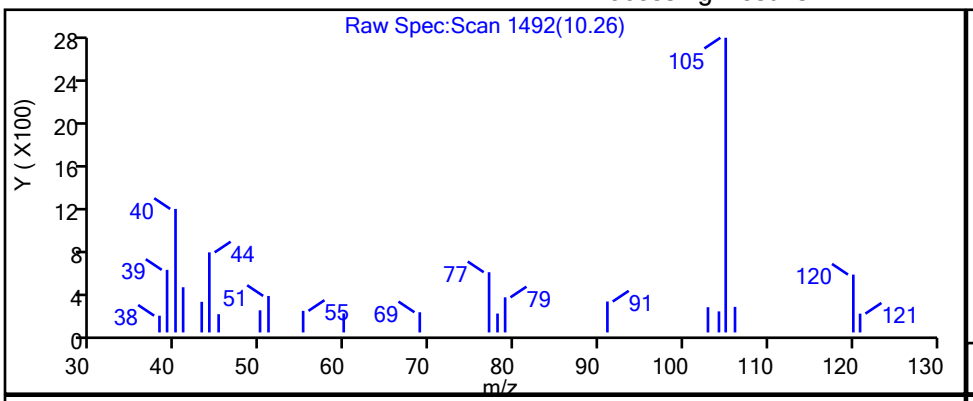
User Disabled Compound Report

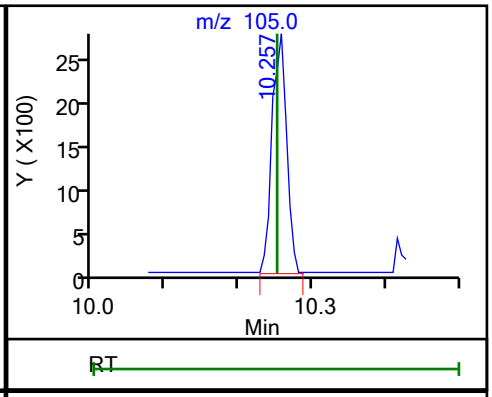
Eurofins Edison

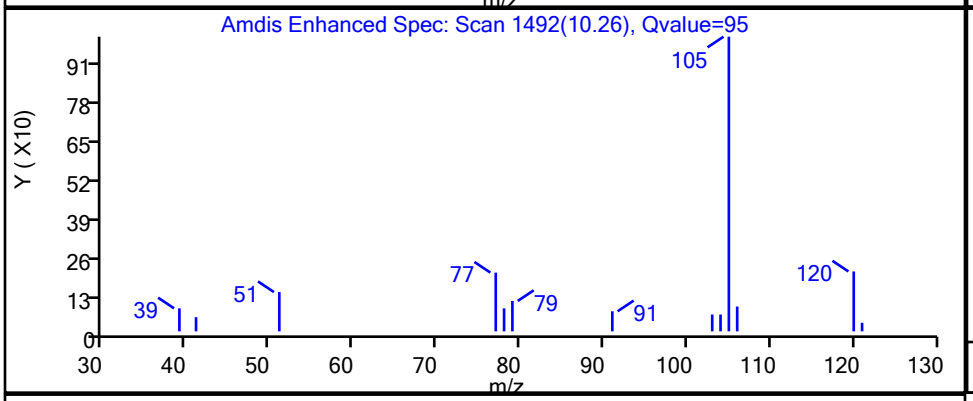
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

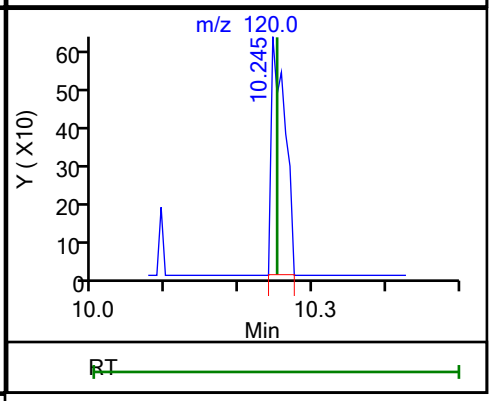
104 Isopropylbenzene, CAS: 98-82-8

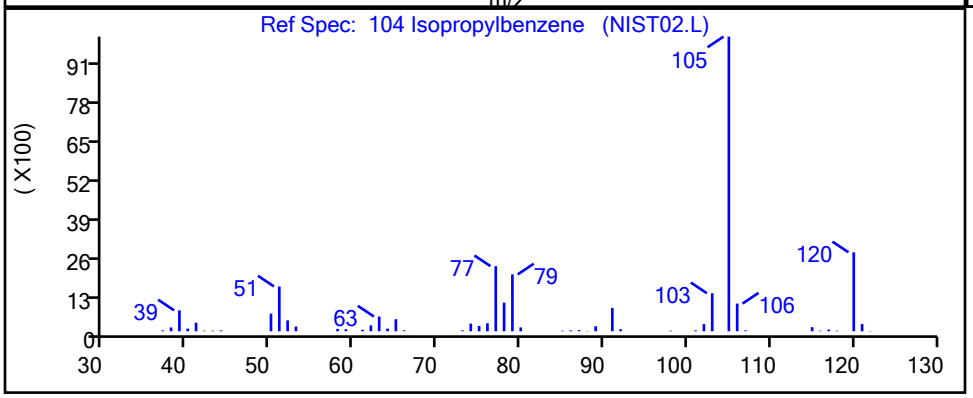
Processing Results











RT	Mass	Response	Amount
10.26	105.00	3787	0.372609
10.25	120.00	819	

Reviewer: NN6A, 14-May-2025 20:43:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

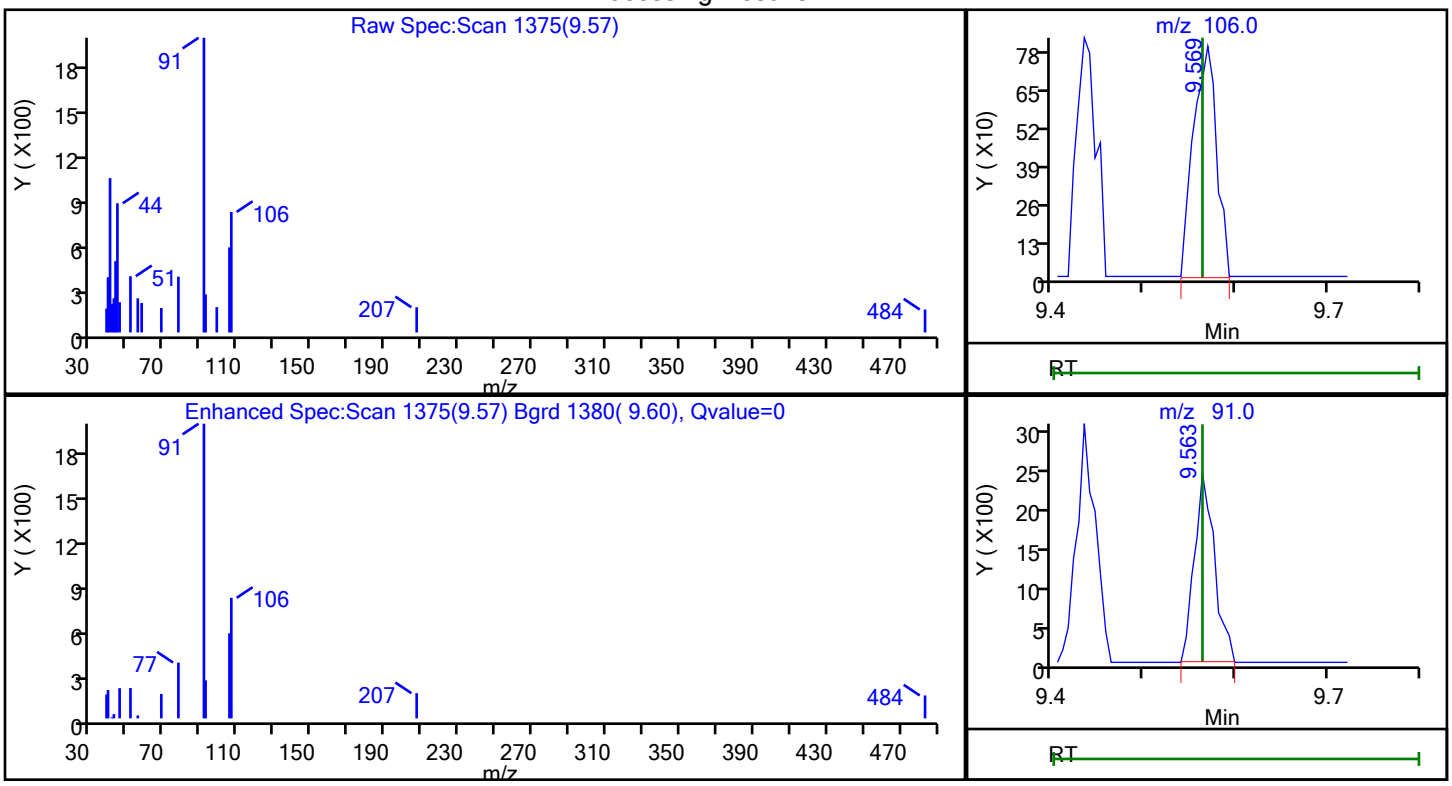
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D				
Injection Date:	14-May-2025 10:21:30	Instrument ID:	CVOAMS1		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
9.57	106.00	1401	0.267058
9.56	91.00	3694	

Reviewer: NN6A, 14-May-2025 20:43:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

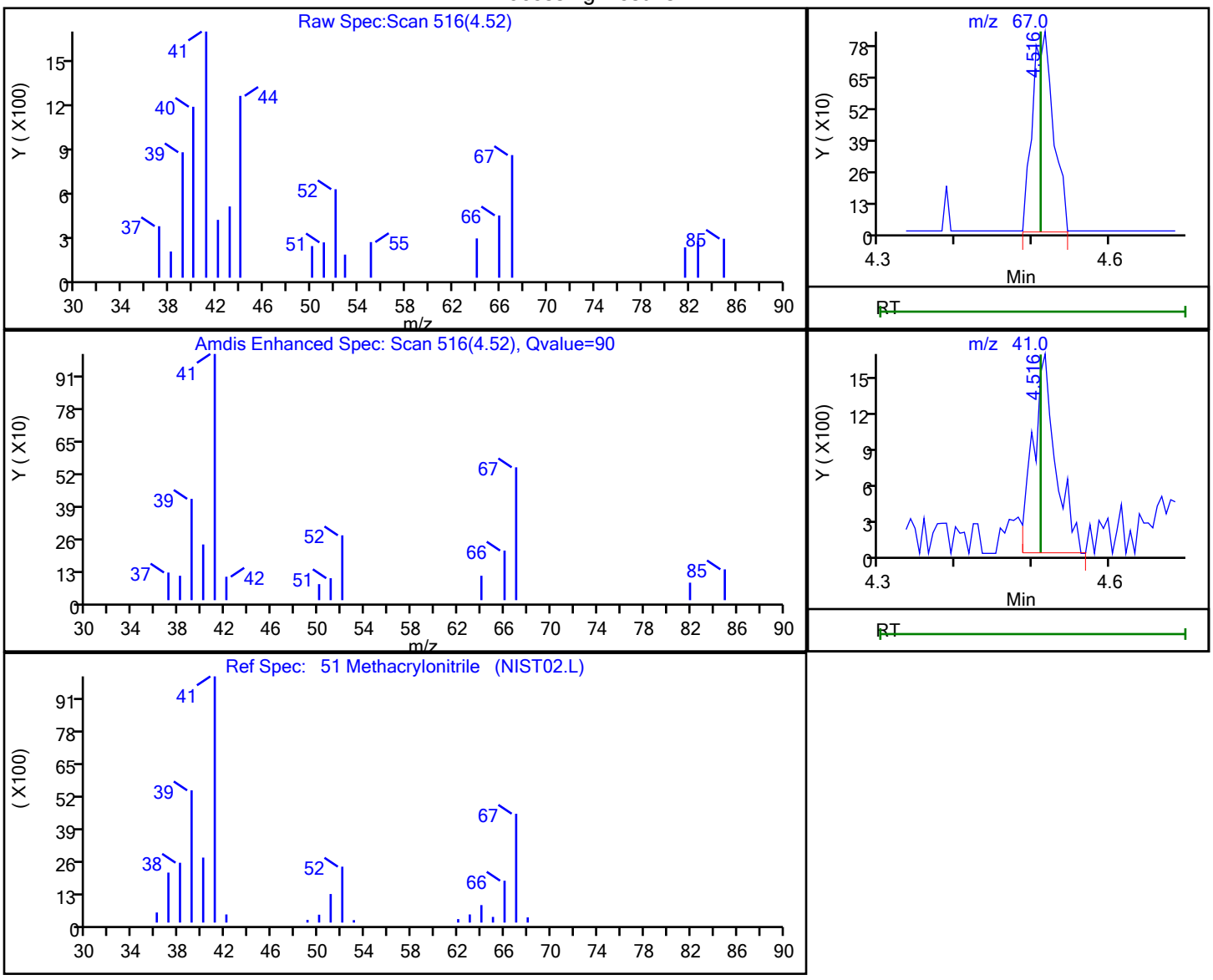
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.52	67.00	1579	2.155050
4.52	41.00	3449	

Reviewer: NN6A, 14-May-2025 20:42:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

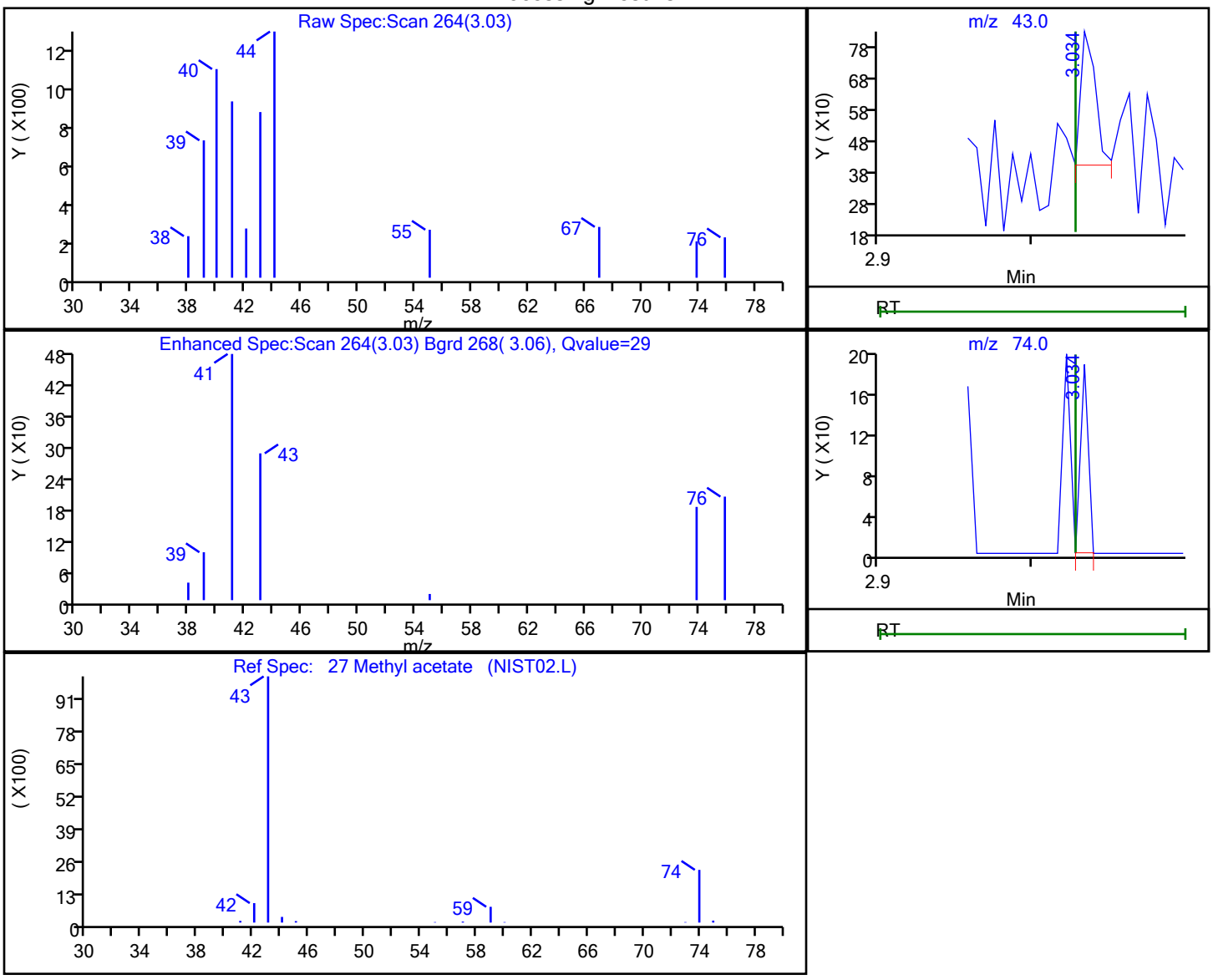
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.03	43.00	283	0.250890
3.03	74.00	64	

Reviewer: NN6A, 14-May-2025 20:42:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

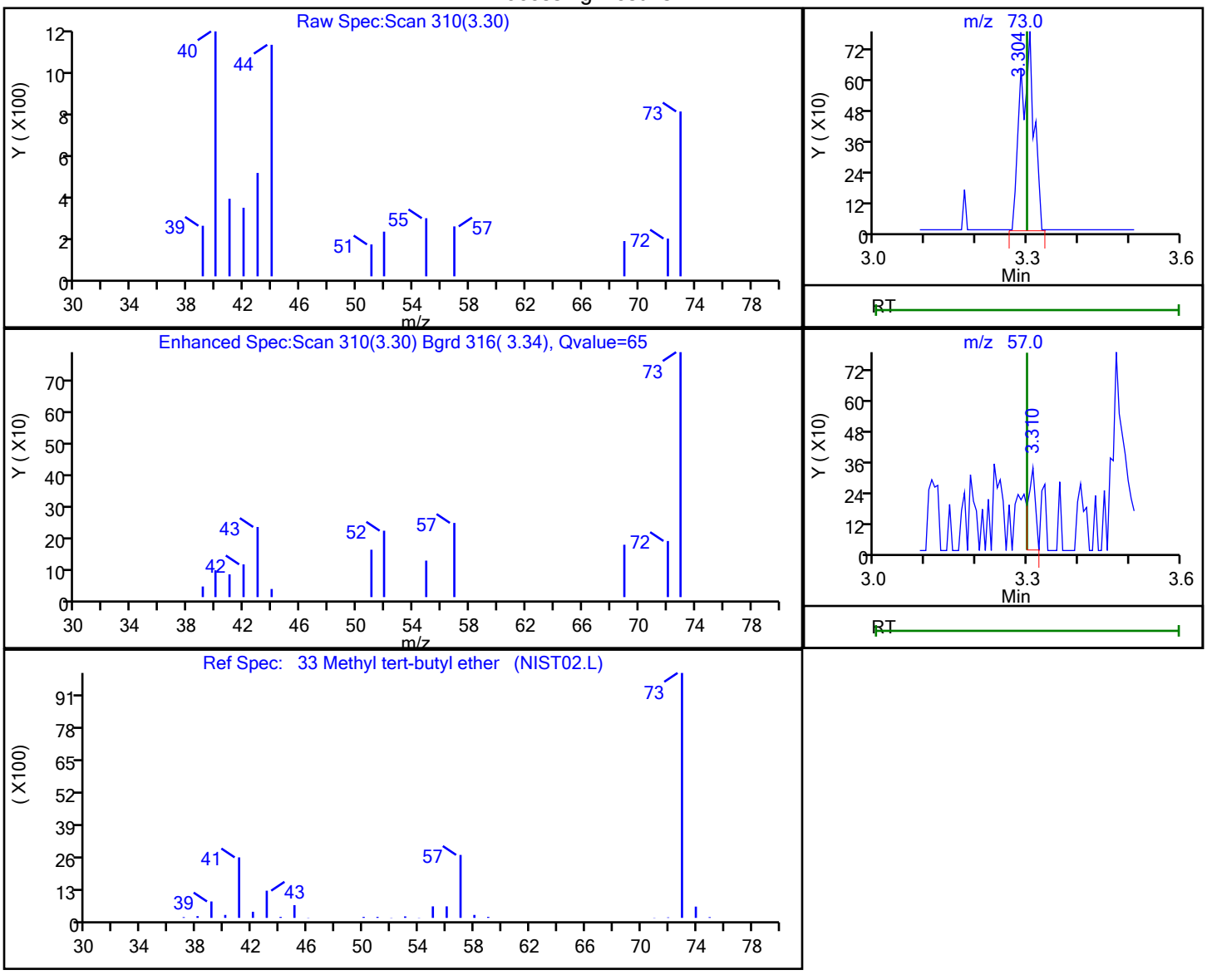
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
3.30	73.00	1405	0.219273
3.31	57.00	317	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

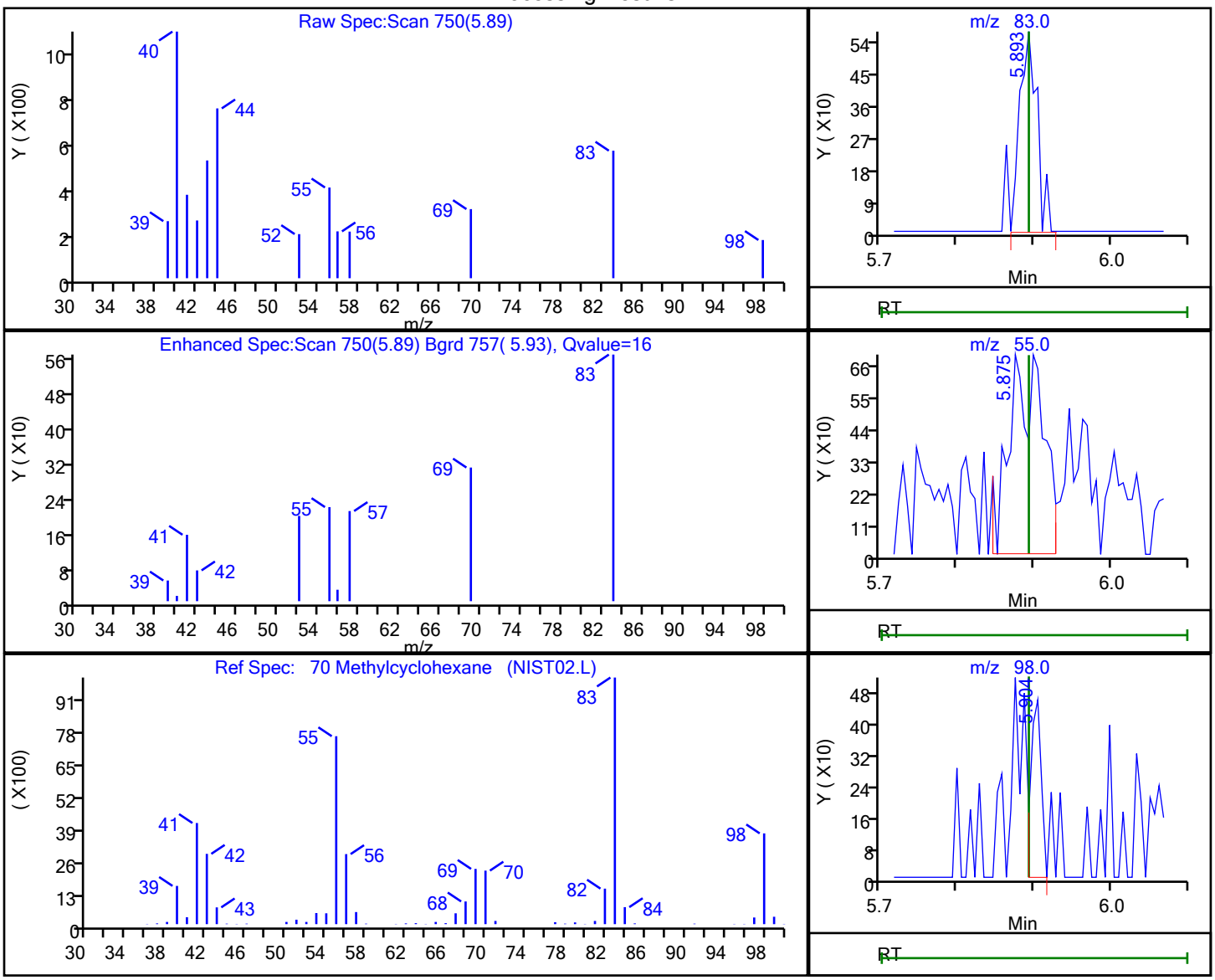
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.89	83.00	882	0.262744
5.87	55.00	2176	
5.90	98.00	433	

Reviewer: NN6A, 14-May-2025 20:42:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

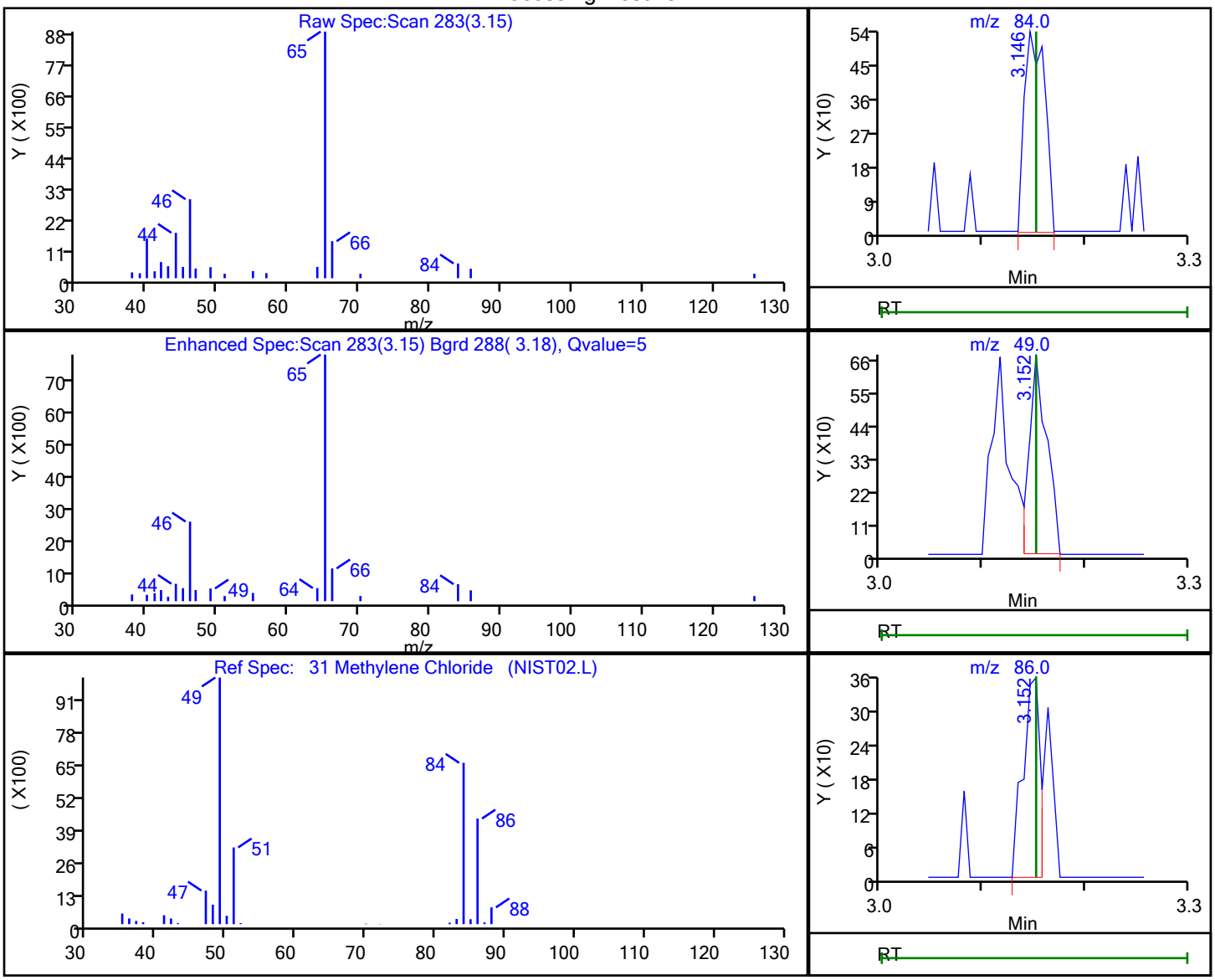
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.15	84.00	740	0.241539
3.15	49.00	804	
3.15	86.00	418	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

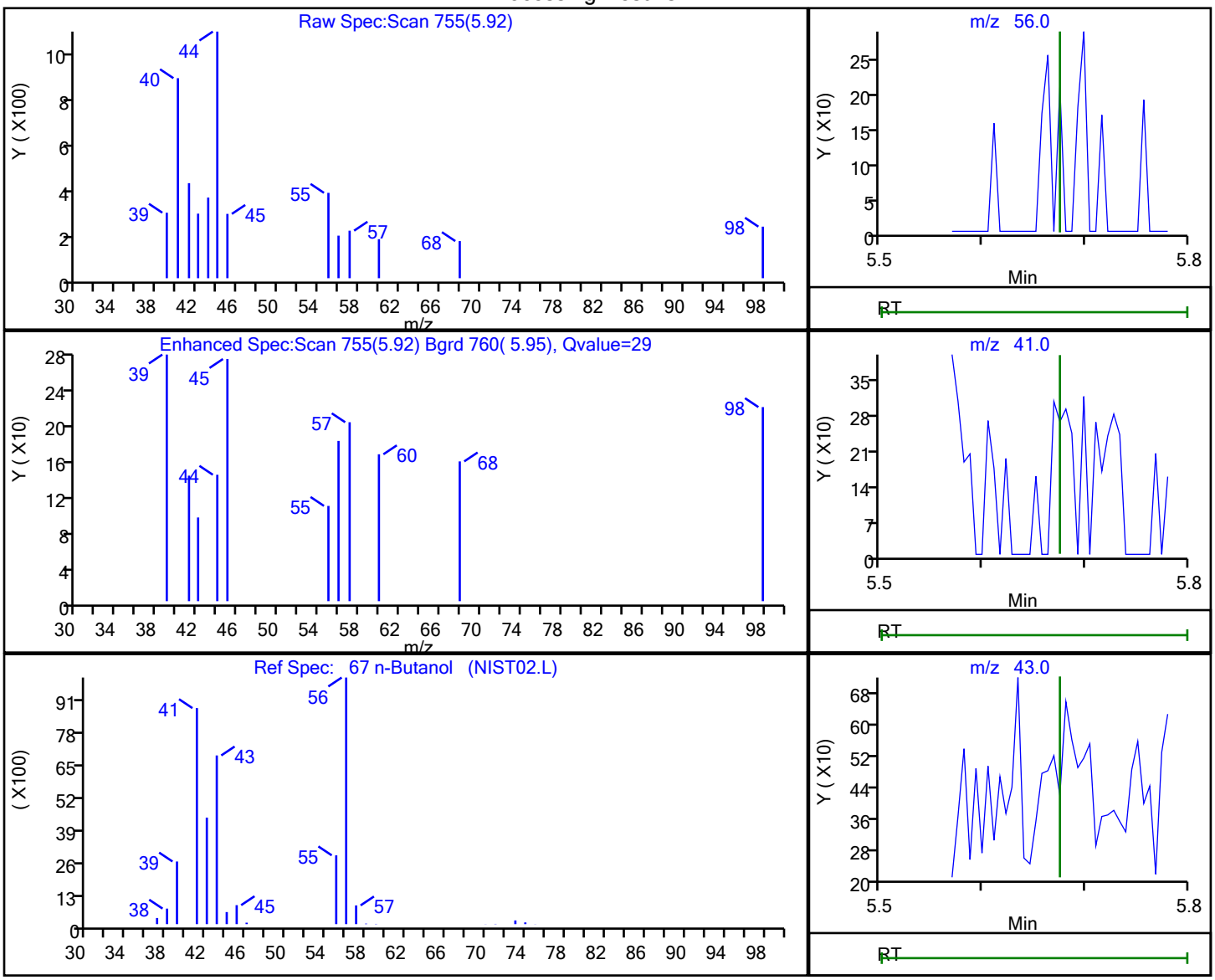
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.92	56.00	127	2.836108
5.92	41.00	18	
5.92	43.00	472	

Reviewer: NN6A, 14-May-2025 20:42:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

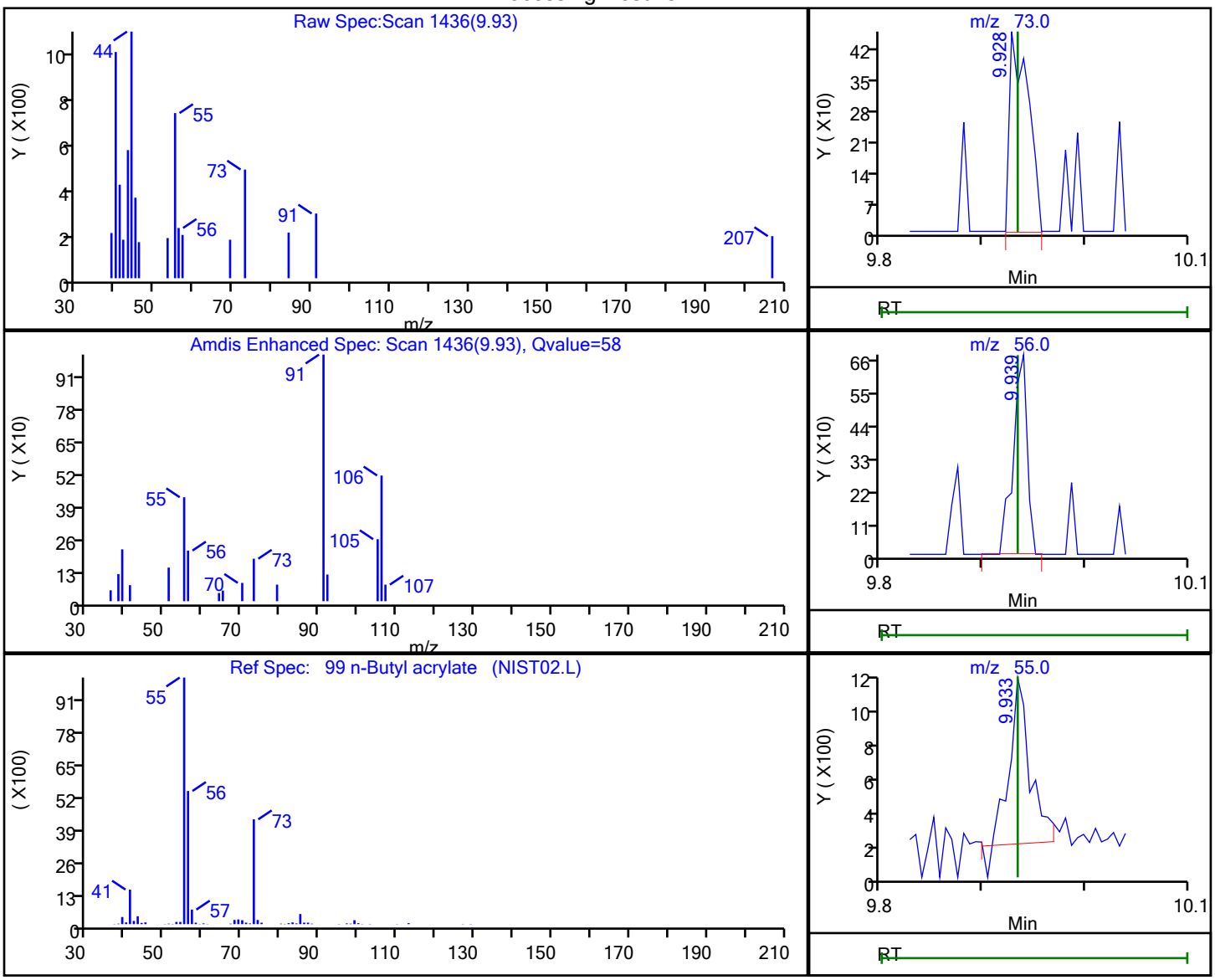
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

99 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
9.93	73.00	575	0.371626
9.94	56.00	650	
9.93	55.00	1323	

Reviewer: NN6A, 14-May-2025 20:43:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

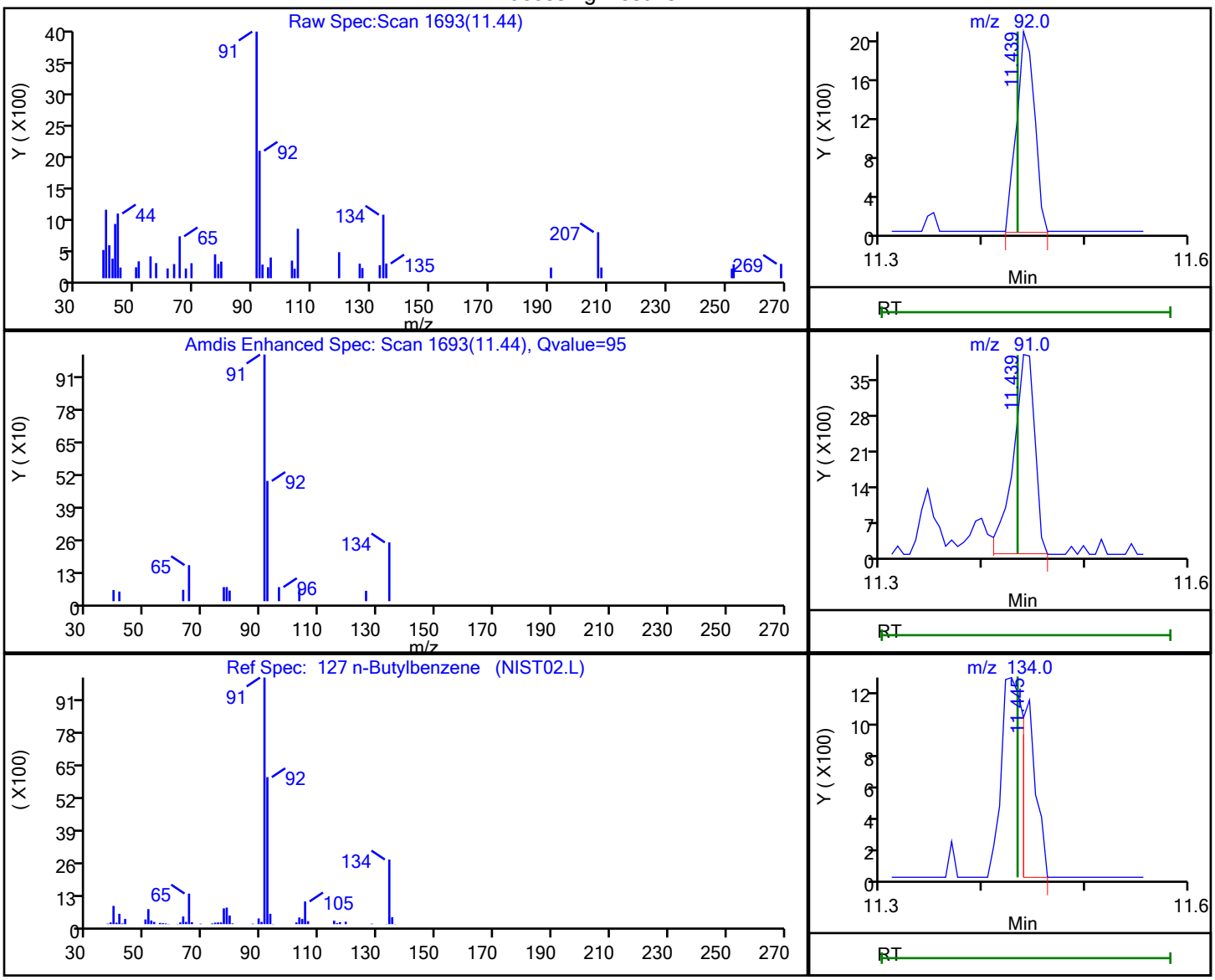
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.44	92.00	2460	0.590869
11.44	91.00	5757	
11.45	134.00	1069	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

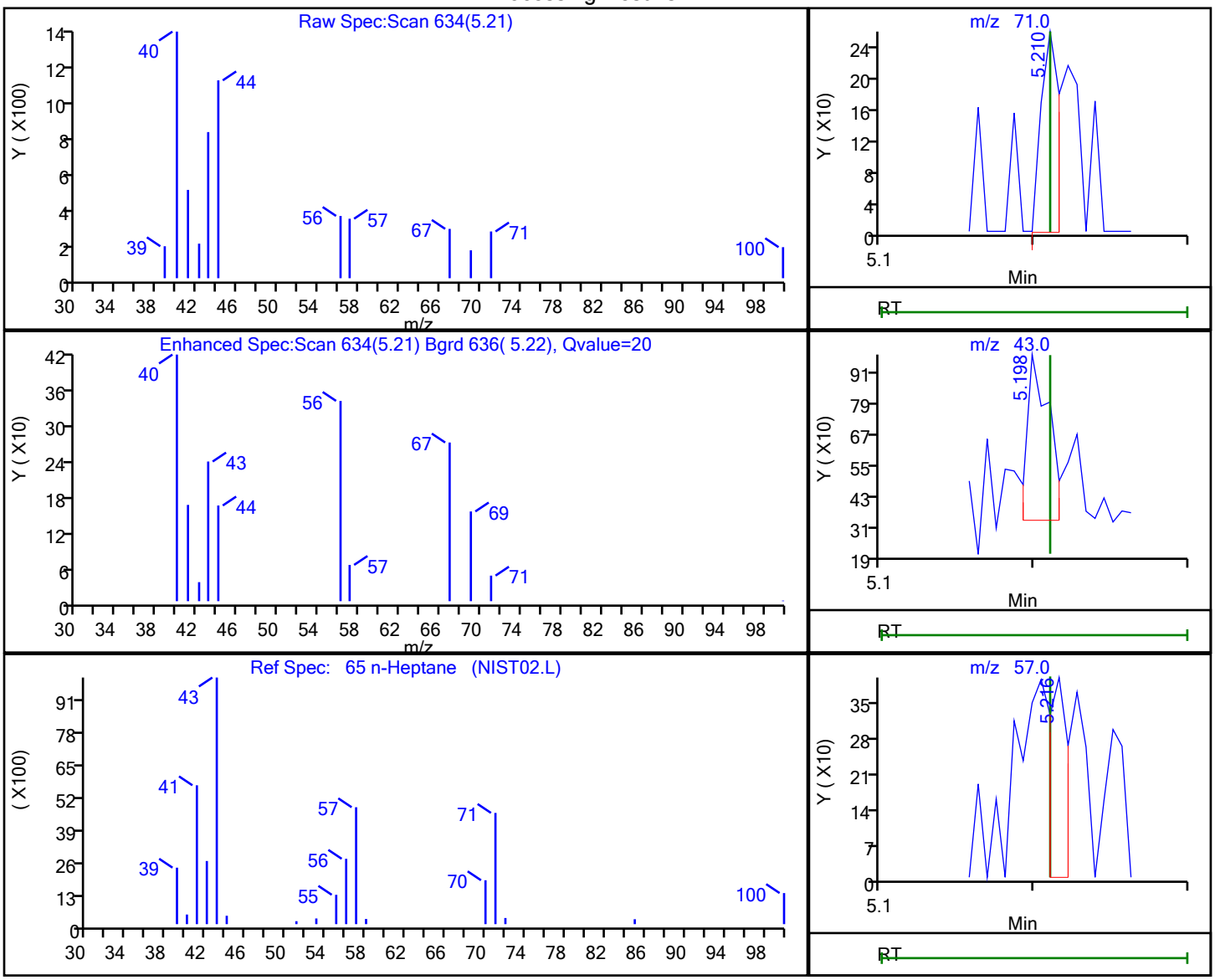
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.21	71.00	208	0.250052
5.20	43.00	645	
5.22	57.00	345	

Reviewer: NN6A, 14-May-2025 20:42:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

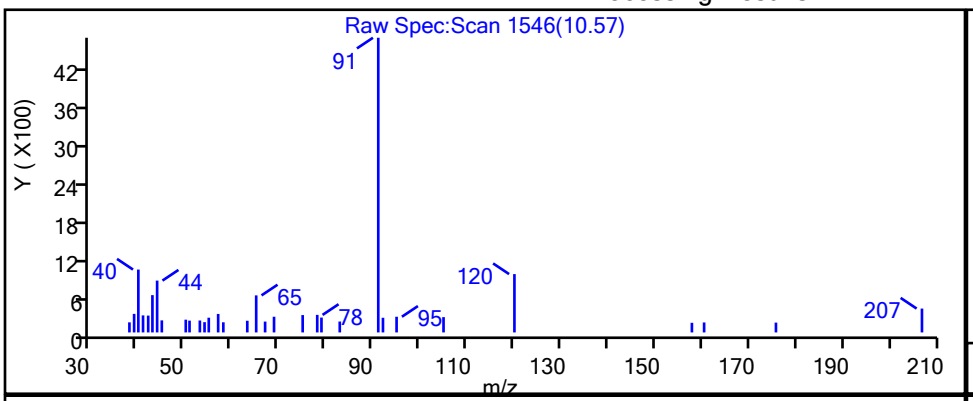
User Disabled Compound Report

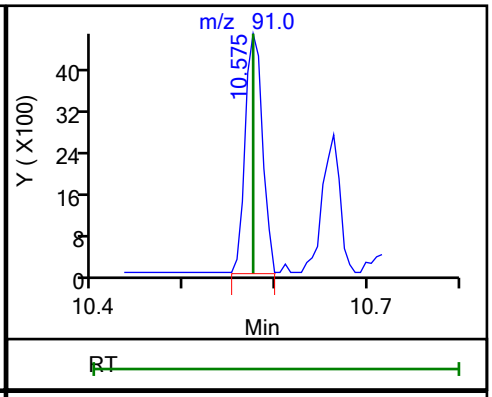
Eurofins Edison

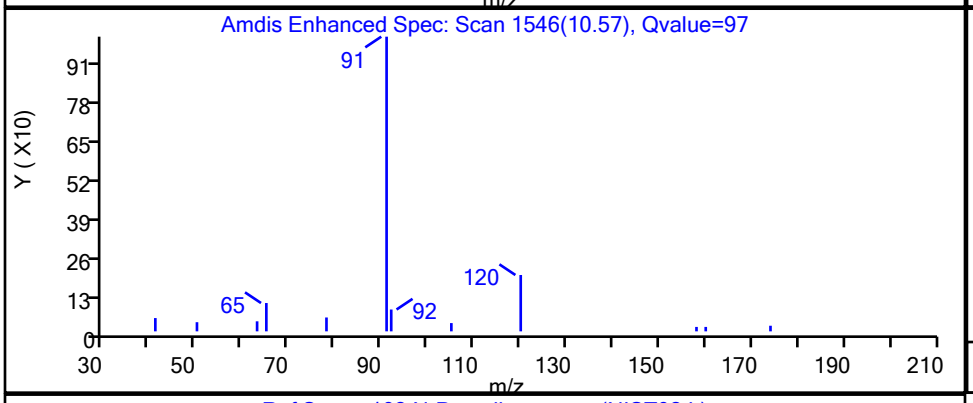
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

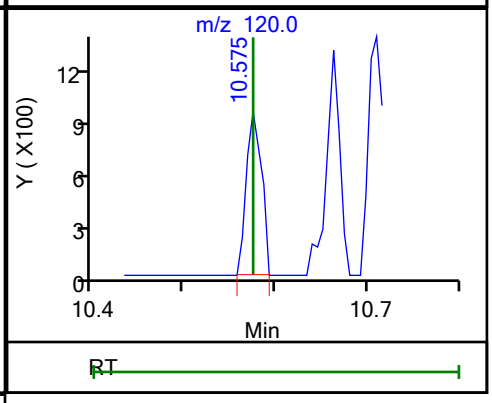
108 N-Propylbenzene, CAS: 103-65-1

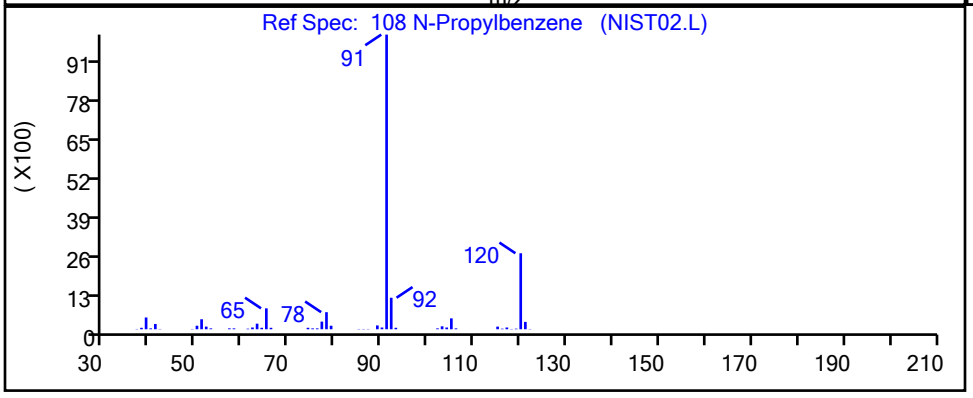
Processing Results











RT	Mass	Response	Amount
10.57	91.00	6054	0.474524
10.57	120.00	1066	

Reviewer: NN6A, 14-May-2025 20:43:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

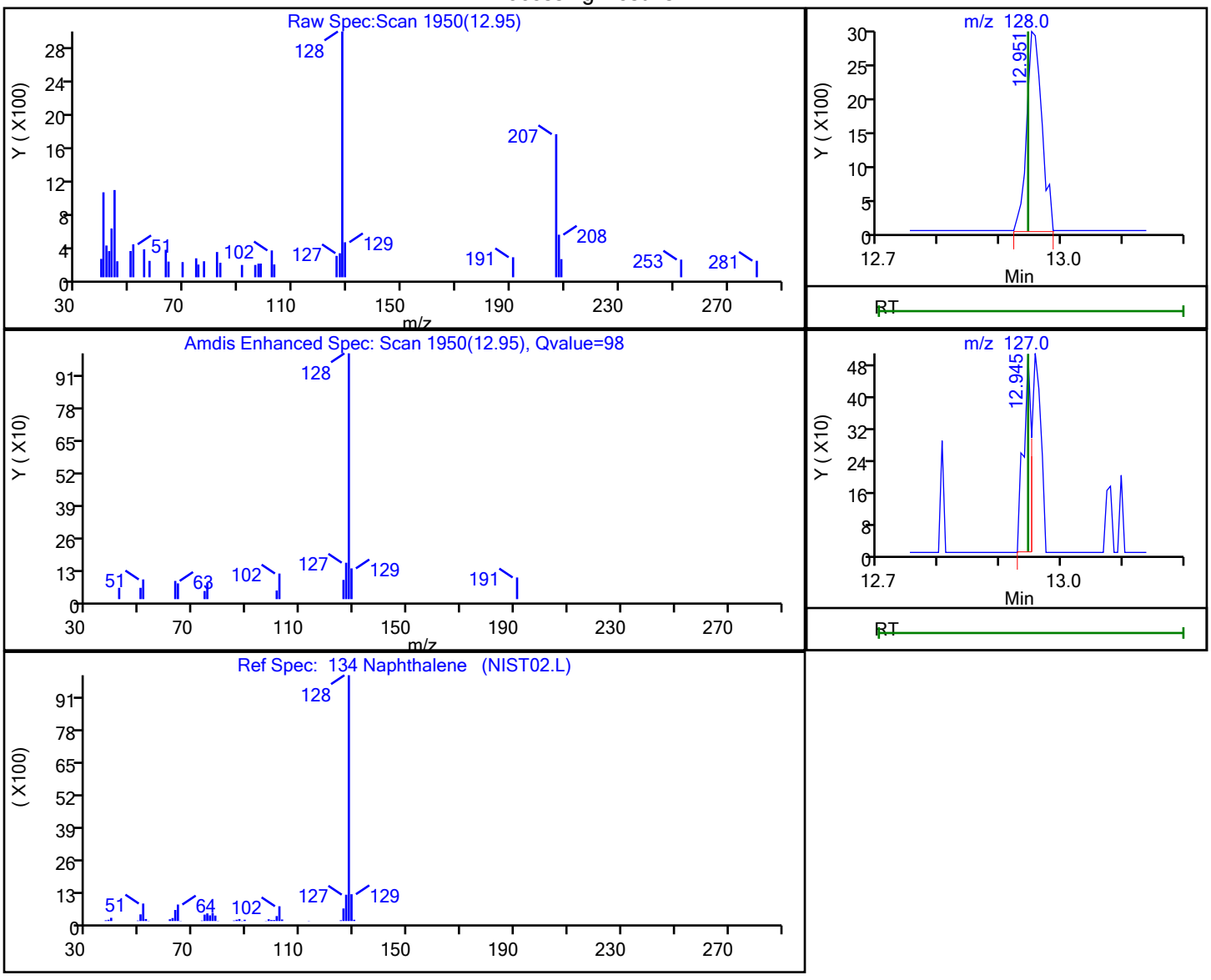
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.95	128.00	5171	1.351138
12.94	127.00	457	

Reviewer: NN6A, 14-May-2025 20:43:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

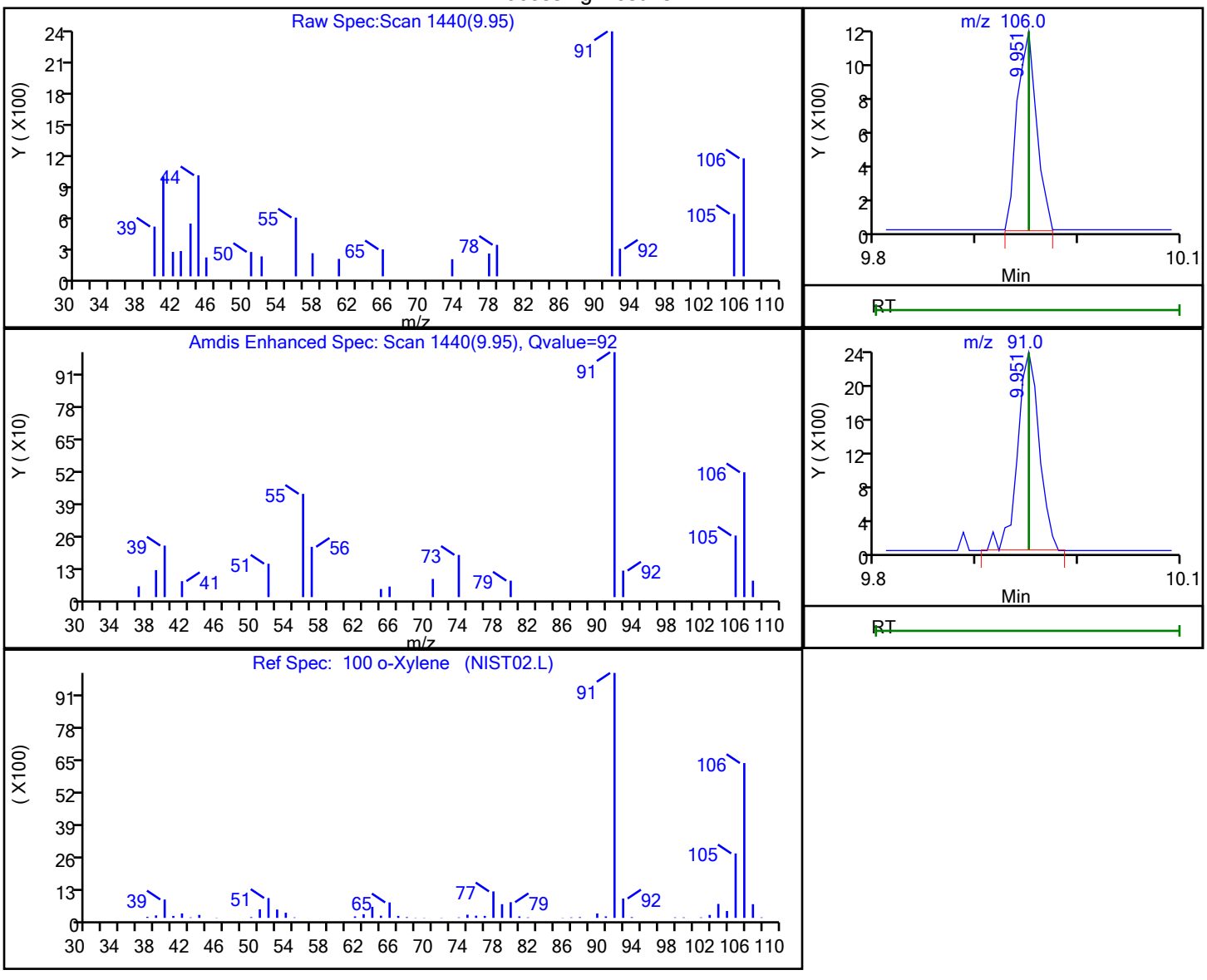
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

100 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
9.95	106.00	1489	0.286379
9.95	91.00	3479	

Reviewer: NN6A, 14-May-2025 20:43:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

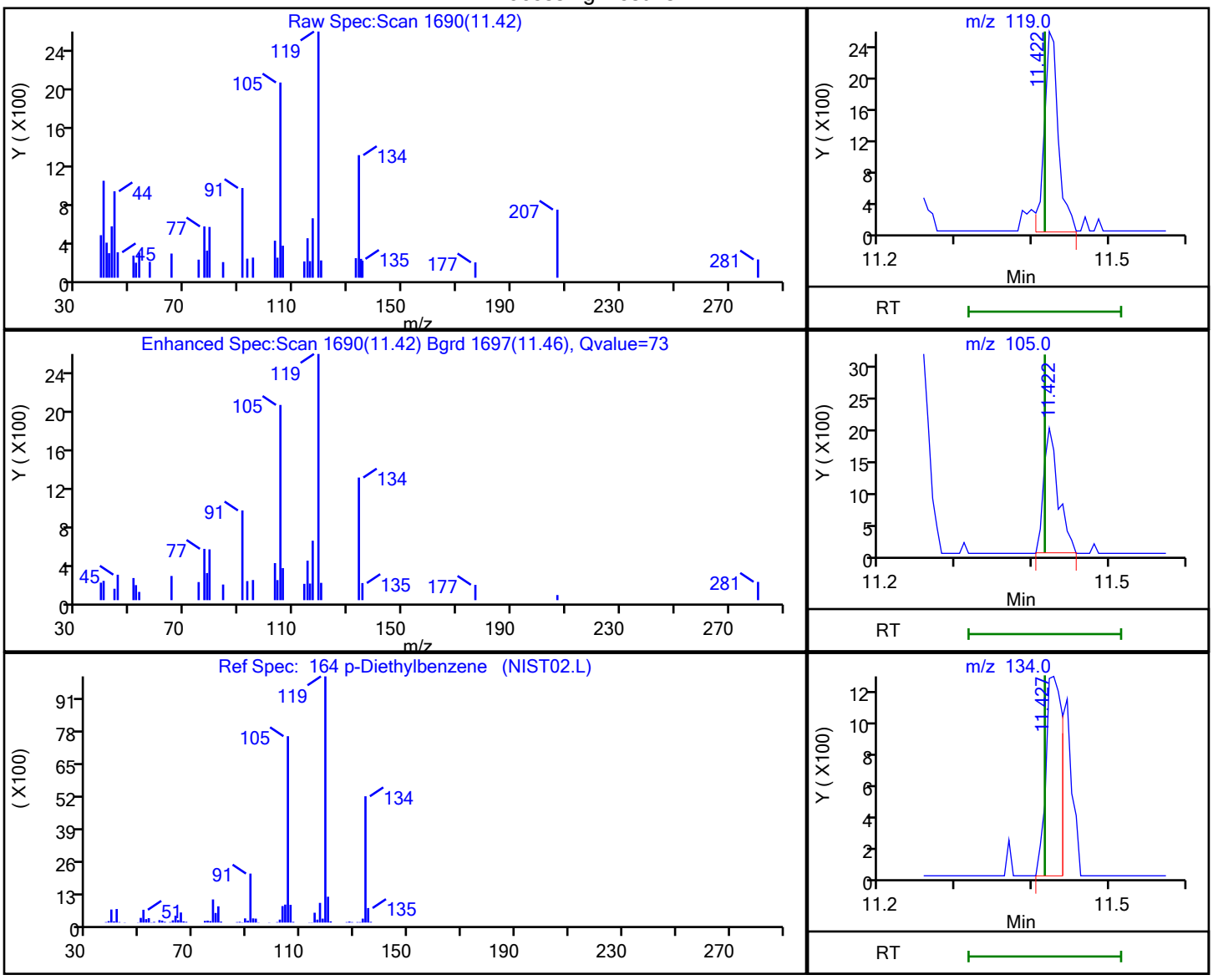
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

164 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.42	119.00	3169	0.638860
11.42	105.00	2652	
11.43	134.00	1879	

Reviewer: NN6A, 14-May-2025 20:43:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

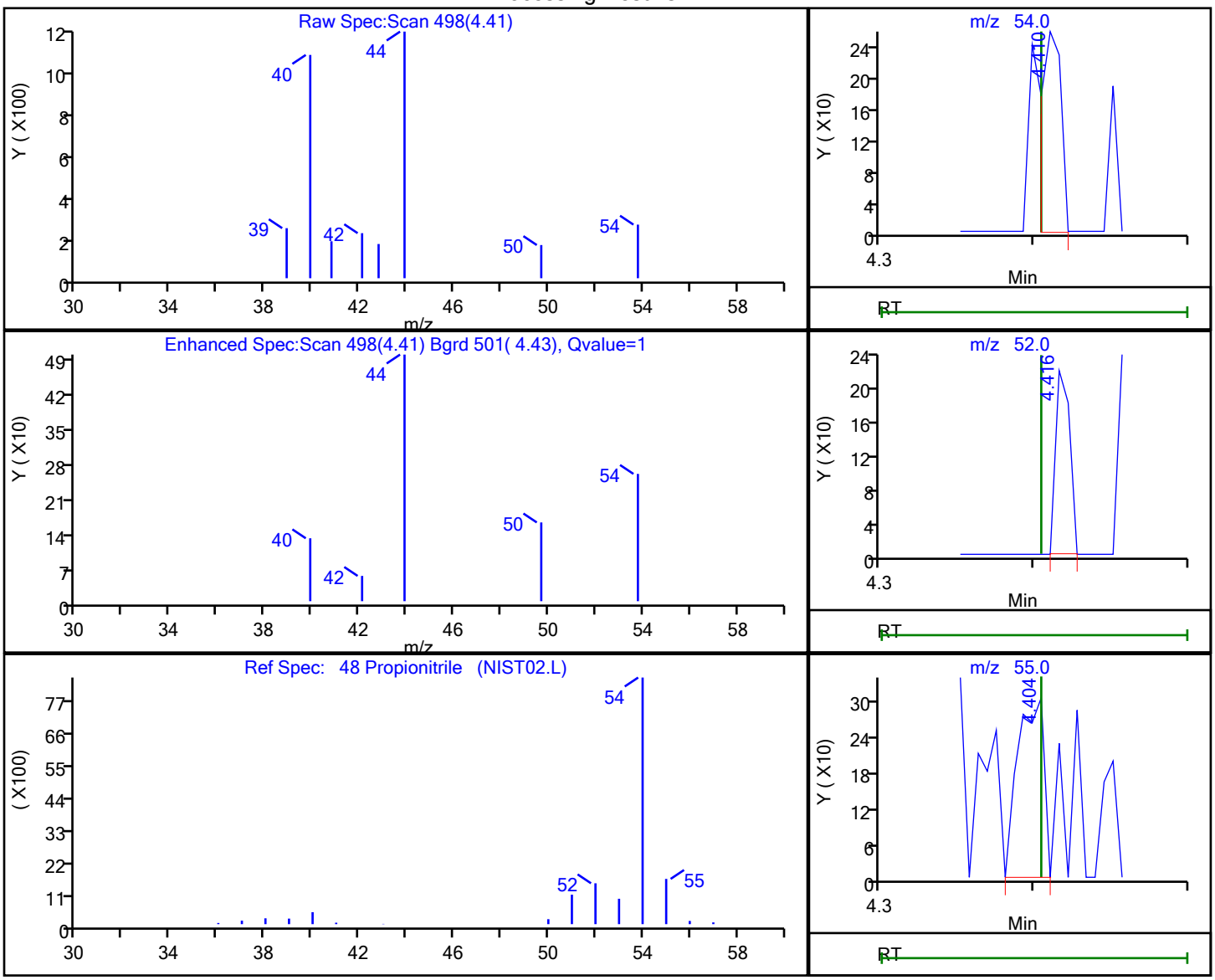
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.41	54.00	232	0.995189
4.42	52.00	140	
4.40	55.00	358	

Reviewer: NN6A, 14-May-2025 20:42:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

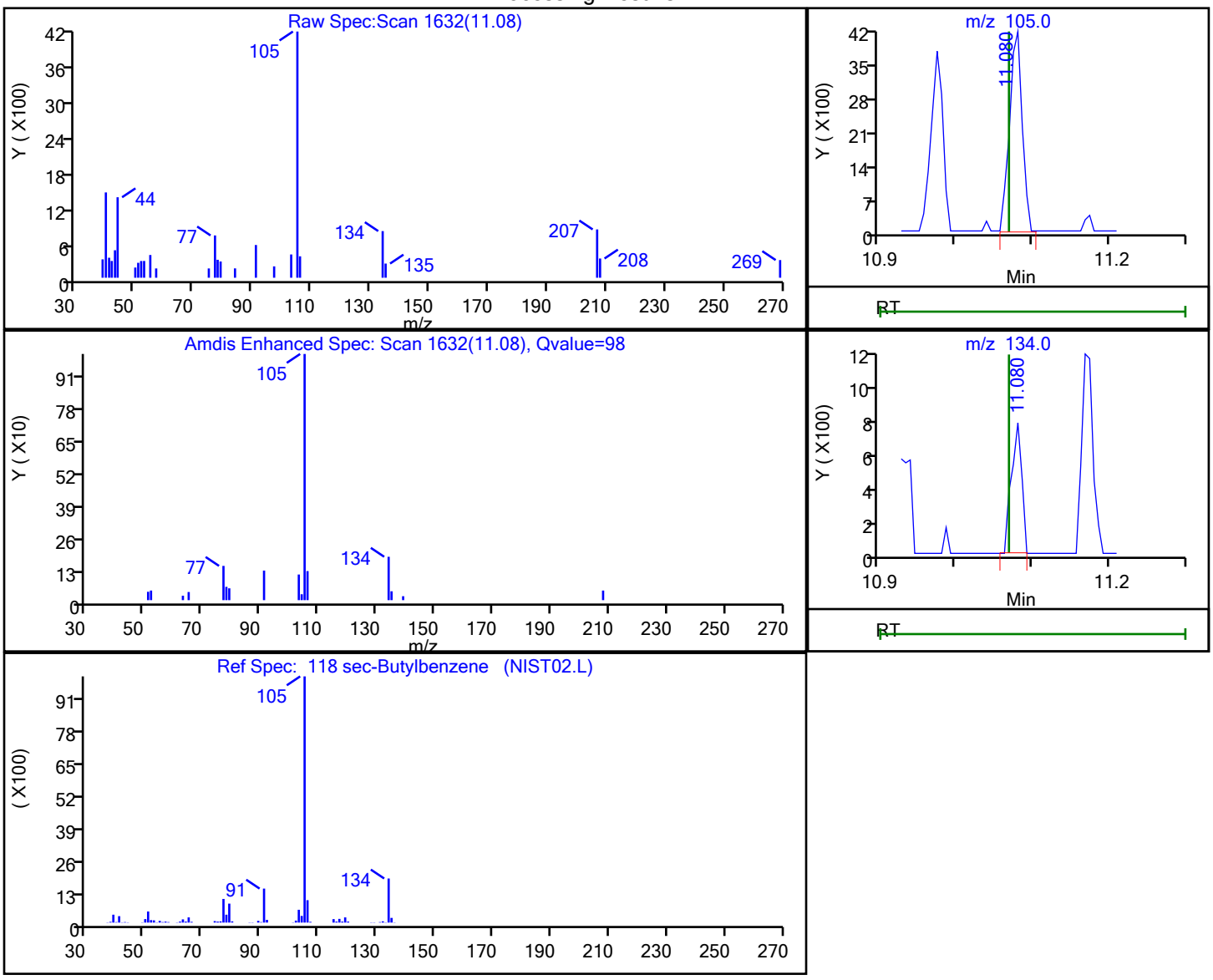
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
11.08	105.00	4770	
11.08	134.00	750	0.402842

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

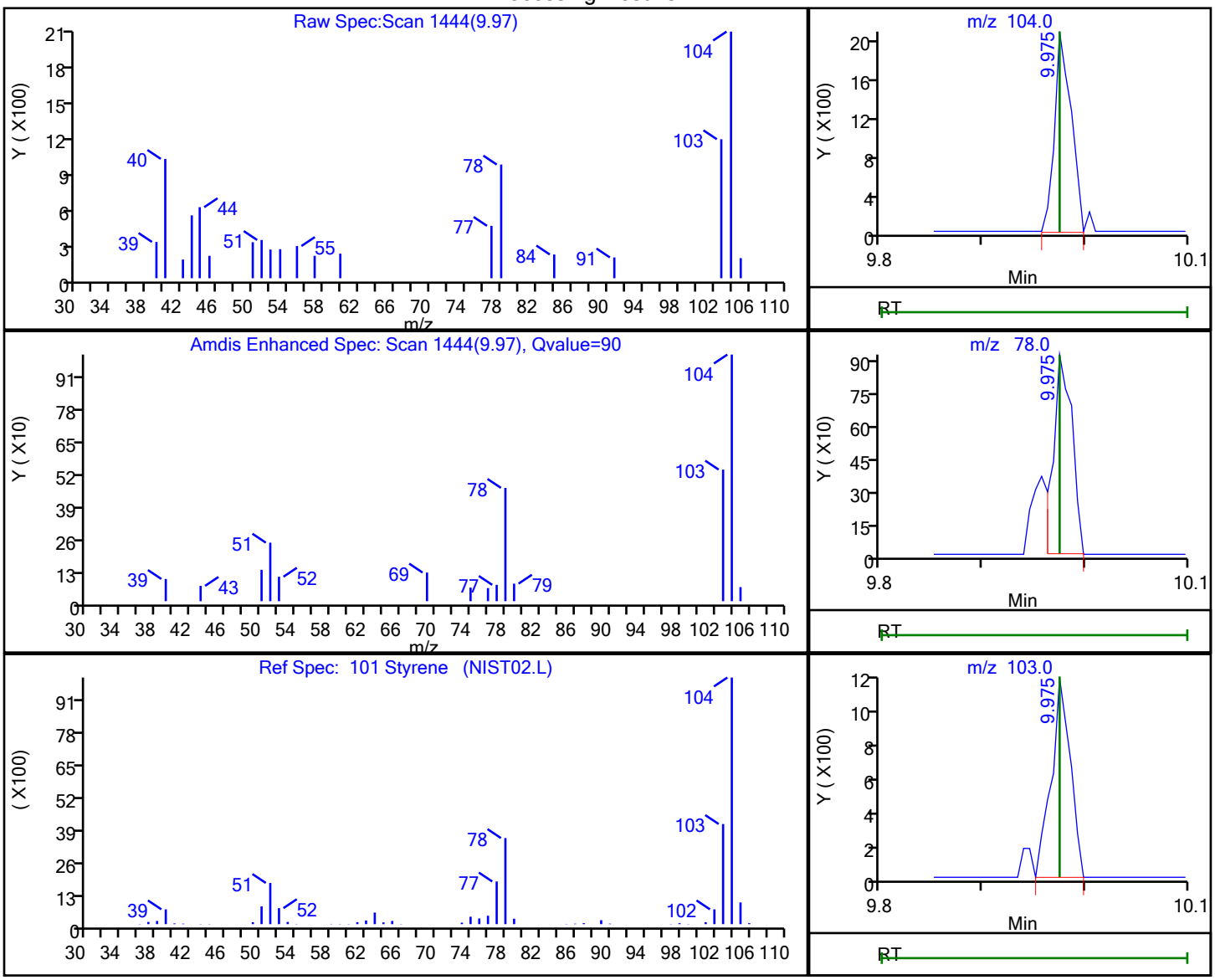
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
9.97	104.00	2271	0.269316
9.97	78.00	1181	
9.97	103.00	1465	

Reviewer: NN6A, 14-May-2025 20:43:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

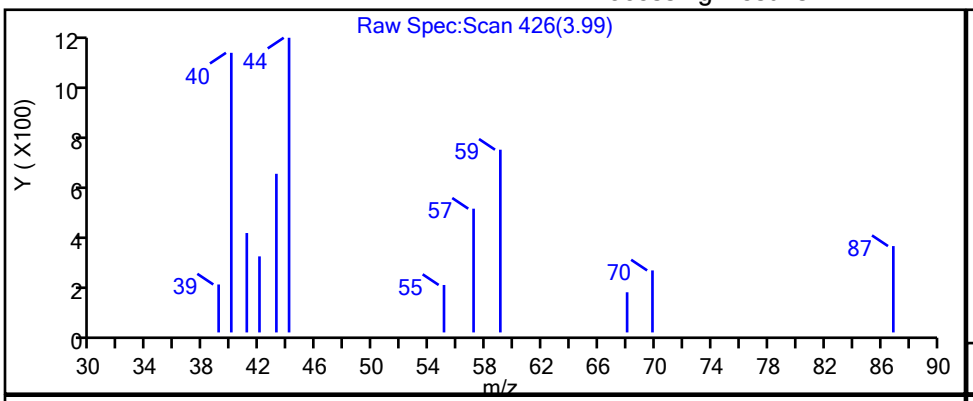
User Disabled Compound Report

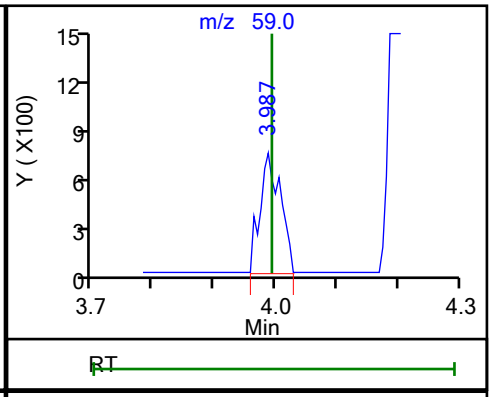
Eurofins Edison

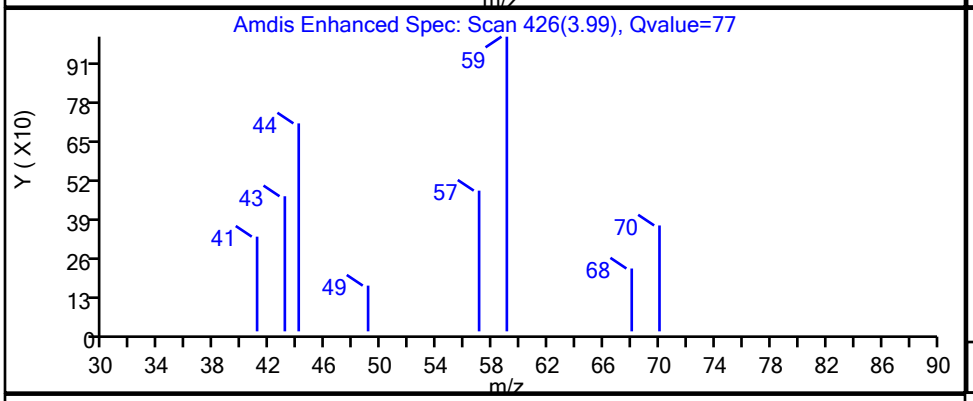
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

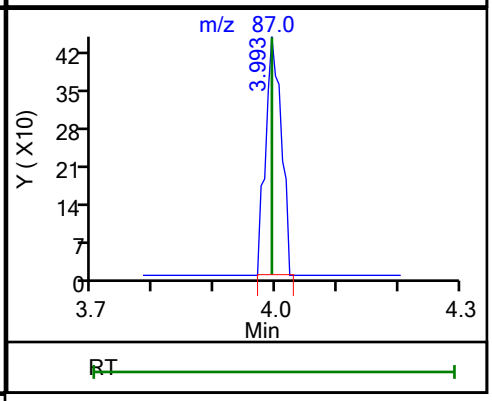
41 Tert-butyl ethyl ether, CAS: 637-92-3

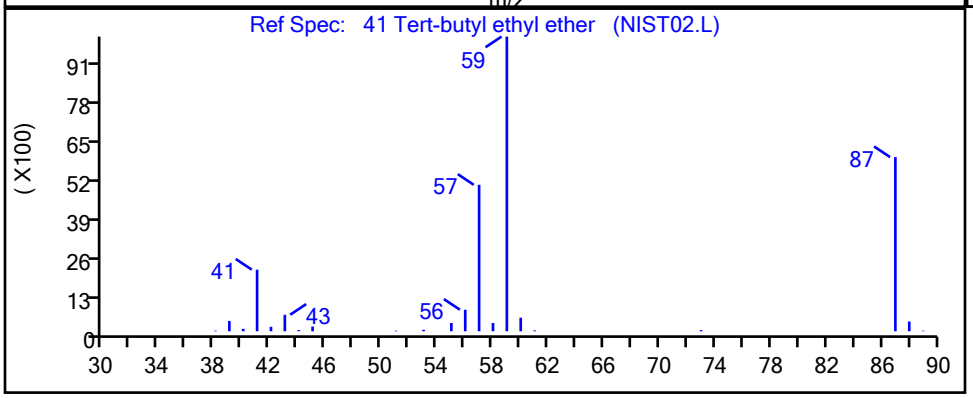
Processing Results











RT	Mass	Response	Amount
3.99	59.00	1705	0.218129
3.99	87.00	796	

Reviewer: NN6A, 14-May-2025 20:42:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

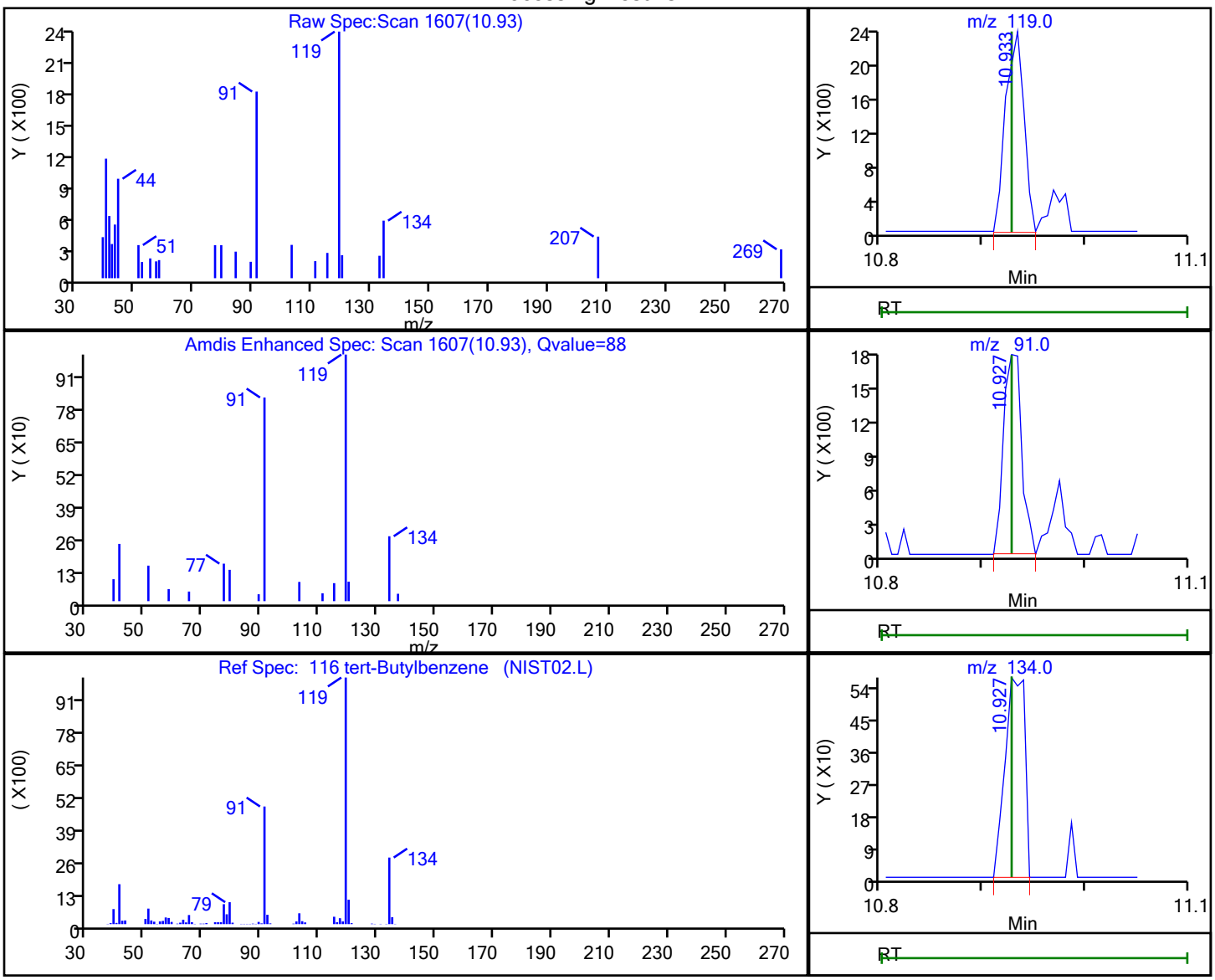
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.93	119.00	2909	0.422715
10.93	91.00	2214	
10.93	134.00	766	

Reviewer: NN6A, 14-May-2025 20:43:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

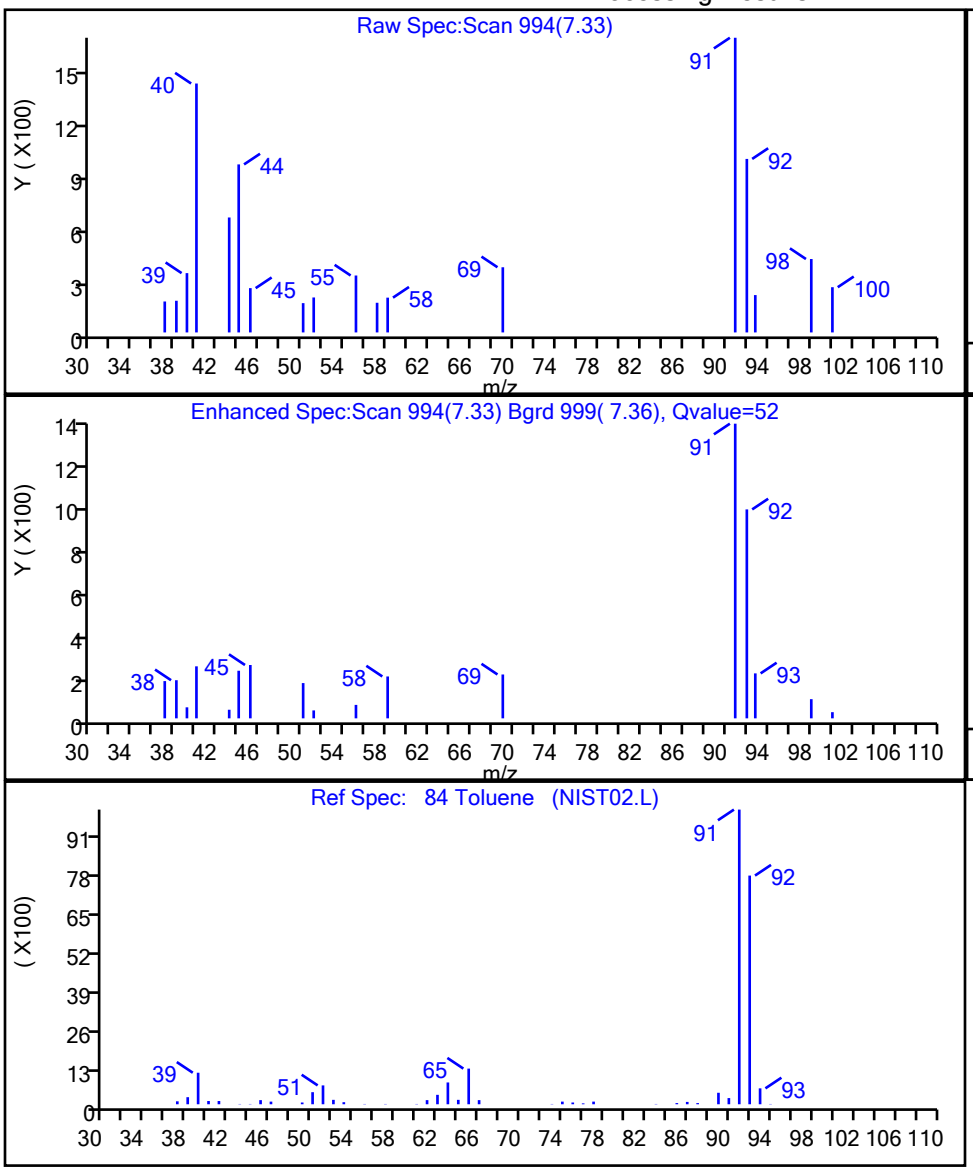
User Disabled Compound Report

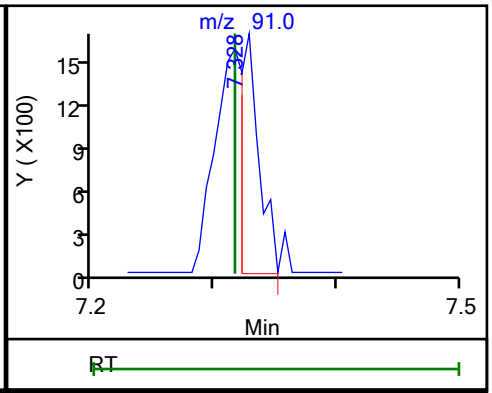
Eurofins Edison

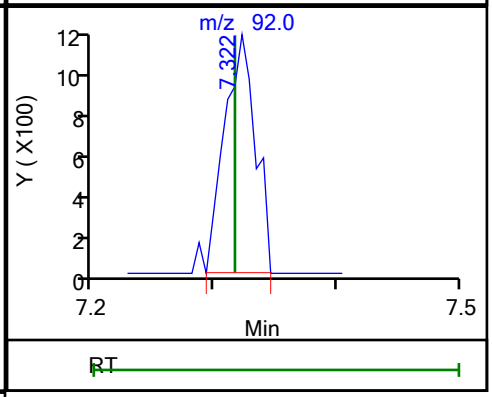
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Toluene, CAS: 108-88-3

Processing Results







RT	Mass	Response	Amount
7.33	91.00	1687	0.150270
7.32	92.00	2056	

Reviewer: NN6A, 14-May-2025 20:42:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

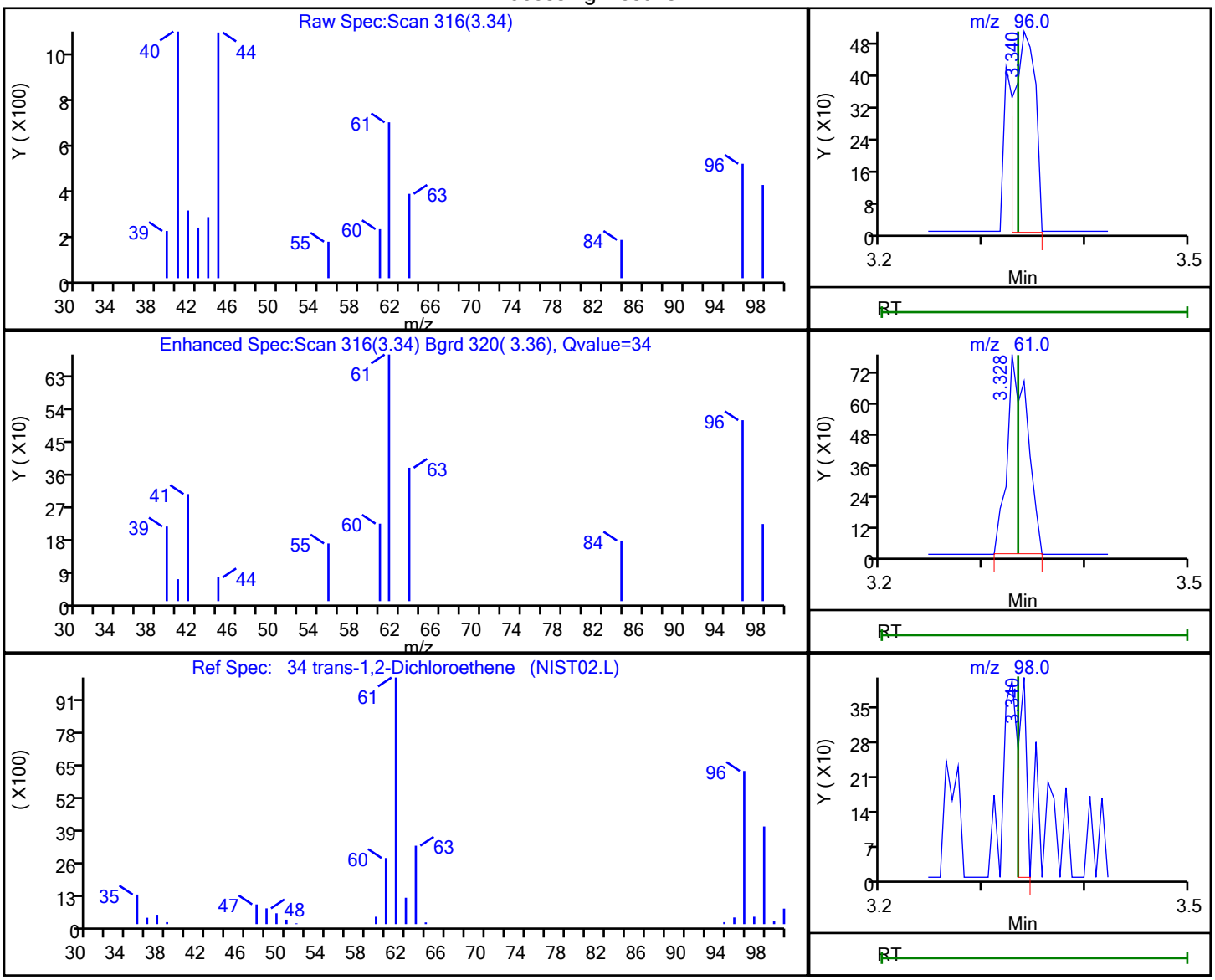
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
3.34	96.00	721	0.238736
3.33	61.00	1091	
3.34	98.00	236	

Reviewer: NN6A, 14-May-2025 20:42:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

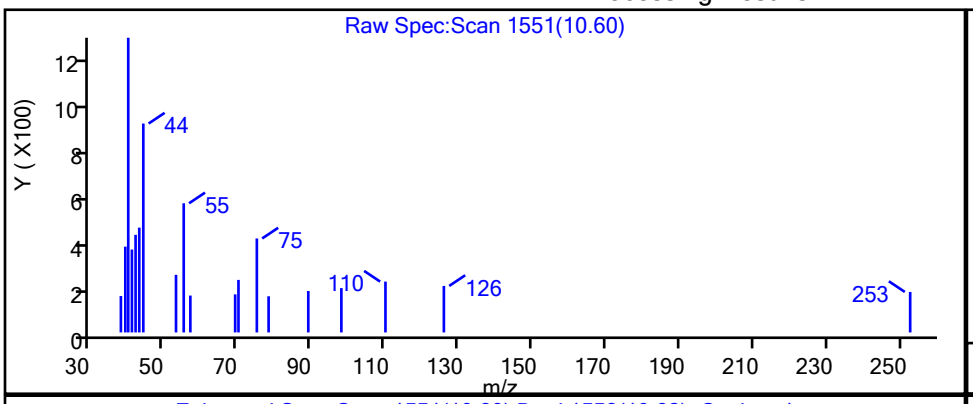
User Disabled Compound Report

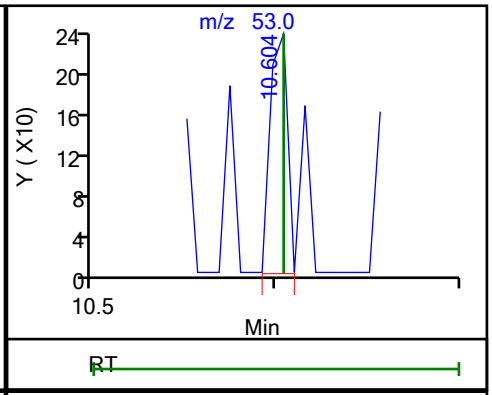
Eurofins Edison

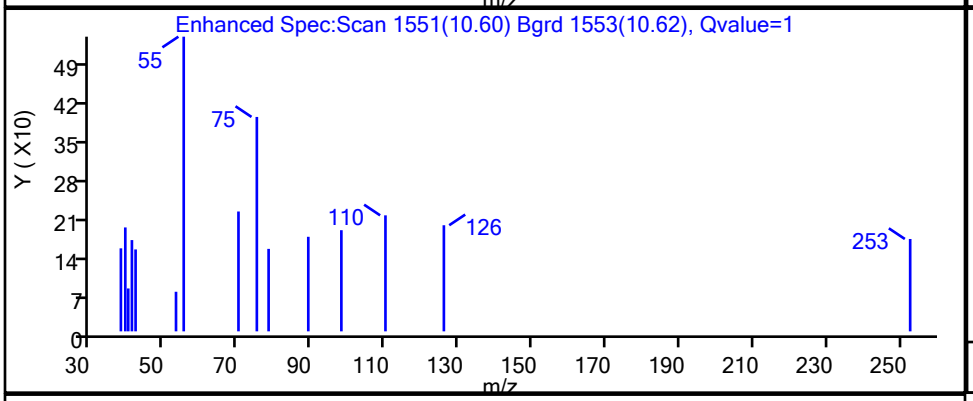
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26573.D
Injection Date: 14-May-2025 10:21:30 Instrument ID: CVOAMS1
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

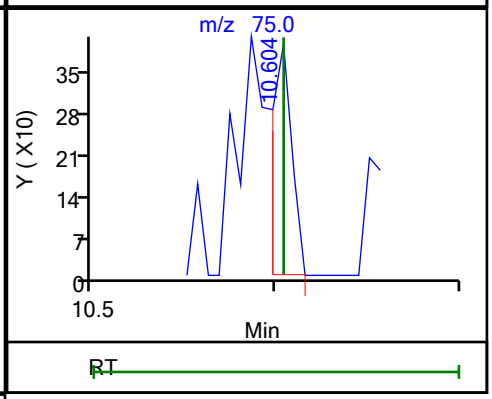
109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

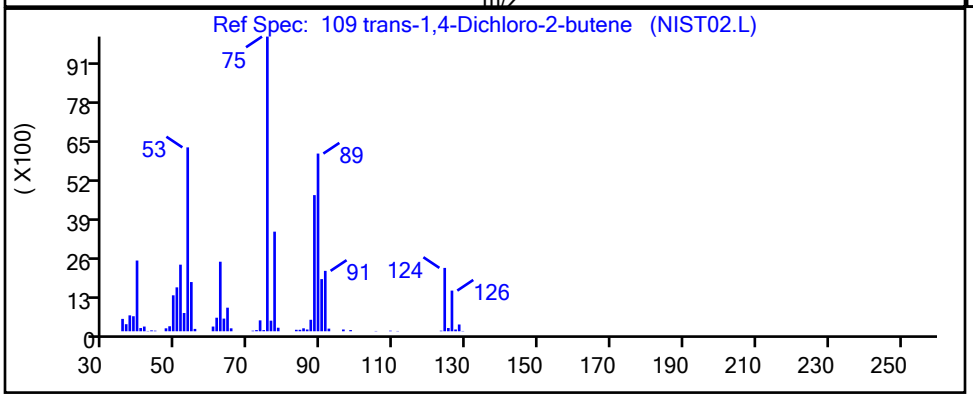
Processing Results











RT	Mass	Response	Amount
10.60	53.00	158	0.252378
10.60	75.00	295	

Reviewer: NN6A, 14-May-2025 20:43:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 14-May-2025 10:45:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0190761-020
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:10:16 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: KG2Q Date: 14-May-2025 11:22:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.511	1.510	0.001	17	555	1.00	1.04	a
4 Dichlorodifluoromethane	85	1.534	1.540	-0.006	97	3805	1.00	1.04	
165 Chlorodifluoromethane	51	1.569	1.558	0.011	36	3221	1.00	1.04	
6 Chloromethane	50	1.728	1.728	0.000	98	3945	1.00	1.01	
7 Vinyl chloride	62	1.793	1.793	0.000	96	3234	1.00	0.9504	
172 Butadiene	39	1.811	1.810	0.000	94	3274	1.00	1.06	
9 Bromomethane	94	2.069	2.069	0.000	95	2147	1.00	0.9581	
10 Chloroethane	64	2.146	2.146	0.000	94	2367	1.00	1.03	
174 Dichlorofluoromethane	67	2.299	2.299	0.000	97	6815	1.00	1.10	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	69	4776	1.00	1.09	
13 Pentane	72	2.352	2.352	0.000	95	1168	2.00	3.66	
14 Ethanol	46	2.493	2.475	0.018	1	811	40.0	40.4	Ma
15 Ethyl ether	59	2.528	2.528	0.000	95	3721	1.00	1.00	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	80	2544	1.00	1.11	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.563	2.557	0.006	84	2521	1.00	1.14	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	92	4125	1.00	1.08	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.693	2.687	0.006	91	2772	1.00	1.17	
19 Acrolein	56	2.699	2.693	0.006	56	1682	4.00	4.12	a
21 1,1-Dichloroethene	96	2.734	2.728	0.006	95	3001	1.00	1.19	
22 Acetone	58	2.805	2.810	-0.005	73	617	5.00	4.35	
24 Isopropyl alcohol	45	2.863	2.863	0.000	24	1184	10.0	12.1	a
23 Iodomethane	142	2.887	2.887	0.000	93	2926	1.00	0.9218	
25 Carbon disulfide	76	2.922	2.922	0.000	99	11055	1.00	1.32	
27 Methyl acetate	43	3.028	3.028	0.000	50	2261	2.00	2.01	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	88	2005	1.00	1.13	
166 Cyclopentene	67	3.057	3.052	0.005	86	8690	1.00	1.25	
29 Acetonitrile	41	3.099	3.099	0.000	20	2063	10.0	9.81	a
* 30 TBA-d9 (IS)	65	3.116	3.110	0.006	0	130439	1000.0	1000.0	
31 Methylene Chloride	84	3.157	3.152	0.005	89	2942	1.00	1.00	M
32 2-Methyl-2-propanol	59	3.187	3.181	0.006	91	1593	10.0	10.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.293	3.299	-0.006	92	6614	1.00	1.05	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	94	3077	1.00	1.06	
35 Acrylonitrile	53	3.405	3.404	0.001	97	5770	10.0	10.5	
36 Hexane	43	3.475	3.481	-0.006	87	2161	1.00	1.38	
37 Isopropyl ether	45	3.675	3.675	0.000	97	8942	1.00	1.09	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	85	5330	1.00	1.02	
39 Vinyl acetate	86	3.722	3.728	-0.006	99	647	2.00	1.56	
40 2-Chloro-1,3-butadiene	88	3.781	3.775	0.006	92	2776	1.00	1.10	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	89	7768	1.00	1.01	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	140405	250.0	250.0	
43 2,2-Dichloropropane	97	4.228	4.222	0.006	46	932	1.00	0.9160	
44 cis-1,2-Dichloroethene	96	4.252	4.251	0.001	92	3679	1.00	1.12	
46 Ethyl acetate	70	4.263	4.257	0.006	92	804	2.00	3.92	
45 2-Butanone (MEK)	72	4.269	4.263	0.006	97	1380	5.00	6.91	
47 Methyl acrylate	55	4.322	4.316	0.006	65	1974	1.00	1.30	a
48 Propionitrile	54	4.399	4.404	-0.005	82	2297	10.0	10.4	
50 Chlorobromomethane	128	4.487	4.487	0.000	48	1329	1.00	0.99	
49 Tetrahydrofuran	42	4.516	4.493	0.023	29	2461	2.00	2.05	
51 Methacrylonitrile	67	4.516	4.510	0.006	93	6819	10.0	9.48	
52 Chloroform	83	4.534	4.534	0.000	97	5442	1.00	1.04	
53 Cyclohexane	56	4.681	4.681	0.000	72	4498	1.00	1.19	
54 1,1,1-Trichloroethane	97	4.693	4.693	0.000	45	4723	1.00	1.07	
$ 55 Dibromofluoromethane (Surr)	113	4.699	4.699	0.001	96	131908	50.0	49.8	
56 Carbon tetrachloride	117	4.822	4.822	0.000	92	3593	1.00	1.01	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	92	4395	1.00	1.13	
58 Isobutyl alcohol	43	4.957	4.946	0.011	15	1871	25.0	28.5	a
59 Isooctane	57	5.022	5.022	0.000	86	6494	1.00	1.43	
60 Benzene	78	5.063	5.069	-0.006	47	12516	1.00	1.08	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	131906	50.0	50.0	
62 Isopropyl acetate	61	5.075	5.104	-0.029	32	3214	1.00	1.01	a
63 Tert-amyl methyl ether	87	5.122	5.110	0.012	94	2104	1.00	1.07	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	92	3461	1.00	1.00	
65 n-Heptane	71	5.216	5.210	0.006	69	1596	1.00	1.34	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	530729	50.0	50.0	
67 n-Butanol	56	5.681	5.675	0.006	67	1413	25.0	31.8	M
68 Trichloroethene	95	5.757	5.757	0.000	95	3056	1.00	1.00	
69 Ethyl acrylate	99	5.887	5.881	0.006	91	283	1.00	0.9593	a
70 Methylcyclohexane	83	5.893	5.893	0.000	81	3659	1.00	1.16	
71 1,2-Dichloropropane	63	6.081	6.075	0.006	87	3233	1.00	1.09	
* 73 1,4-Dioxane-d8	96	6.128	6.134	-0.006	0	15598	1000.0	1000.0	
72 Methyl methacrylate	69	6.146	6.151	-0.005	52	3273	2.00	2.43	
75 1,4-Dioxane	88	6.193	6.198	-0.005	27	546	50.0	32.3	
74 n-Propyl acetate	43	6.210	6.204	0.006	31	2779	1.00	1.23	M
76 Dibromomethane	93	6.210	6.222	-0.012	48	1438	1.00	0.9662	M
77 Dichlorobromomethane	83	6.398	6.381	0.017	96	3886	1.00	1.00	a
79 2-Nitropropane	41	6.763	6.757	0.006	77	1385	2.00	2.05	
80 Epichlorohydrin	57	6.881	6.887	-0.006	17	2847	20.0	23.8	a
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	90	5223	1.00	1.08	
82 4-Methyl-2-pentanone (MIBK)	43	7.128	7.128	0.000	95	7970	5.00	5.52	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	493898	50.0	50.3	
84 Toluene	91	7.316	7.316	0.000	95	13335	1.00	1.14	
86 trans-1,3-Dichloropropene	75	7.728	7.722	0.006	94	4017	1.00	1.03	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.751	7.745	0.006	38	2466	1.00	0.9299	
87 1,1,2-Trichloroethane	83	7.975	7.987	-0.012	38	1804	1.00	1.07	M
88 Tetrachloroethene	166	8.034	8.034	0.000	91	2665	1.00	0.99	
89 1,3-Dichloropropane	76	8.251	8.257	-0.006	89	3325	1.00	0.9448	
90 2-Hexanone	58	8.339	8.339	0.000	96	2661	5.00	4.81	M
91 n-Butyl acetate	73	8.492	8.492	0.000	43	378	1.00	0.8536	
92 Chlorodibromomethane	129	8.569	8.563	0.006	82	2370	1.00	1.06	
93 Ethylene Dibromide	107	8.763	8.763	0.000	96	2246	1.00	1.12	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	86	364092	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	93	8190	1.00	1.11	
96 Ethylbenzene	106	9.439	9.433	0.006	97	4794	1.00	1.17	
97 1,1,1,2-Tetrachloroethane	131	9.445	9.445	0.000	38	1887	1.00	0.7625	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	5758	1.00	1.17	
99 n-Butyl acrylate	73	9.939	9.933	0.006	94	1693	1.00	1.05	
100 o-Xylene	106	9.951	9.951	0.000	93	5485	1.00	1.14	
101 Styrene	104	9.975	9.975	0.000	97	8241	1.00	1.04	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	91	3501	1.00	1.14	
103 Bromoform	173	10.157	10.157	0.000	90	1245	1.00	0.9415	
104 Isopropylbenzene	105	10.251	10.251	0.000	95	11666	1.00	1.09	
$ 105 4-Bromofluorobenzene	174	10.416	10.416	0.000	88	137795	50.0	49.8	
107 Bromobenzene	156	10.528	10.528	0.000	98	3181	1.00	1.09	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	95	2047	1.00	1.02	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	16517	1.00	1.18	
110 1,2,3-Trichloropropane	110	10.592	10.592	0.000	47	513	1.00	0.9017	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.604	0.006	63	701	1.00	1.15	a
112 2-Chlorotoluene	91	10.663	10.657	0.006	91	11452	1.00	1.16	
169 4-Ethyltoluene	105	10.663	10.657	0.006	88	13752	1.00	1.18	
113 1,3,5-Trimethylbenzene	105	10.710	10.704	0.006	94	10543	1.00	1.16	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	10769	1.00	1.20	
114 Butyl Methacrylate	87	10.775	10.775	0.000	85	3785	1.00	1.15	
116 tert-Butylbenzene	119	10.928	10.928	0.000	91	8602	1.00	1.15	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	96	10413	1.00	1.11	
118 sec-Butylbenzene	134	11.075	11.069	0.006	98	2875	1.00	1.32	
119 4-Isopropyltoluene	119	11.169	11.163	0.006	97	11089	1.00	1.19	
120 1,3-Dichlorobenzene	146	11.175	11.175	0.000	88	5976	1.00	1.12	
* 121 1,4-Dichlorobenzene-d4	152	11.228	11.222	0.006	96	177075	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.245	11.239	0.006	94	6580	1.00	1.19	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	94	11110	1.00	1.16	
124 Benzyl chloride	91	11.339	11.339	0.000	98	4103	1.00	1.02	
162 2,3-Dihydroindene	117	11.392	11.386	0.006	95	10289	1.00	1.18	
164 p-Diethylbenzene	119	11.416	11.416	0.000	93	7100	1.00	1.29	
127 n-Butylbenzene	92	11.439	11.433	0.006	97	5799	1.00	1.29	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	91	5134	1.00	1.11	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	97	10460	1.00	1.34	
130 1,2-Dibromo-3-Chloropropane	157	12.075	12.069	0.006	5	370	1.00	1.15	
131 1,3,5-Trichlorobenzene	180	12.175	12.169	0.006	95	4032	1.00	1.34	
132 1,2,4-Trichlorobenzene	180	12.704	12.698	0.006	90	3516	1.00	1.03	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	86	1700	1.00	1.03	
134 Naphthalene	128	12.951	12.945	0.006	97	7127	1.00	1.03	
135 1,2,3-Trichlorobenzene	180	13.186	13.174	0.012	92	3006	1.00	2.03	a
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.18	
S 137 Xylenes, Total	100				0		2.00	2.31	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00205	Amount Added:	10.00	Units: uL	
524FREONS_00033	Amount Added:	10.00	Units: uL	
ACROLEIN W_00183	Amount Added:	4.00	Units: uL	
GASES Li_00641	Amount Added:	10.00	Units: uL	
14DIOXINTER_00184	Amount Added:	30.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:10:16 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1 Operator ID:

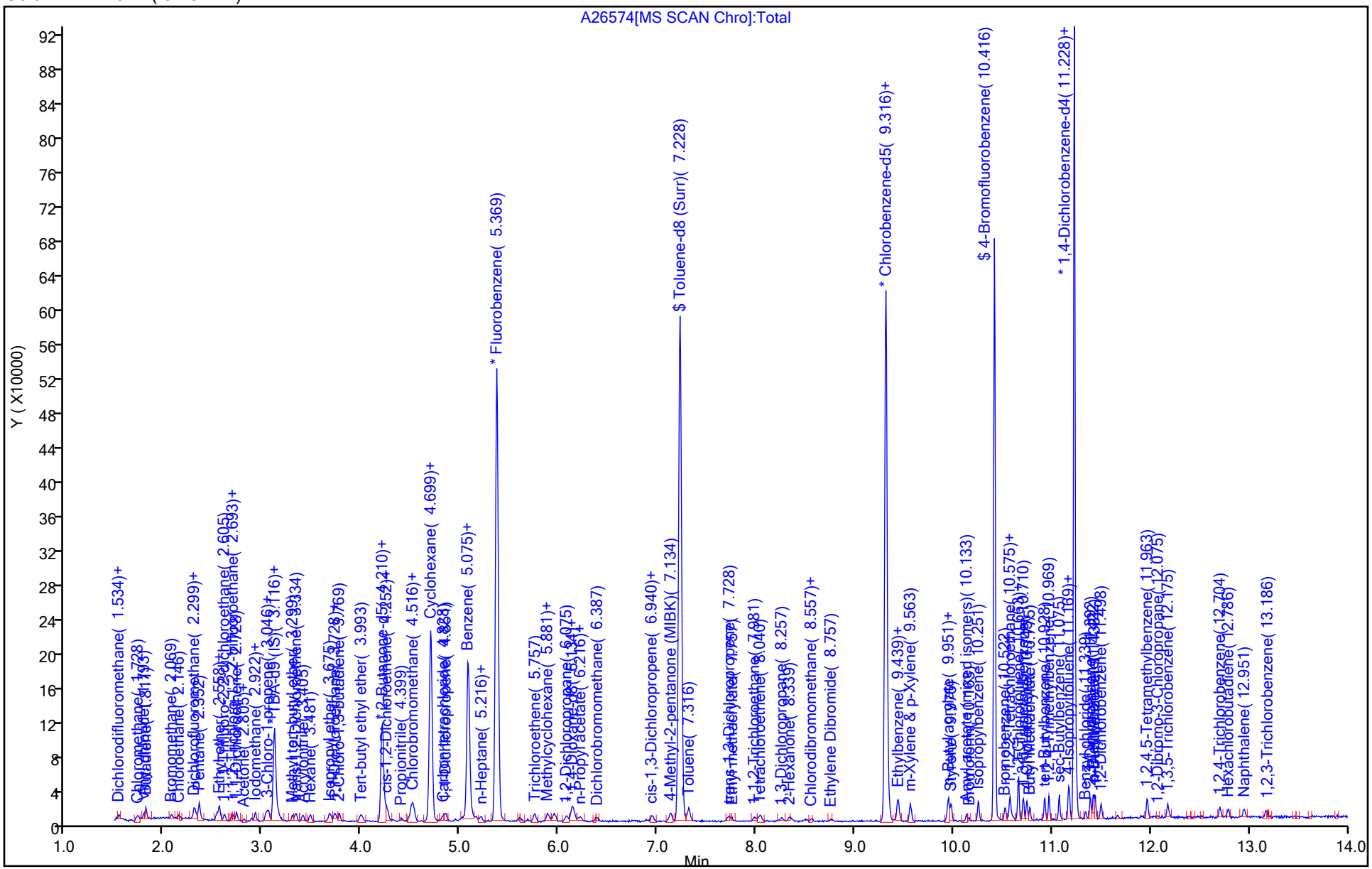
Lims ID: STD1 Worklist Smp#: 20

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 19

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

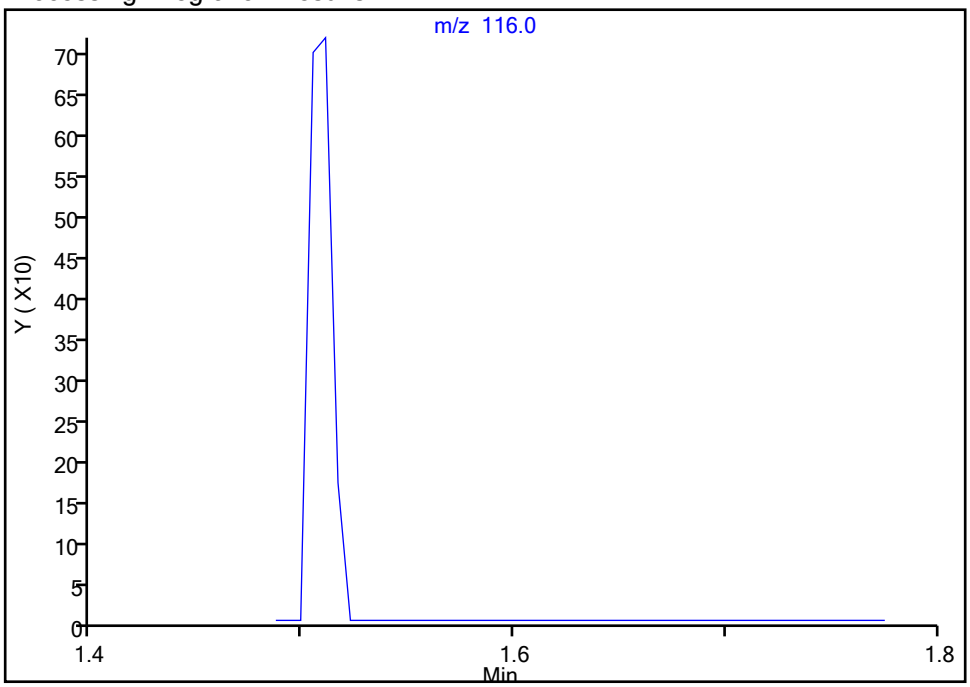
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

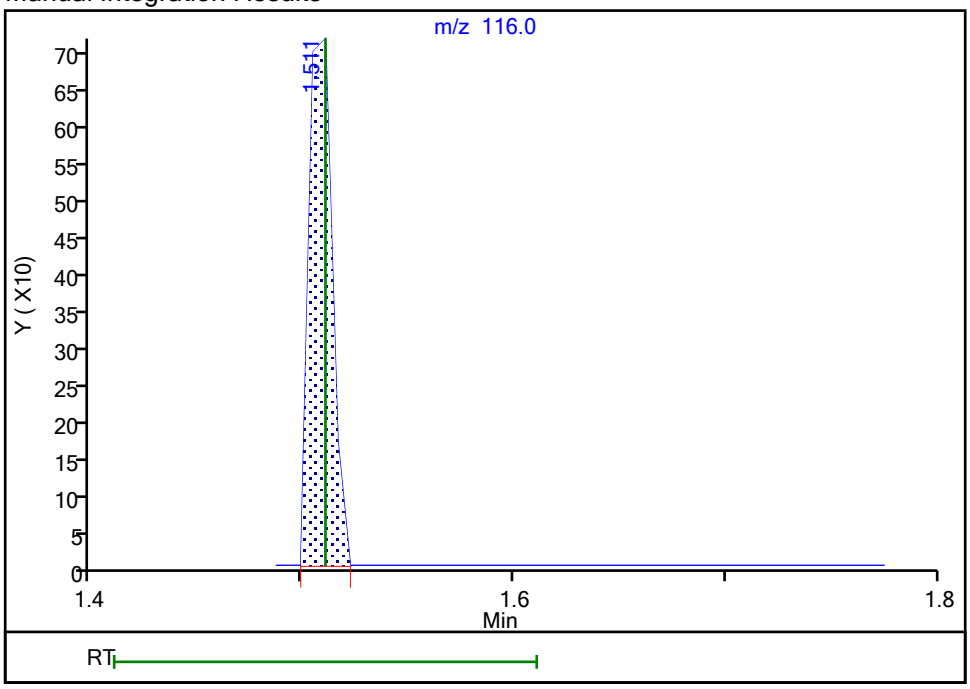
Not Detected
Expected RT: 1.51

Processing Integration Results



Manual Integration Results

RT: 1.51
Area: 555
Amount: 1.037662
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:33:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

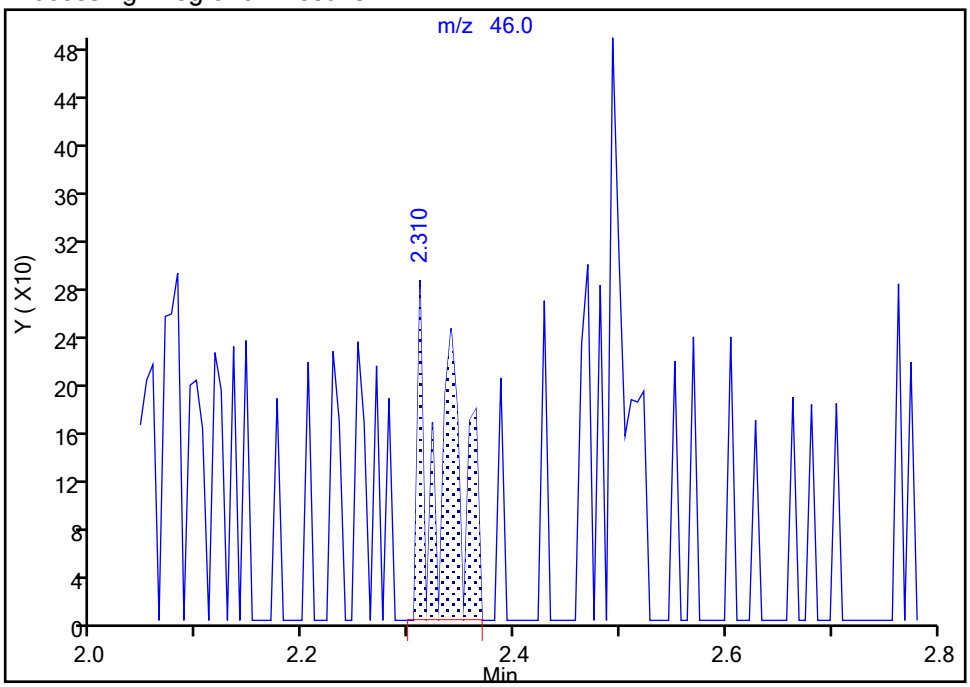
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

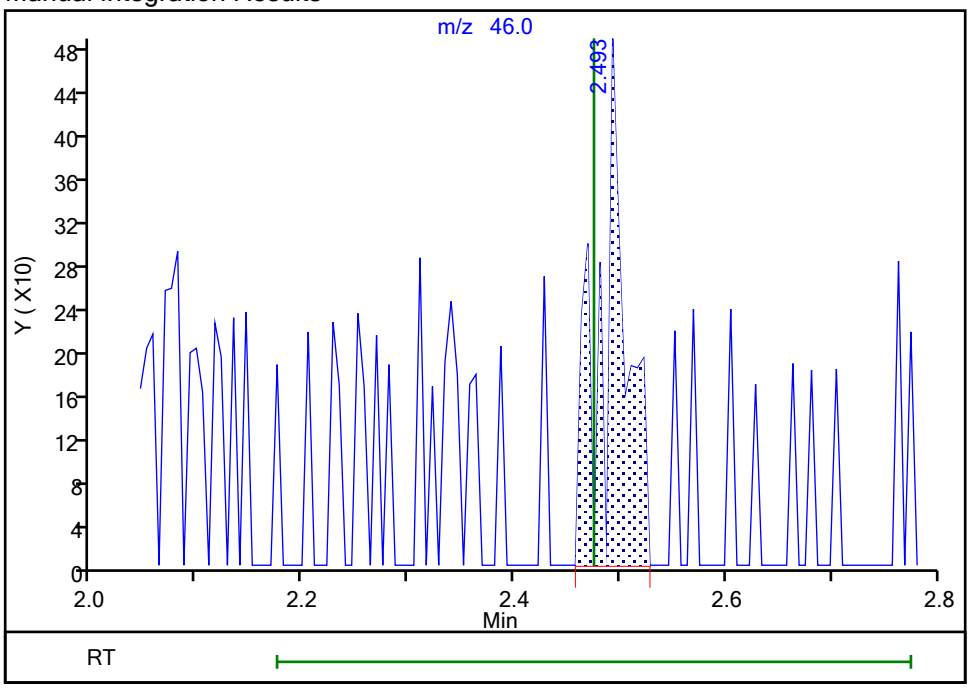
Processing Integration Results

RT: 2.31
Area: 491
Amount: 45.874552
Amount Units: ug/l



Manual Integration Results

RT: 2.49
Area: 811
Amount: 40.422131
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:34:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

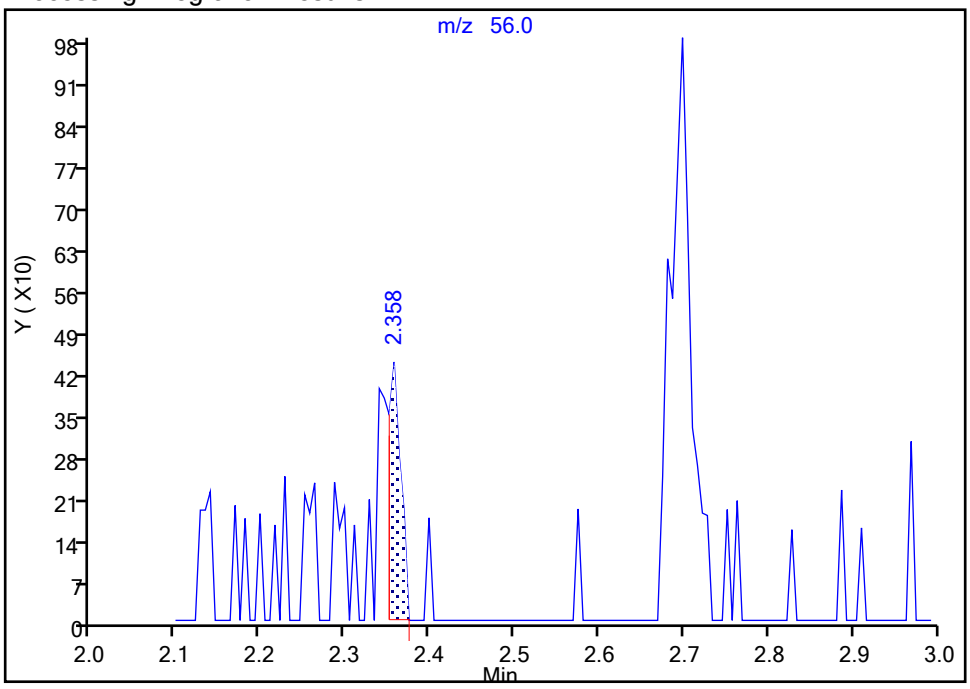
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

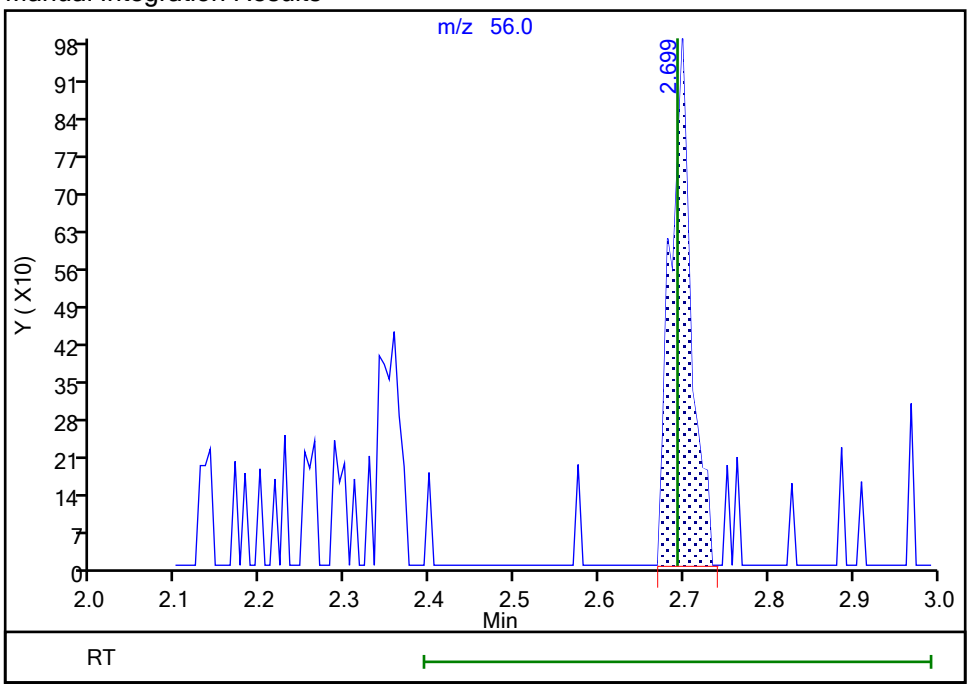
Processing Integration Results

RT: 2.36
Area: 440
Amount: 1.678913
Amount Units: ug/l



Manual Integration Results

RT: 2.70
Area: 1682
Amount: 4.117111
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:34:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

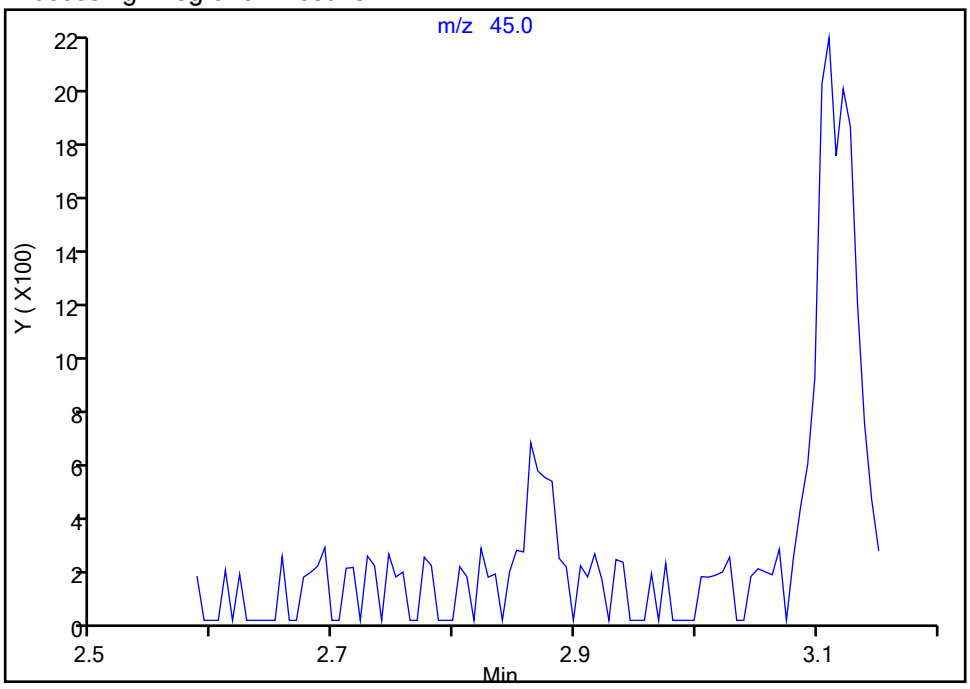
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

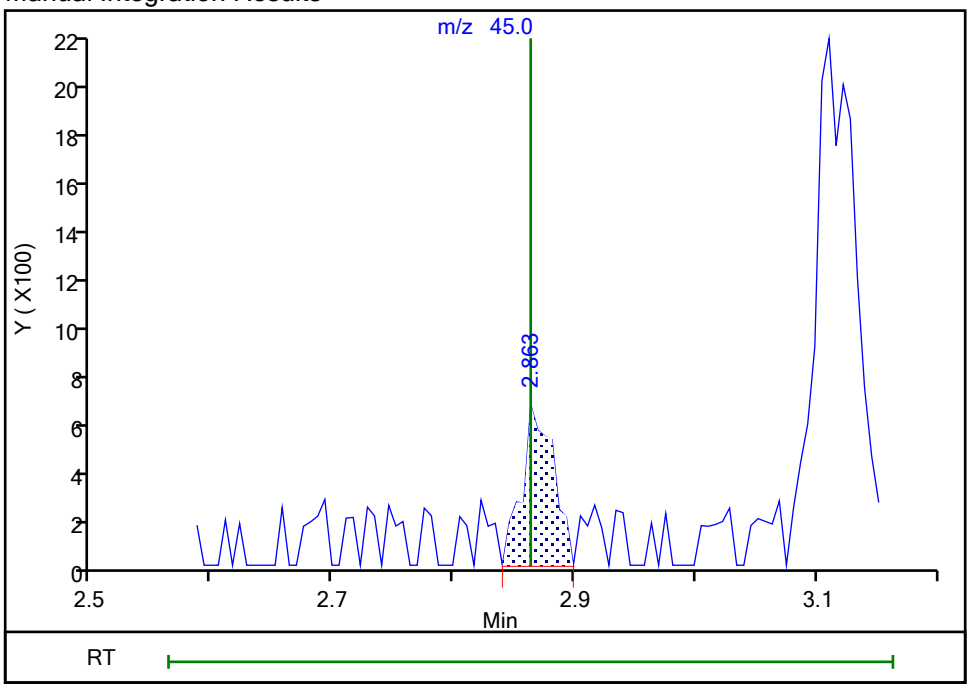
Not Detected
Expected RT: 2.86

Processing Integration Results



Manual Integration Results

RT: 2.86
Area: 1184
Amount: 12.086824
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:34:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

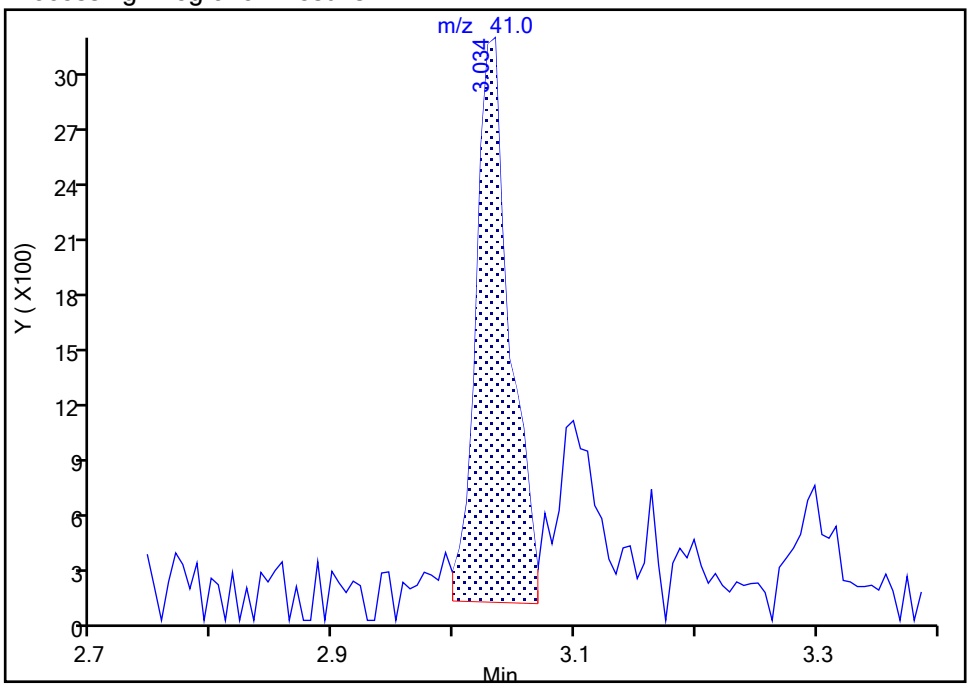
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

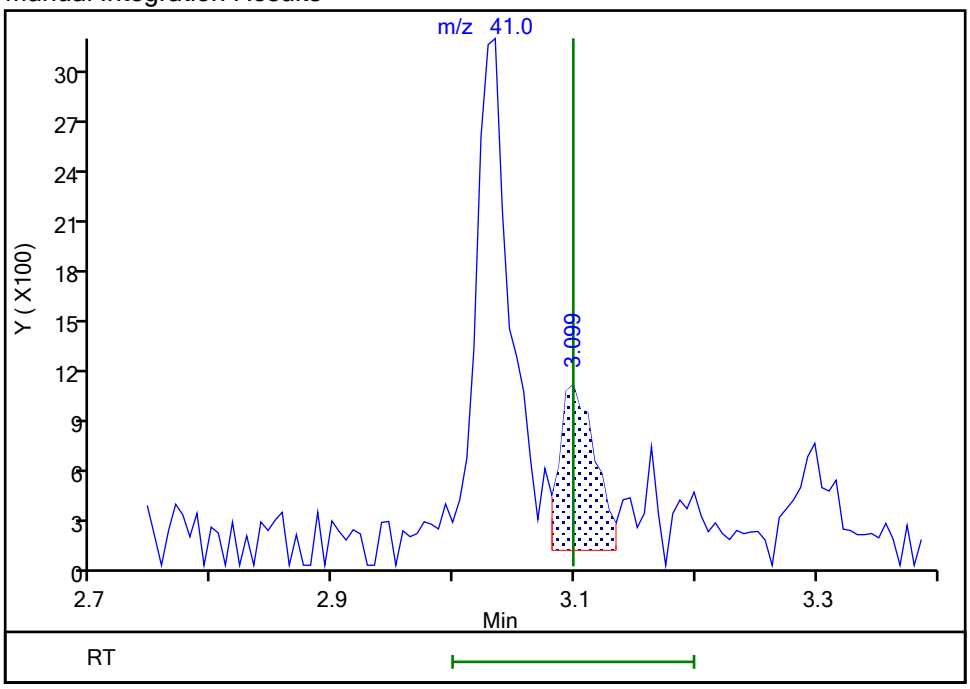
Processing Integration Results

RT: 3.03
Area: 5924
Amount: 26.662204
Amount Units: ug/l



Manual Integration Results

RT: 3.10
Area: 2063
Amount: 9.814043
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:34:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

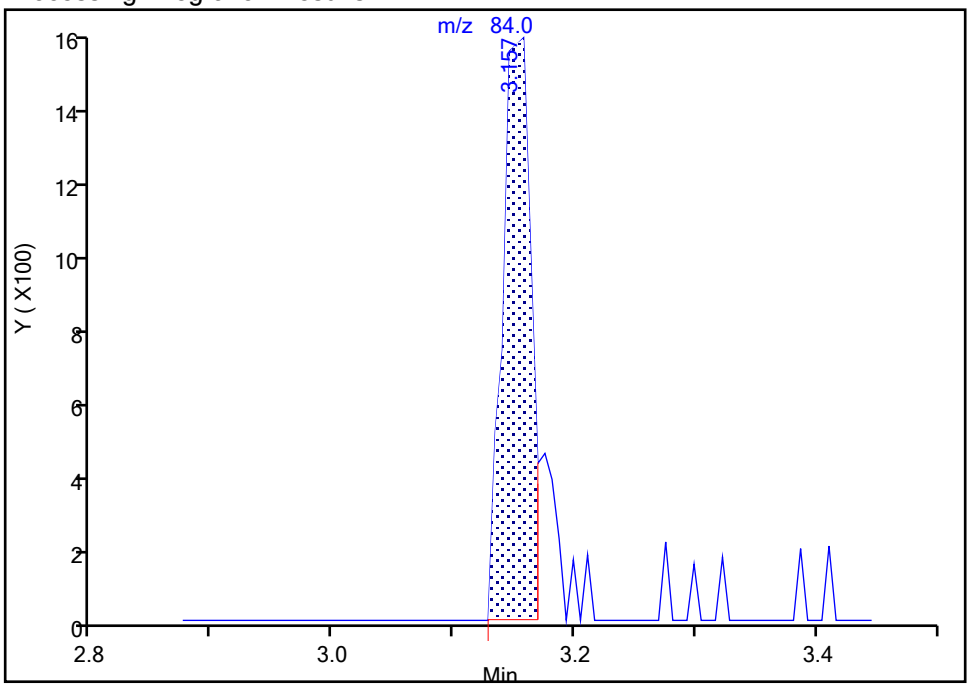
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Methylene Chloride, CAS: 75-09-2

Signal: 1

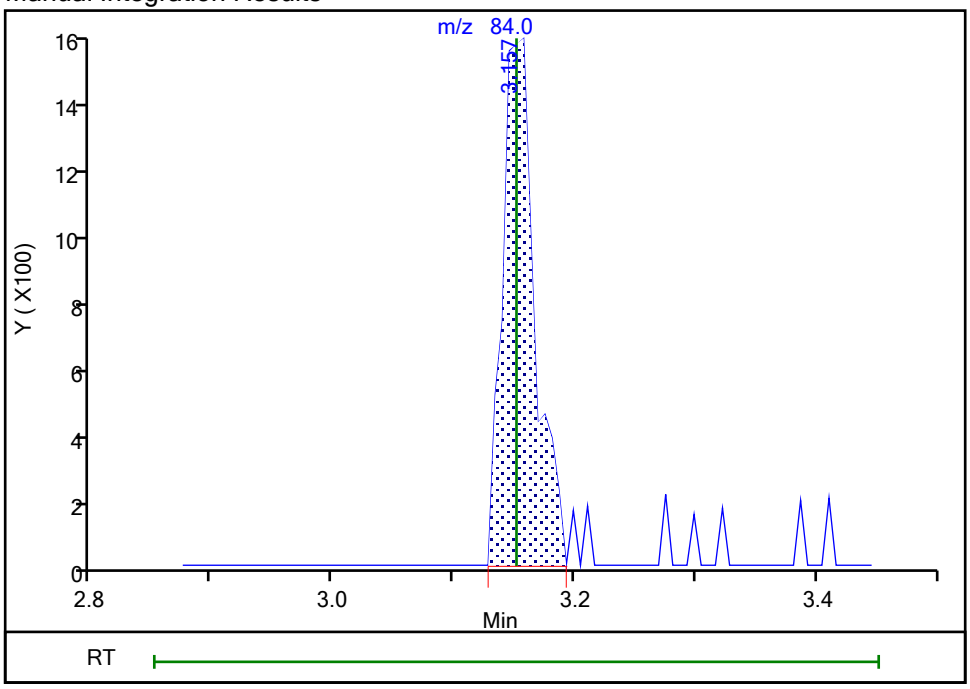
Processing Integration Results

RT: 3.16
Area: 2572
Amount: 0.859034
Amount Units: ug/l



Manual Integration Results

RT: 3.16
Area: 2942
Amount: 1.000188
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:34:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

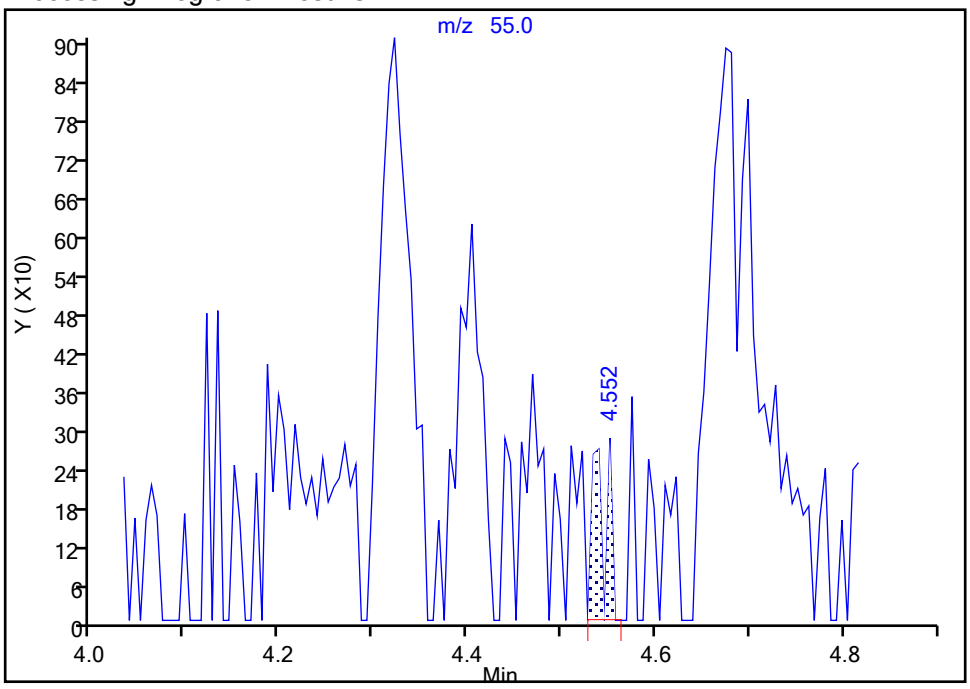
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

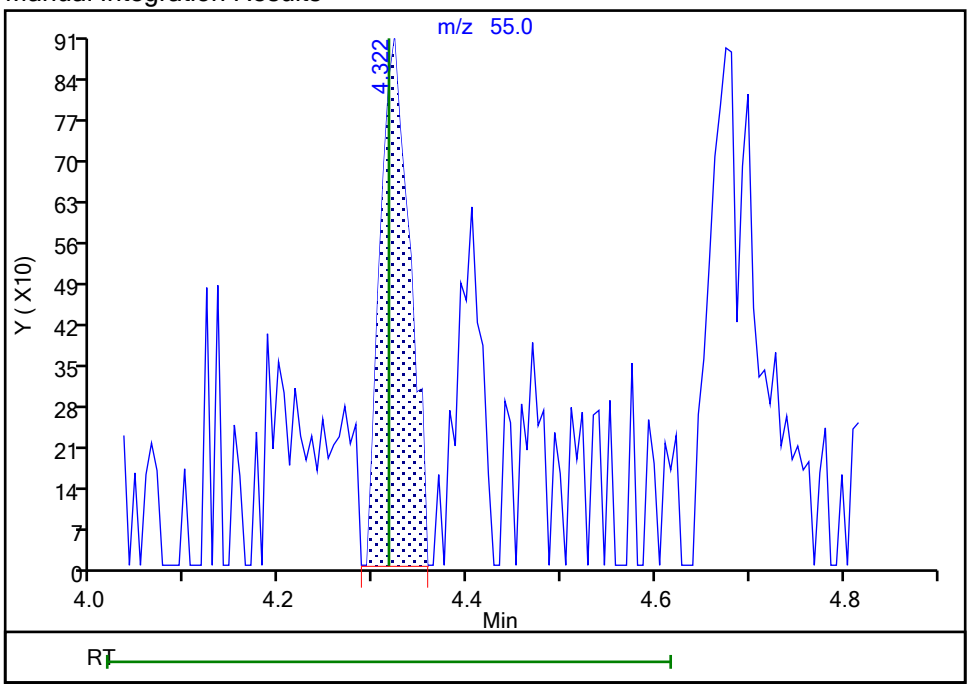
Processing Integration Results

RT: 4.55
Area: 284
Amount: 0.202441
Amount Units: ug/l



Manual Integration Results

RT: 4.32
Area: 1974
Amount: 1.302835
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:35:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

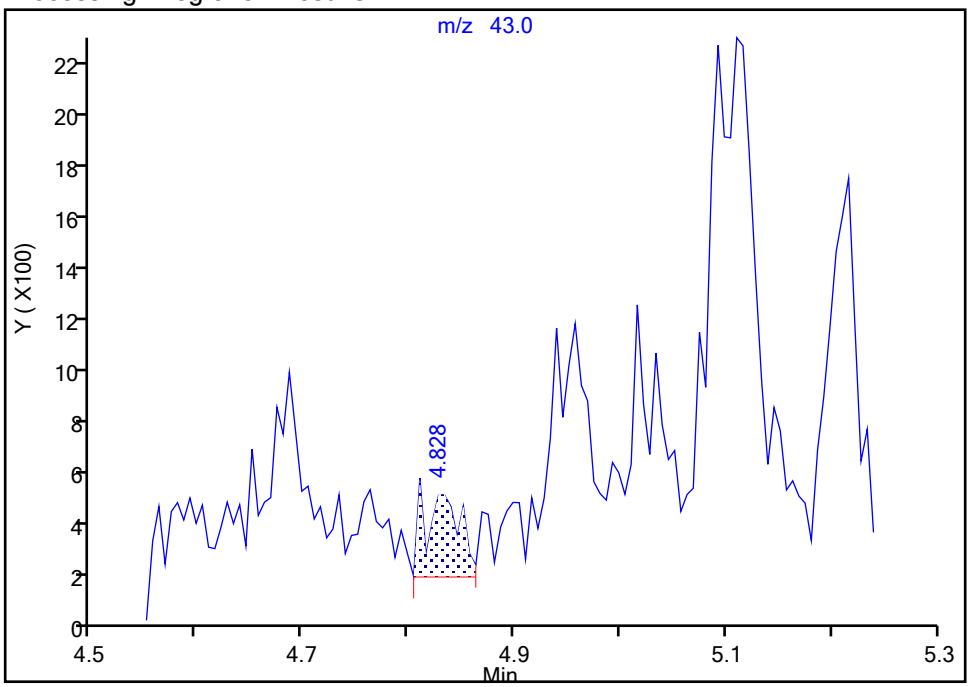
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

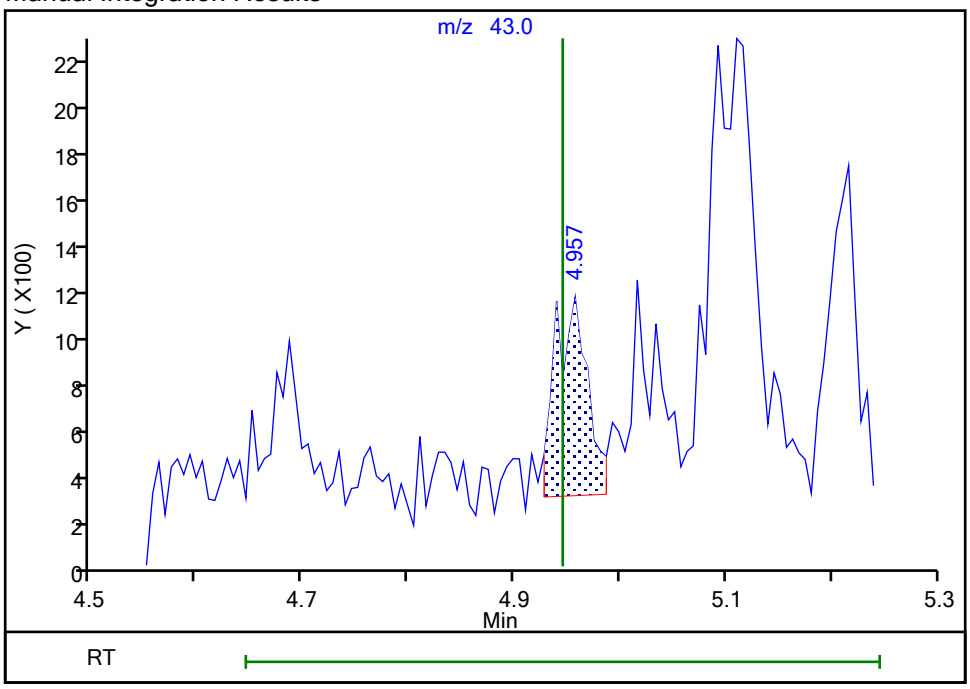
Processing Integration Results

RT: 4.83
Area: 765
Amount: 12.182180
Amount Units: ug/l



Manual Integration Results

RT: 4.96
Area: 1871
Amount: 28.466842
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:35:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

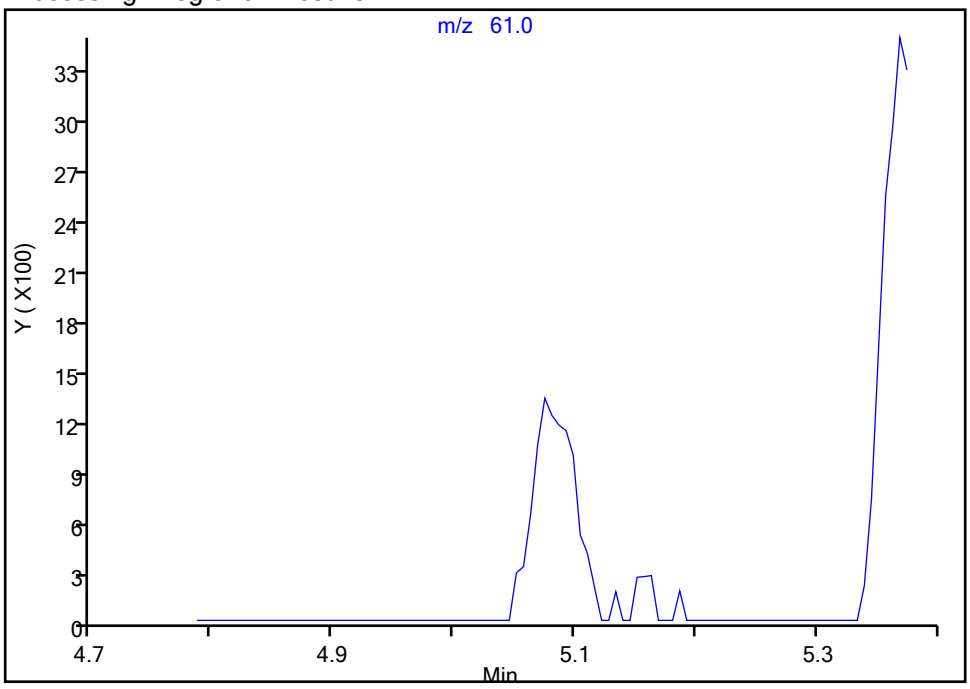
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Signal: 1

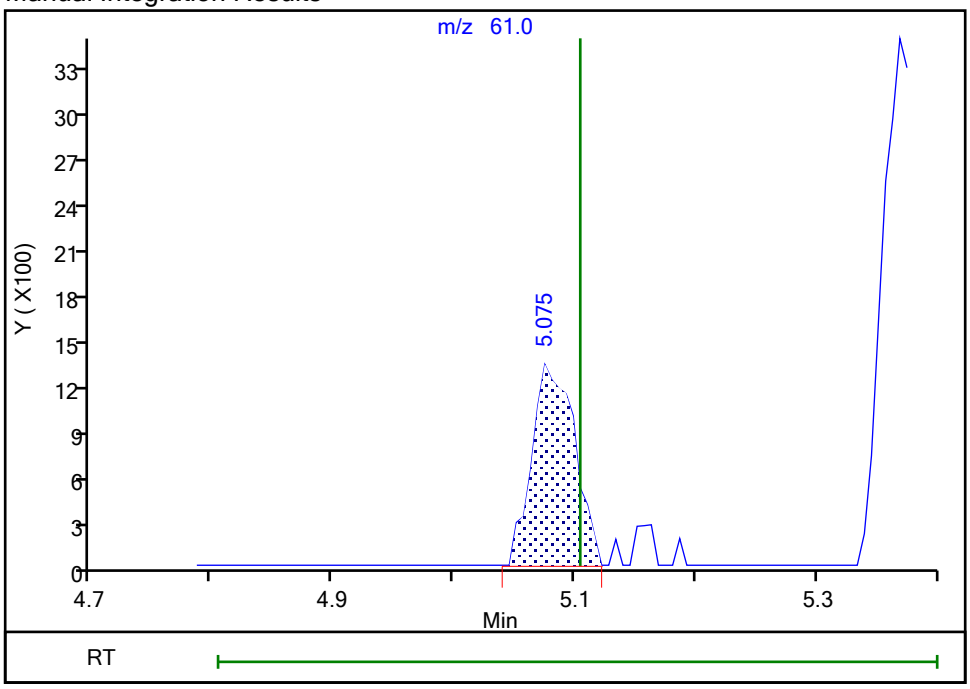
Not Detected
Expected RT: 5.10

Processing Integration Results



Manual Integration Results

RT: 5.08
Area: 3214
Amount: 1.005766
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:35:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

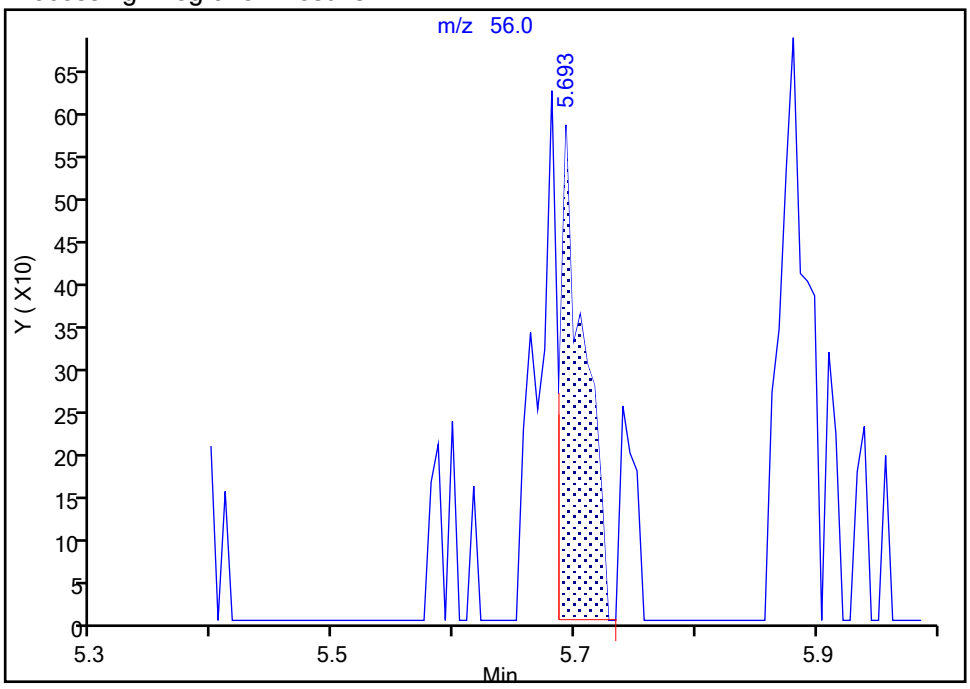
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

67 n-Butanol, CAS: 71-36-3

Signal: 1

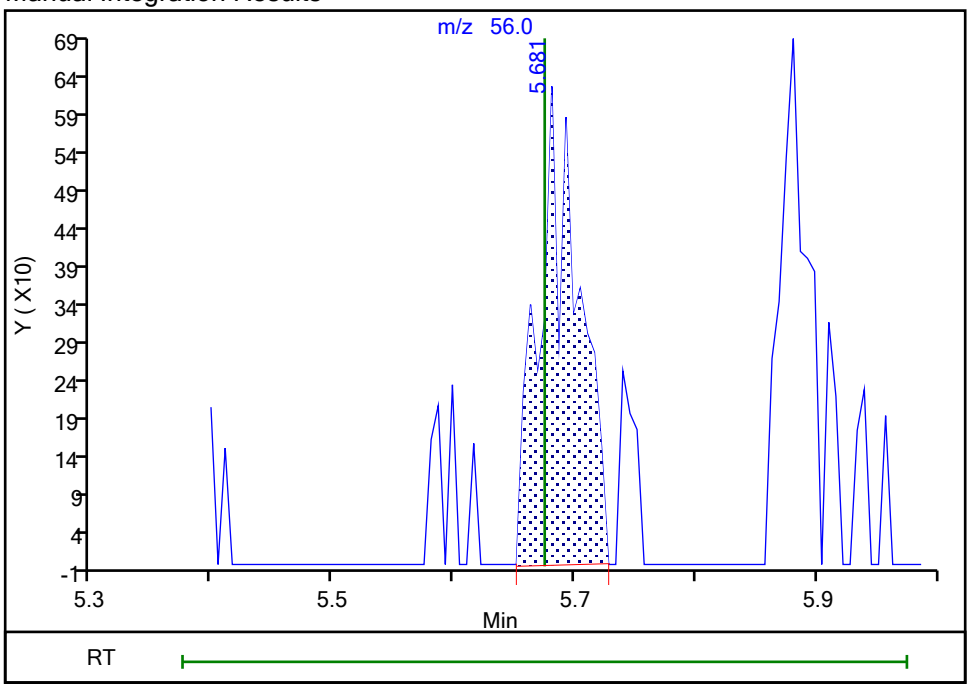
Processing Integration Results

RT: 5.69
Area: 795
Amount: 20.913217
Amount Units: ug/l



Manual Integration Results

RT: 5.68
Area: 1413
Amount: 31.752769
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:35:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

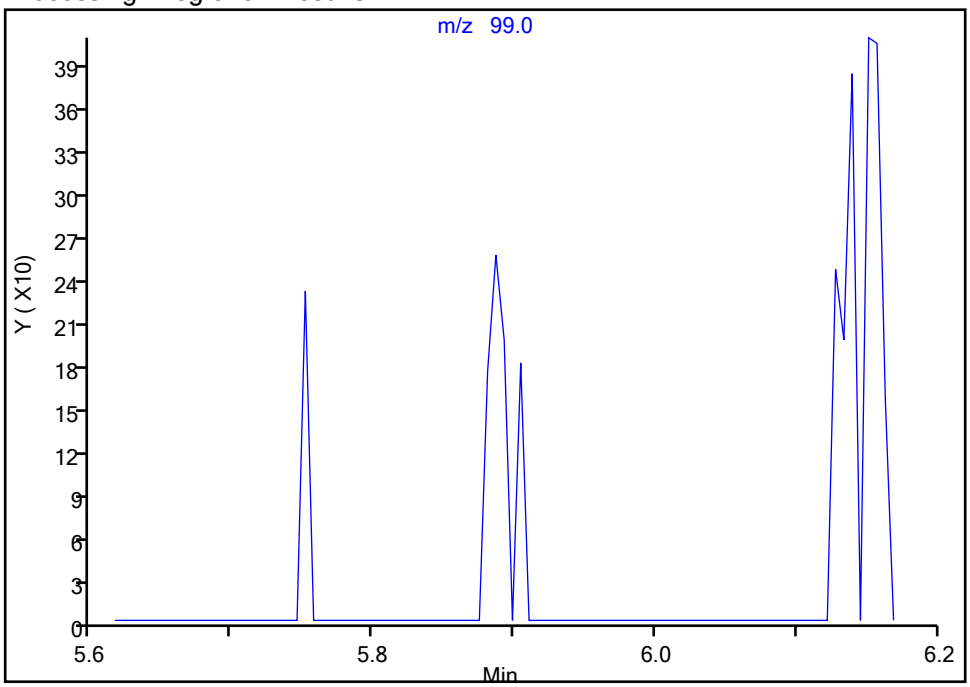
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

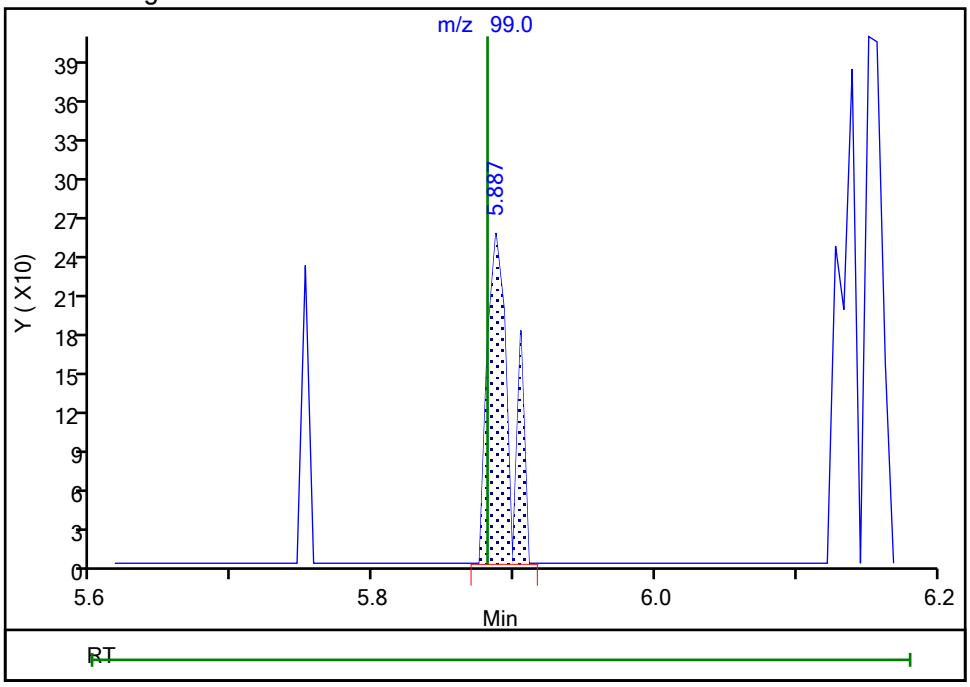
Not Detected
Expected RT: 5.88

Processing Integration Results



Manual Integration Results

RT: 5.89
Area: 283
Amount: 0.959346
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:35:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

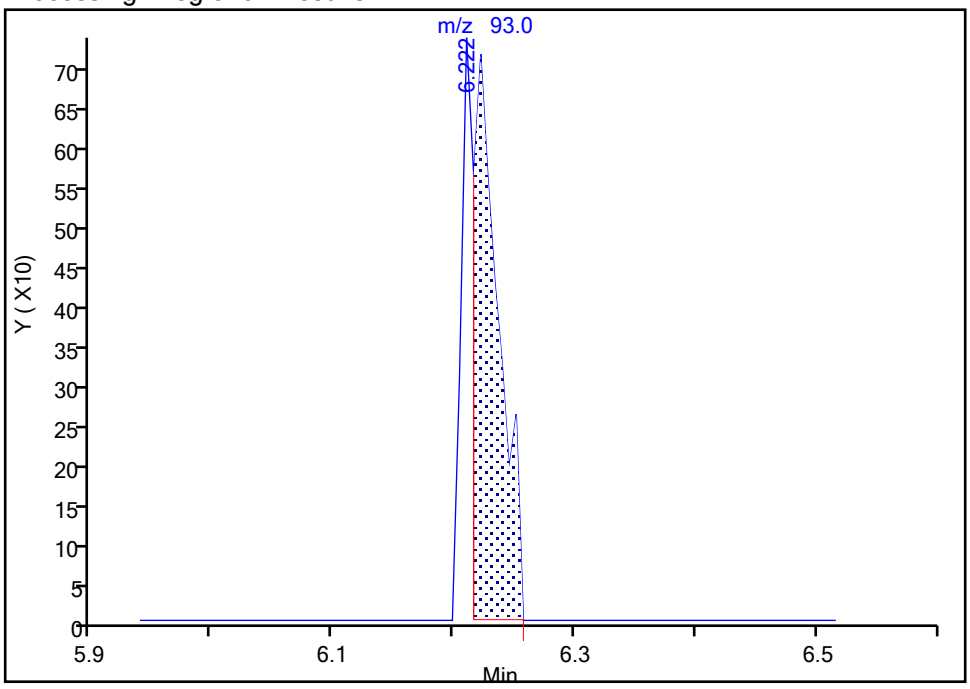
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 Dibromomethane, CAS: 74-95-3

Signal: 1

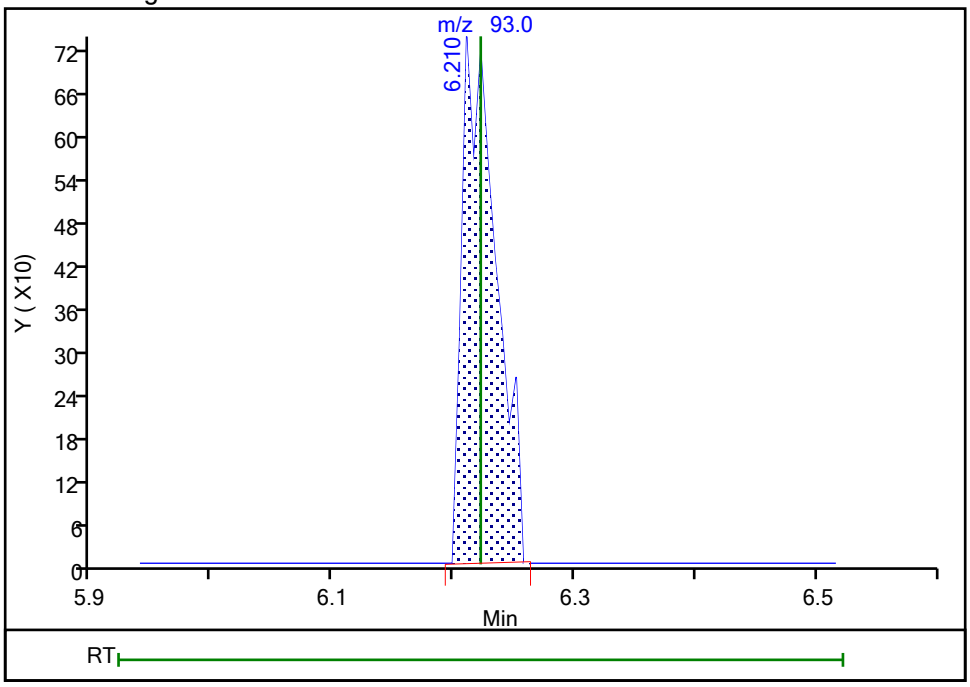
Processing Integration Results

RT: 6.22
Area: 1072
Amount: 0.751032
Amount Units: ug/l



Manual Integration Results

RT: 6.21
Area: 1438
Amount: 0.966158
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

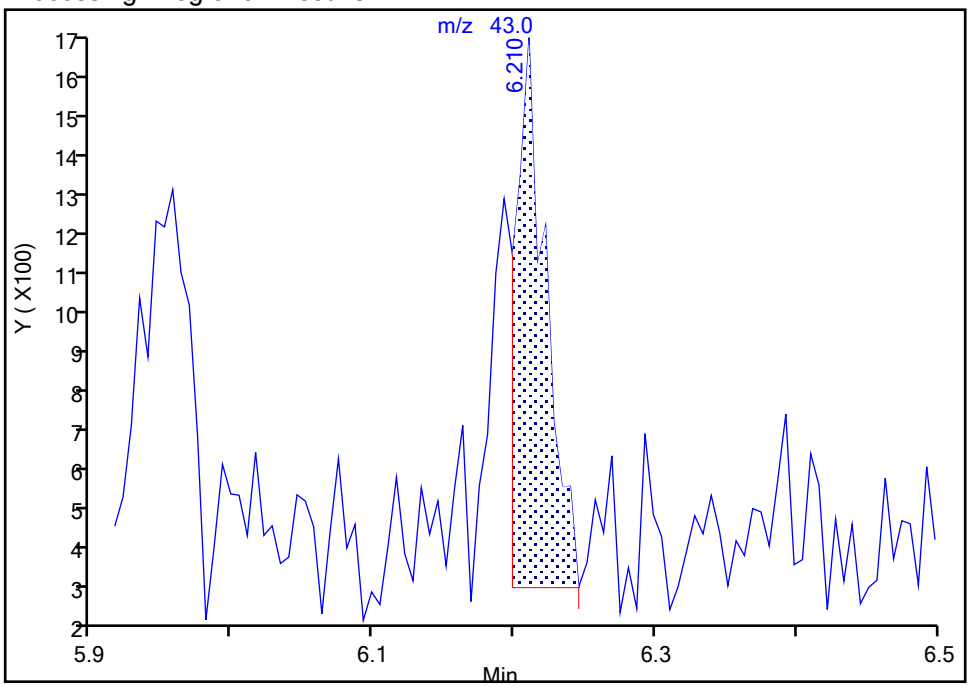
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 n-Propyl acetate, CAS: 109-60-4

Signal: 1

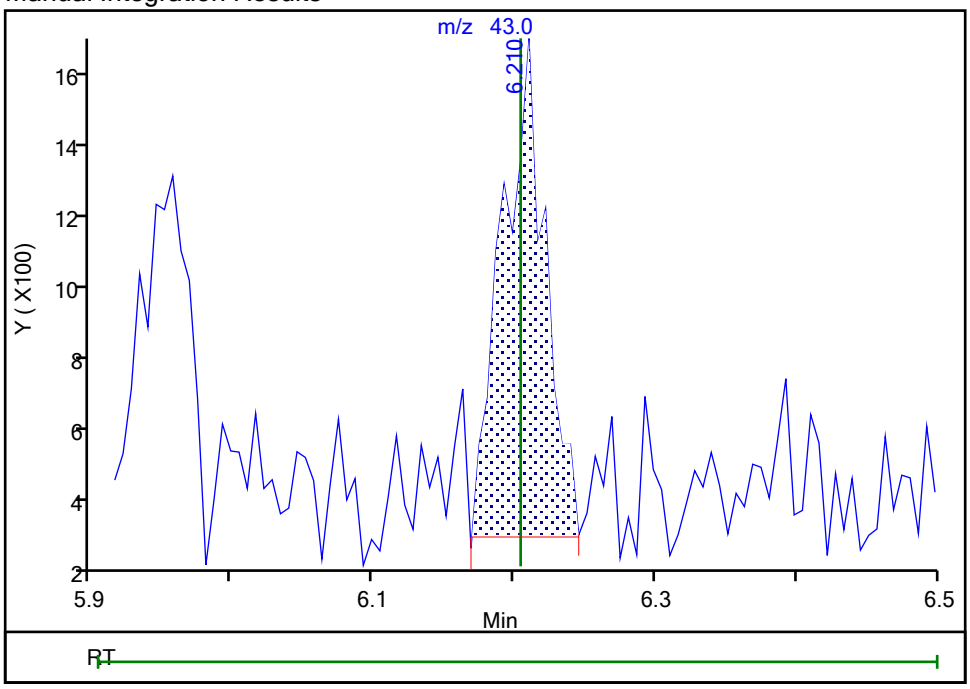
Processing Integration Results

RT: 6.21
Area: 1976
Amount: 0.929108
Amount Units: ug/l



Manual Integration Results

RT: 6.21
Area: 2779
Amount: 1.229317
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

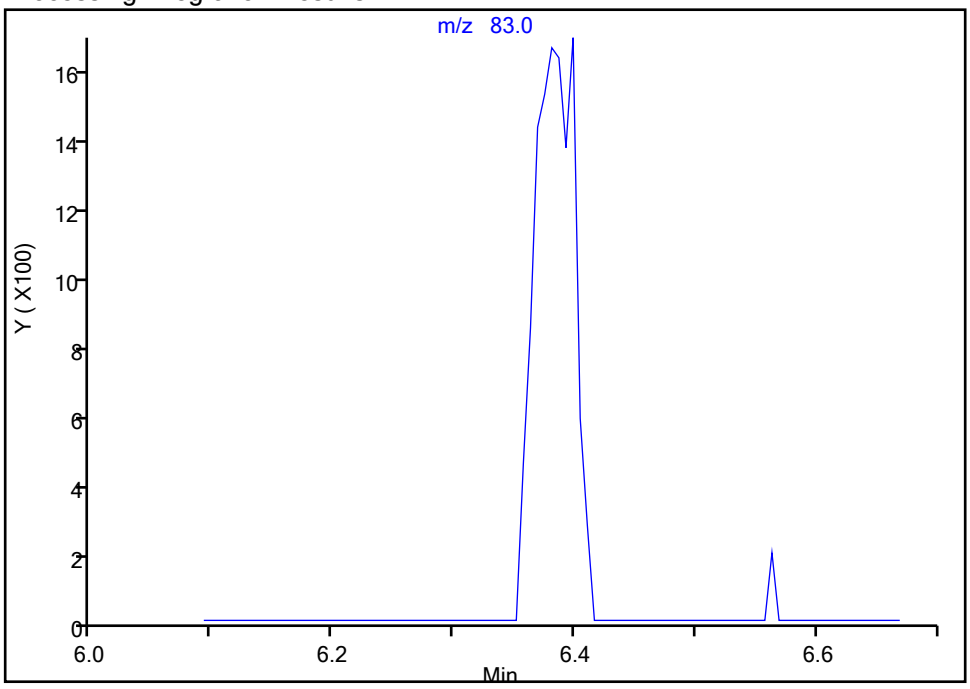
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

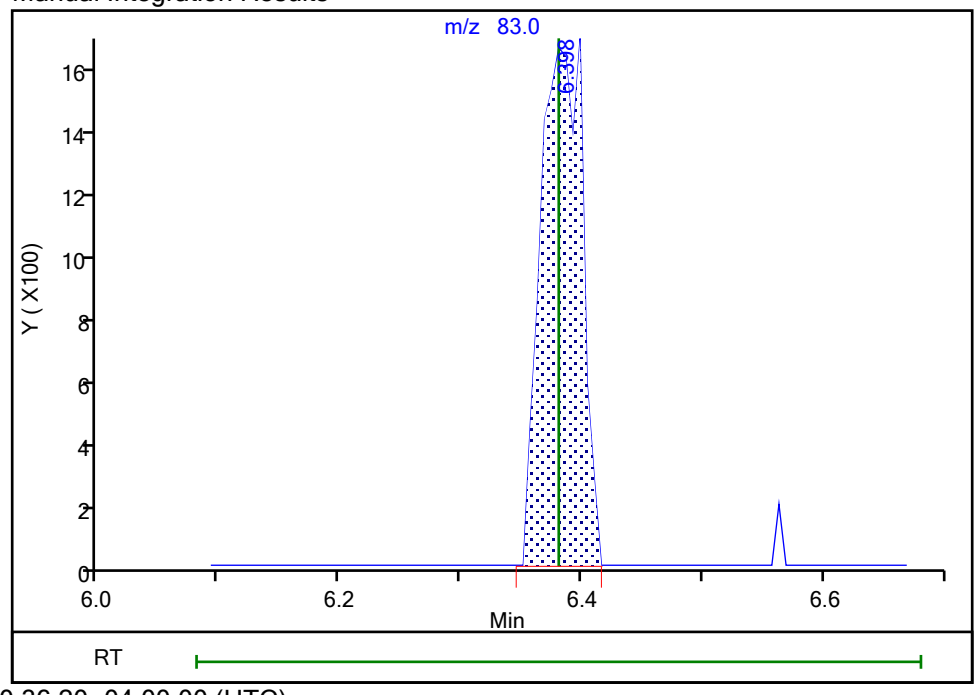
Not Detected
Expected RT: 6.38

Processing Integration Results



Manual Integration Results

RT: 6.40
Area: 3886
Amount: 0.996853
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

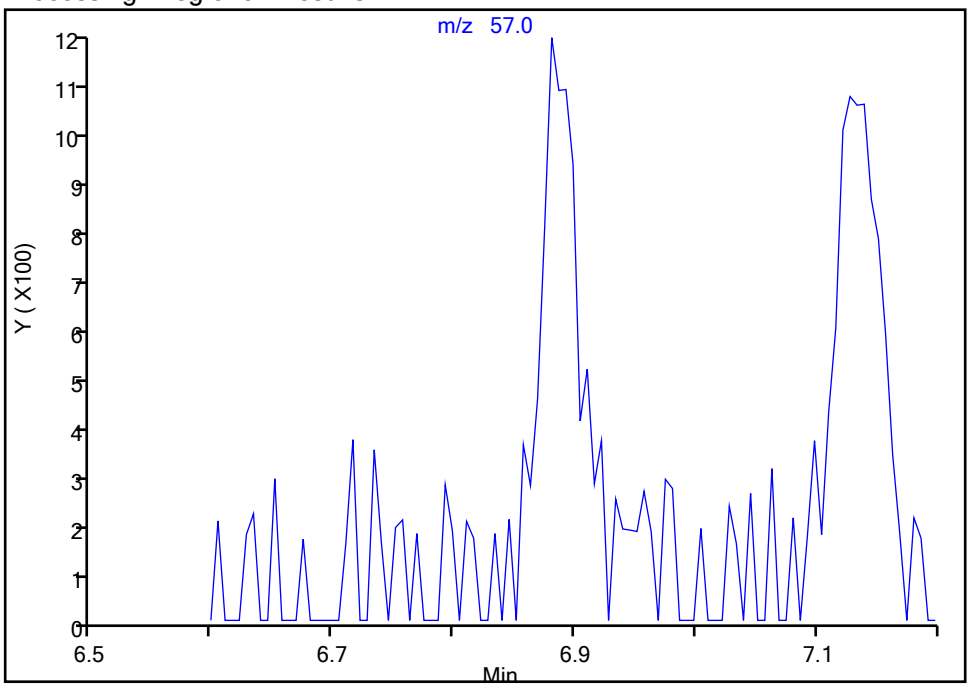
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

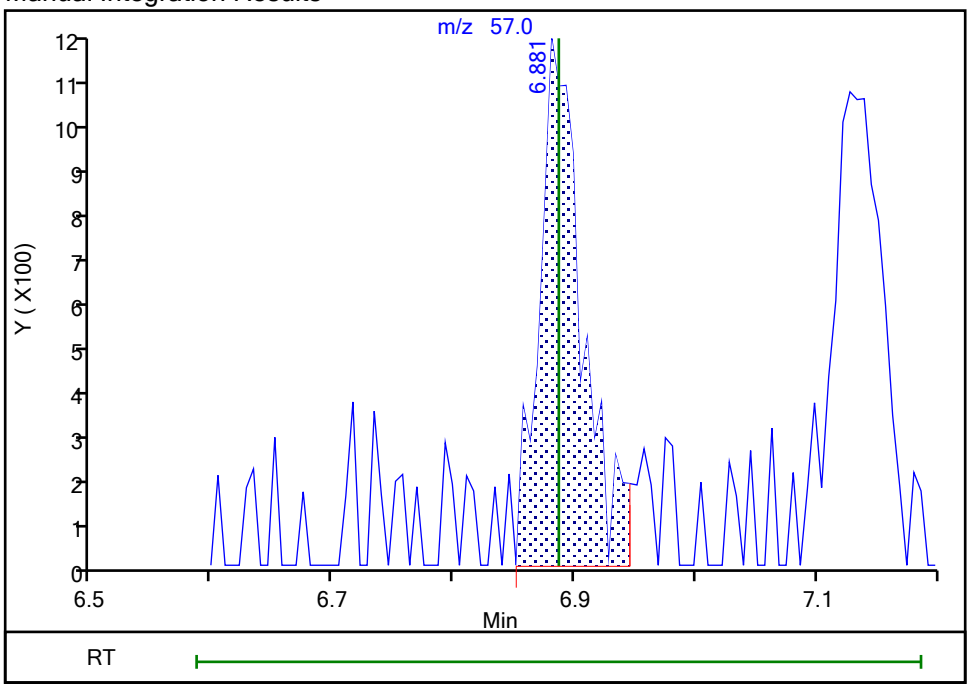
Not Detected
Expected RT: 6.89

Processing Integration Results



Manual Integration Results

RT: 6.88
Area: 2847
Amount: 23.789601
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

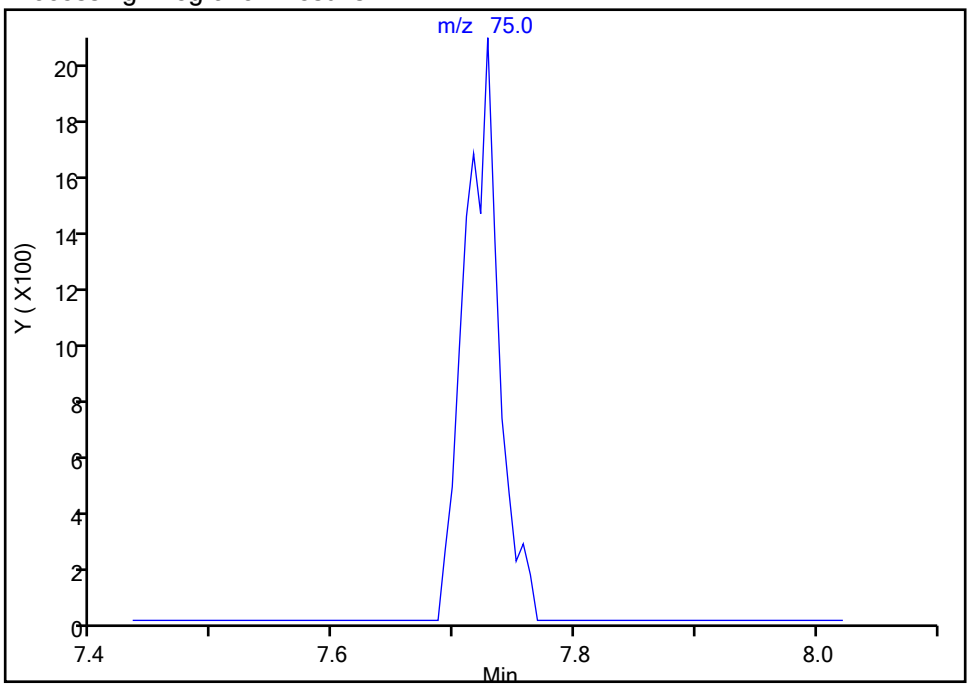
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

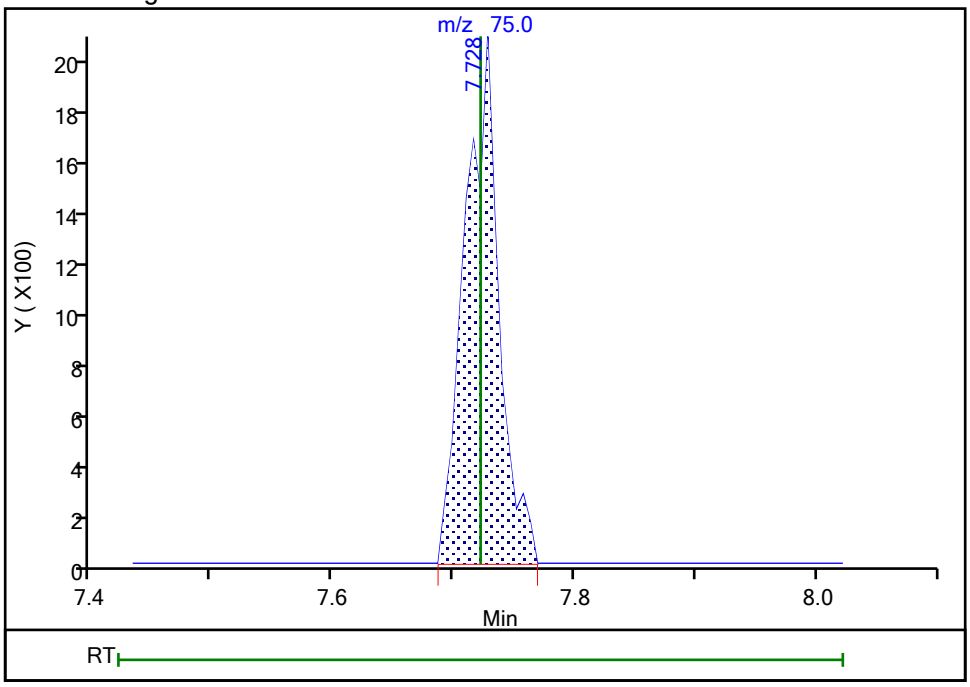
Not Detected
Expected RT: 7.72

Processing Integration Results



Manual Integration Results

RT: 7.73
Area: 4017
Amount: 1.032174
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

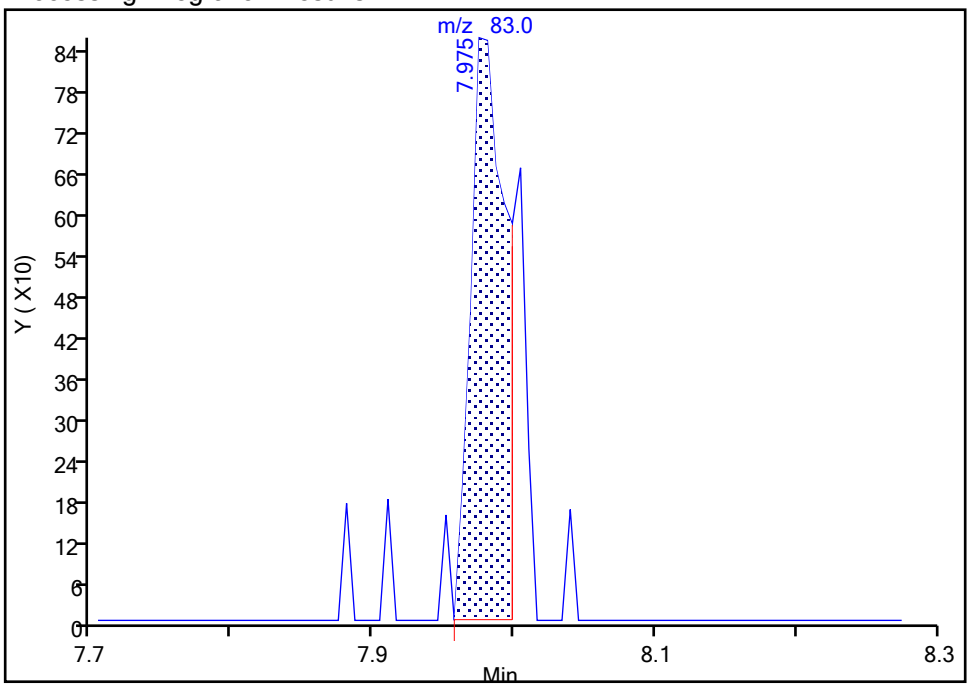
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

87 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

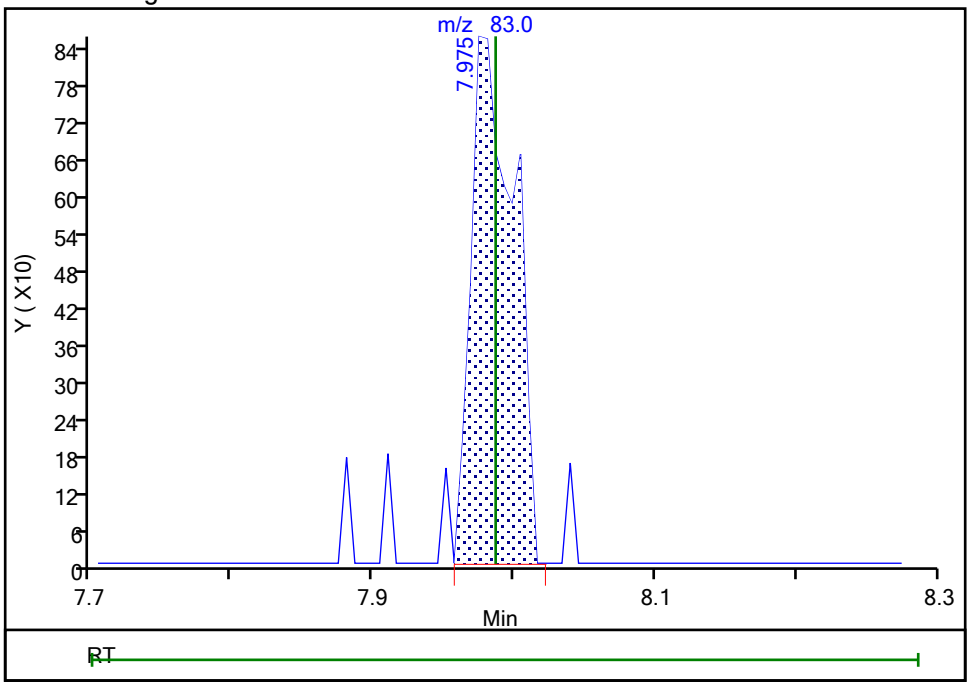
Processing Integration Results

RT: 7.97
Area: 1482
Amount: 0.852663
Amount Units: ug/l



Manual Integration Results

RT: 7.97
Area: 1804
Amount: 1.067333
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

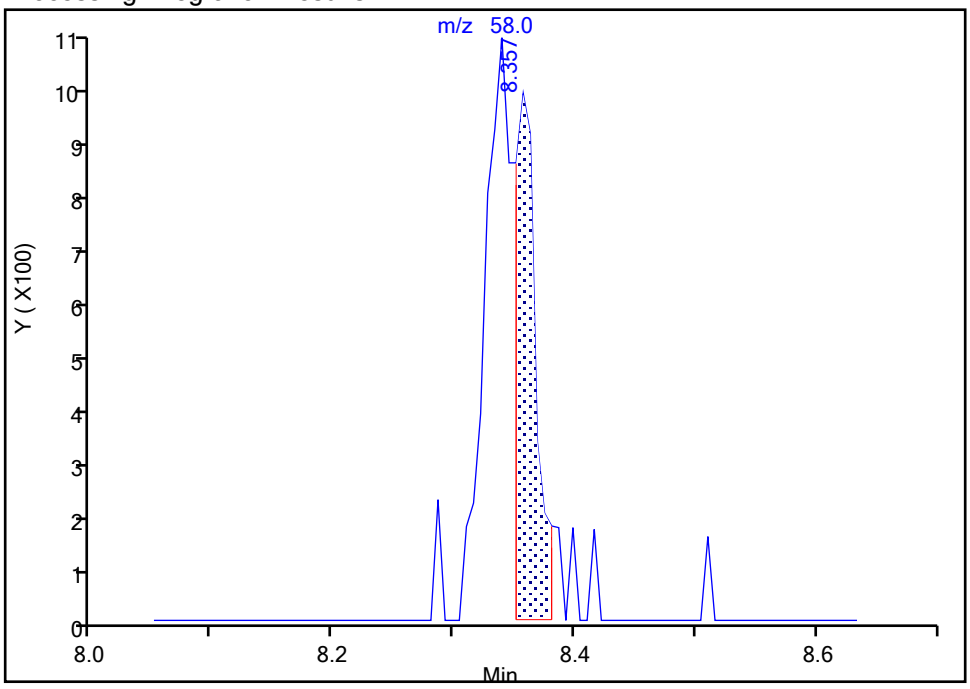
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

90 2-Hexanone, CAS: 591-78-6

Signal: 2

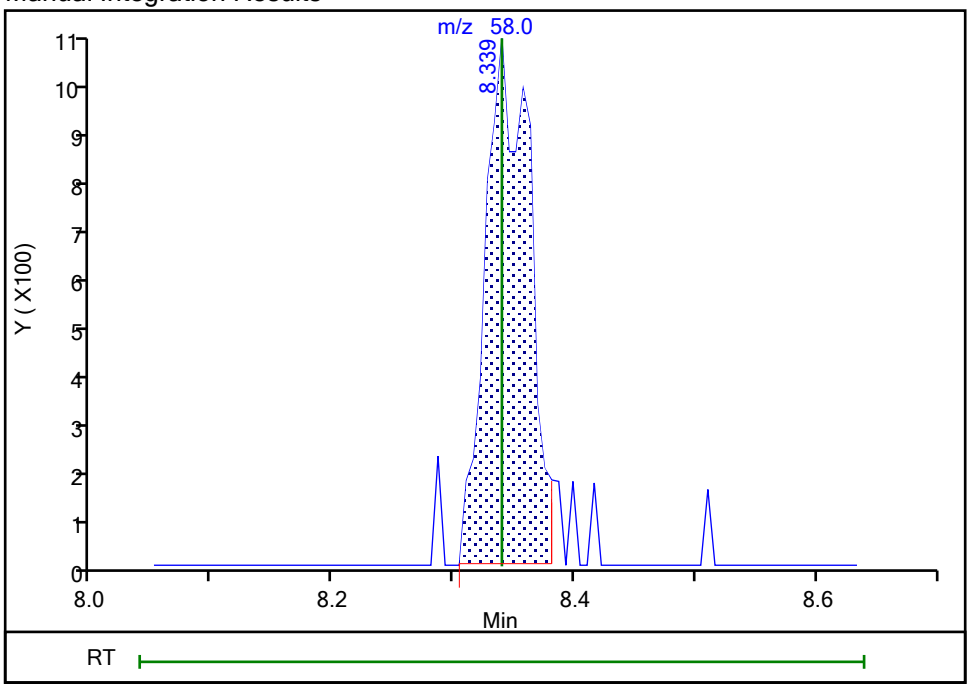
Processing Integration Results

RT: 8.36
Area: 1169
Amount: 1.968314
Amount Units: ug/l



Manual Integration Results

RT: 8.34
Area: 2661
Amount: 4.810883
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:36:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

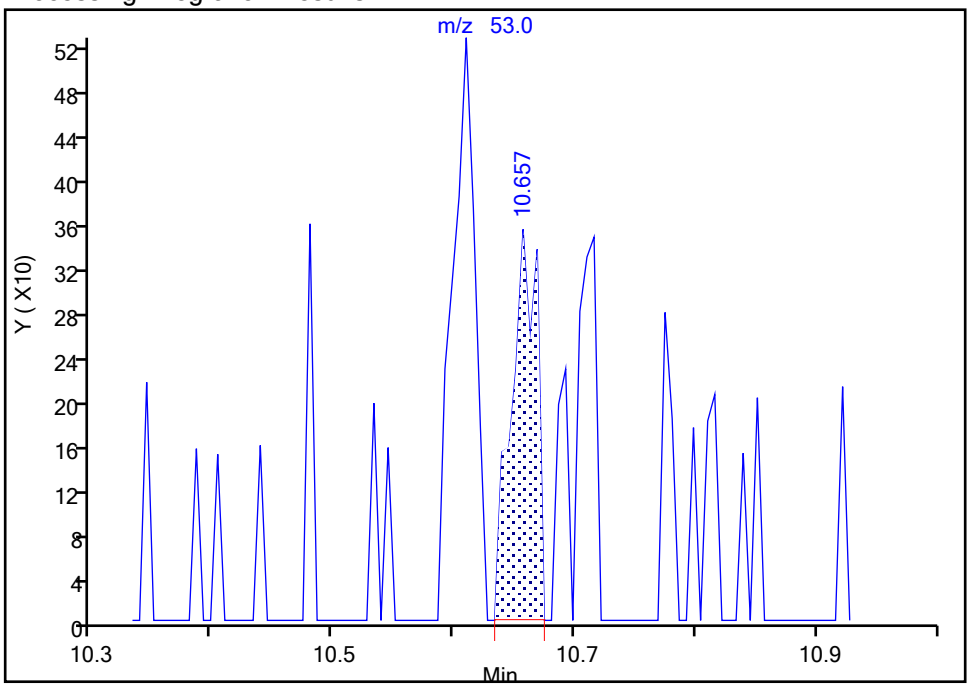
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

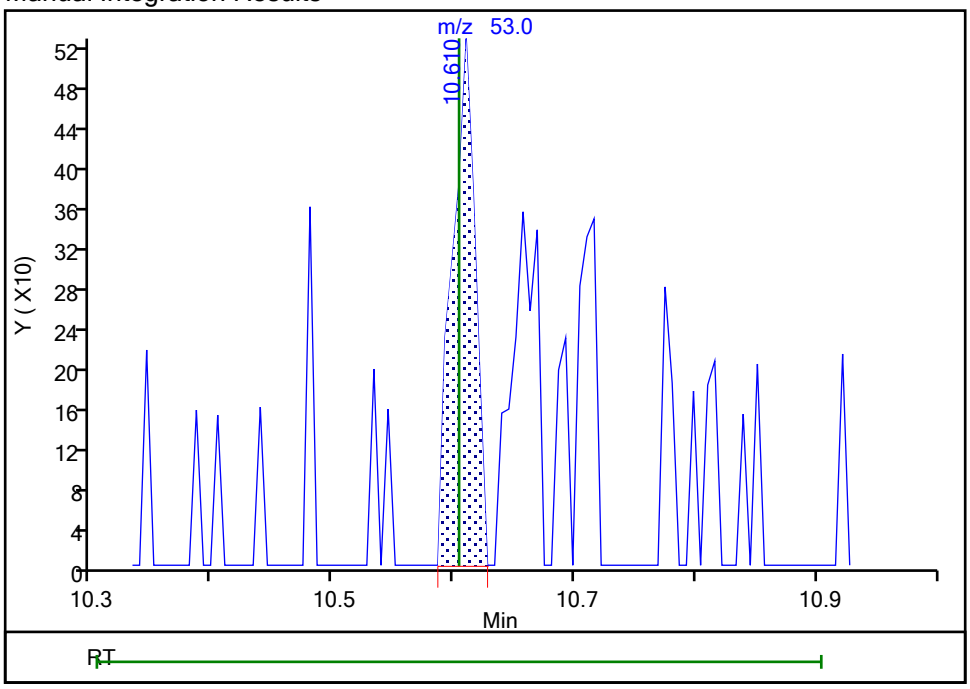
Processing Integration Results

RT: 10.66
Area: 522
Amount: 0.856648
Amount Units: ug/l



Manual Integration Results

RT: 10.61
Area: 701
Amount: 1.154461
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:37:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

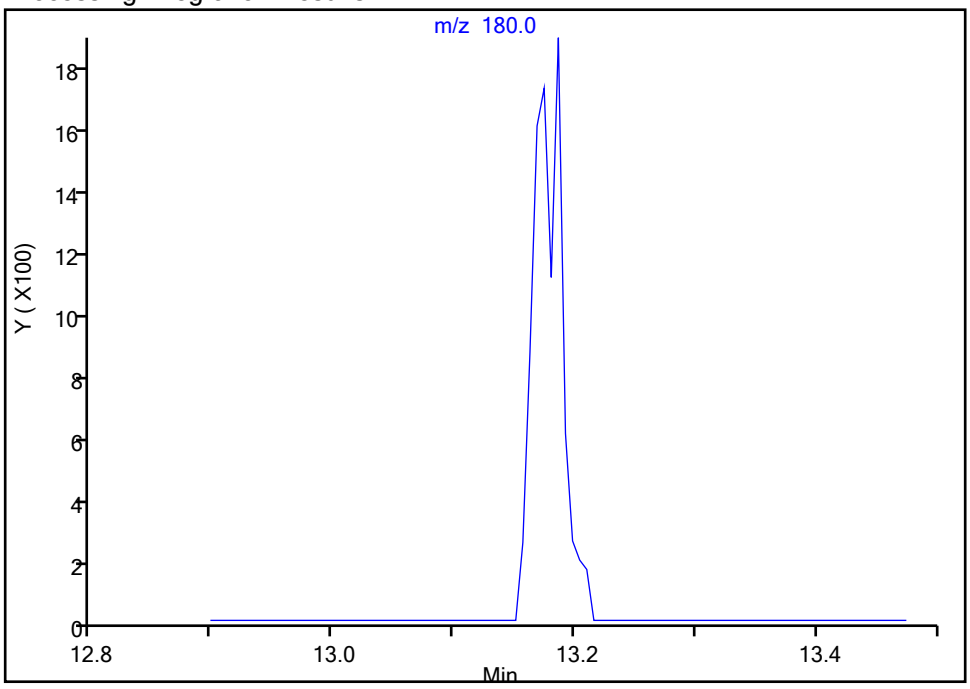
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D
Injection Date: 14-May-2025 10:45:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

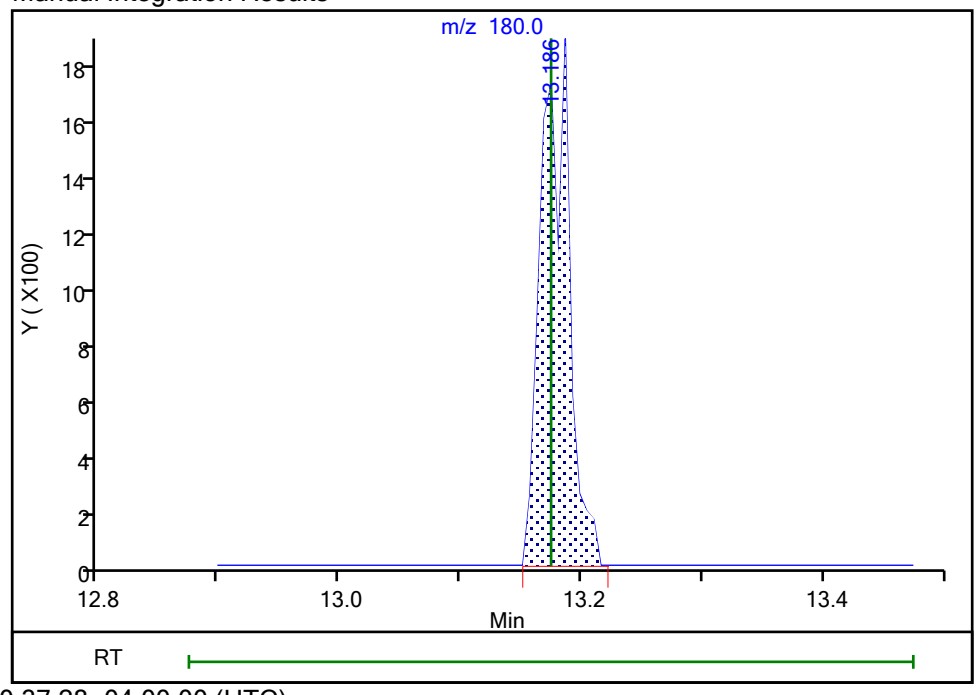
Not Detected
Expected RT: 13.17

Processing Integration Results



Manual Integration Results

RT: 13.19
Area: 3006
Amount: 2.028778
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 20:37:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

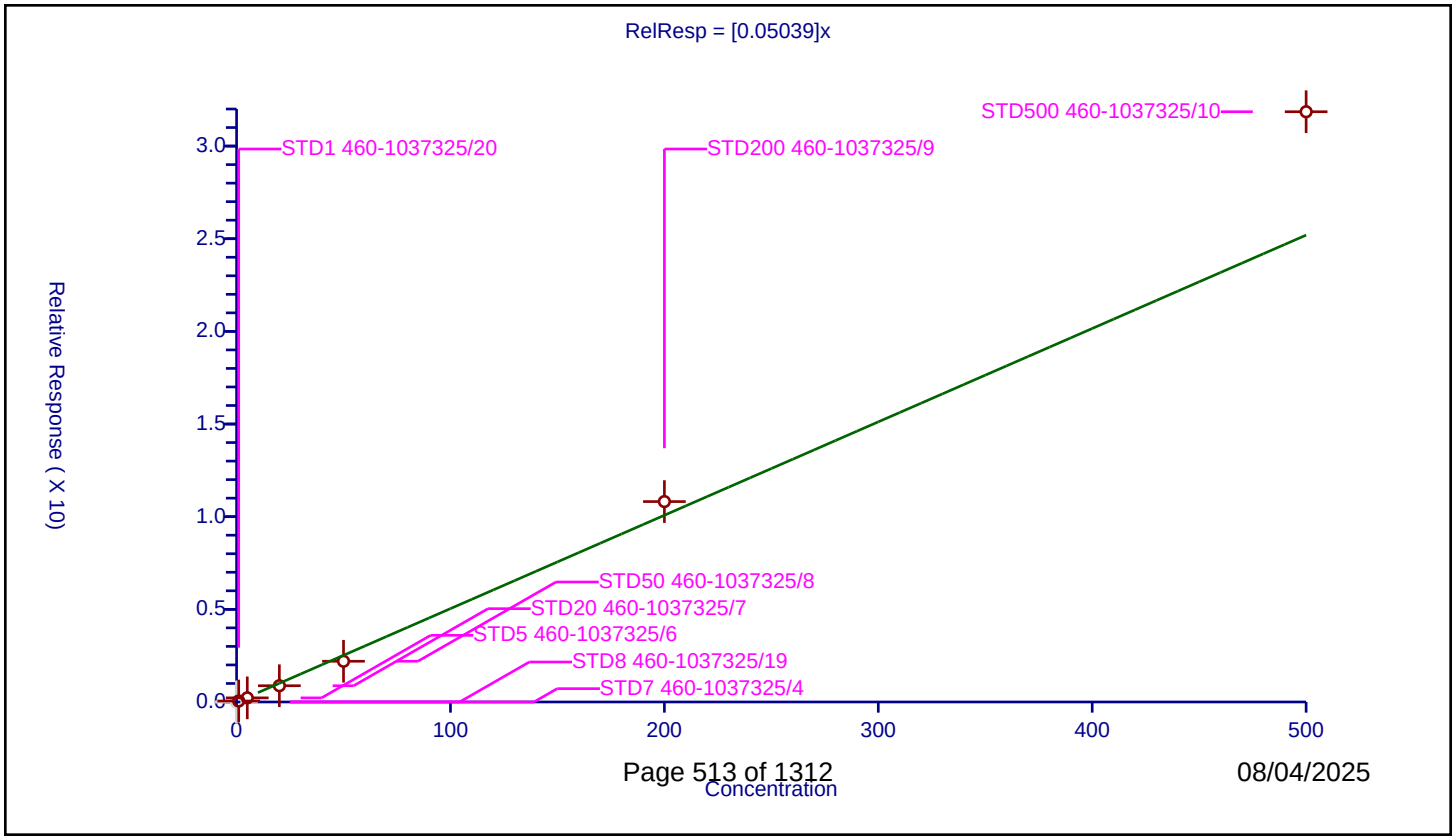
Curve Coefficients

Intercept:	0
Slope:	0.05039

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
3	STD1 460-1037325/20	1.0	0.052287	50.0	530729.0	0.052287	Y
4	STD5 460-1037325/6	5.0	0.222341	50.0	516323.0	0.044468	Y
5	STD20 460-1037325/7	20.0	0.876925	50.0	511503.0	0.043846	Y
6	STD50 460-1037325/8	50.0	2.197506	50.0	509282.0	0.04395	Y
7	STD200 460-1037325/9	200.0	10.815174	50.0	502322.0	0.054076	Y
8	STD500 460-1037325/10	500.0	31.852912	50.0	511476.0	0.063706	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

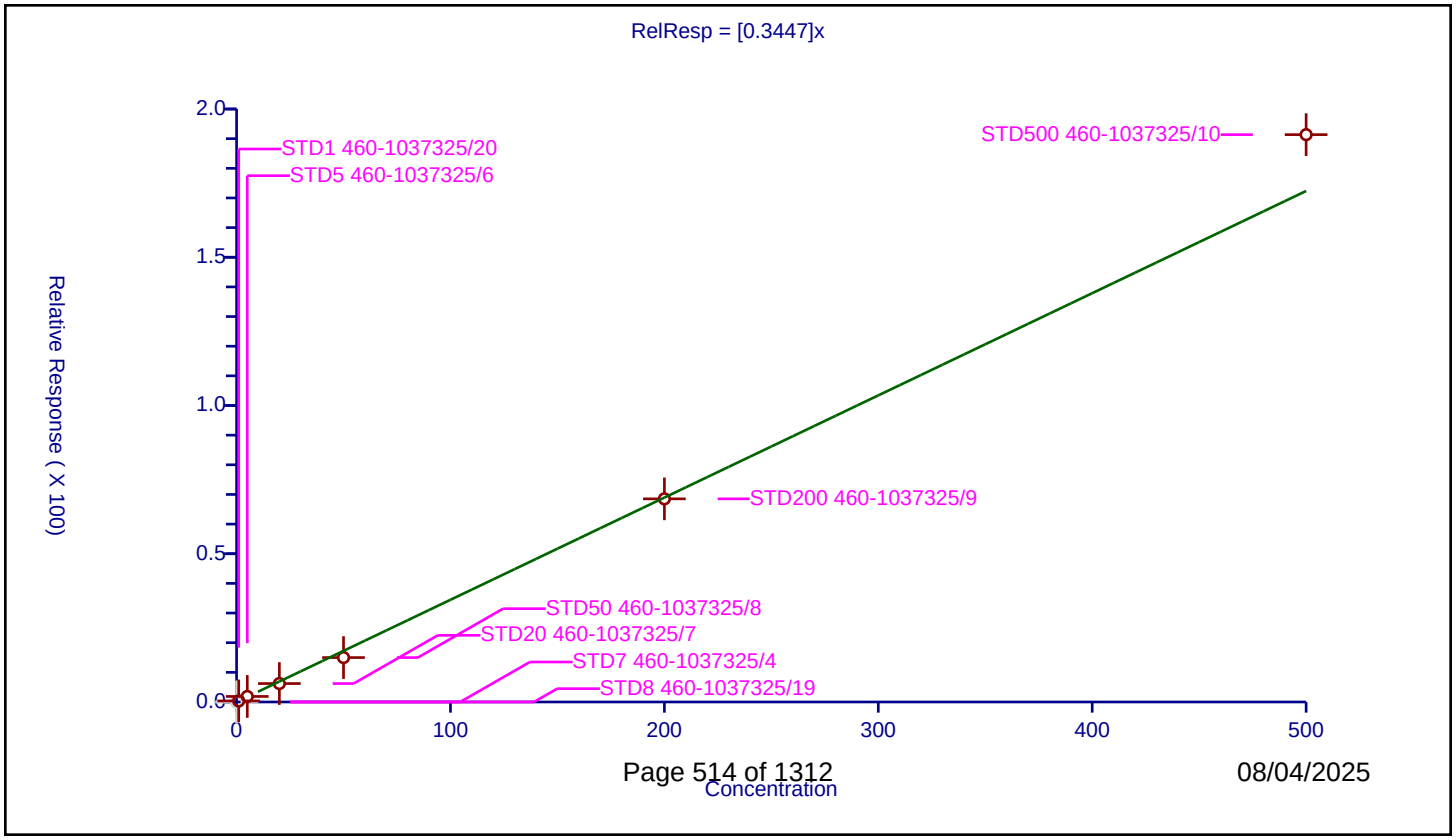
Curve Coefficients

Intercept:	0
Slope:	0.3447

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.358469	50.0	530729.0	0.358469	Y
4	STD5 460-1037325/6	5.0	1.869857	50.0	516323.0	0.373971	Y
5	STD20 460-1037325/7	20.0	6.216386	50.0	511503.0	0.310819	Y
6	STD50 460-1037325/8	50.0	14.982269	50.0	509282.0	0.299645	Y
7	STD200 460-1037325/9	200.0	68.51631	50.0	502322.0	0.342582	Y
8	STD500 460-1037325/10	500.0	191.353944	50.0	511476.0	0.382708	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

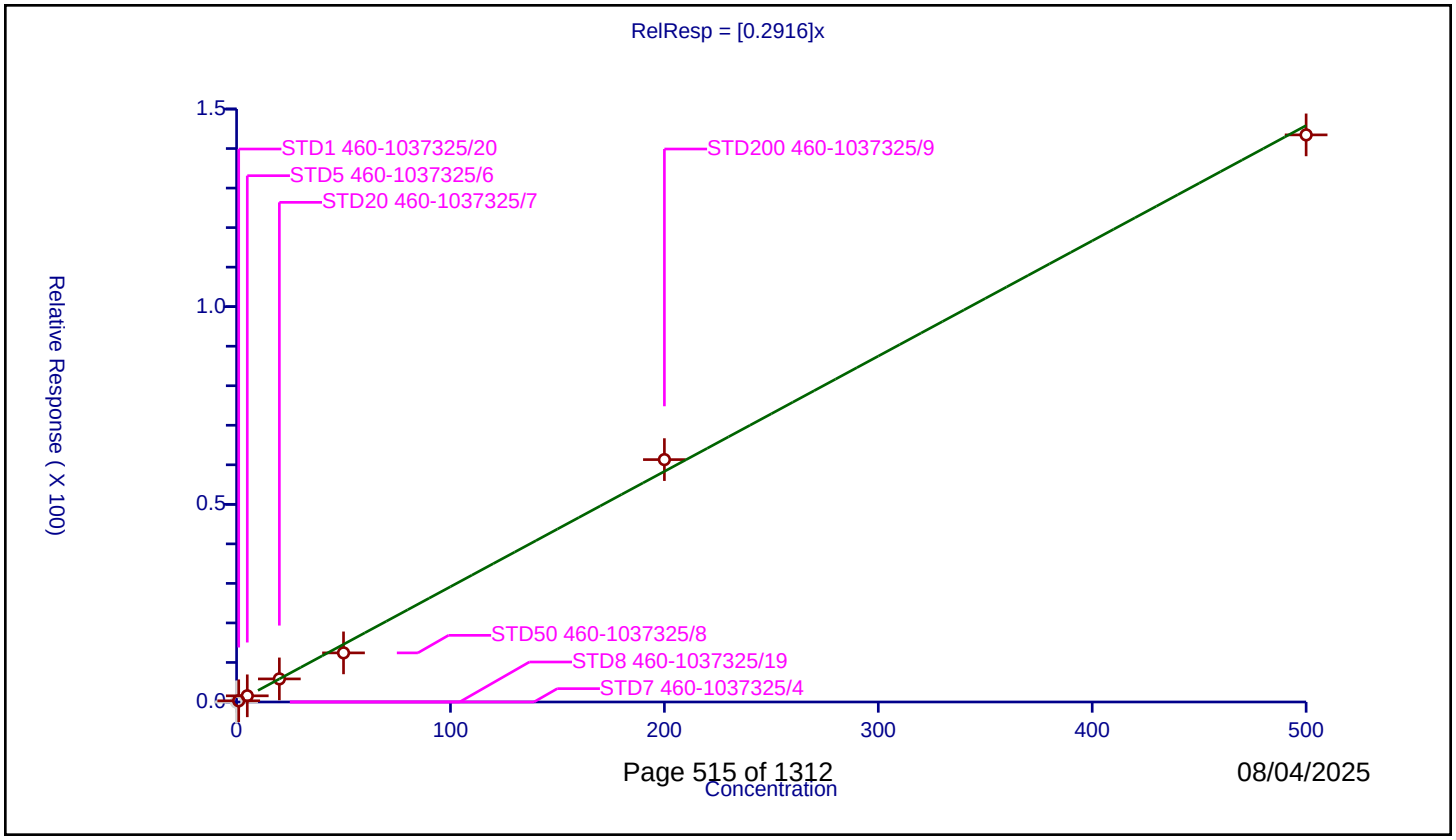
Curve Coefficients

Intercept:	0
Slope:	0.2916

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
3	STD1 460-1037325/20	1.0	0.303451	50.0	530729.0	0.303451	Y
4	STD5 460-1037325/6	5.0	1.563362	50.0	516323.0	0.312672	Y
5	STD20 460-1037325/7	20.0	5.835743	50.0	511503.0	0.291787	Y
6	STD50 460-1037325/8	50.0	12.425042	50.0	509282.0	0.248501	Y
7	STD200 460-1037325/9	200.0	61.312764	50.0	502322.0	0.306564	Y
8	STD500 460-1037325/10	500.0	143.456682	50.0	511476.0	0.286913	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

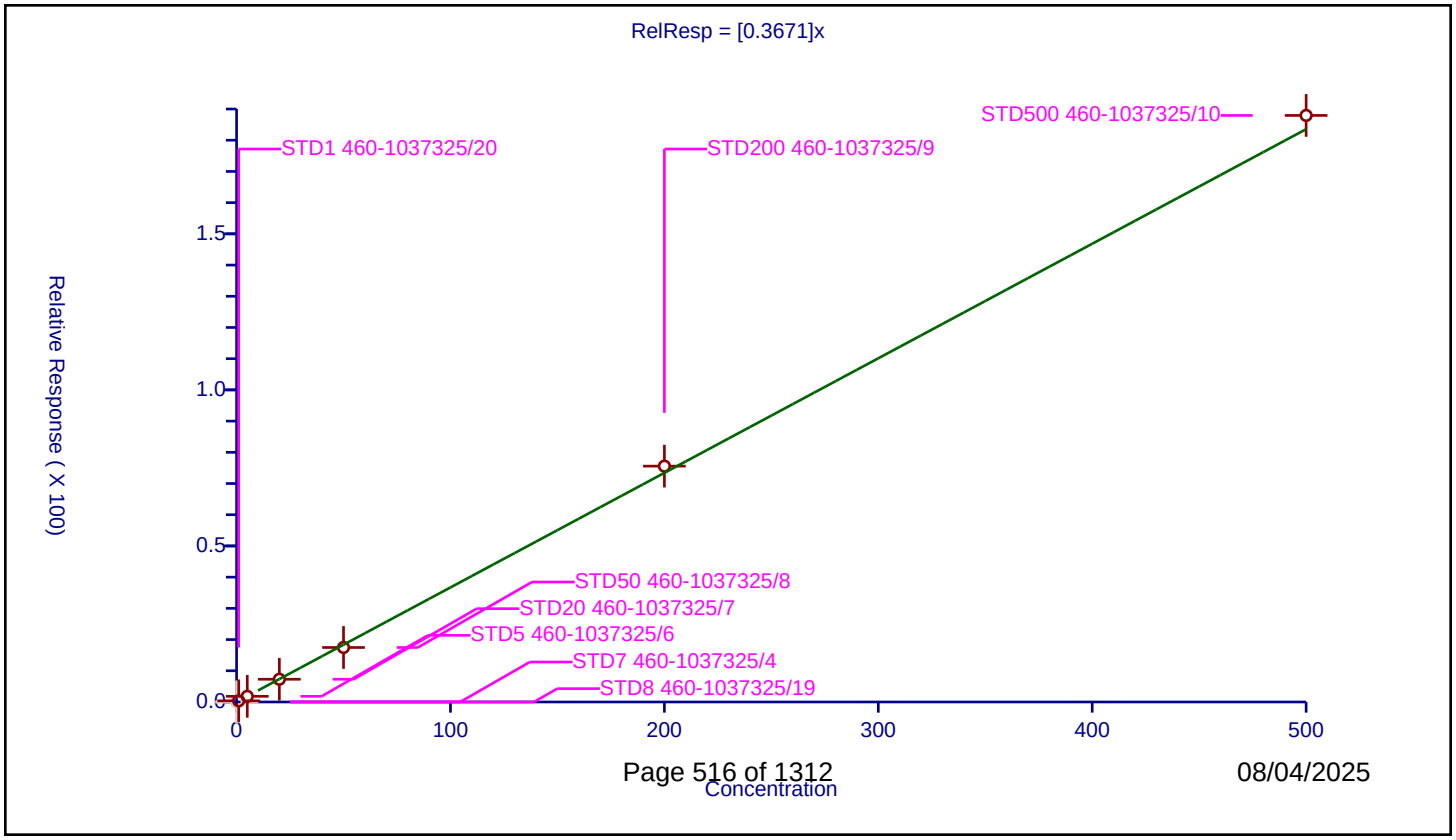
Curve Coefficients

Intercept:	0
Slope:	0.3671

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.371659	50.0	530729.0	0.371659	Y
4	STD5 460-1037325/6	5.0	1.817273	50.0	516323.0	0.363455	Y
5	STD20 460-1037325/7	20.0	7.286761	50.0	511503.0	0.364338	Y
6	STD50 460-1037325/8	50.0	17.461446	50.0	509282.0	0.349229	Y
7	STD200 460-1037325/9	200.0	75.57274	50.0	502322.0	0.377864	Y
8	STD500 460-1037325/10	500.0	187.939219	50.0	511476.0	0.375878	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

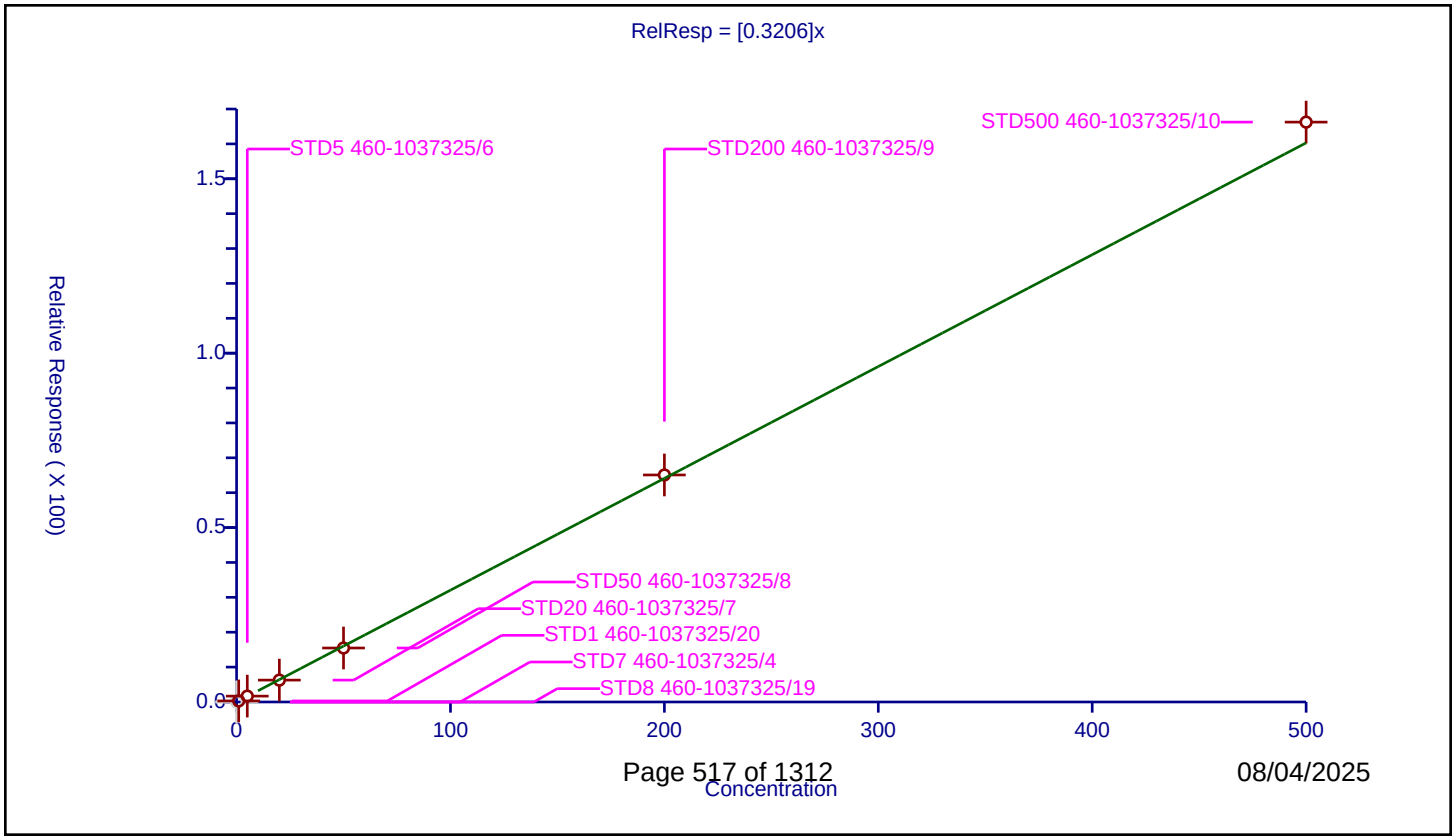
Curve Coefficients

Intercept:	0
Slope:	0.3206

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.304675	50.0	530729.0	0.304675	Y
4	STD5 460-1037325/6	5.0	1.687413	50.0	516323.0	0.337483	Y
5	STD20 460-1037325/7	20.0	6.276307	50.0	511503.0	0.313815	Y
6	STD50 460-1037325/8	50.0	15.47836	50.0	509282.0	0.309567	Y
7	STD200 460-1037325/9	200.0	65.084746	50.0	502322.0	0.325424	Y
8	STD500 460-1037325/10	500.0	166.242698	50.0	511476.0	0.332485	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

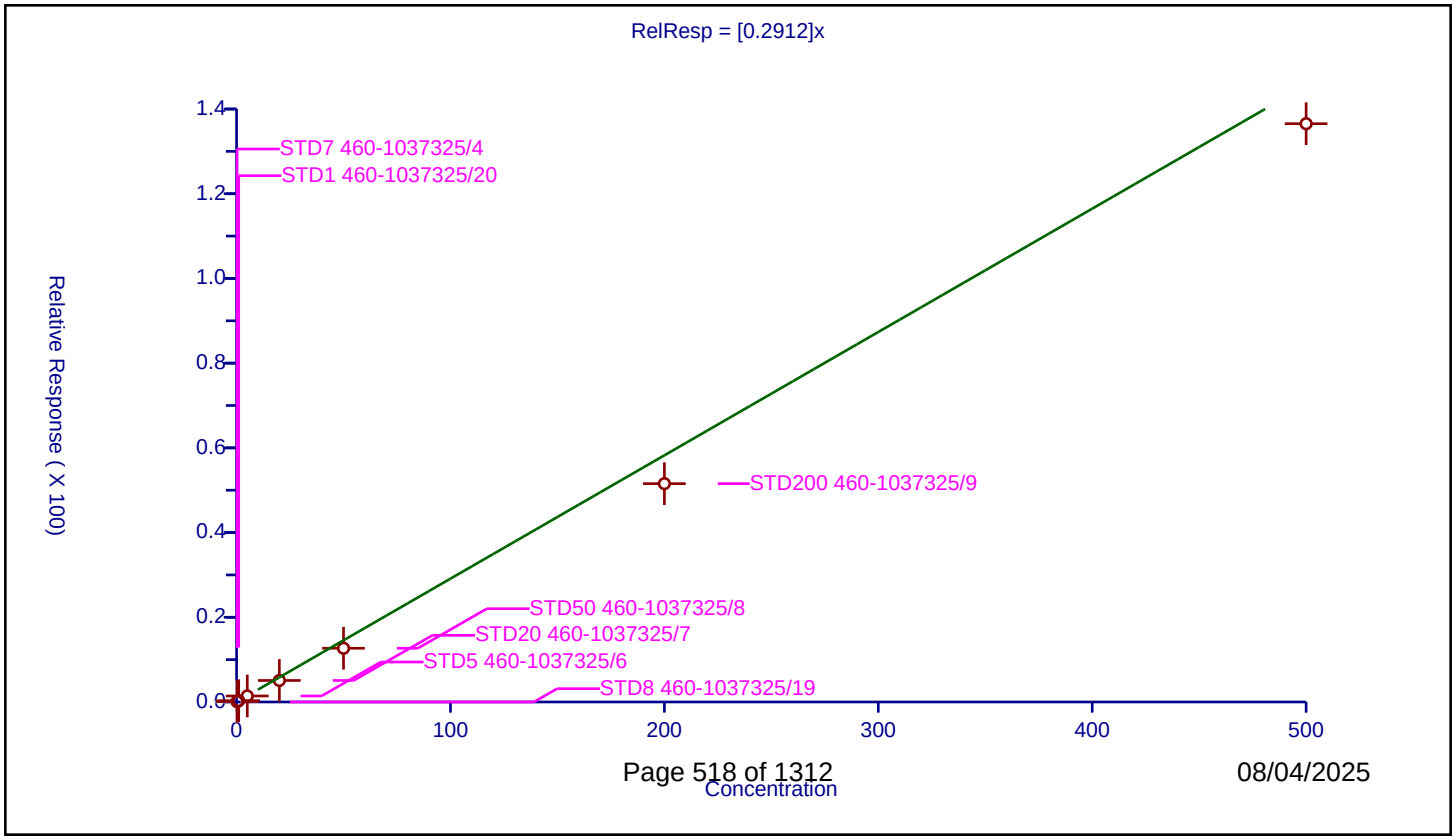
Curve Coefficients

Intercept:	0
Slope:	0.2912

Error Coefficients

Relative Standard Deviation:	18.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.101916	50.0	517583.0	0.407664	Y
3	STD1 460-1037325/20	1.0	0.308444	50.0	530729.0	0.308444	Y
4	STD5 460-1037325/6	5.0	1.418879	50.0	516323.0	0.283776	Y
5	STD20 460-1037325/7	20.0	5.077683	50.0	511503.0	0.253884	Y
6	STD50 460-1037325/8	50.0	12.681383	50.0	509282.0	0.253628	Y
7	STD200 460-1037325/9	200.0	51.549703	50.0	502322.0	0.257749	Y
8	STD500 460-1037325/10	500.0	136.527911	50.0	511476.0	0.273056	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

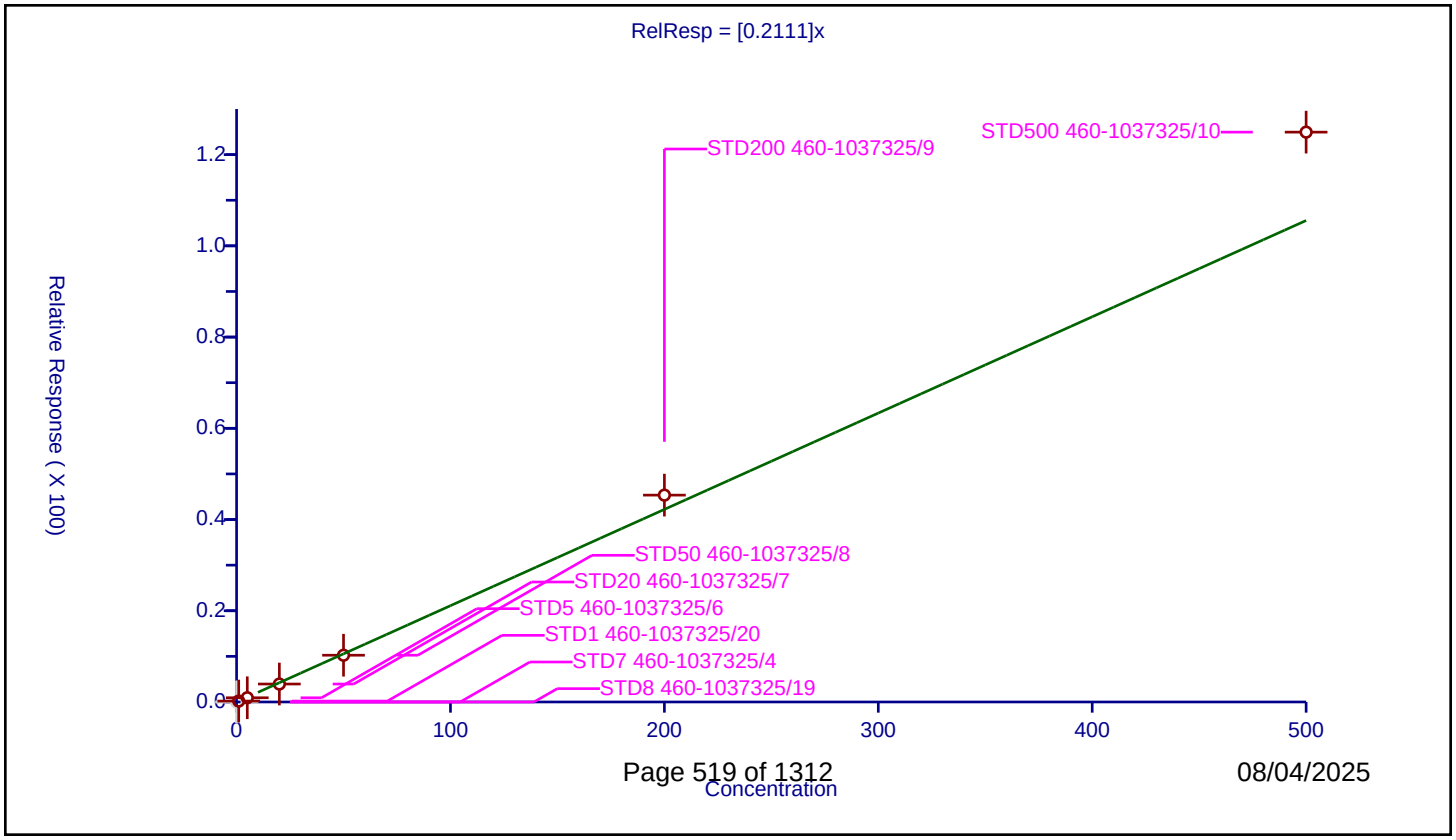
Curve Coefficients

Intercept:	0
Slope:	0.2111

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.202269	50.0	530729.0	0.202269	Y
4	STD5 460-1037325/6	5.0	0.92936	50.0	516323.0	0.185872	Y
5	STD20 460-1037325/7	20.0	3.937611	50.0	511503.0	0.196881	Y
6	STD50 460-1037325/8	50.0	10.252571	50.0	509282.0	0.205051	Y
7	STD200 460-1037325/9	200.0	45.354772	50.0	502322.0	0.226774	Y
8	STD500 460-1037325/10	500.0	124.932255	50.0	511476.0	0.249865	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

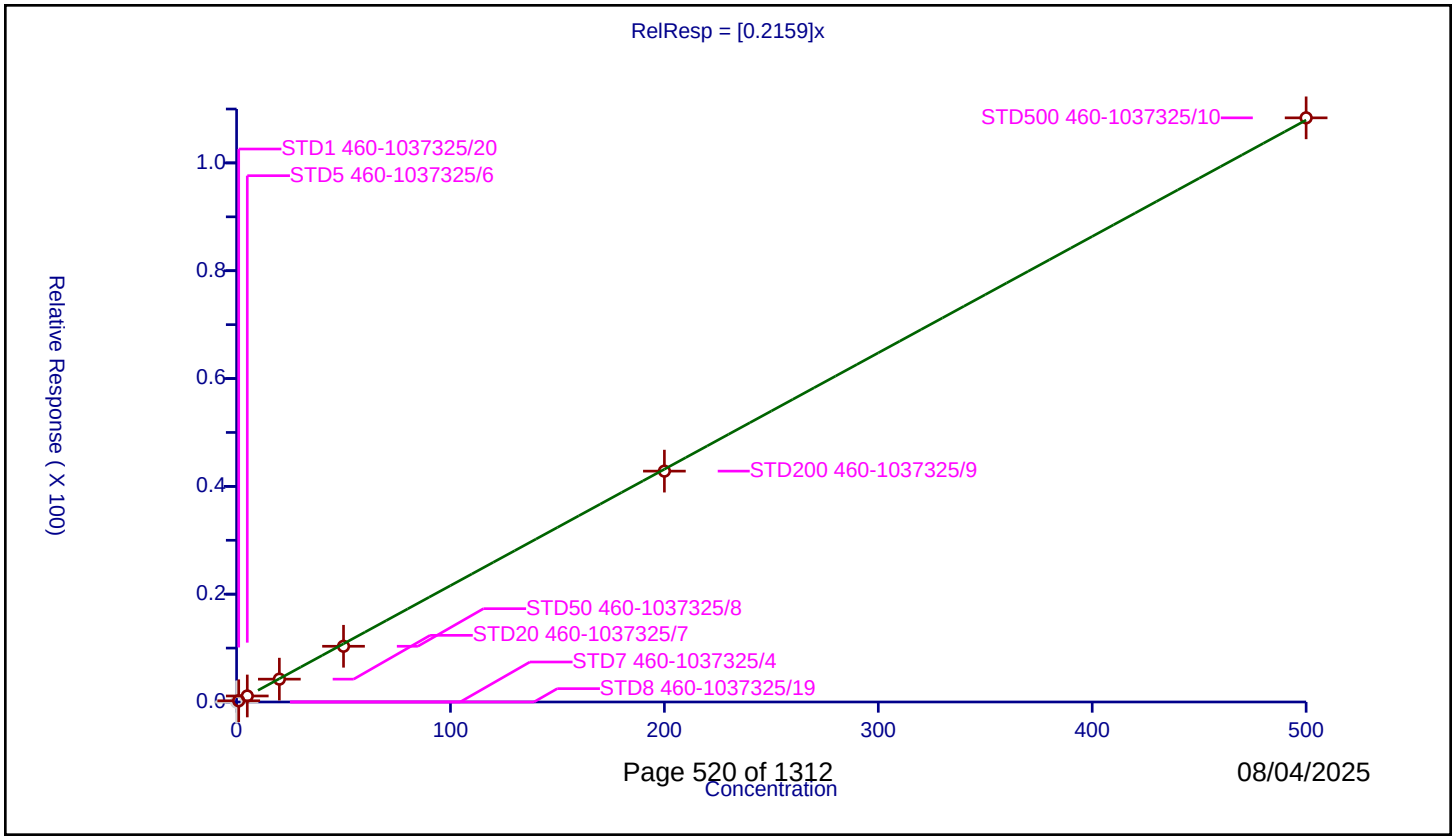
Curve Coefficients

Intercept:	0
Slope:	0.2159

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.222995	50.0	530729.0	0.222995	Y
4	STD5 460-1037325/6	5.0	1.11529	50.0	516323.0	0.223058	Y
5	STD20 460-1037325/7	20.0	4.235948	50.0	511503.0	0.211797	Y
6	STD50 460-1037325/8	50.0	10.335531	50.0	509282.0	0.206711	Y
7	STD200 460-1037325/9	200.0	42.825717	50.0	502322.0	0.214129	Y
8	STD500 460-1037325/10	500.0	108.362074	50.0	511476.0	0.216724	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

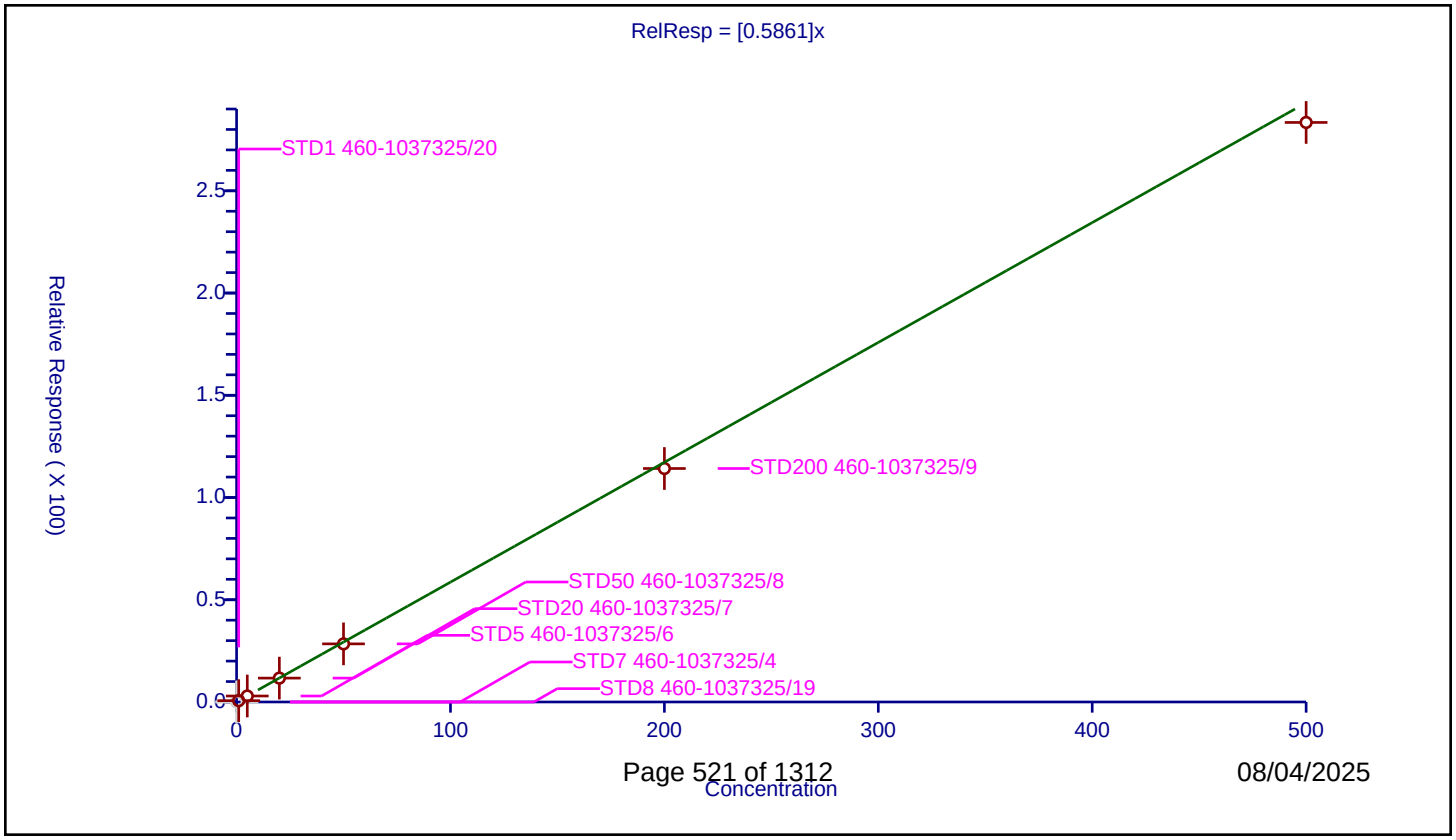
Curve Coefficients

Intercept:	0
Slope:	0.5861

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.642041	50.0	530729.0	0.642041	Y
4	STD5 460-1037325/6	5.0	2.921911	50.0	516323.0	0.584382	Y
5	STD20 460-1037325/7	20.0	11.677742	50.0	511503.0	0.583887	Y
6	STD50 460-1037325/8	50.0	28.423938	50.0	509282.0	0.568479	Y
7	STD200 460-1037325/9	200.0	114.184029	50.0	502322.0	0.57092	Y
8	STD500 460-1037325/10	500.0	283.429623	50.0	511476.0	0.566859	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

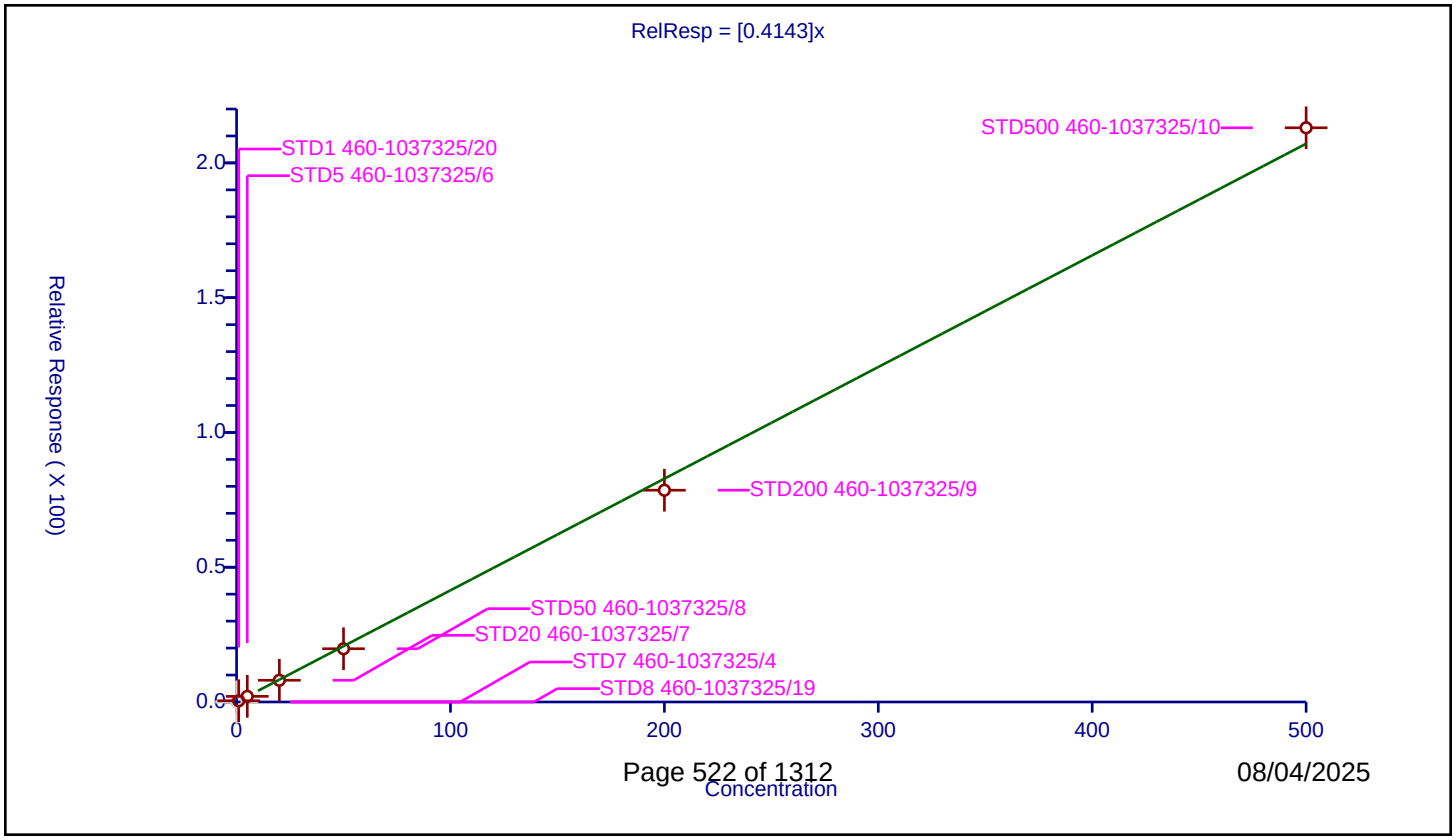
Curve Coefficients

Intercept:	0
Slope:	0.4143

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
2	STD7 460-1037325/4	0.25	0.0	50.0	517583.0	0.0	N
3	STD1 460-1037325/20	1.0	0.449947	50.0	530729.0	0.449947	Y
4	STD5 460-1037325/6	5.0	2.092004	50.0	516323.0	0.418401	Y
5	STD20 460-1037325/7	20.0	8.062416	50.0	511503.0	0.403121	Y
6	STD50 460-1037325/8	50.0	19.75654	50.0	509282.0	0.395131	Y
7	STD200 460-1037325/9	200.0	78.566836	50.0	502322.0	0.392834	Y
8	STD500 460-1037325/10	500.0	213.035509	50.0	511476.0	0.426071	Y



Calibration / Pentane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

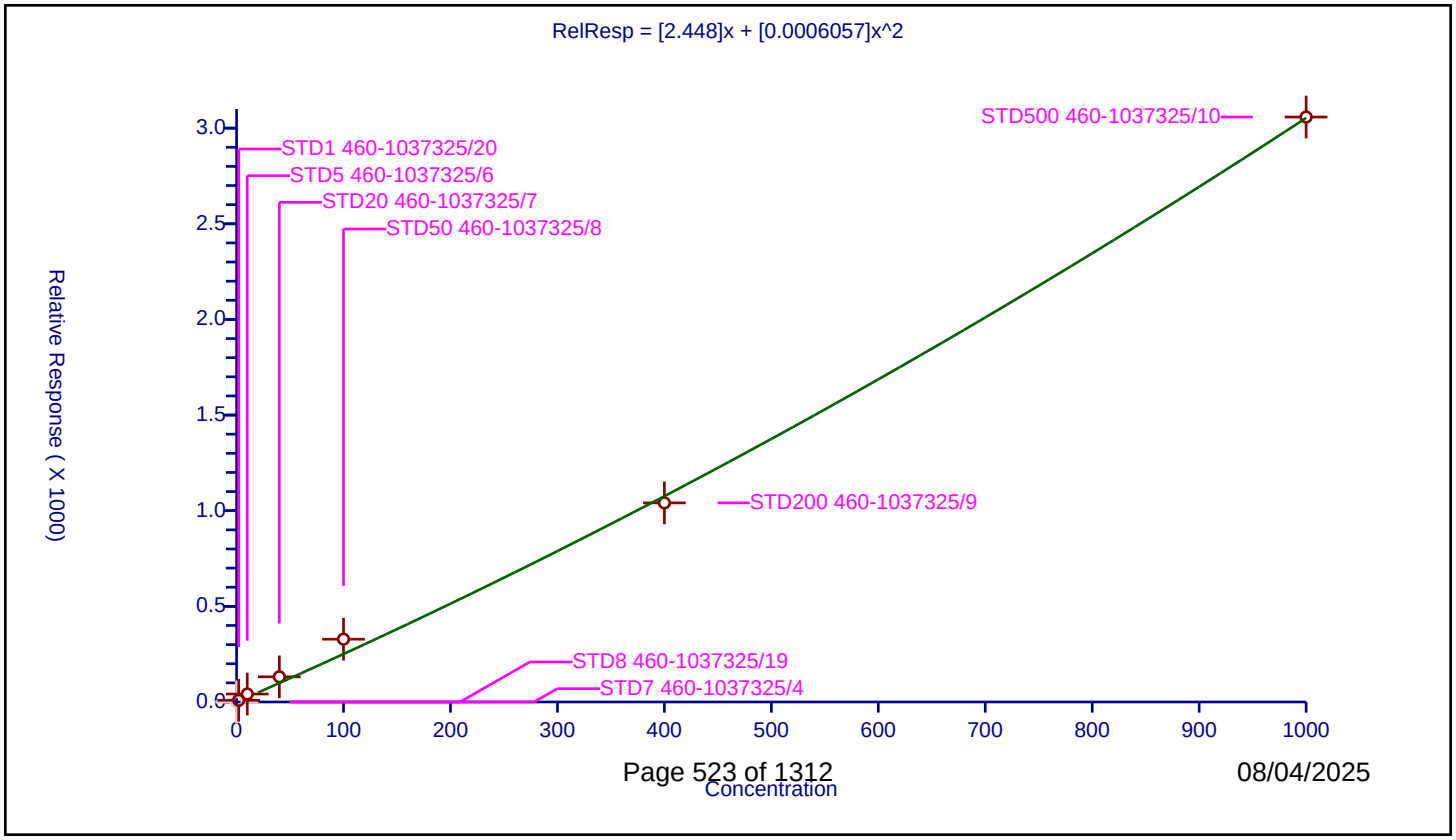
Curve Coefficients

Intercept:	0
Slope:	2.448
Second Order:	0.0006057

Error Coefficients

Relative Standard Deviation:	58.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	2.0	8.954377	1000.0	130439.0	4.477189	Y
4	STD5 460-1037325/6	10.0	41.578151	1000.0	117682.0	4.157815	Y
5	STD20 460-1037325/7	40.0	131.595895	1000.0	119563.0	3.289897	Y
6	STD50 460-1037325/8	100.0	328.237713	1000.0	118664.0	3.282377	Y
7	STD200 460-1037325/9	400.0	1040.955274	1000.0	114564.0	2.602388	Y
8	STD500 460-1037325/10	1000.0	3058.102399	1000.0	120236.0	3.058102	Y



08/04/2025

Calibration / Ethanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

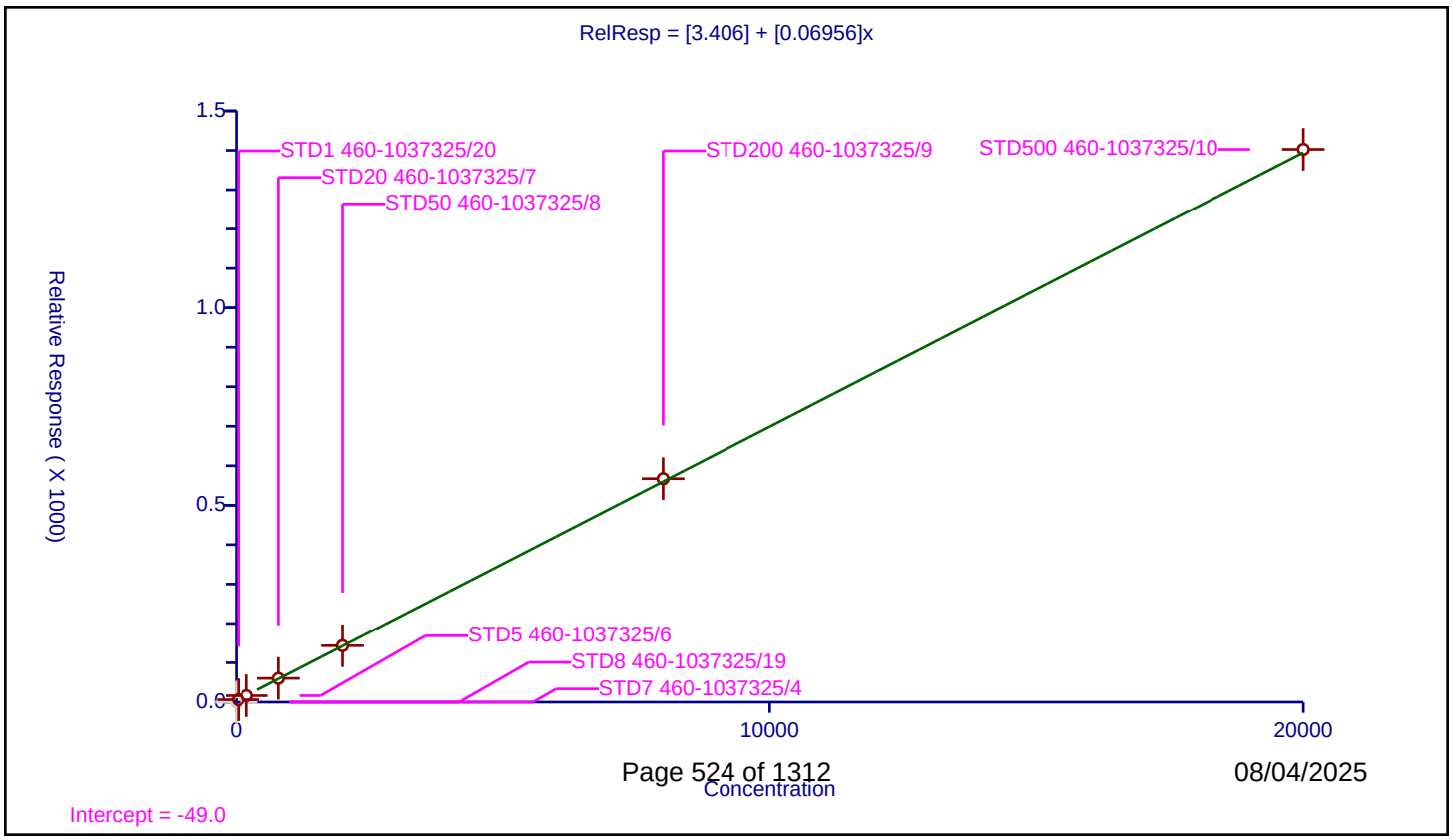
Curve Coefficients

Intercept:	3.406
Slope:	0.06956

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	8.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	40.0	6.217466	1000.0	130439.0	0.155437	Y
4	STD5 460-1037325/6	200.0	16.485104	1000.0	117682.0	0.082426	Y
5	STD20 460-1037325/7	800.0	60.403302	1000.0	119563.0	0.075504	Y
6	STD50 460-1037325/8	2000.0	143.345918	1000.0	118664.0	0.071673	Y
7	STD200 460-1037325/9	8000.0	567.254984	1000.0	114564.0	0.070907	Y
8	STD500 460-1037325/10	20000.0	1402.583253	1000.0	120236.0	0.070129	Y



Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

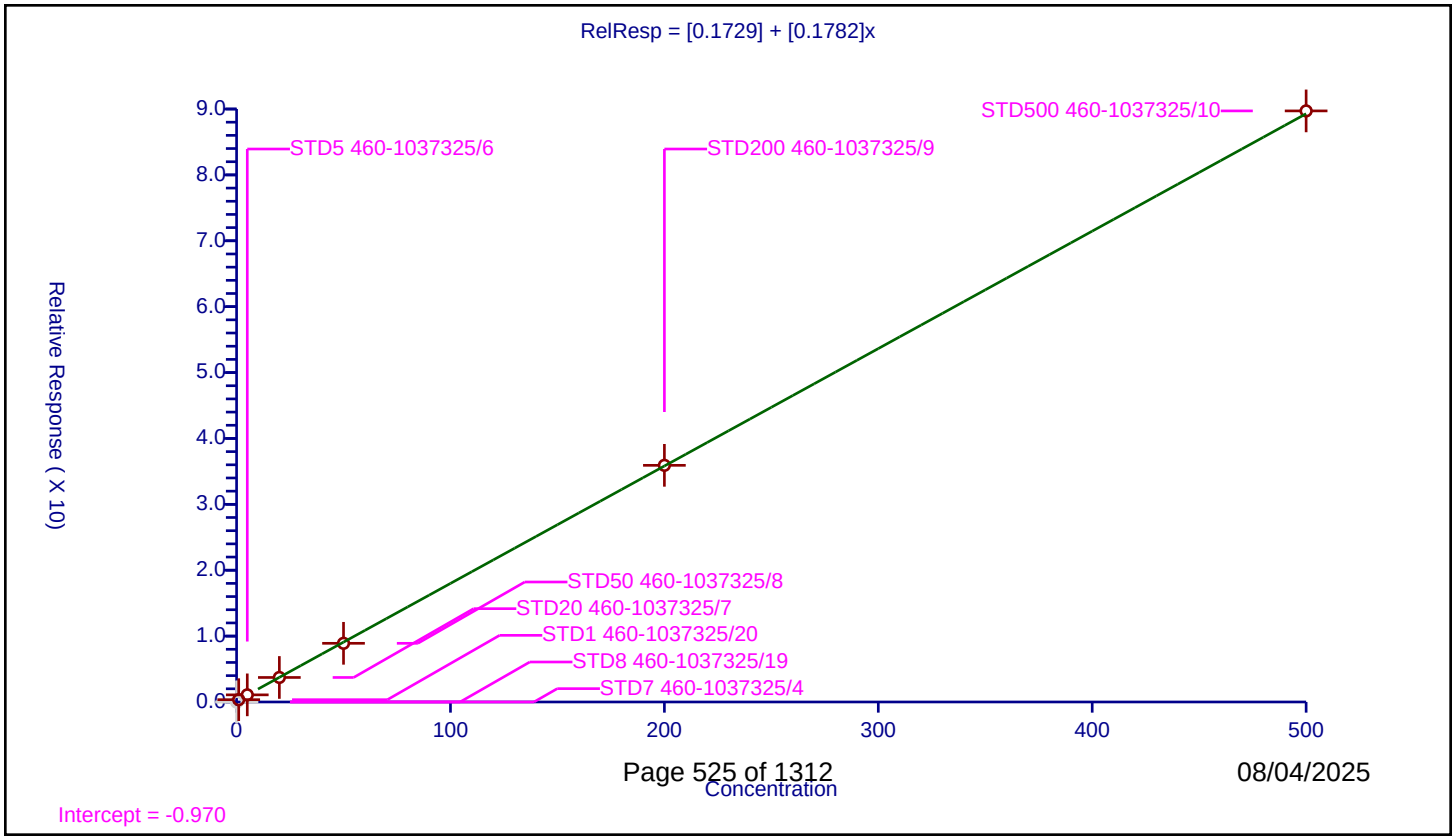
Curve Coefficients

Intercept:	0.1729
Slope:	0.1782

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.350556	50.0	530729.0	0.350556	Y
4	STD5 460-1037325/6	5.0	1.081881	50.0	516323.0	0.216376	Y
5	STD20 460-1037325/7	20.0	3.722363	50.0	511503.0	0.186118	Y
6	STD50 460-1037325/8	50.0	8.904988	50.0	509282.0	0.1781	Y
7	STD200 460-1037325/9	200.0	35.920585	50.0	502322.0	0.179603	Y
8	STD500 460-1037325/10	500.0	89.71115	50.0	511476.0	0.179422	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

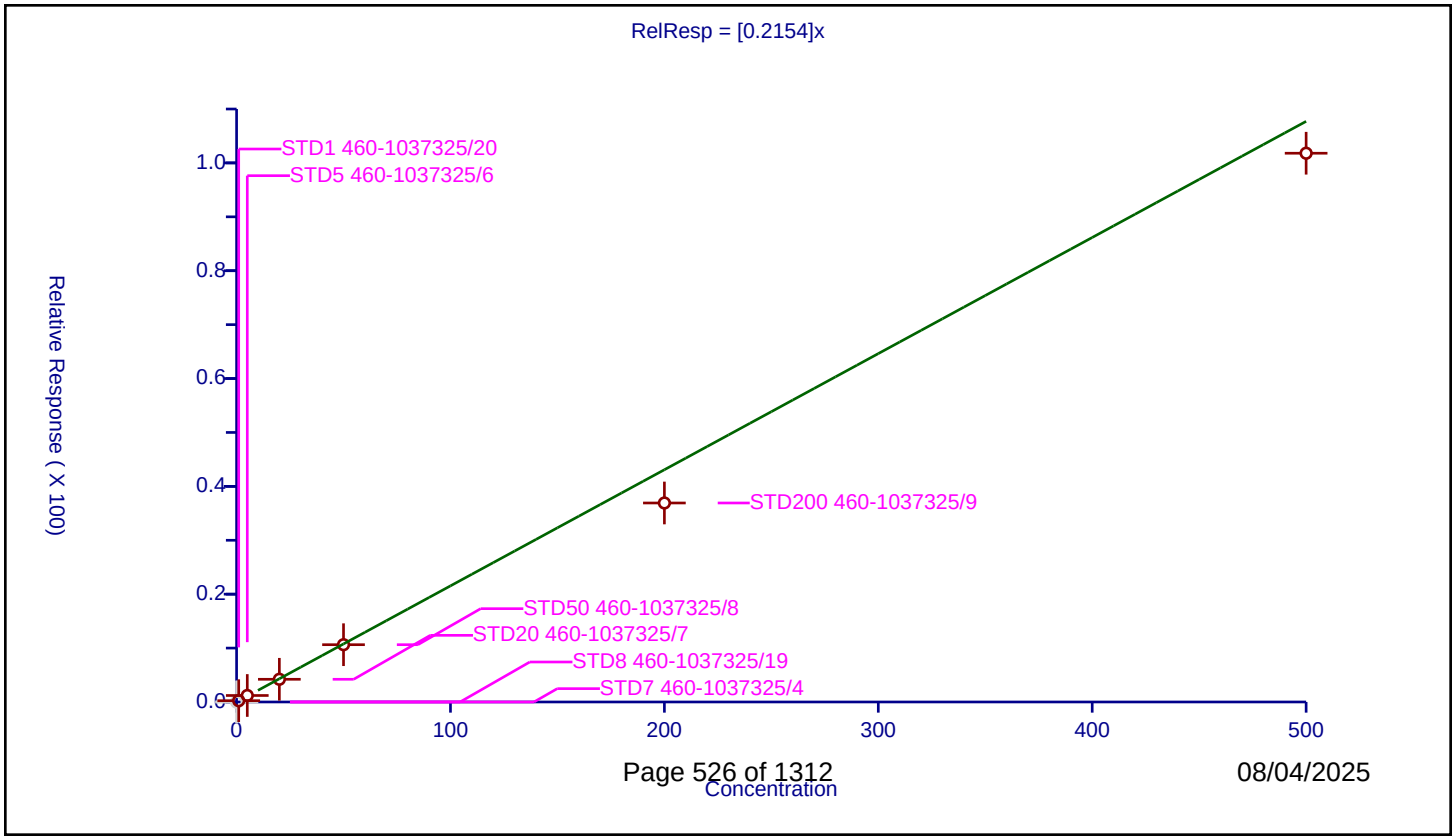
Curve Coefficients

Intercept:	0
Slope:	0.2154

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.23967	50.0	530729.0	0.23967	Y
4	STD5 460-1037325/6	5.0	1.2069	50.0	516323.0	0.24138	Y
5	STD20 460-1037325/7	20.0	4.213856	50.0	511503.0	0.210693	Y
6	STD50 460-1037325/8	50.0	10.630653	50.0	509282.0	0.212613	Y
7	STD200 460-1037325/9	200.0	36.914668	50.0	502322.0	0.184573	Y
8	STD500 460-1037325/10	500.0	101.799693	50.0	511476.0	0.203599	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

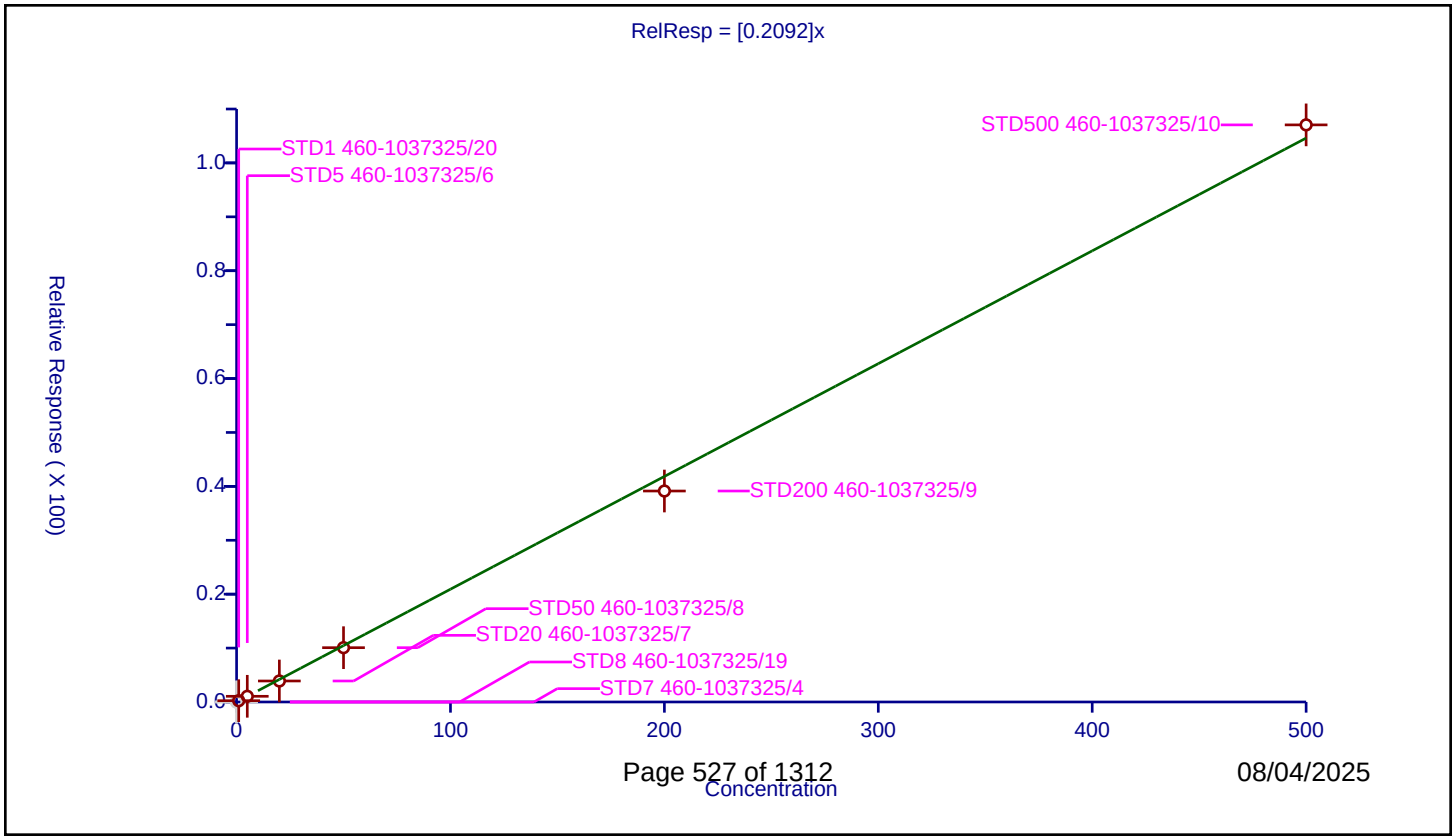
Curve Coefficients

Intercept:	0
Slope:	0.2092

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
3	STD1 460-1037325/20	1.0	0.237504	50.0	530729.0	0.237504	Y
4	STD5 460-1037325/6	5.0	1.057962	50.0	516323.0	0.211592	Y
5	STD20 460-1037325/7	20.0	3.897631	50.0	511503.0	0.194882	Y
6	STD50 460-1037325/8	50.0	10.076539	50.0	509282.0	0.201531	Y
7	STD200 460-1037325/9	200.0	39.136052	50.0	502322.0	0.19568	Y
8	STD500 460-1037325/10	500.0	107.058102	50.0	511476.0	0.214116	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

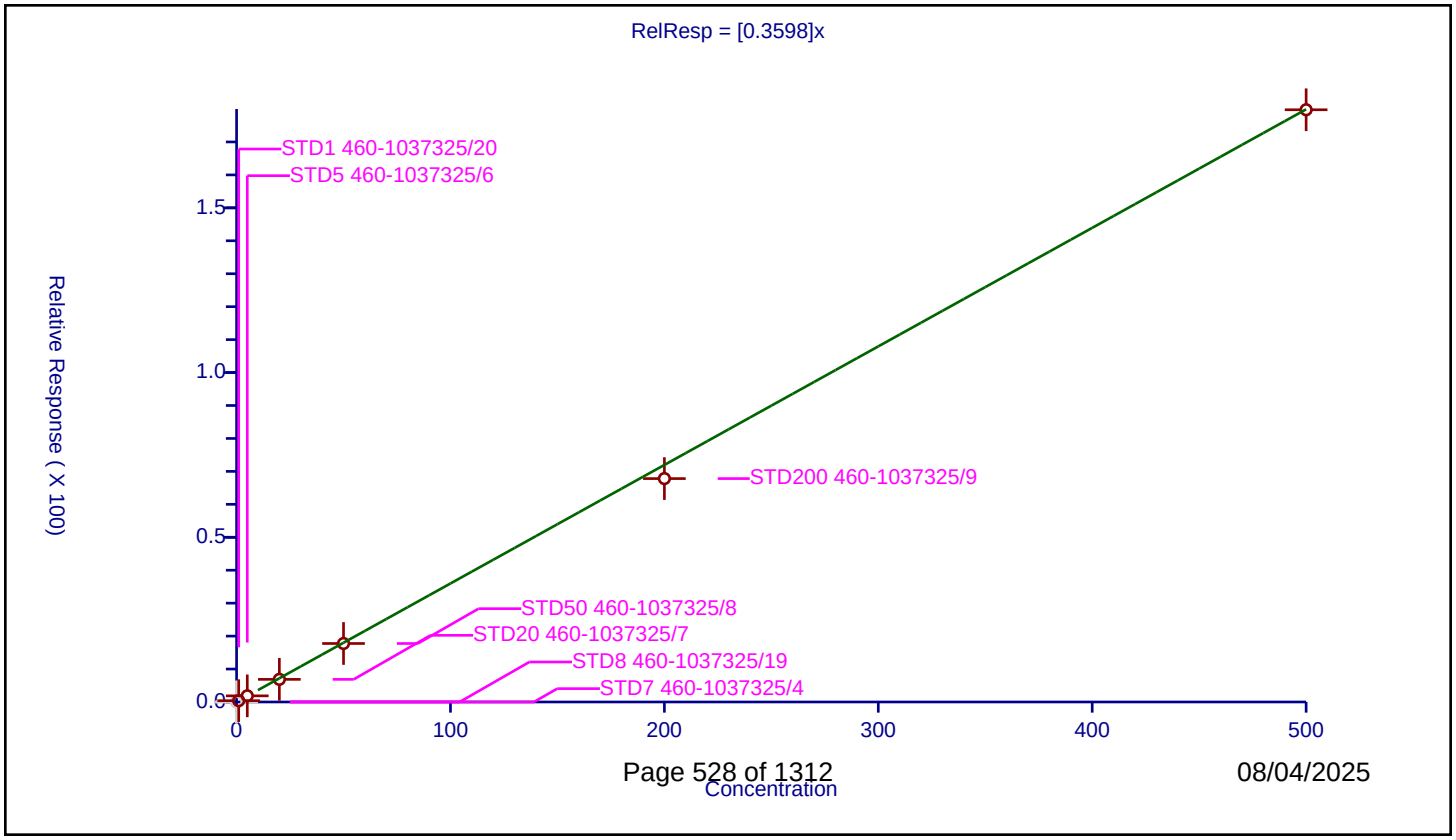
Curve Coefficients

Intercept:	0
Slope:	0.3598

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.0	0.0	50.0	533651.0	NaN	N
3	STD1 460-1037325/20	1.0	0.388616	50.0	530729.0	0.388616	Y
4	STD5 460-1037325/6	5.0	1.865596	50.0	516323.0	0.373119	Y
5	STD20 460-1037325/7	20.0	6.866529	50.0	511503.0	0.343326	Y
6	STD50 460-1037325/8	50.0	17.758727	50.0	509282.0	0.355175	Y
7	STD200 460-1037325/9	200.0	67.81437	50.0	502322.0	0.339072	Y
8	STD500 460-1037325/10	500.0	179.771192	50.0	511476.0	0.359542	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

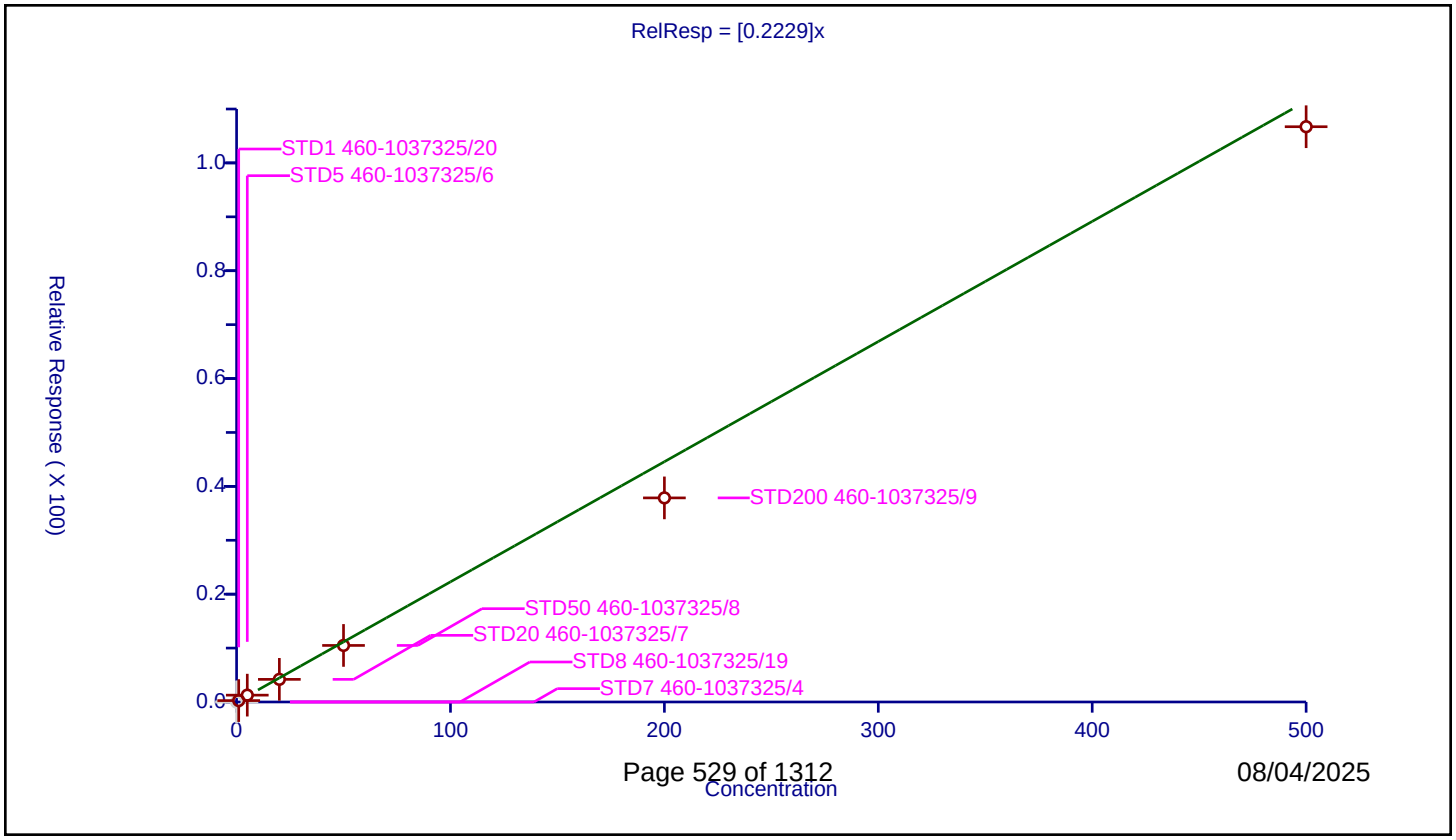
Curve Coefficients

Intercept:	0
Slope:	0.2229

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.26115	50.0	530729.0	0.26115	Y
4	STD5 460-1037325/6	5.0	1.268683	50.0	516323.0	0.253737	Y
5	STD20 460-1037325/7	20.0	4.196163	50.0	511503.0	0.209808	Y
6	STD50 460-1037325/8	50.0	10.490062	50.0	509282.0	0.209801	Y
7	STD200 460-1037325/9	200.0	37.860078	50.0	502322.0	0.1893	Y
8	STD500 460-1037325/10	500.0	106.717617	50.0	511476.0	0.213435	Y



Calibration / Acrolein

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

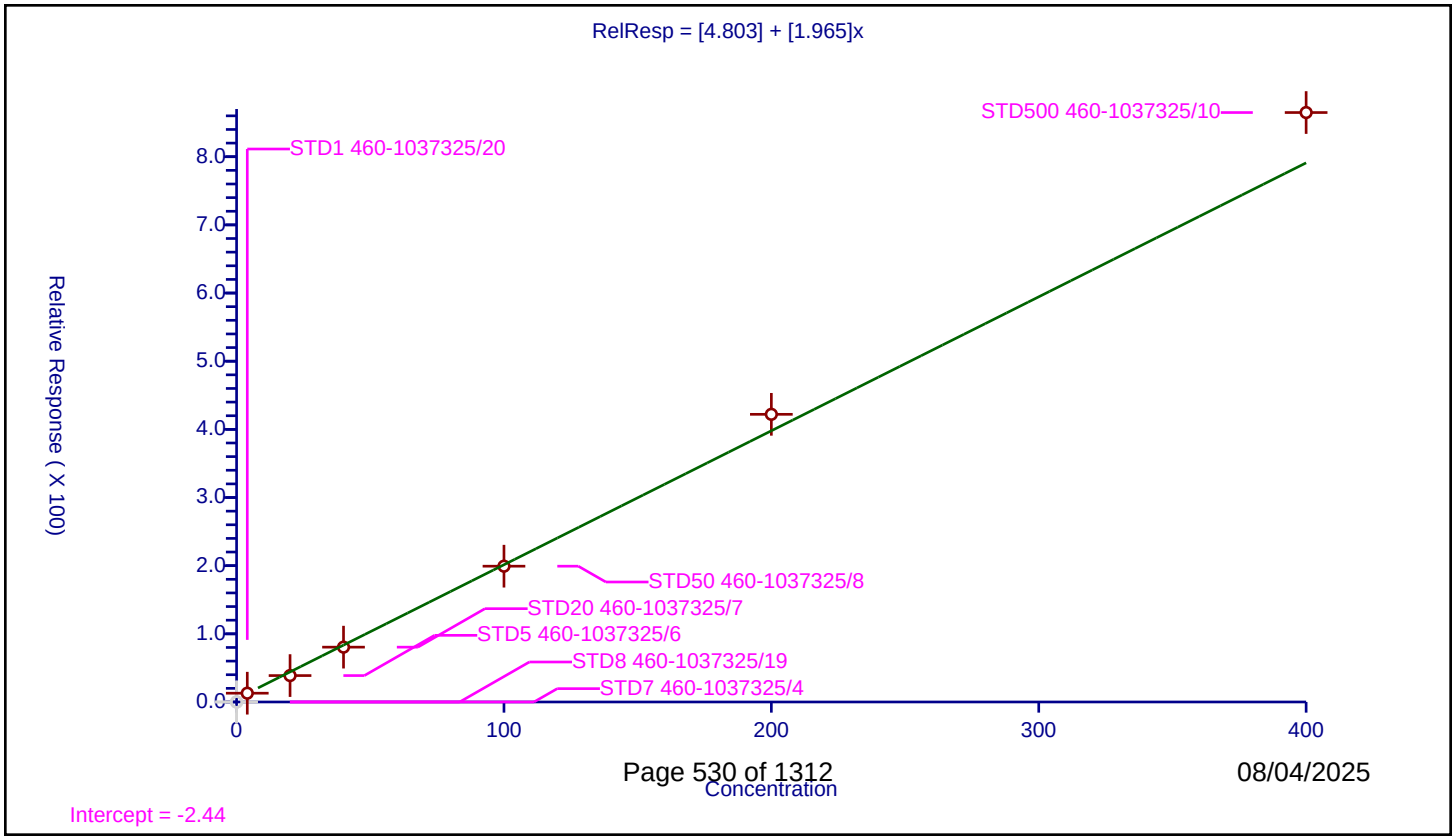
Curve Coefficients

Intercept:	4.803
Slope:	1.965

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	0.0	0.0	1000.0	139095.0	NaN	N
3	STD1 460-1037325/20	4.0	12.894916	1000.0	130439.0	3.223729	Y
4	STD5 460-1037325/6	20.0	38.756989	1000.0	117682.0	1.937849	Y
5	STD20 460-1037325/7	40.0	80.459674	1000.0	119563.0	2.011492	Y
6	STD50 460-1037325/8	100.0	199.234814	1000.0	118664.0	1.992348	Y
7	STD200 460-1037325/9	200.0	422.06976	1000.0	114564.0	2.110349	Y
8	STD500 460-1037325/10	400.0	864.840813	1000.0	120236.0	2.162102	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

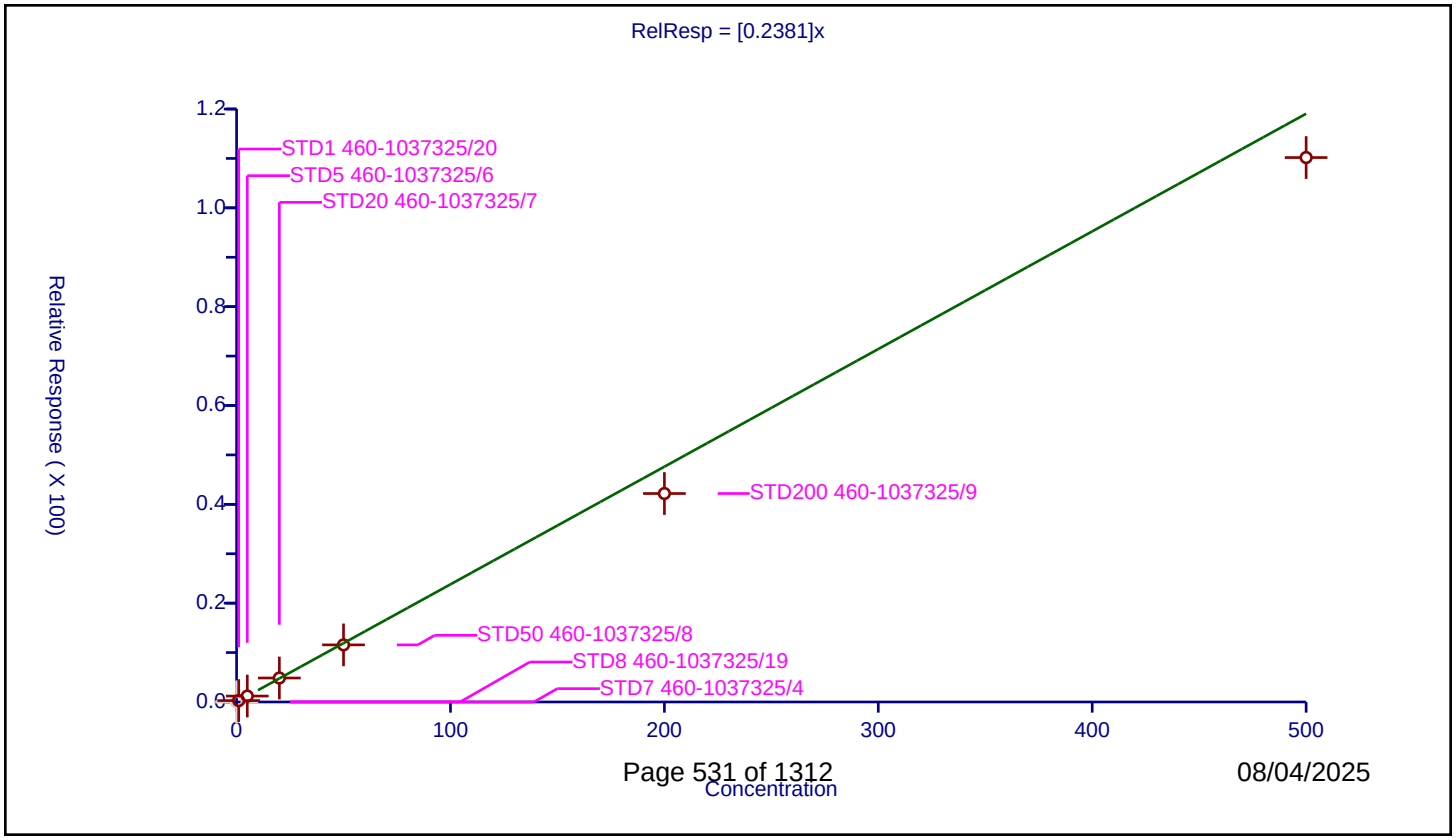
Curve Coefficients

Intercept:	0
Slope:	0.2381

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.282724	50.0	530729.0	0.282724	Y
4	STD5 460-1037325/6	5.0	1.202832	50.0	516323.0	0.240566	Y
5	STD20 460-1037325/7	20.0	4.856374	50.0	511503.0	0.242819	Y
6	STD50 460-1037325/8	50.0	11.557153	50.0	509282.0	0.231143	Y
7	STD200 460-1037325/9	200.0	42.18997	50.0	502322.0	0.21095	Y
8	STD500 460-1037325/10	500.0	110.178581	50.0	511476.0	0.220357	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

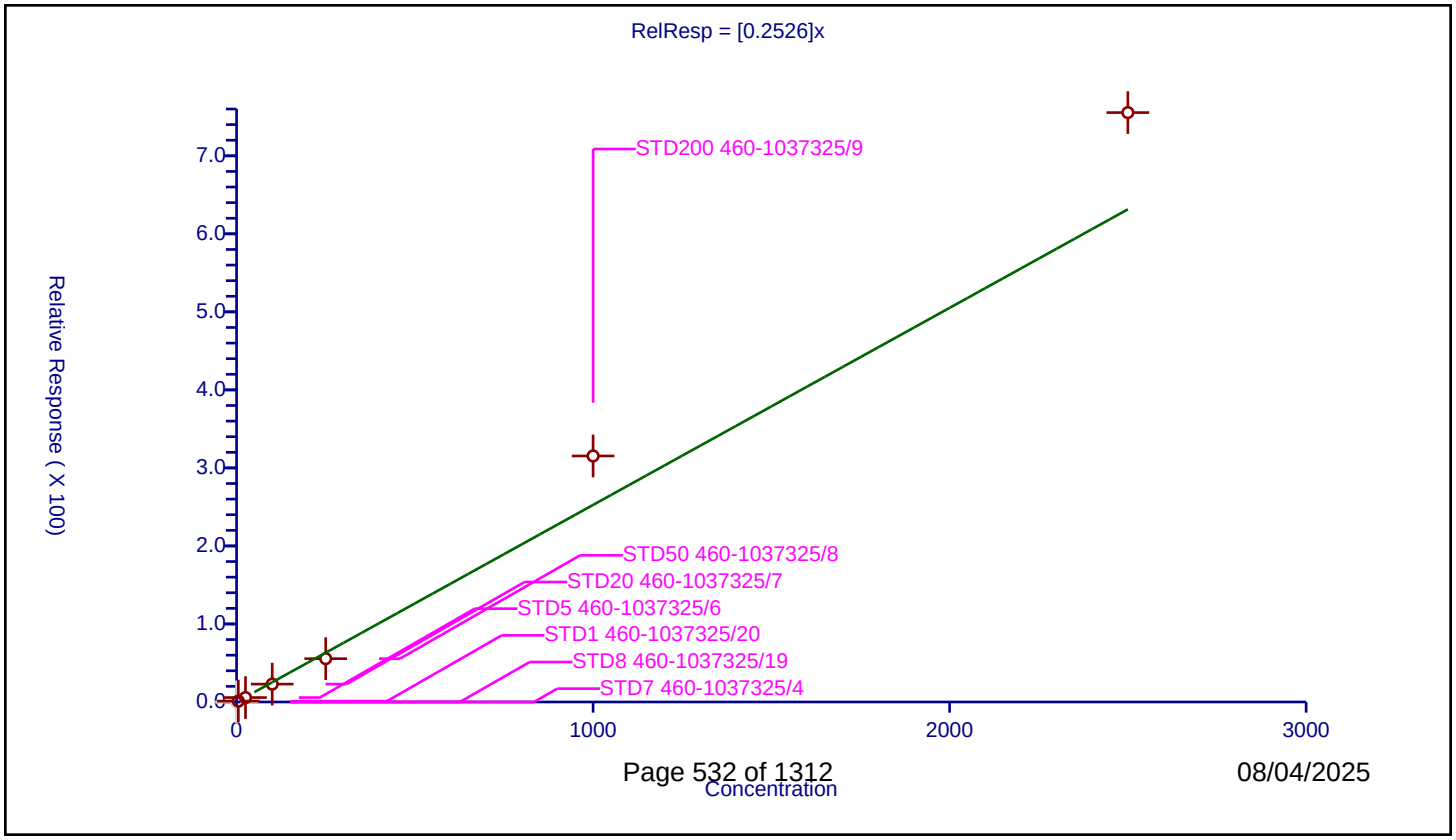
Curve Coefficients

Intercept:	0
Slope:	0.2526

Error Coefficients

Relative Standard Deviation:	17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	250.0	135237.0	NaN	N
2	STD8 460-1037325/19	1.0	0.0	250.0	146299.0	0.0	N
3	STD1 460-1037325/20	5.0	1.098608	250.0	140405.0	0.219722	Y
4	STD5 460-1037325/6	25.0	5.676367	250.0	136531.0	0.227055	Y
5	STD20 460-1037325/7	100.0	22.904568	250.0	138444.0	0.229046	Y
6	STD50 460-1037325/8	250.0	55.52278	250.0	135602.0	0.222091	Y
7	STD200 460-1037325/9	1000.0	315.300286	250.0	131125.0	0.3153	Y
8	STD500 460-1037325/10	2500.0	755.405704	250.0	140176.0	0.302162	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

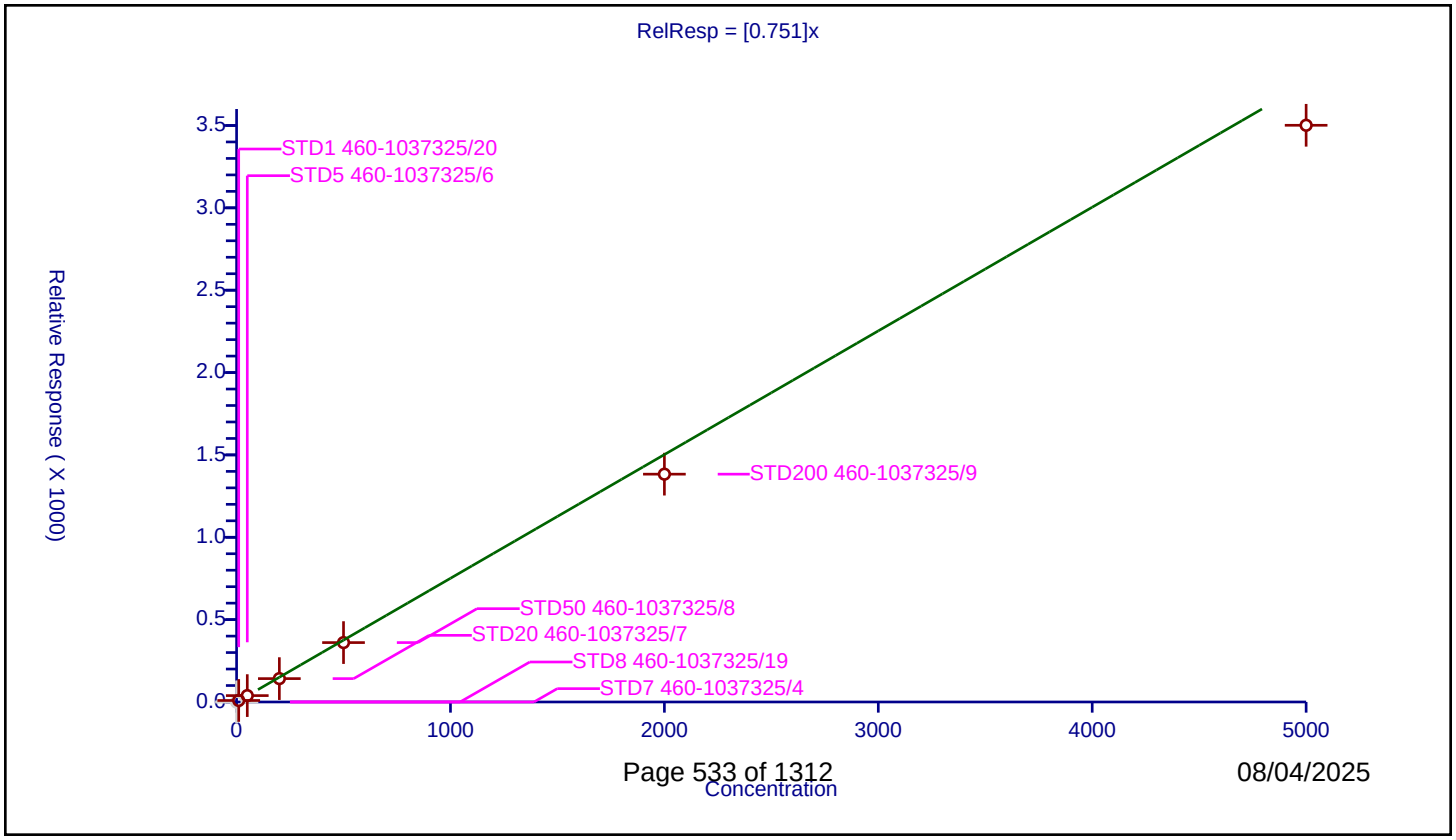
Curve Coefficients

Intercept:	0
Slope:	0.751

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	2.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	10.0	9.07704	1000.0	130439.0	0.907704	Y
4	STD5 460-1037325/6	50.0	38.756989	1000.0	117682.0	0.77514	Y
5	STD20 460-1037325/7	200.0	141.97536	1000.0	119563.0	0.709877	Y
6	STD50 460-1037325/8	500.0	360.682263	1000.0	118664.0	0.721365	Y
7	STD200 460-1037325/9	2000.0	1383.157013	1000.0	114564.0	0.691579	Y
8	STD500 460-1037325/10	5000.0	3501.272497	1000.0	120236.0	0.700254	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

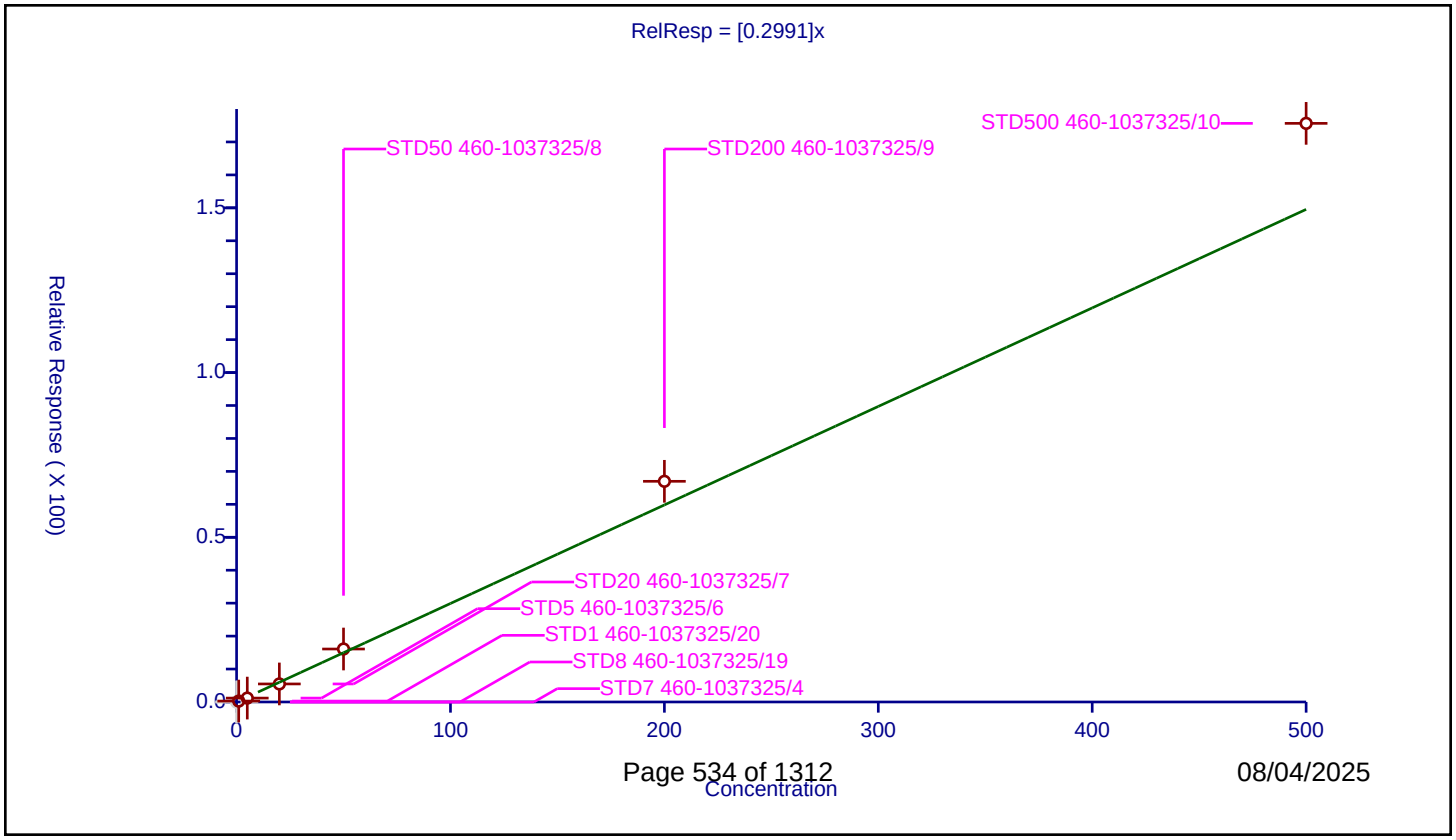
Curve Coefficients

Intercept:	0
Slope:	0.2991

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.275659	50.0	530729.0	0.275659	Y
4	STD5 460-1037325/6	5.0	1.18482	50.0	516323.0	0.236964	Y
5	STD20 460-1037325/7	20.0	5.476898	50.0	511503.0	0.273845	Y
6	STD50 460-1037325/8	50.0	16.082151	50.0	509282.0	0.321643	Y
7	STD200 460-1037325/9	200.0	66.988207	50.0	502322.0	0.334941	Y
8	STD500 460-1037325/10	500.0	175.64832	50.0	511476.0	0.351297	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

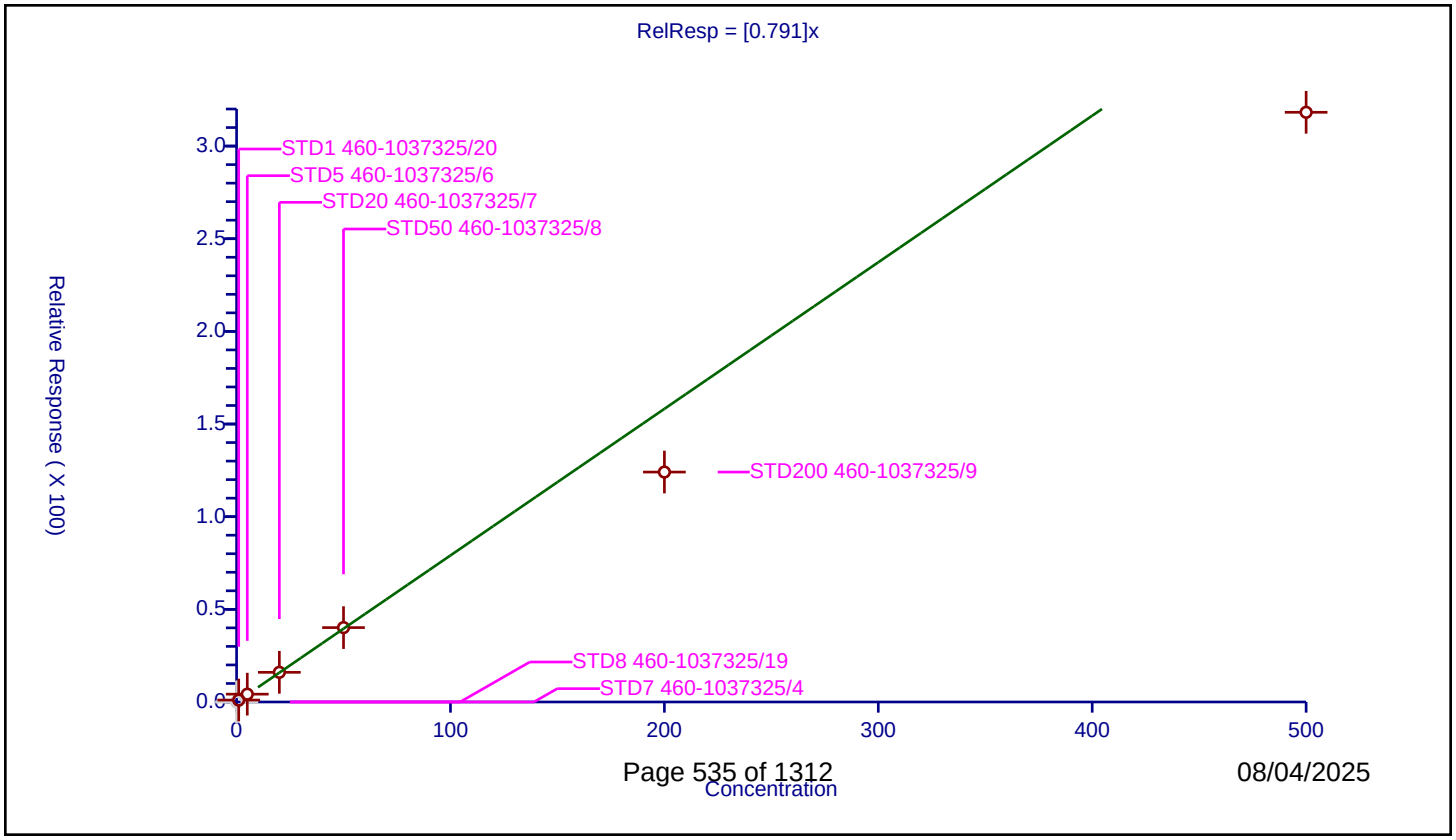
Curve Coefficients

Intercept:	0
Slope:	0.791

Error Coefficients

Relative Standard Deviation:	19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	1.041492	50.0	530729.0	1.041492	Y
4	STD5 460-1037325/6	5.0	4.21858	50.0	516323.0	0.843716	Y
5	STD20 460-1037325/7	20.0	16.016622	50.0	511503.0	0.800831	Y
6	STD50 460-1037325/8	50.0	40.140237	50.0	509282.0	0.802805	Y
7	STD200 460-1037325/9	200.0	124.079375	50.0	502322.0	0.620397	Y
8	STD500 460-1037325/10	500.0	318.236437	50.0	511476.0	0.636473	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

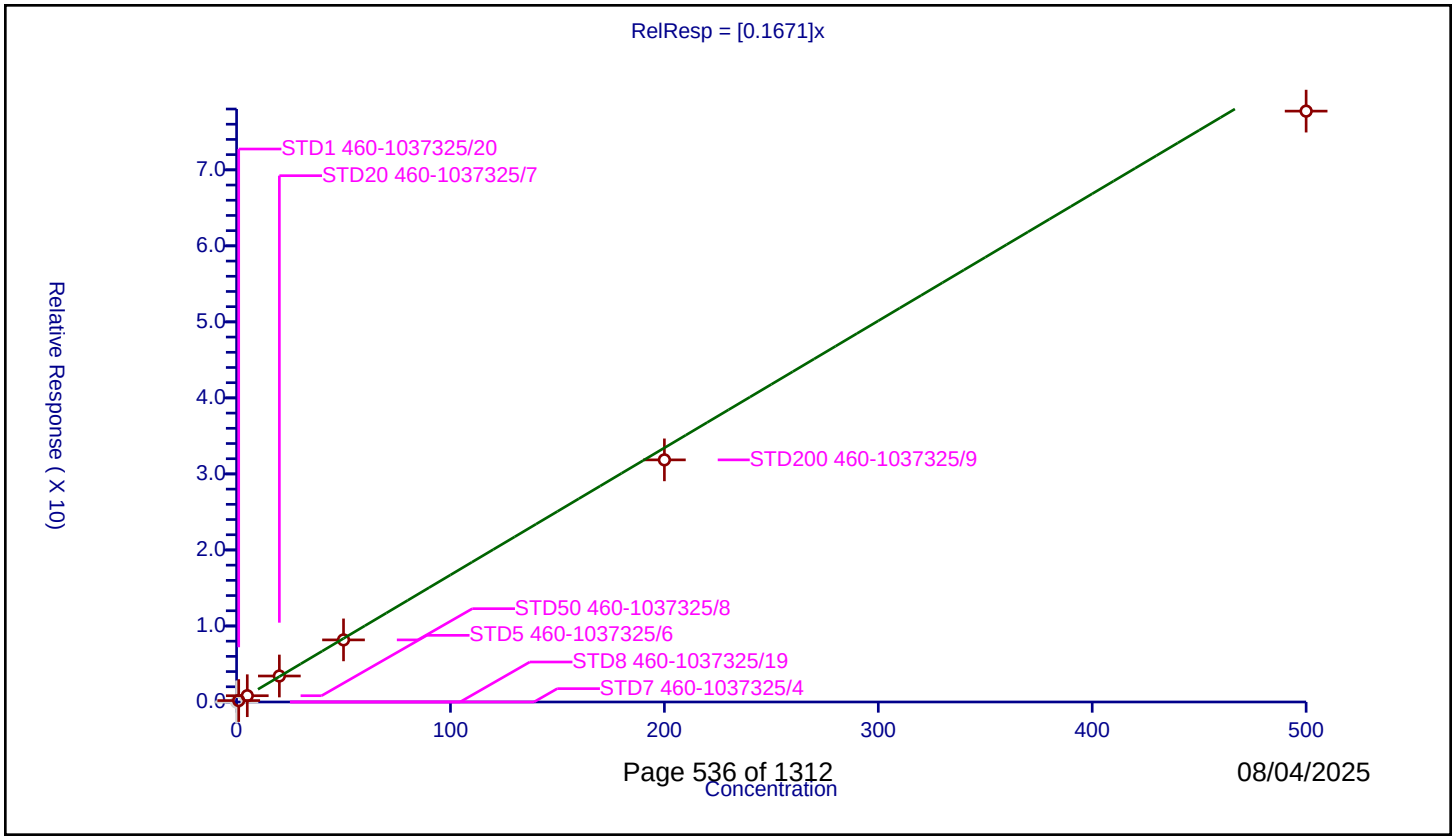
Curve Coefficients

Intercept:	0
Slope:	0.1671

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.188891	50.0	530729.0	0.188891	Y
4	STD5 460-1037325/6	5.0	0.824678	50.0	516323.0	0.164936	Y
5	STD20 460-1037325/7	20.0	3.417966	50.0	511503.0	0.170898	Y
6	STD50 460-1037325/8	50.0	8.168068	50.0	509282.0	0.163361	Y
7	STD200 460-1037325/9	200.0	31.848396	50.0	502322.0	0.159242	Y
8	STD500 460-1037325/10	500.0	77.722904	50.0	511476.0	0.155446	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

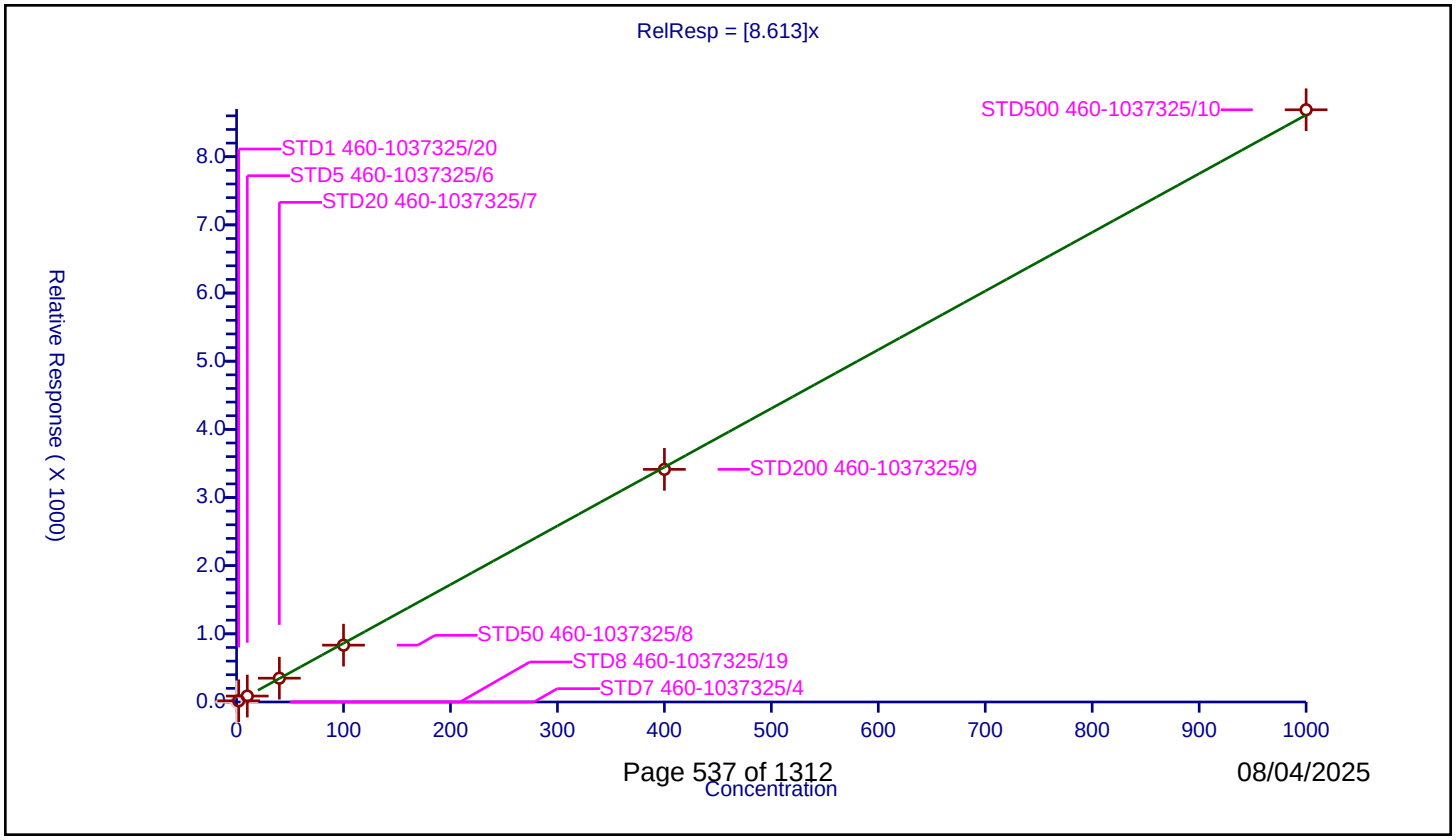
Curve Coefficients

Intercept:	0
Slope:	8.613

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	2.0	17.333773	1000.0	130439.0	8.666886	Y
4	STD5 460-1037325/6	10.0	87.175609	1000.0	117682.0	8.717561	Y
5	STD20 460-1037325/7	40.0	349.313751	1000.0	119563.0	8.732844	Y
6	STD50 460-1037325/8	100.0	834.060878	1000.0	118664.0	8.340609	Y
7	STD200 460-1037325/9	400.0	3413.131525	1000.0	114564.0	8.532829	Y
8	STD500 460-1037325/10	1000.0	8689.09478	1000.0	120236.0	8.689095	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

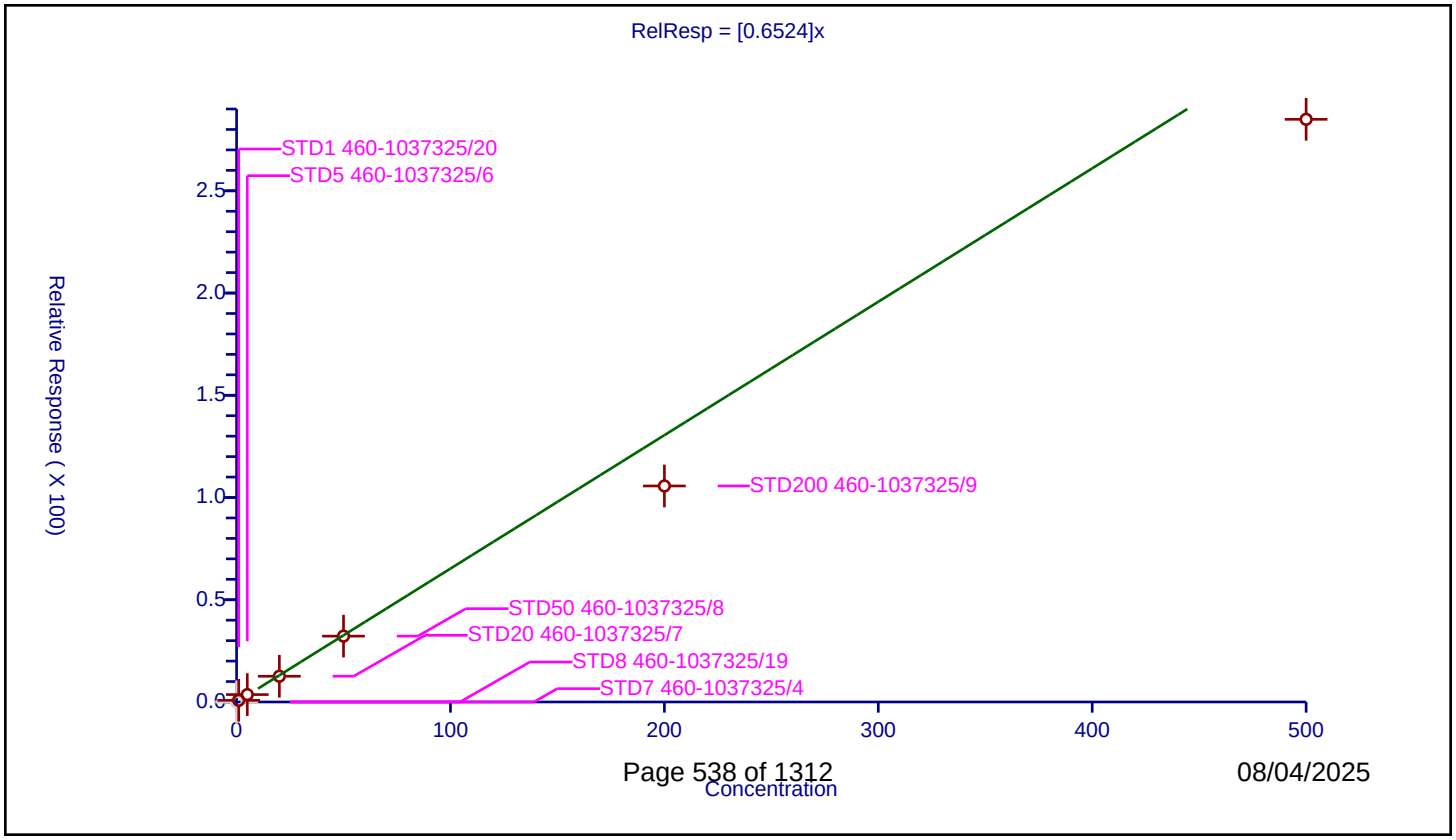
Curve Coefficients

Intercept:	0
Slope:	0.6524

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.818685	50.0	530729.0	0.818685	Y
4	STD5 460-1037325/6	5.0	3.620311	50.0	516323.0	0.724062	Y
5	STD20 460-1037325/7	20.0	12.592204	50.0	511503.0	0.62961	Y
6	STD50 460-1037325/8	50.0	32.207304	50.0	509282.0	0.644146	Y
7	STD200 460-1037325/9	200.0	105.641003	50.0	502322.0	0.528205	Y
8	STD500 460-1037325/10	500.0	284.961562	50.0	511476.0	0.569923	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

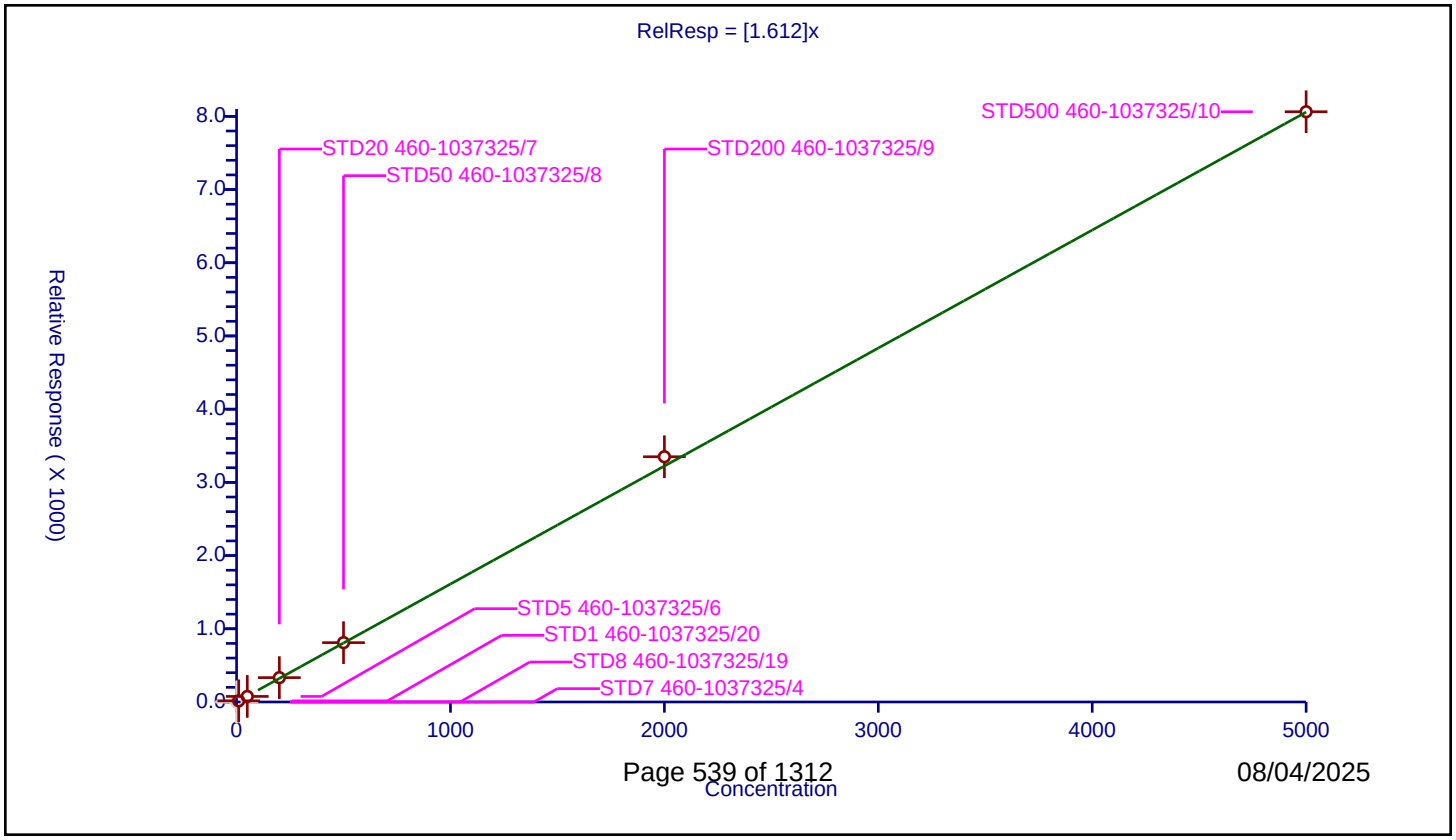
Curve Coefficients

Intercept:	0
Slope:	1.612

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	2.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	10.0	15.815822	1000.0	130439.0	1.581582	Y
4	STD5 460-1037325/6	50.0	75.780493	1000.0	117682.0	1.51561	Y
5	STD20 460-1037325/7	200.0	332.686533	1000.0	119563.0	1.663433	Y
6	STD50 460-1037325/8	500.0	810.532259	1000.0	118664.0	1.621065	Y
7	STD200 460-1037325/9	2000.0	3350.144897	1000.0	114564.0	1.675072	Y
8	STD500 460-1037325/10	5000.0	8062.69337	1000.0	120236.0	1.612539	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

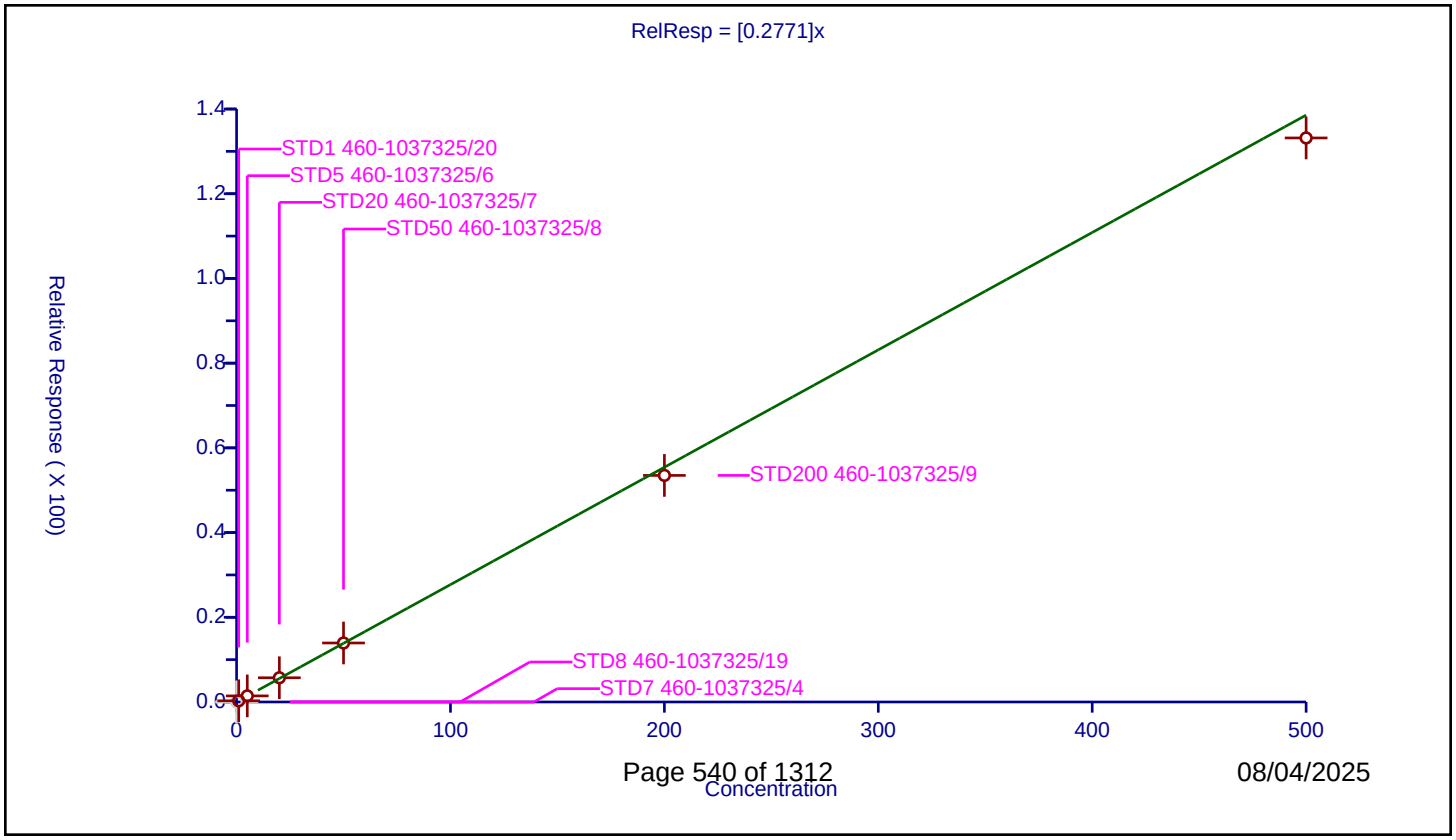
Curve Coefficients

Intercept:	0
Slope:	0.2771

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.277166	50.0	530729.0	0.277166	Y
4	STD5 460-1037325/6	5.0	1.43631	50.0	516323.0	0.287262	Y
5	STD20 460-1037325/7	20.0	5.717073	50.0	511503.0	0.285854	Y
6	STD50 460-1037325/8	50.0	13.930003	50.0	509282.0	0.2786	Y
7	STD200 460-1037325/9	200.0	53.493078	50.0	502322.0	0.267465	Y
8	STD500 460-1037325/10	500.0	133.168223	50.0	511476.0	0.266336	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

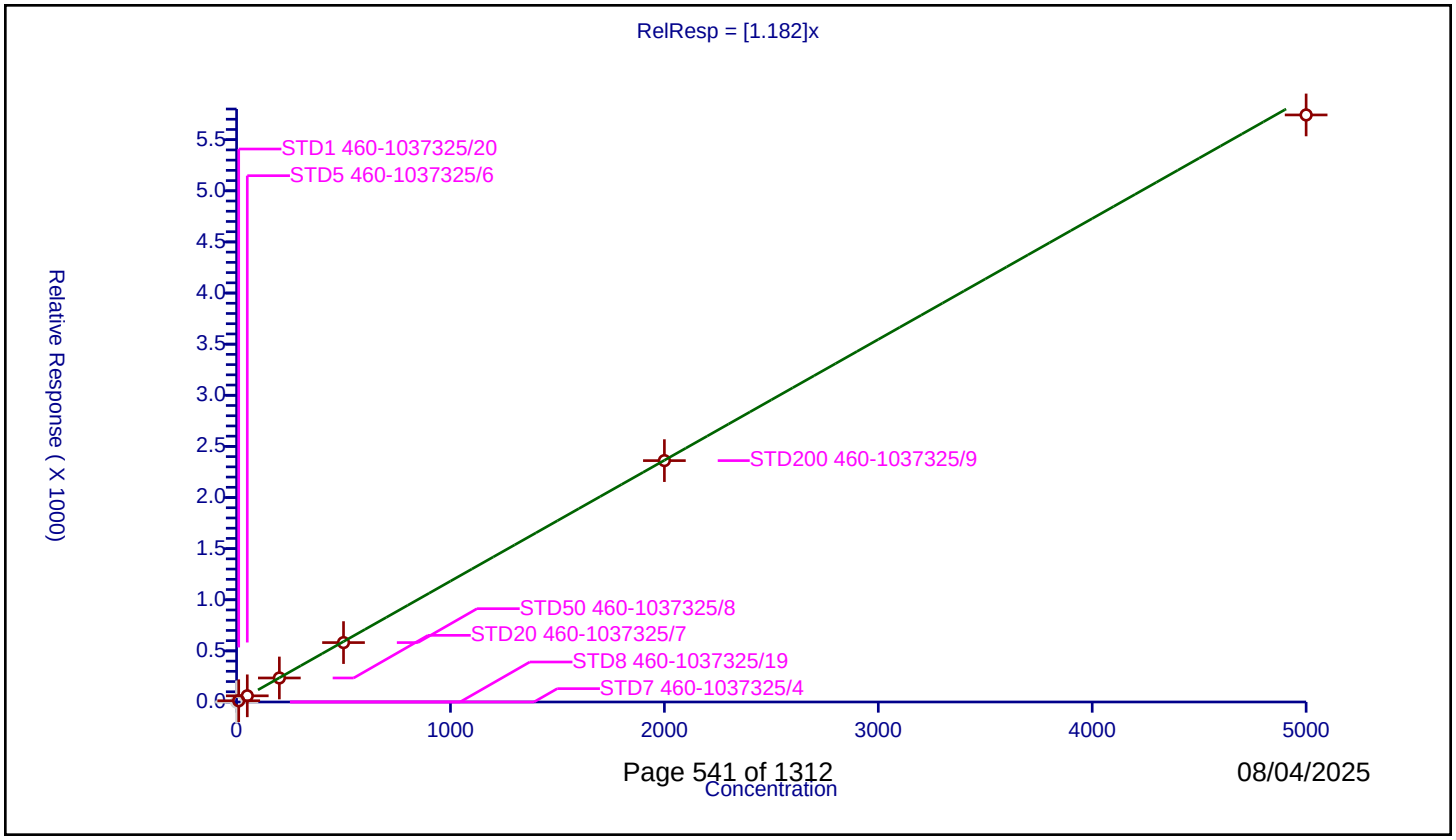
Curve Coefficients

Intercept:	0
Slope:	1.182

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	2.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	10.0	12.212605	1000.0	130439.0	1.221261	Y
4	STD5 460-1037325/6	50.0	60.315086	1000.0	117682.0	1.206302	Y
5	STD20 460-1037325/7	200.0	234.880356	1000.0	119563.0	1.174402	Y
6	STD50 460-1037325/8	500.0	580.925976	1000.0	118664.0	1.161852	Y
7	STD200 460-1037325/9	2000.0	2360.863797	1000.0	114564.0	1.180432	Y
8	STD500 460-1037325/10	5000.0	5742.065604	1000.0	120236.0	1.148413	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

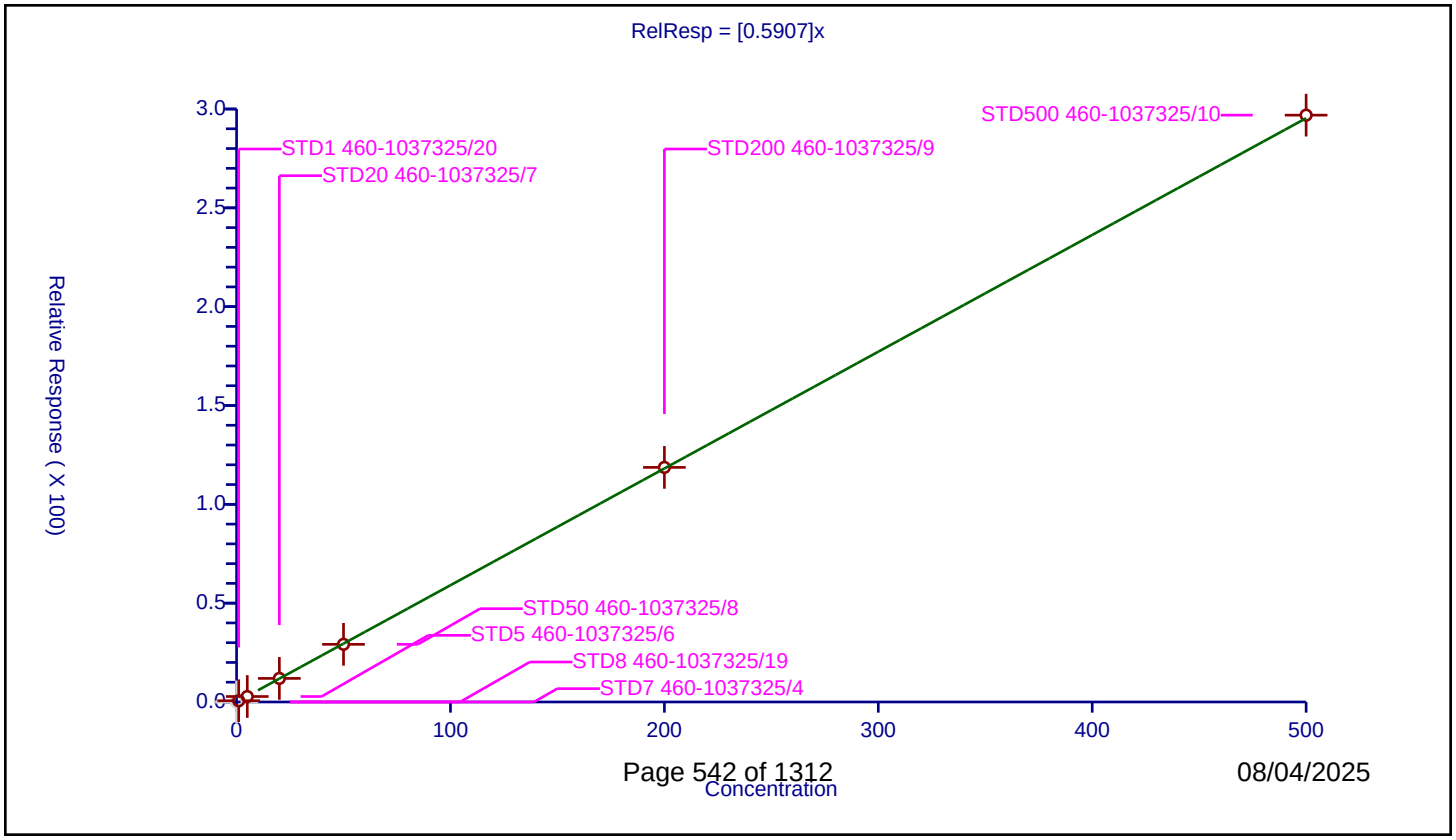
Curve Coefficients

Intercept:	0
Slope:	0.5907

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.623105	50.0	530729.0	0.623105	Y
4	STD5 460-1037325/6	5.0	2.7691	50.0	516323.0	0.55382	Y
5	STD20 460-1037325/7	20.0	11.933459	50.0	511503.0	0.596673	Y
6	STD50 460-1037325/8	50.0	29.16989	50.0	509282.0	0.583398	Y
7	STD200 460-1037325/9	200.0	118.690004	50.0	502322.0	0.59345	Y
8	STD500 460-1037325/10	500.0	296.897508	50.0	511476.0	0.593795	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

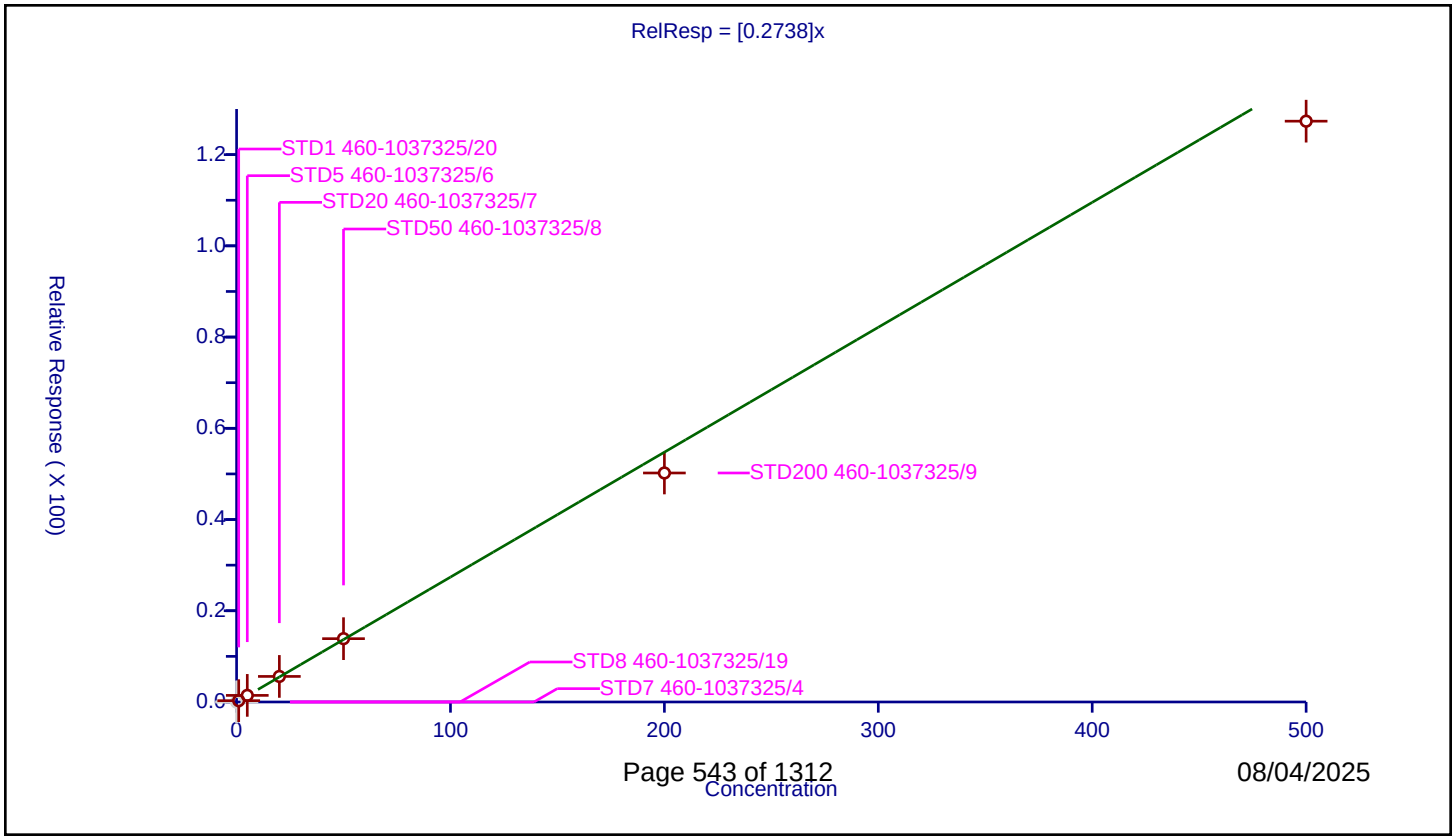
Curve Coefficients

Intercept:	0
Slope:	0.2738

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.289884	50.0	530729.0	0.289884	Y
4	STD5 460-1037325/6	5.0	1.447737	50.0	516323.0	0.289547	Y
5	STD20 460-1037325/7	20.0	5.60417	50.0	511503.0	0.280209	Y
6	STD50 460-1037325/8	50.0	13.882878	50.0	509282.0	0.277658	Y
7	STD200 460-1037325/9	200.0	50.20236	50.0	502322.0	0.251012	Y
8	STD500 460-1037325/10	500.0	127.331194	50.0	511476.0	0.254662	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

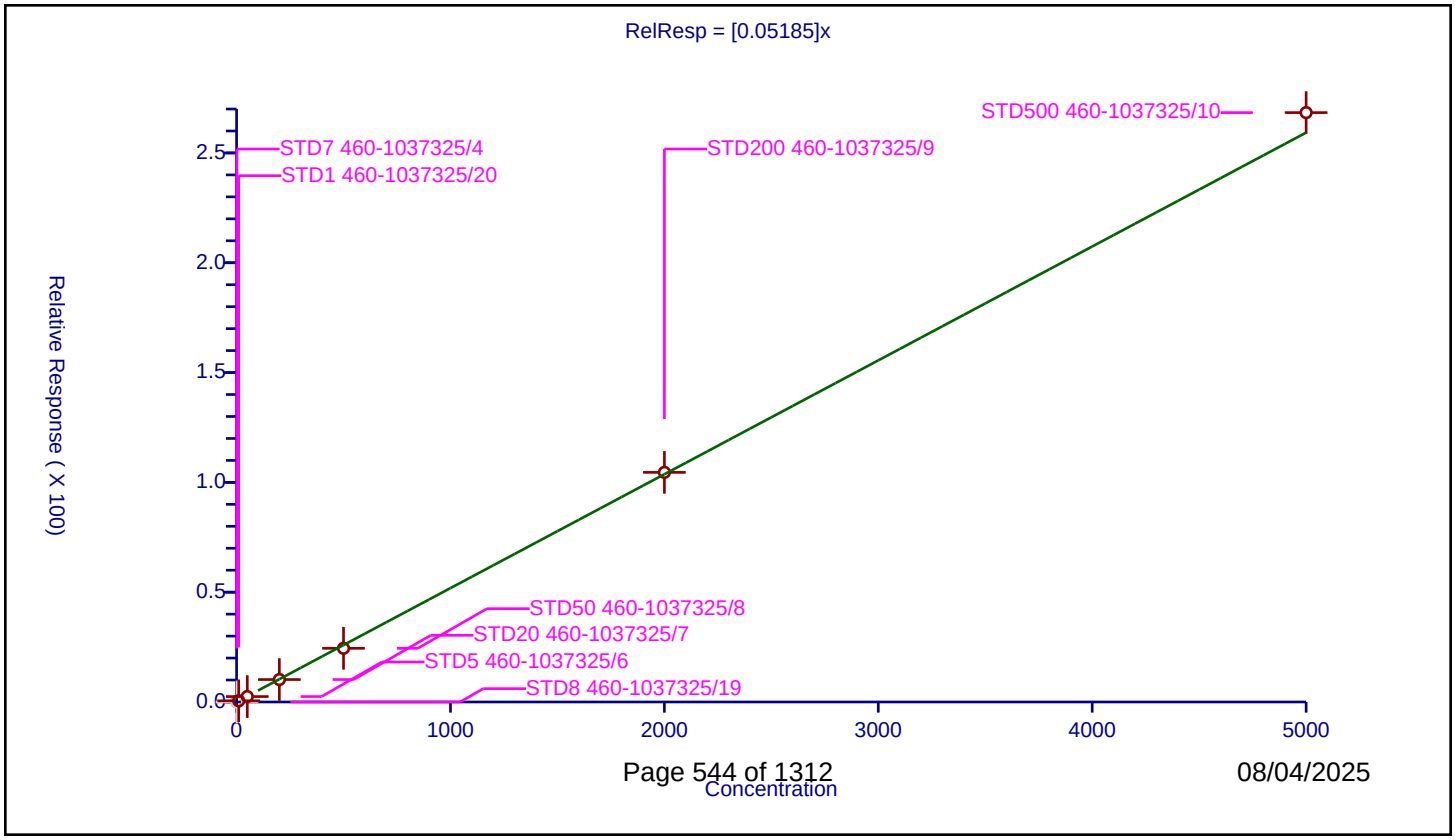
Curve Coefficients

Intercept:	0
Slope:	0.05185

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	2.0	0.10665	50.0	517583.0	0.053325	Y
2	STD8 460-1037325/19	2.0	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	10.0	0.543592	50.0	530729.0	0.054359	Y
4	STD5 460-1037325/6	50.0	2.465608	50.0	516323.0	0.049312	Y
5	STD20 460-1037325/7	200.0	10.223107	50.0	511503.0	0.051116	Y
6	STD50 460-1037325/8	500.0	24.444021	50.0	509282.0	0.048888	Y
7	STD200 460-1037325/9	2000.0	104.546287	50.0	502322.0	0.052273	Y
8	STD500 460-1037325/10	5000.0	268.355211	50.0	511476.0	0.053671	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

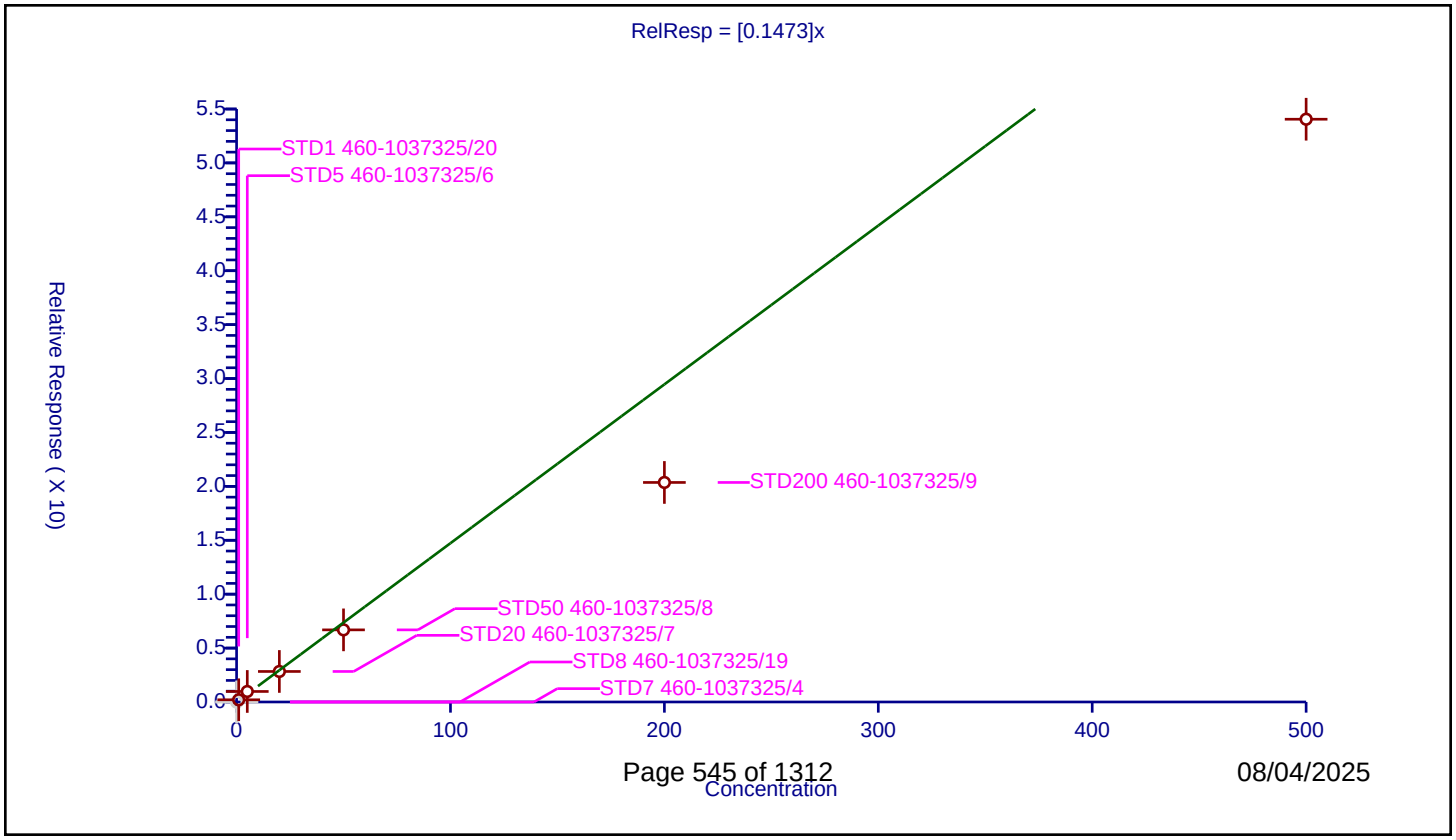
Curve Coefficients

Intercept:	0
Slope:	0.1473

Error Coefficients

Relative Standard Deviation:	29.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.203588	50.0	530729.0	0.203588	Y
4	STD5 460-1037325/6	5.0	0.975068	50.0	516323.0	0.195014	Y
5	STD20 460-1037325/7	20.0	2.829895	50.0	511503.0	0.141495	Y
6	STD50 460-1037325/8	50.0	6.688534	50.0	509282.0	0.133771	Y
7	STD200 460-1037325/9	200.0	20.363233	50.0	502322.0	0.101816	Y
8	STD500 460-1037325/10	500.0	54.05366	50.0	511476.0	0.108107	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

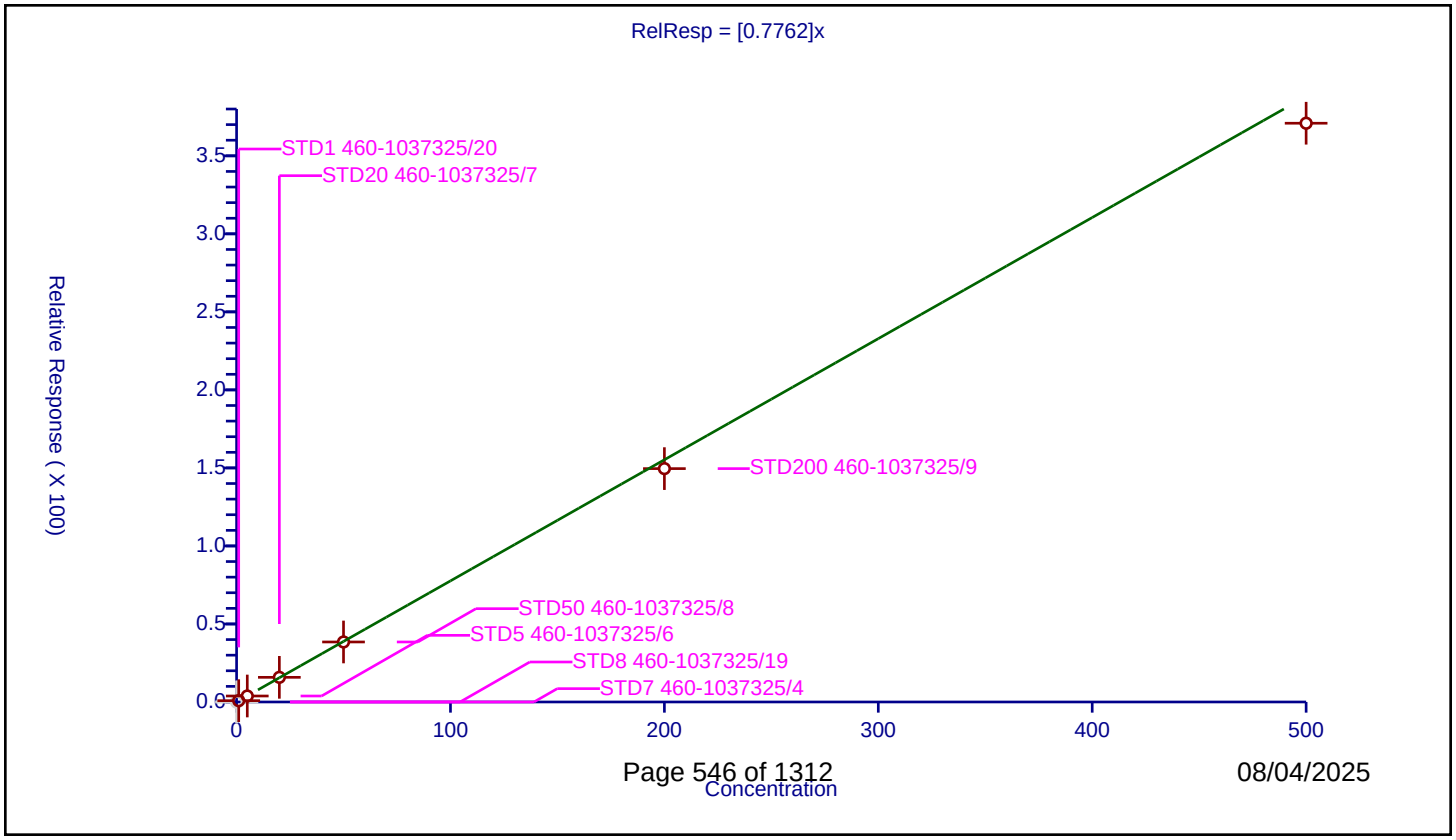
Curve Coefficients

Intercept:	0
Slope:	0.7762

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.842426	50.0	530729.0	0.842426	Y
4	STD5 460-1037325/6	5.0	3.830451	50.0	516323.0	0.76609	Y
5	STD20 460-1037325/7	20.0	15.799125	50.0	511503.0	0.789956	Y
6	STD50 460-1037325/8	50.0	38.454432	50.0	509282.0	0.769089	Y
7	STD200 460-1037325/9	200.0	149.548397	50.0	502322.0	0.747742	Y
8	STD500 460-1037325/10	500.0	370.882994	50.0	511476.0	0.741766	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

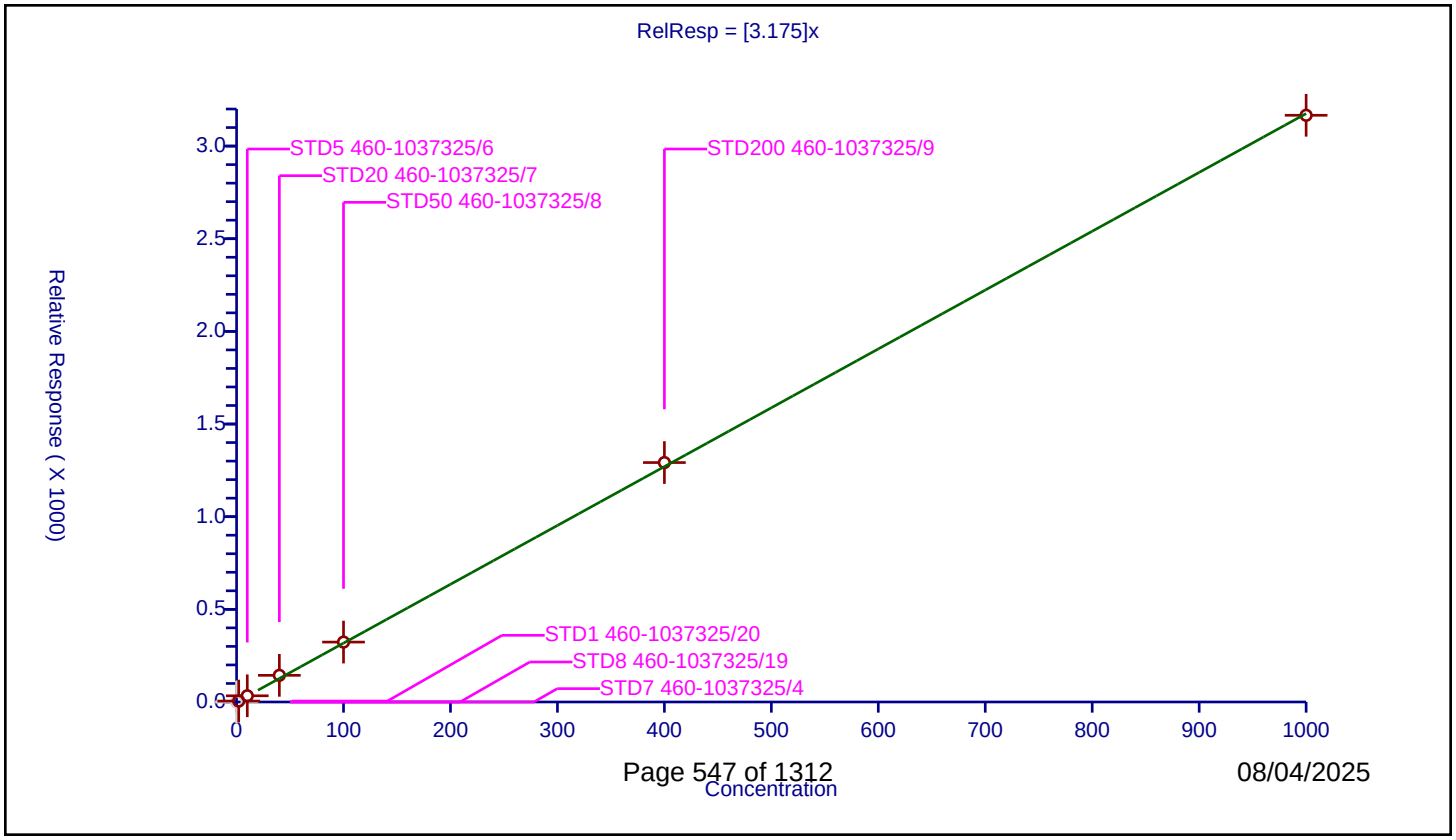
Curve Coefficients

Intercept:	0
Slope:	3.175

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	2.0	4.960173	1000.0	130439.0	2.480086	Y
4	STD5 460-1037325/6	10.0	33.463061	1000.0	117682.0	3.346306	Y
5	STD20 460-1037325/7	40.0	143.890669	1000.0	119563.0	3.597267	Y
6	STD50 460-1037325/8	100.0	323.257264	1000.0	118664.0	3.232573	Y
7	STD200 460-1037325/9	400.0	1292.072553	1000.0	114564.0	3.230181	Y
8	STD500 460-1037325/10	1000.0	3166.231412	1000.0	120236.0	3.166231	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

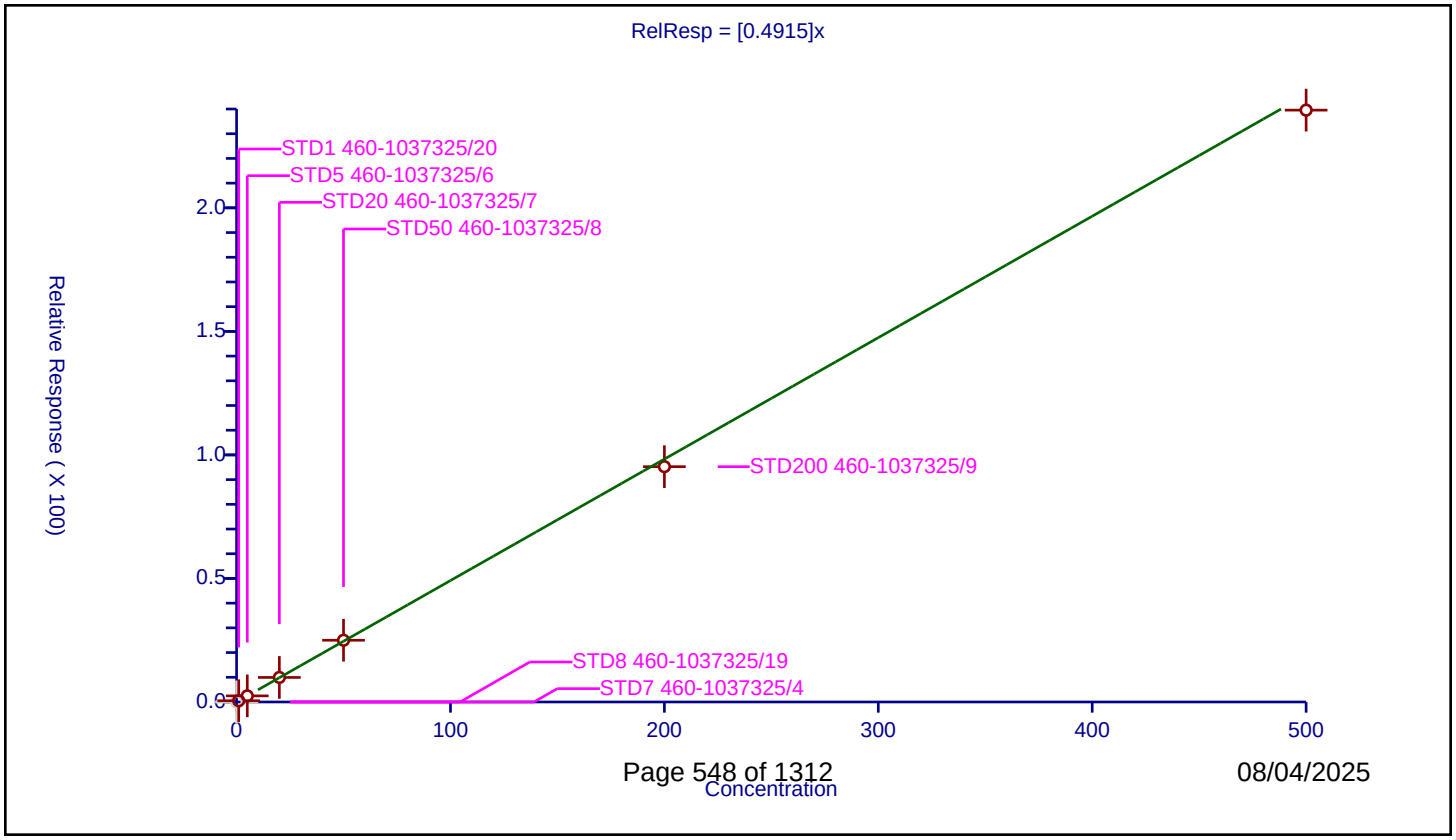
Curve Coefficients

Intercept:	0
Slope:	0.4915

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.50214	50.0	530729.0	0.50214	Y
4	STD5 460-1037325/6	5.0	2.476163	50.0	516323.0	0.495233	Y
5	STD20 460-1037325/7	20.0	9.934253	50.0	511503.0	0.496713	Y
6	STD50 460-1037325/8	50.0	24.989888	50.0	509282.0	0.499798	Y
7	STD200 460-1037325/9	200.0	95.239707	50.0	502322.0	0.476199	Y
8	STD500 460-1037325/10	500.0	239.542911	50.0	511476.0	0.479086	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

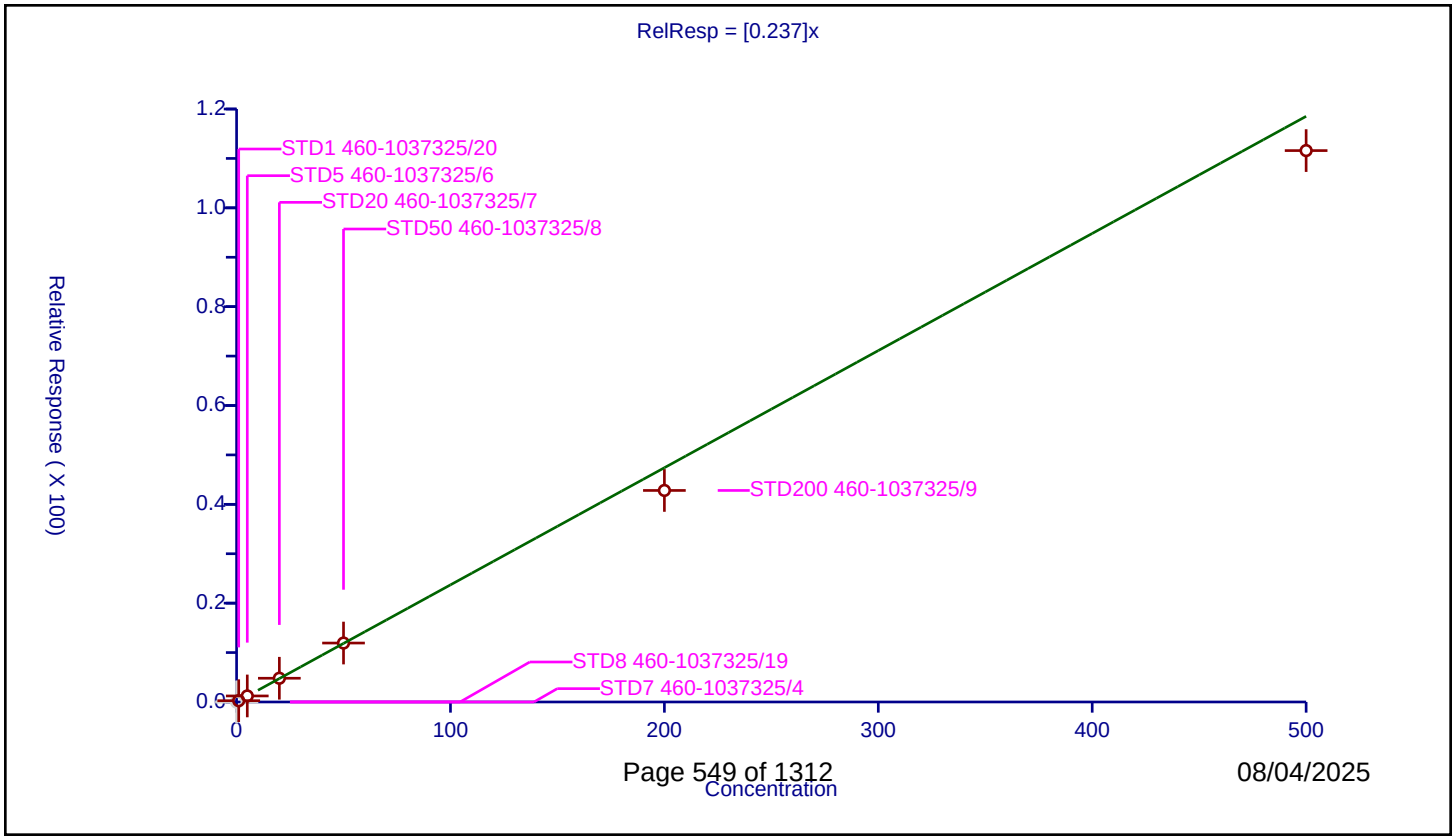
Curve Coefficients

Intercept:	0
Slope:	0.237

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.261527	50.0	530729.0	0.261527	Y
4	STD5 460-1037325/6	5.0	1.222975	50.0	516323.0	0.244595	Y
5	STD20 460-1037325/7	20.0	4.80613	50.0	511503.0	0.240307	Y
6	STD50 460-1037325/8	50.0	11.930522	50.0	509282.0	0.23861	Y
7	STD200 460-1037325/9	200.0	42.8079	50.0	502322.0	0.21404	Y
8	STD500 460-1037325/10	500.0	111.587347	50.0	511476.0	0.223175	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

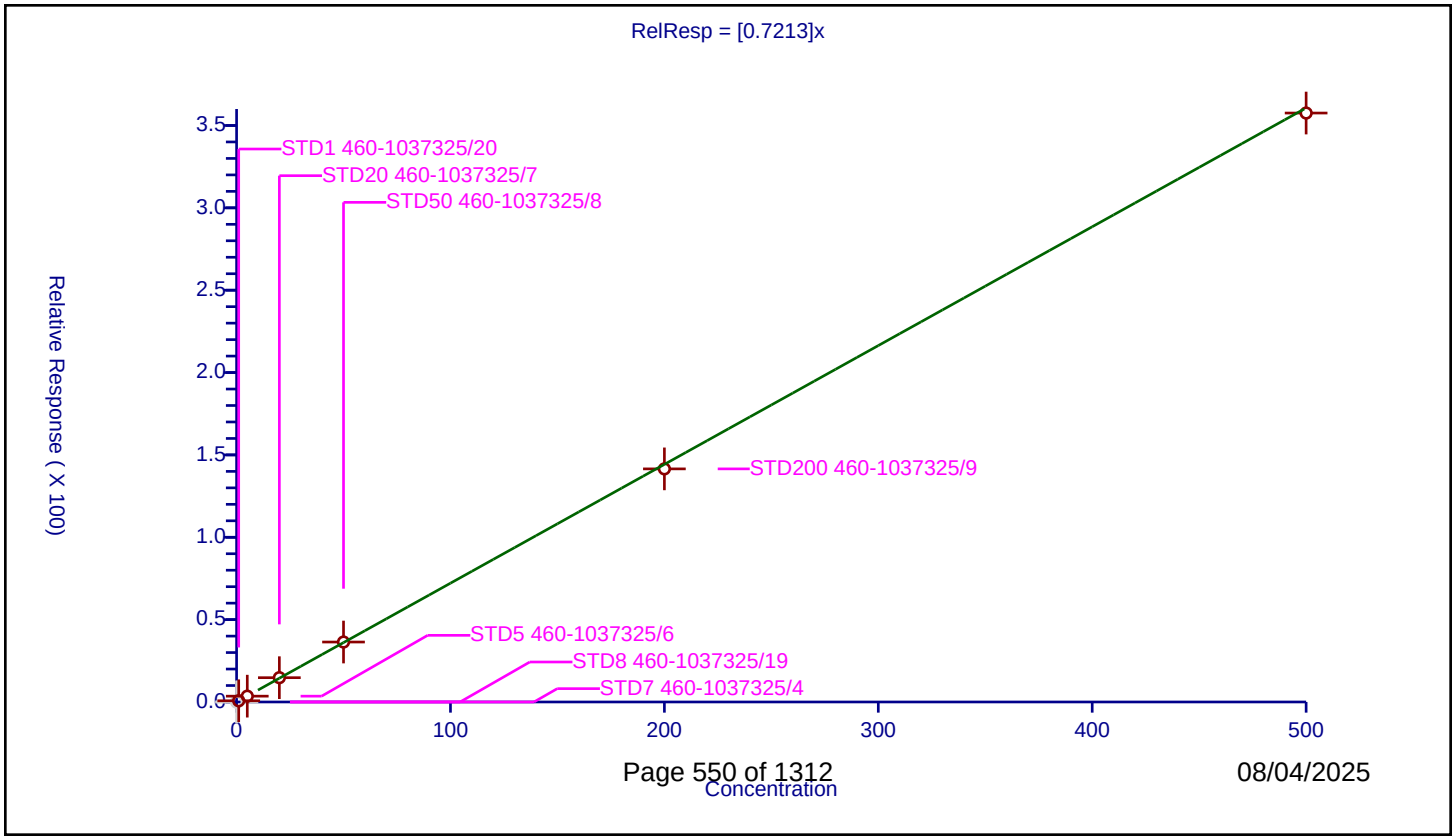
Curve Coefficients

Intercept:	0
Slope:	0.7213

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.731824	50.0	530729.0	0.731824	Y
4	STD5 460-1037325/6	5.0	3.537127	50.0	516323.0	0.707425	Y
5	STD20 460-1037325/7	20.0	14.755534	50.0	511503.0	0.737777	Y
6	STD50 460-1037325/8	50.0	36.400953	50.0	509282.0	0.728019	Y
7	STD200 460-1037325/9	200.0	141.521673	50.0	502322.0	0.707608	Y
8	STD500 460-1037325/10	500.0	357.551869	50.0	511476.0	0.715104	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

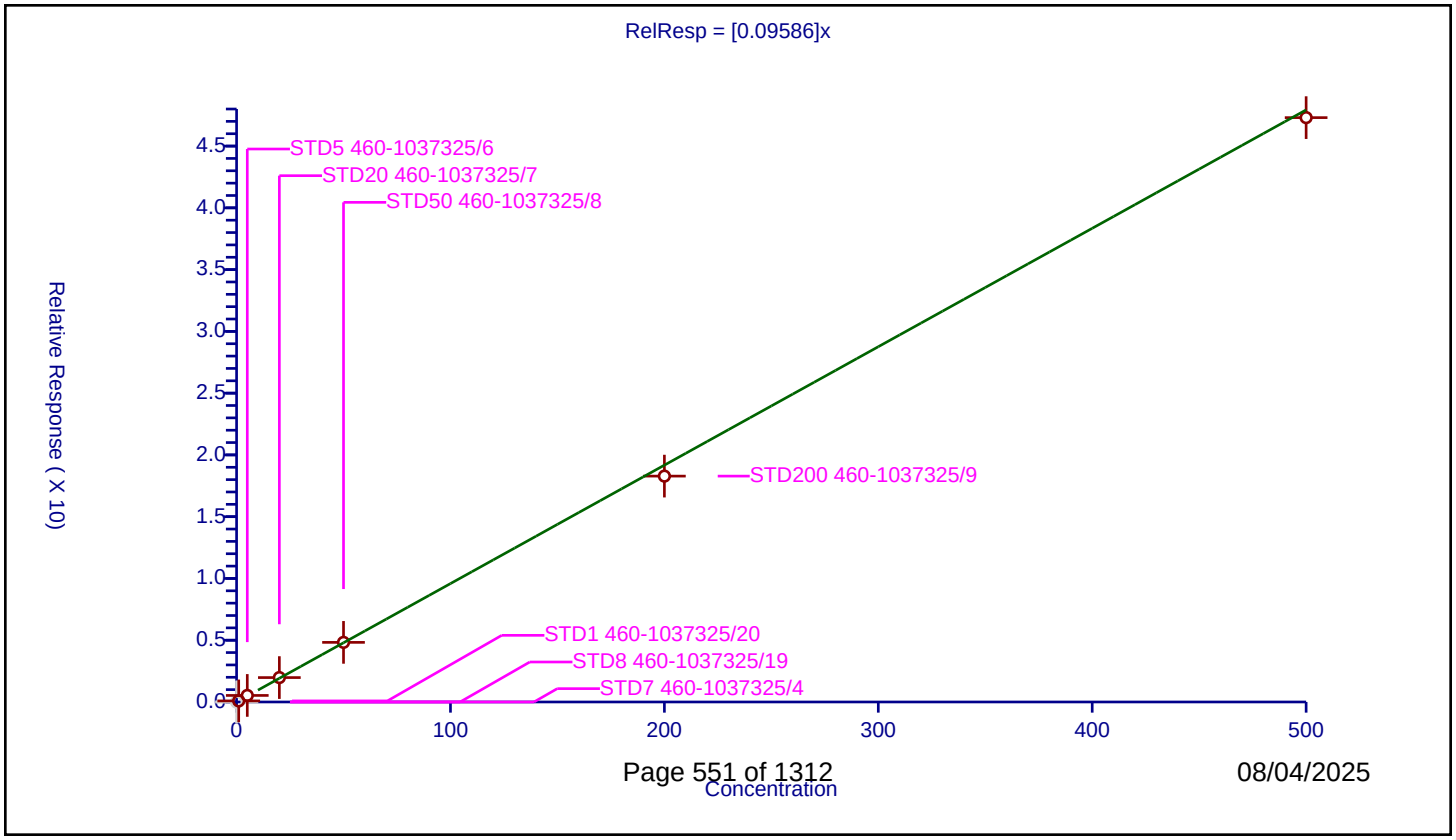
Curve Coefficients

Intercept:	0
Slope:	0.09586

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.087804	50.0	530729.0	0.087804	Y
4	STD5 460-1037325/6	5.0	0.529804	50.0	516323.0	0.105961	Y
5	STD20 460-1037325/7	20.0	1.976919	50.0	511503.0	0.098846	Y
6	STD50 460-1037325/8	50.0	4.825519	50.0	509282.0	0.09651	Y
7	STD200 460-1037325/9	200.0	18.283591	50.0	502322.0	0.091418	Y
8	STD500 460-1037325/10	500.0	47.30349	50.0	511476.0	0.094607	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

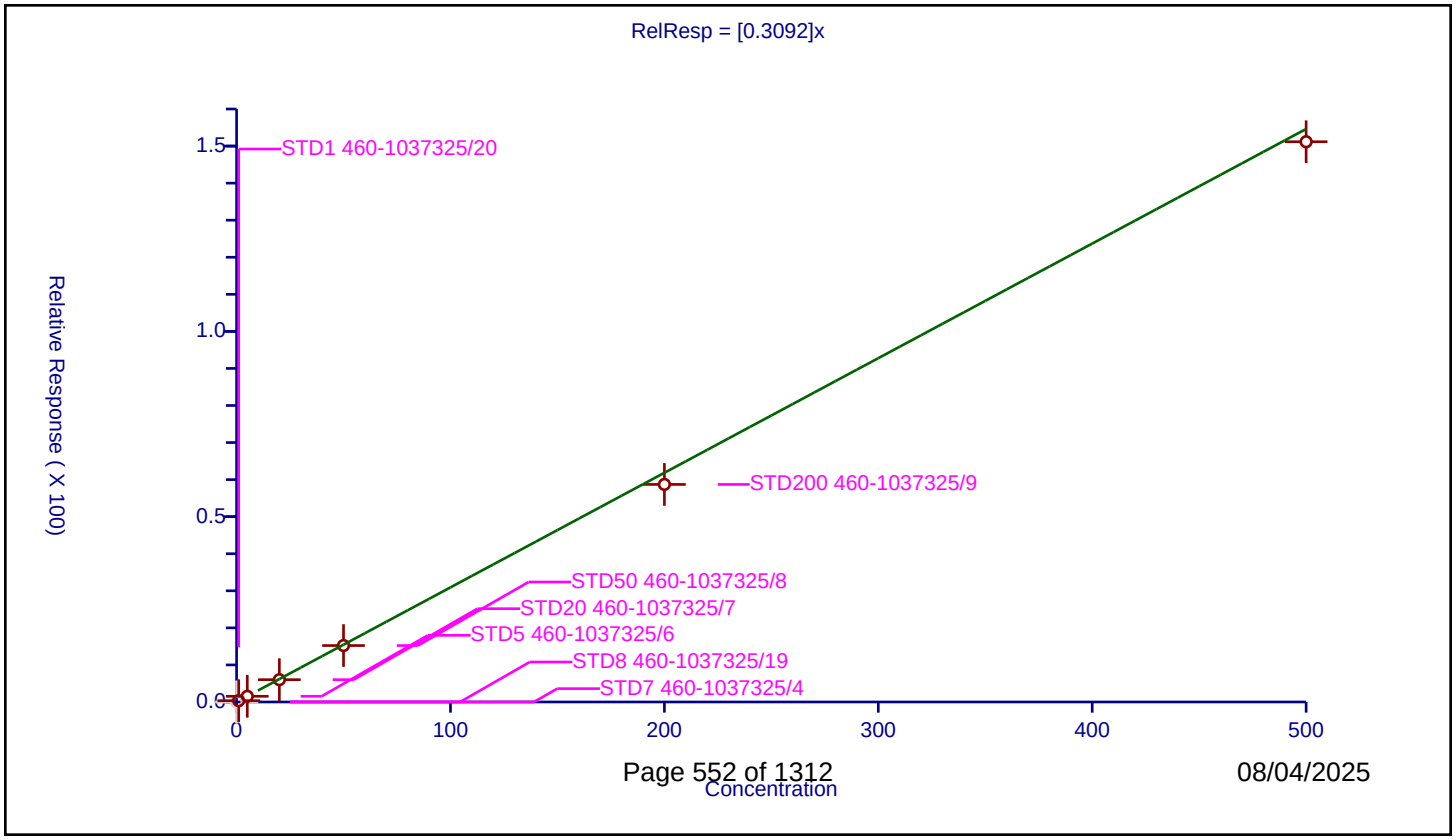
Curve Coefficients

Intercept:	0
Slope:	0.3092

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.346599	50.0	530729.0	0.346599	Y
4	STD5 460-1037325/6	5.0	1.536829	50.0	516323.0	0.307366	Y
5	STD20 460-1037325/7	20.0	6.018244	50.0	511503.0	0.300912	Y
6	STD50 460-1037325/8	50.0	15.231934	50.0	509282.0	0.304639	Y
7	STD200 460-1037325/9	200.0	58.700395	50.0	502322.0	0.293502	Y
8	STD500 460-1037325/10	500.0	151.173858	50.0	511476.0	0.302348	Y



Calibration / Ethyl acetate

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

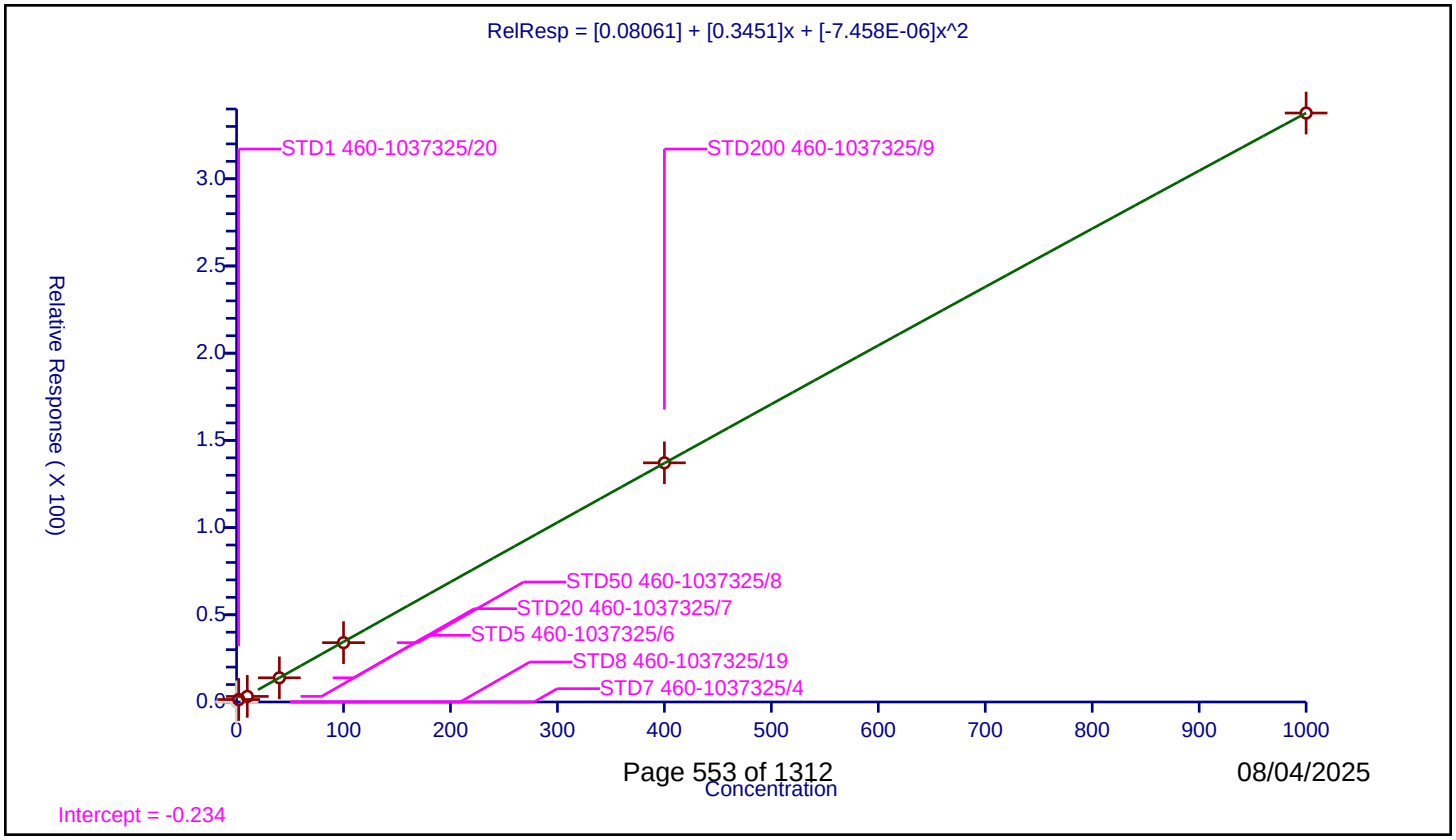
Curve Coefficients

Intercept:	0.08061
Slope:	0.3451
Second Order:	-7.458E-06

Error Coefficients

Relative Standard Deviation:	55.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	250.0	135237.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	250.0	146299.0	0.0	N
3	STD1 460-1037325/20	2.0	1.431573	250.0	140405.0	0.715786	Y
4	STD5 460-1037325/6	10.0	3.209894	250.0	136531.0	0.320989	Y
5	STD20 460-1037325/7	40.0	13.857589	250.0	138444.0	0.34644	Y
6	STD50 460-1037325/8	100.0	34.02236	250.0	135602.0	0.340224	Y
7	STD200 460-1037325/9	400.0	137.122974	250.0	131125.0	0.342807	Y
8	STD500 460-1037325/10	1000.0	337.696895	250.0	140176.0	0.337697	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

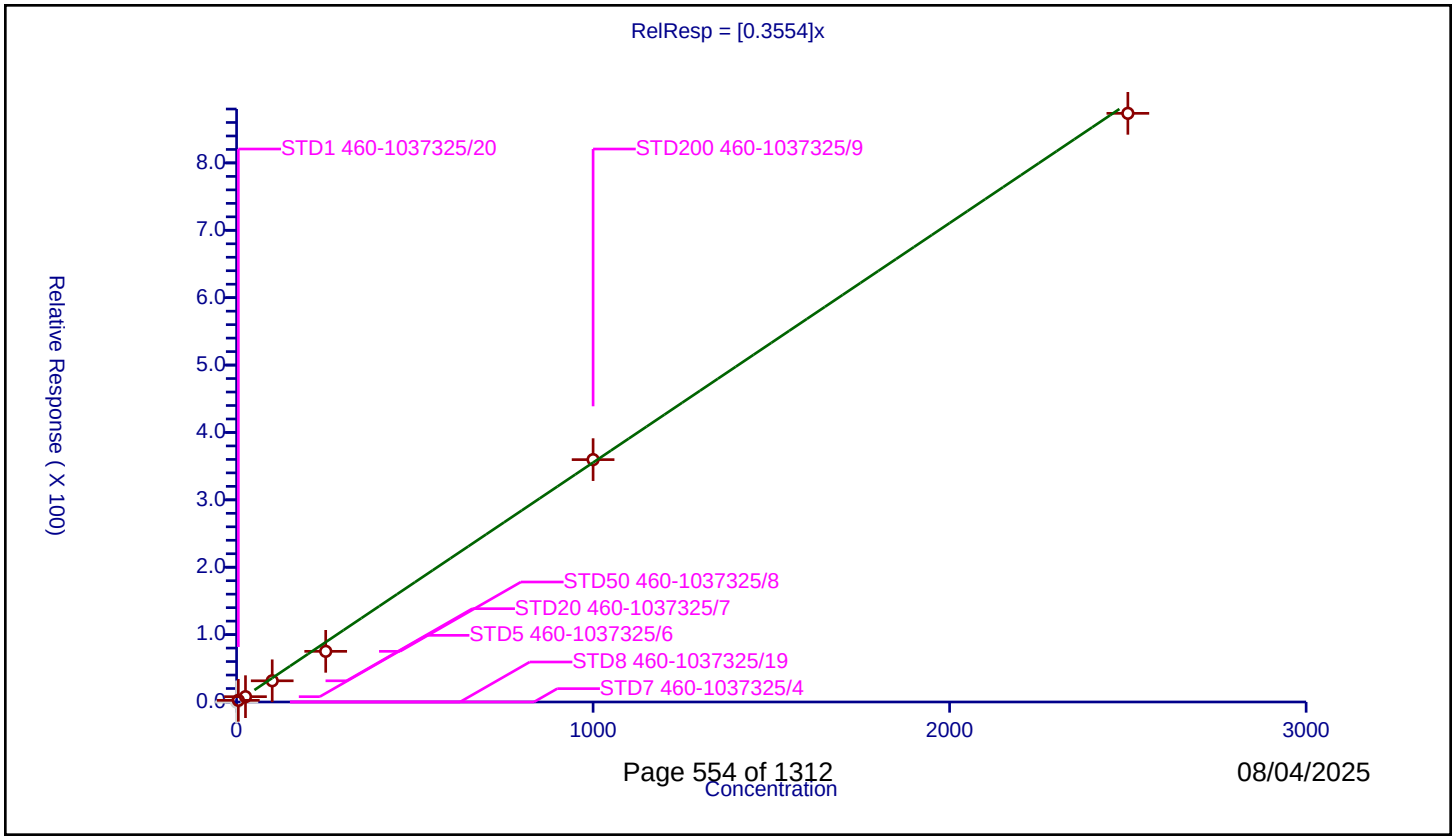
Curve Coefficients

Intercept:	0
Slope:	0.3554

Error Coefficients

Relative Standard Deviation:	19.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	250.0	135237.0	NaN	N
2	STD8 460-1037325/19	1.0	0.0	250.0	146299.0	0.0	N
3	STD1 460-1037325/20	5.0	2.457177	250.0	140405.0	0.491435	Y
4	STD5 460-1037325/6	25.0	7.90846	250.0	136531.0	0.316338	Y
5	STD20 460-1037325/7	100.0	31.458568	250.0	138444.0	0.314586	Y
6	STD50 460-1037325/8	250.0	75.188788	250.0	135602.0	0.300755	Y
7	STD200 460-1037325/9	1000.0	359.685415	250.0	131125.0	0.359685	Y
8	STD500 460-1037325/10	2500.0	873.571439	250.0	140176.0	0.349429	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

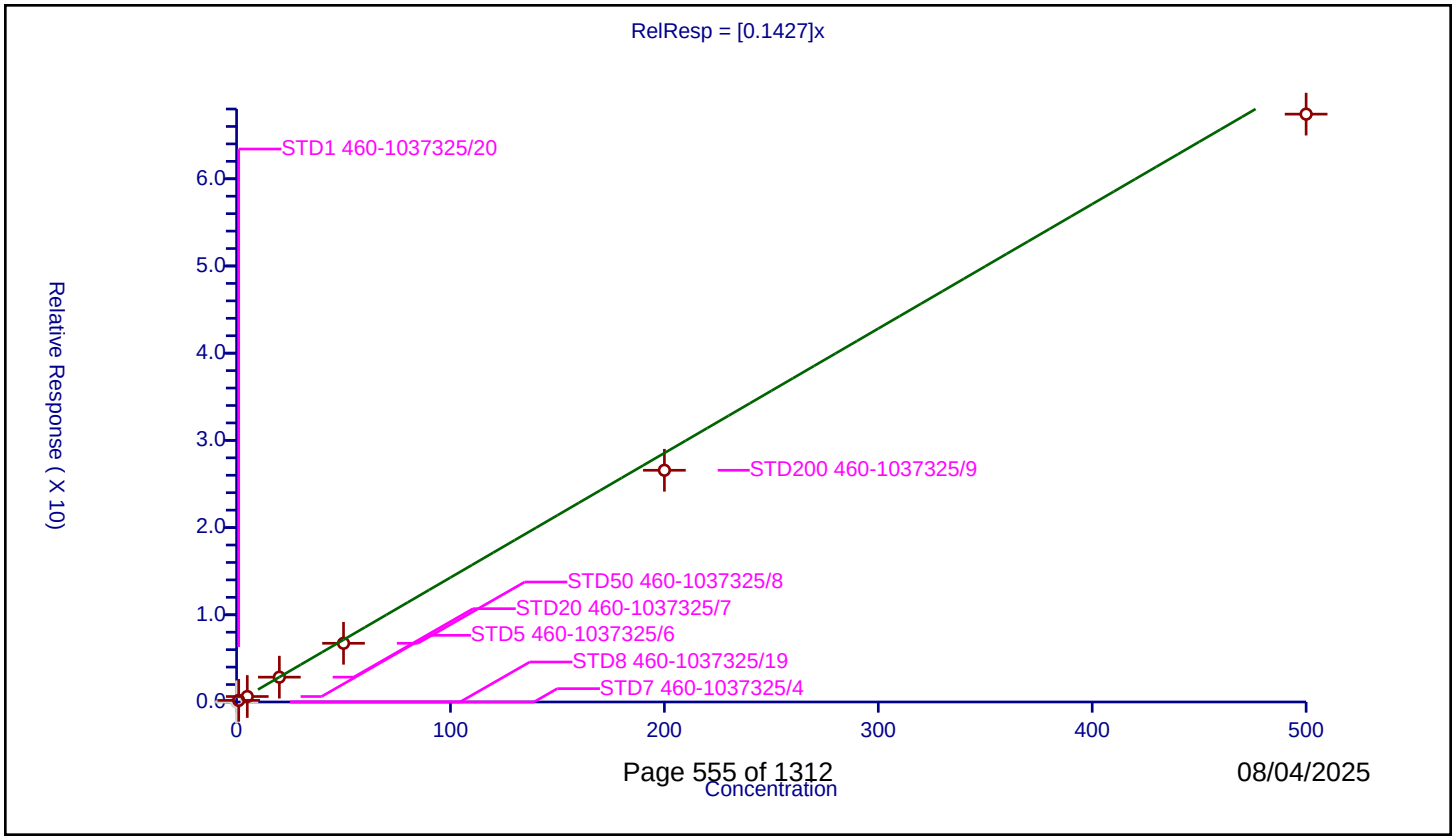
Curve Coefficients

Intercept:	0
Slope:	0.1427

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.185971	50.0	530729.0	0.185971	Y
4	STD5 460-1037325/6	5.0	0.629064	50.0	516323.0	0.125813	Y
5	STD20 460-1037325/7	20.0	2.847002	50.0	511503.0	0.14235	Y
6	STD50 460-1037325/8	50.0	6.731634	50.0	509282.0	0.134633	Y
7	STD200 460-1037325/9	200.0	26.572895	50.0	502322.0	0.132864	Y
8	STD500 460-1037325/10	500.0	67.413818	50.0	511476.0	0.134828	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

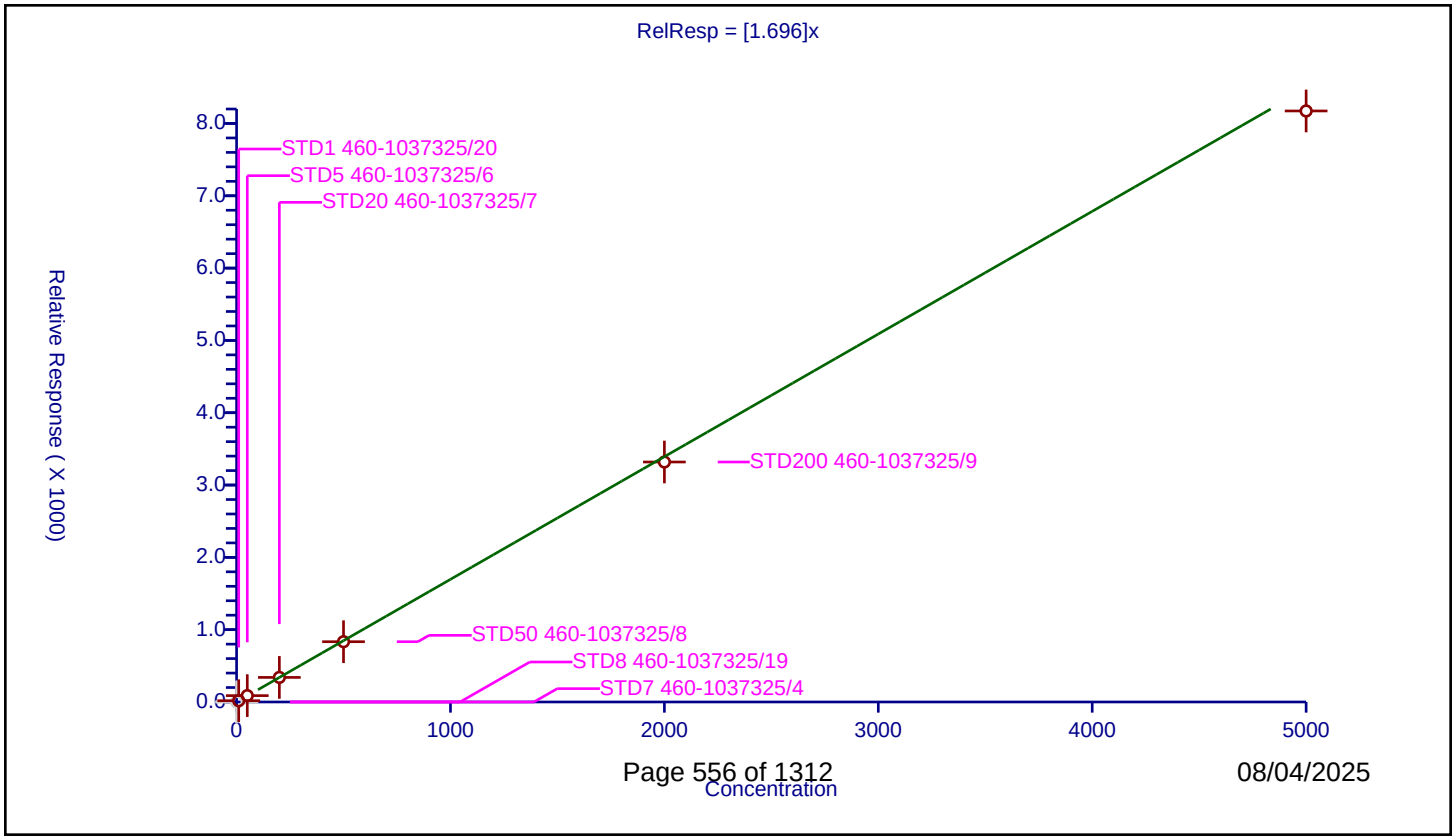
Curve Coefficients

Intercept:	0
Slope:	1.696

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	2.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	10.0	17.609764	1000.0	130439.0	1.760976	Y
4	STD5 460-1037325/6	50.0	87.81292	1000.0	117682.0	1.756258	Y
5	STD20 460-1037325/7	200.0	339.678663	1000.0	119563.0	1.698393	Y
6	STD50 460-1037325/8	500.0	833.605811	1000.0	118664.0	1.667212	Y
7	STD200 460-1037325/9	2000.0	3318.791243	1000.0	114564.0	1.659396	Y
8	STD500 460-1037325/10	5000.0	8172.934895	1000.0	120236.0	1.634587	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

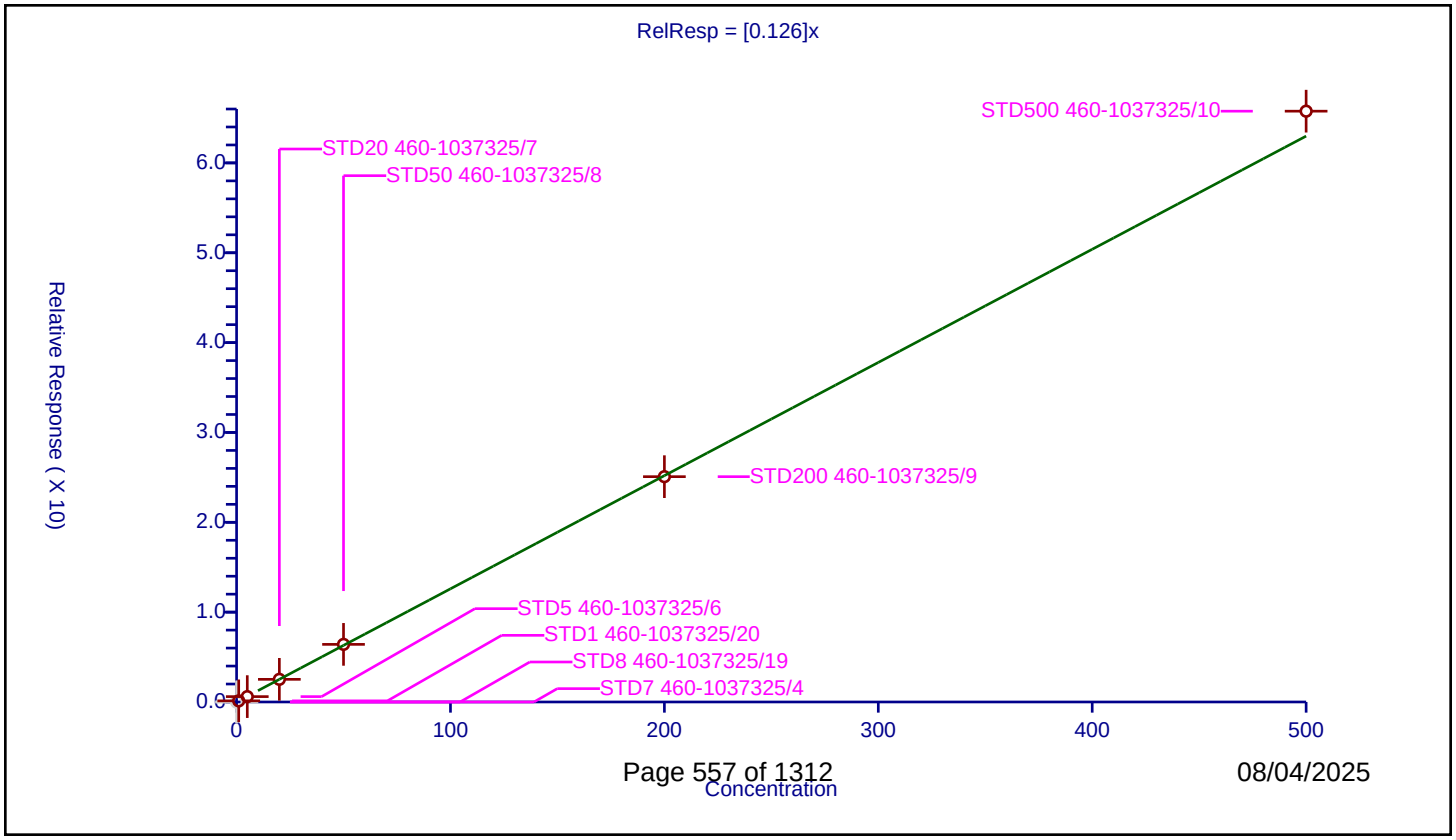
Curve Coefficients

Intercept:	0
Slope:	0.126

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.125205	50.0	530729.0	0.125205	Y
4	STD5 460-1037325/6	5.0	0.596719	50.0	516323.0	0.119344	Y
5	STD20 460-1037325/7	20.0	2.52237	50.0	511503.0	0.126119	Y
6	STD50 460-1037325/8	50.0	6.41187	50.0	509282.0	0.128237	Y
7	STD200 460-1037325/9	200.0	25.079431	50.0	502322.0	0.125397	Y
8	STD500 460-1037325/10	500.0	65.75939	50.0	511476.0	0.131519	Y



Calibration / Tetrahydrofuran

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

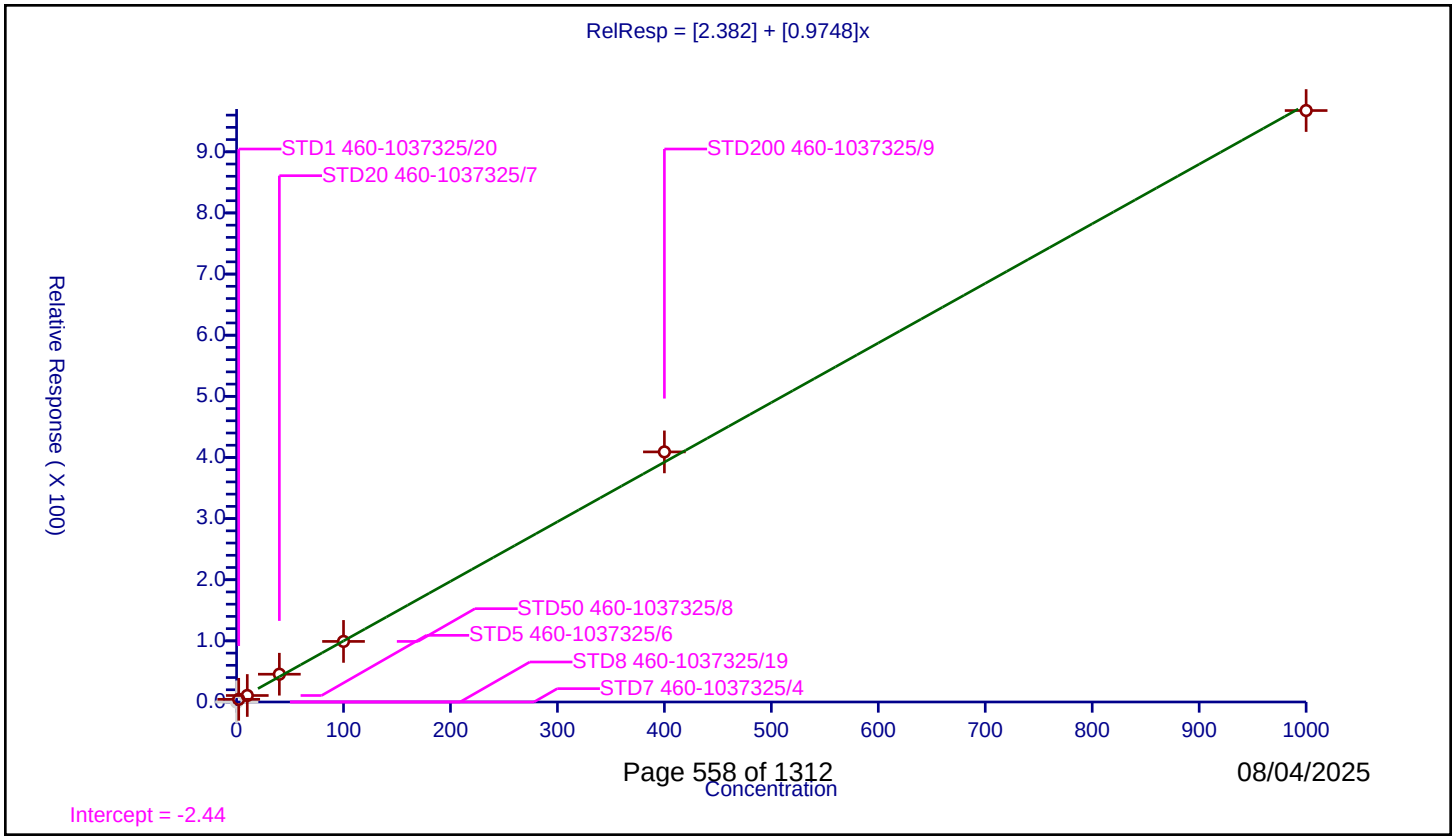
Curve Coefficients

Intercept:	2.382
Slope:	0.9748

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	250.0	135237.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	250.0	146299.0	0.0	N
3	STD1 460-1037325/20	2.0	4.381966	250.0	140405.0	2.190983	Y
4	STD5 460-1037325/6	10.0	10.616637	250.0	136531.0	1.061664	Y
5	STD20 460-1037325/7	40.0	45.437144	250.0	138444.0	1.135929	Y
6	STD50 460-1037325/8	100.0	99.087772	250.0	135602.0	0.990878	Y
7	STD200 460-1037325/9	400.0	409.128694	250.0	131125.0	1.022822	Y
8	STD500 460-1037325/10	1000.0	967.524755	250.0	140176.0	0.967525	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

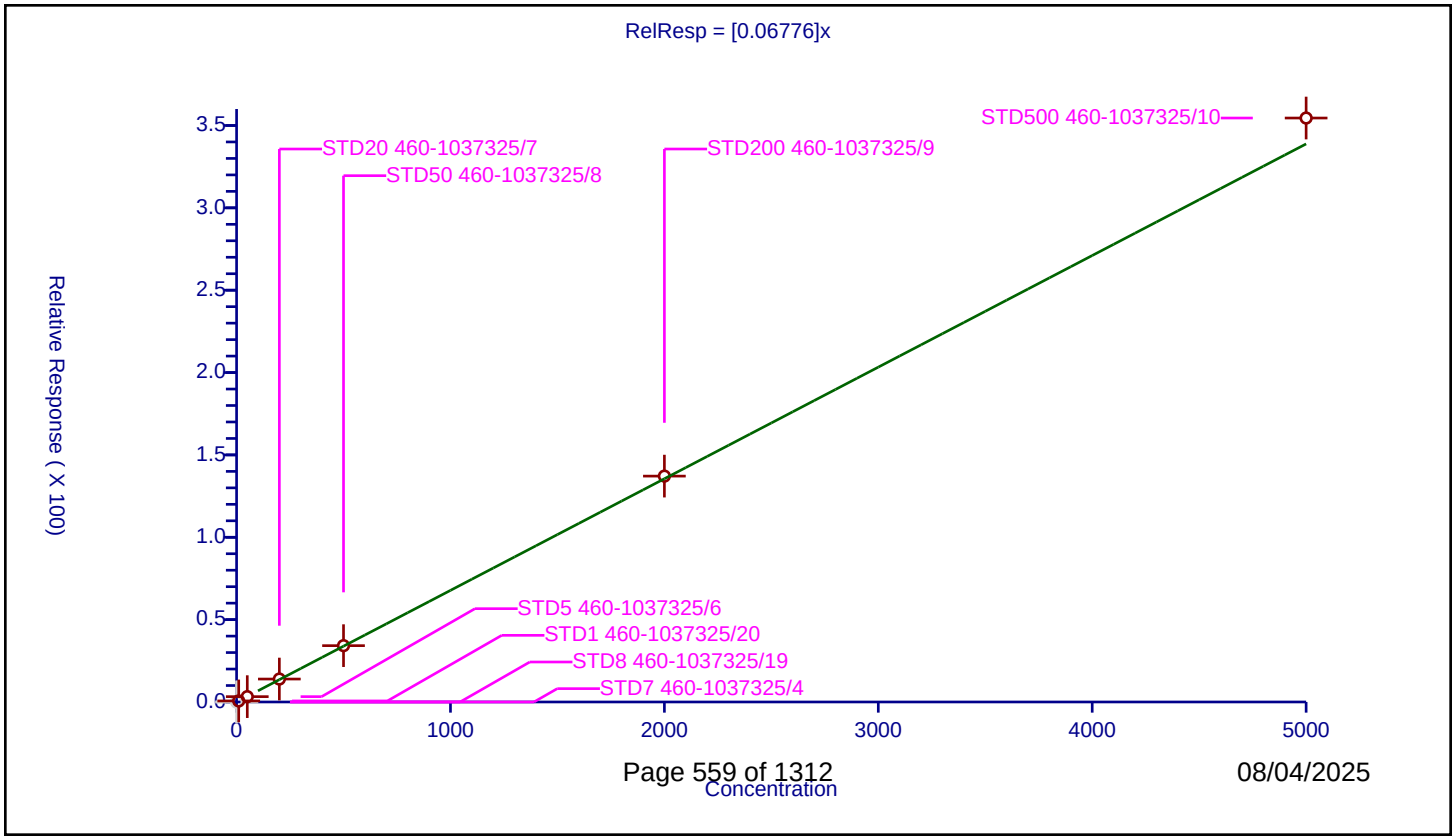
Curve Coefficients

Intercept:	0
Slope:	0.06776

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	2.0	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	10.0	0.642418	50.0	530729.0	0.064242	Y
4	STD5 460-1037325/6	50.0	3.239832	50.0	516323.0	0.064797	Y
5	STD20 460-1037325/7	200.0	13.932372	50.0	511503.0	0.069662	Y
6	STD50 460-1037325/8	500.0	34.199815	50.0	509282.0	0.0684	Y
7	STD200 460-1037325/9	2000.0	137.14032	50.0	502322.0	0.06857	Y
8	STD500 460-1037325/10	5000.0	354.52465	50.0	511476.0	0.070905	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

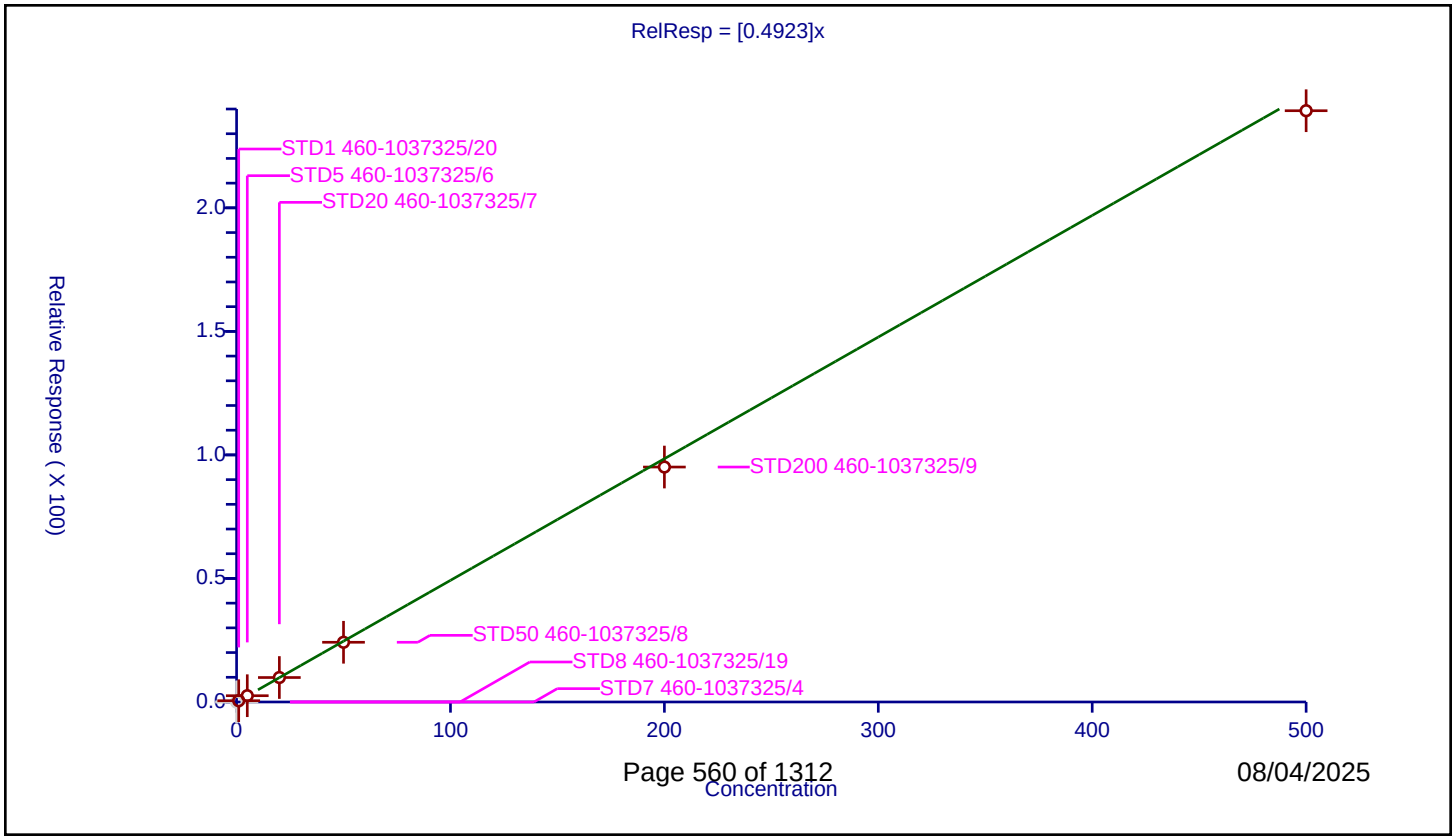
Curve Coefficients

Intercept:	0
Slope:	0.4923

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.512691	50.0	530729.0	0.512691	Y
4	STD5 460-1037325/6	5.0	2.544241	50.0	516323.0	0.508848	Y
5	STD20 460-1037325/7	20.0	9.898085	50.0	511503.0	0.494904	Y
6	STD50 460-1037325/8	50.0	24.16667	50.0	509282.0	0.483333	Y
7	STD200 460-1037325/9	200.0	95.093486	50.0	502322.0	0.475467	Y
8	STD500 460-1037325/10	500.0	239.312304	50.0	511476.0	0.478625	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

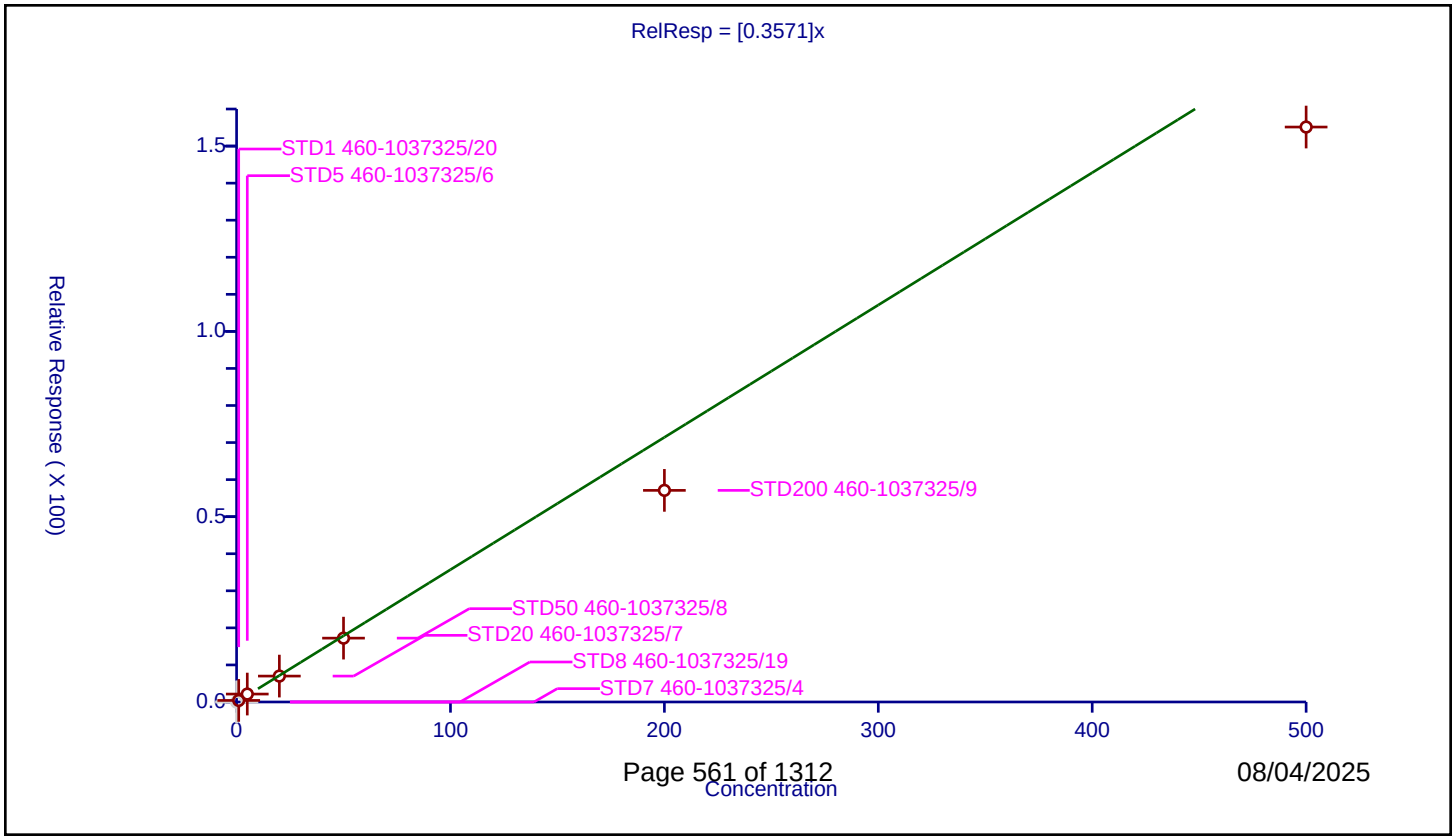
Curve Coefficients

Intercept:	0
Slope:	0.3571

Error Coefficients

Relative Standard Deviation:	16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.423757	50.0	530729.0	0.423757	Y
4	STD5 460-1037325/6	5.0	2.143135	50.0	516323.0	0.428627	Y
5	STD20 460-1037325/7	20.0	6.992139	50.0	511503.0	0.349607	Y
6	STD50 460-1037325/8	50.0	17.227096	50.0	509282.0	0.344542	Y
7	STD200 460-1037325/9	200.0	57.101122	50.0	502322.0	0.285506	Y
8	STD500 460-1037325/10	500.0	155.137387	50.0	511476.0	0.310275	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

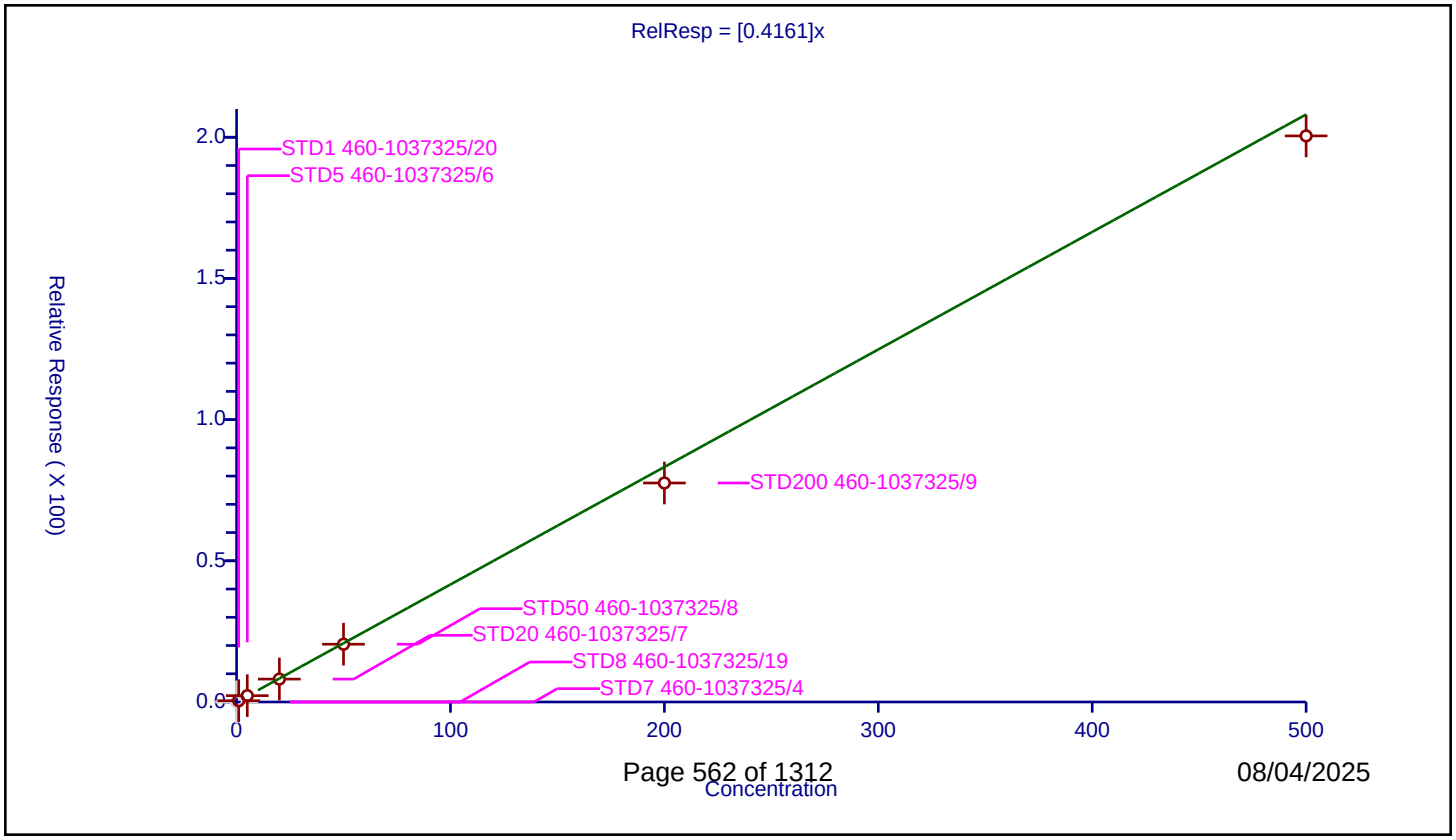
Curve Coefficients

Intercept:	0
Slope:	0.4161

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.444954	50.0	530729.0	0.444954	Y
4	STD5 460-1037325/6	5.0	2.240845	50.0	516323.0	0.448169	Y
5	STD20 460-1037325/7	20.0	8.111878	50.0	511503.0	0.405594	Y
6	STD50 460-1037325/8	50.0	20.46489	50.0	509282.0	0.409298	Y
7	STD200 460-1037325/9	200.0	77.556229	50.0	502322.0	0.387781	Y
8	STD500 460-1037325/10	500.0	200.484089	50.0	511476.0	0.400968	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

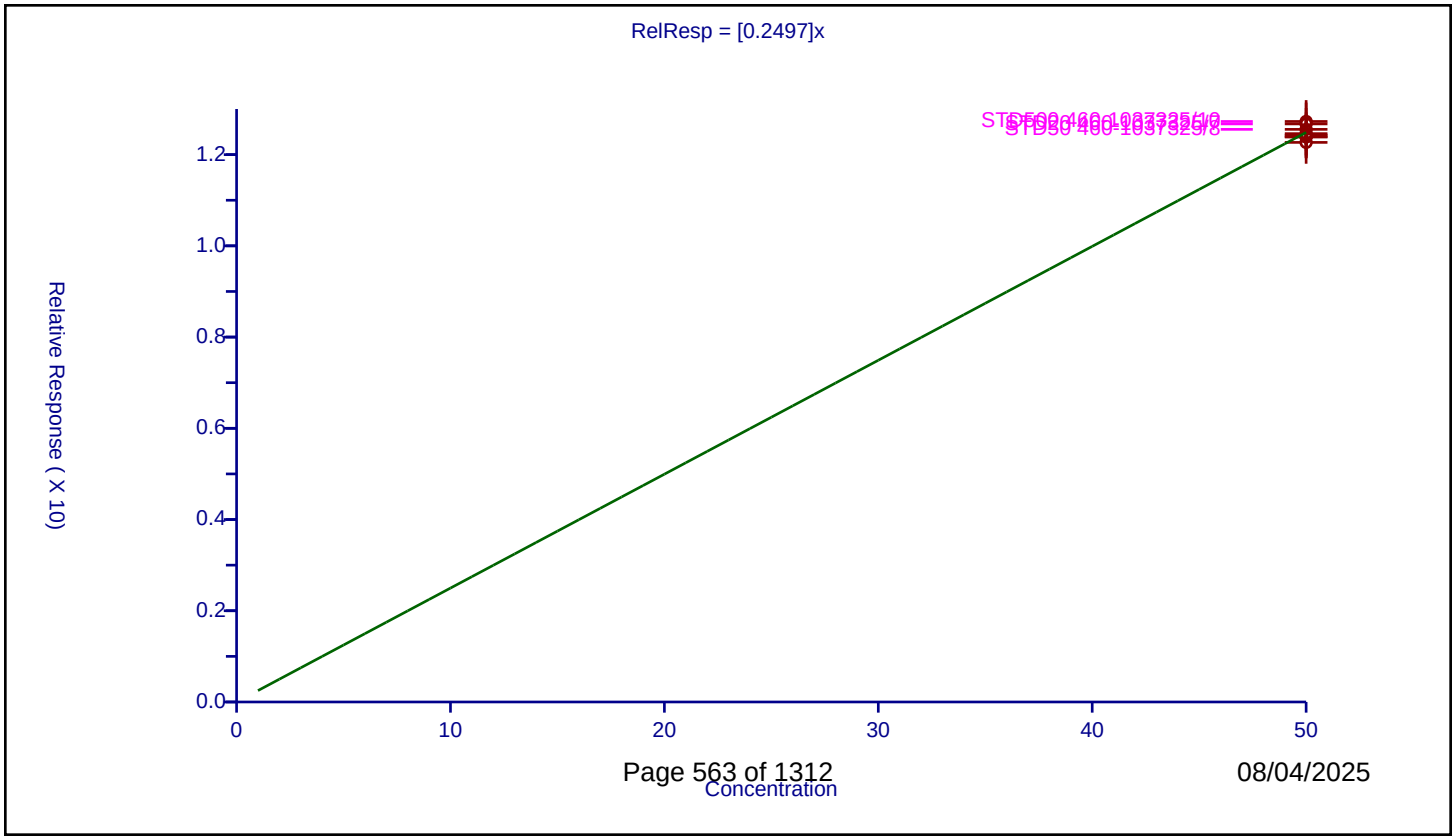
Curve Coefficients

Intercept:	0
Slope:	0.2497

Error Coefficients

Relative Standard Deviation:	1.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	50.0	12.388931	50.0	517583.0	0.247779	Y
2	STD5 460-1037325/6	50.0	12.388853	50.0	516323.0	0.247777	Y
3	STD20 460-1037325/7	50.0	12.673142	50.0	511503.0	0.253463	Y
4	STD50 460-1037325/8	50.0	12.554047	50.0	509282.0	0.251081	Y
5	STD200 460-1037325/9	50.0	12.268127	50.0	502322.0	0.245363	Y
6	STD500 460-1037325/10	50.0	12.727186	50.0	511476.0	0.254544	Y
7	STD8 460-1037325/19	50.0	12.460391	50.0	533651.0	0.249208	Y
8	STD1 460-1037325/20	50.0	12.427058	50.0	530729.0	0.248541	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

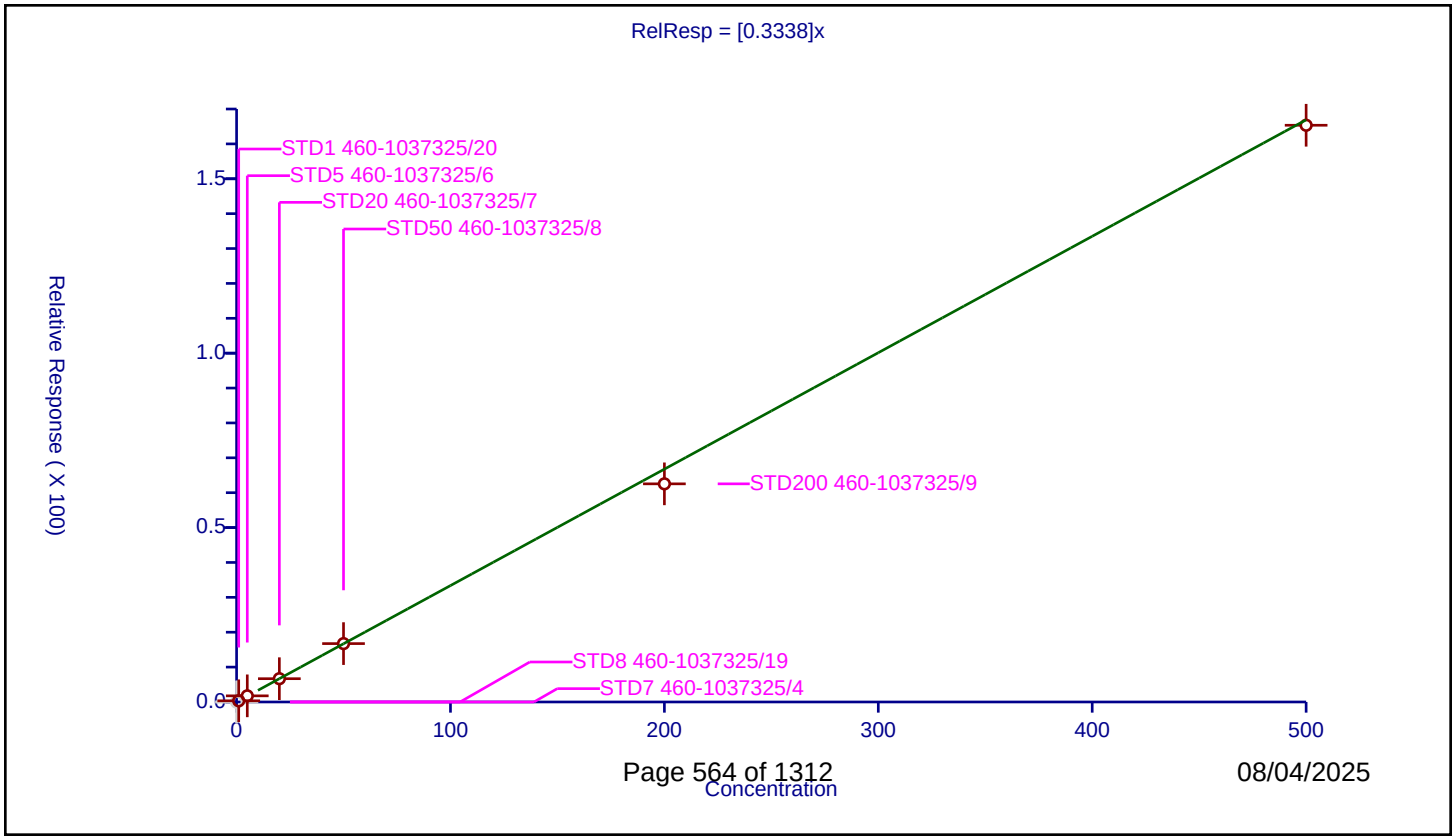
Curve Coefficients

Intercept:	0
Slope:	0.3338

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.338497	50.0	530729.0	0.338497	Y
4	STD5 460-1037325/6	5.0	1.761301	50.0	516323.0	0.35226	Y
5	STD20 460-1037325/7	20.0	6.676598	50.0	511503.0	0.33383	Y
6	STD50 460-1037325/8	50.0	16.737093	50.0	509282.0	0.334742	Y
7	STD200 460-1037325/9	200.0	62.537376	50.0	502322.0	0.312687	Y
8	STD500 460-1037325/10	500.0	165.344317	50.0	511476.0	0.330689	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

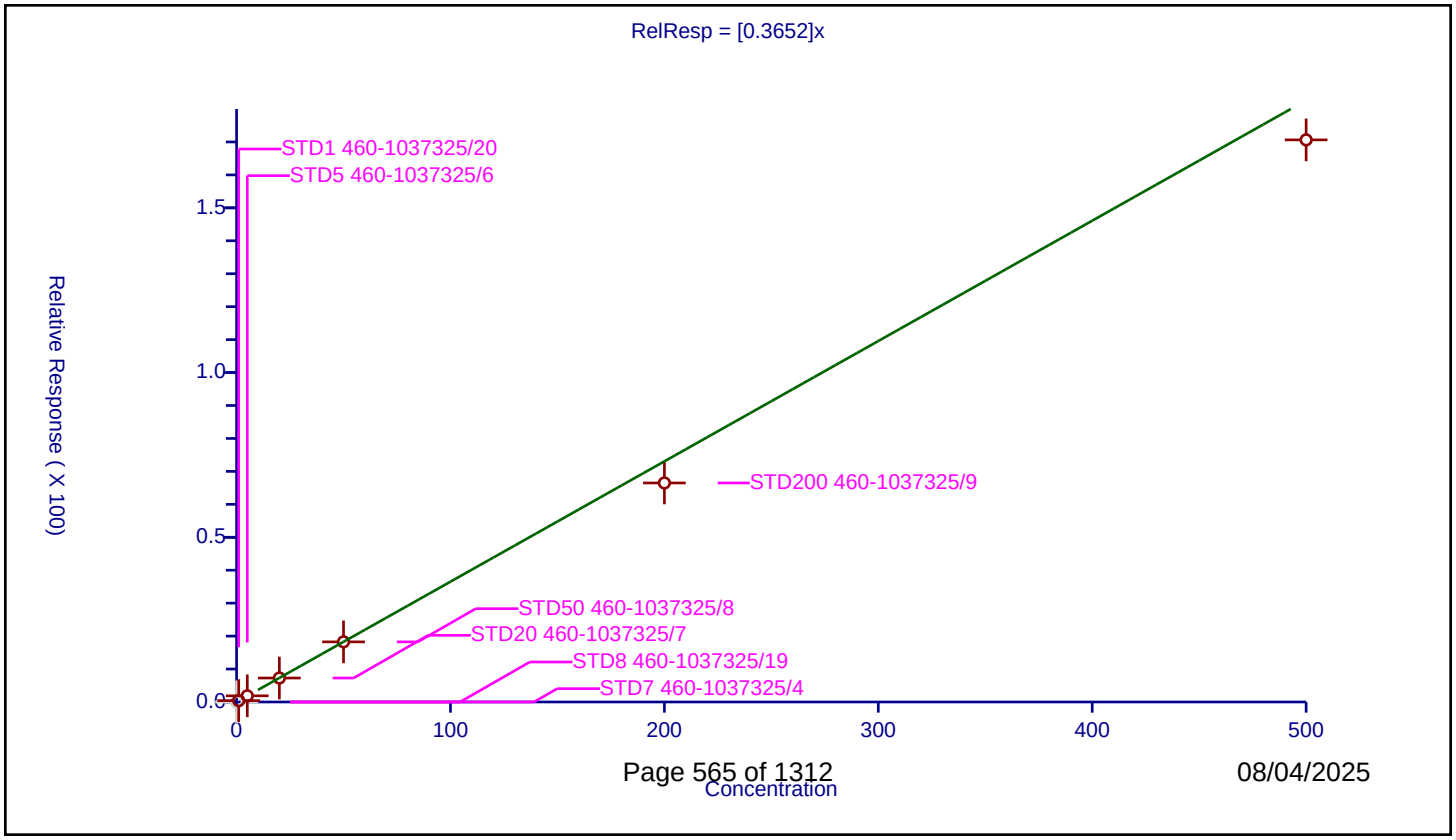
Curve Coefficients

Intercept:	0
Slope:	0.3652

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.414053	50.0	530729.0	0.414053	Y
4	STD5 460-1037325/6	5.0	1.875764	50.0	516323.0	0.375153	Y
5	STD20 460-1037325/7	20.0	7.269361	50.0	511503.0	0.363468	Y
6	STD50 460-1037325/8	50.0	18.251872	50.0	509282.0	0.365037	Y
7	STD200 460-1037325/9	200.0	66.487831	50.0	502322.0	0.332439	Y
8	STD500 460-1037325/10	500.0	170.634399	50.0	511476.0	0.341269	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

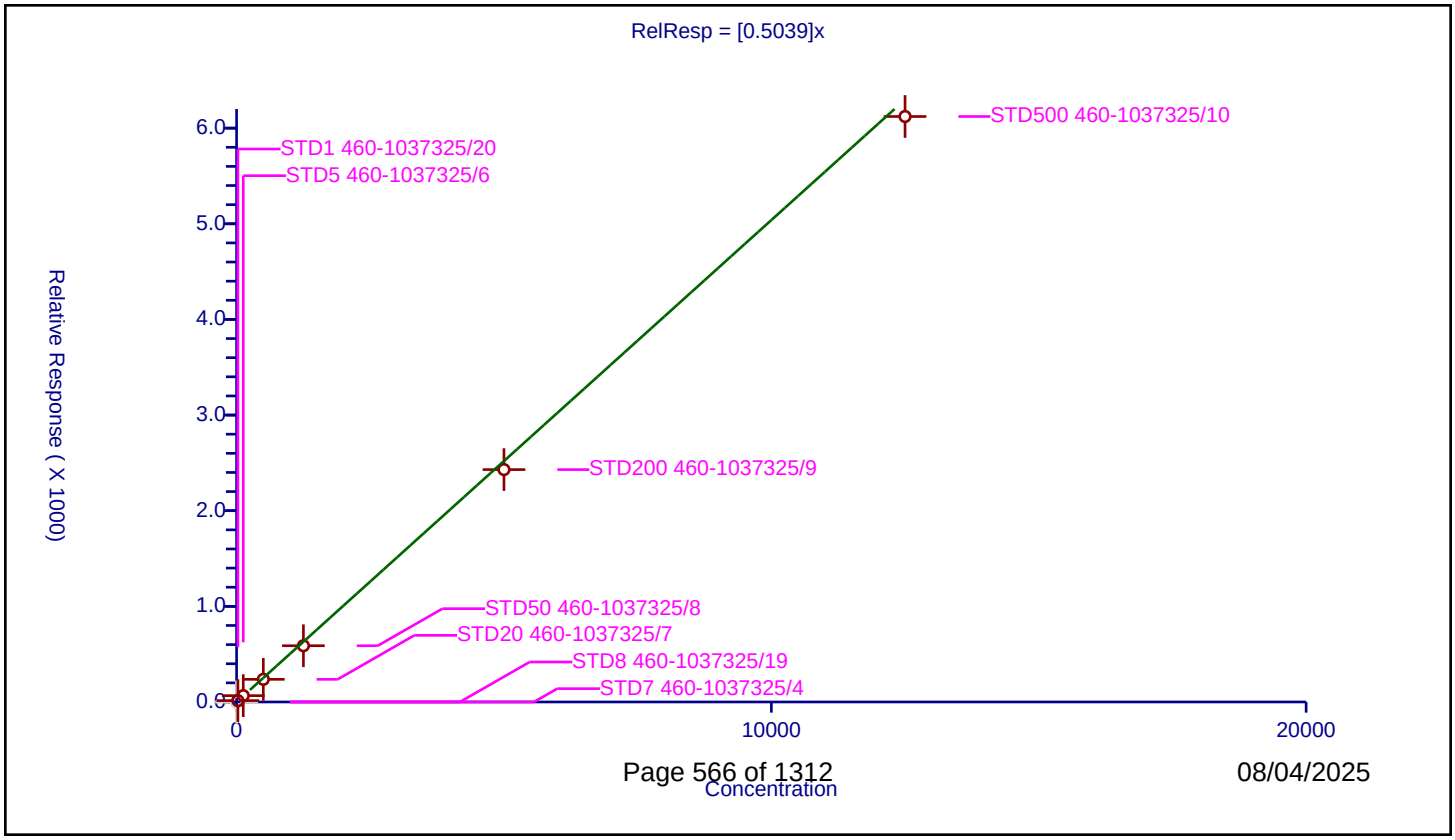
Curve Coefficients

Intercept:	0
Slope:	0.5039

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	5.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	25.0	14.34387	1000.0	130439.0	0.573755	Y
4	STD5 460-1037325/6	125.0	66.178345	1000.0	117682.0	0.529427	Y
5	STD20 460-1037325/7	500.0	236.979668	1000.0	119563.0	0.473959	Y
6	STD50 460-1037325/8	1250.0	588.046922	1000.0	118664.0	0.470438	Y
7	STD200 460-1037325/9	5000.0	2429.820886	1000.0	114564.0	0.485964	Y
8	STD500 460-1037325/10	12500.0	6121.710636	1000.0	120236.0	0.489737	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

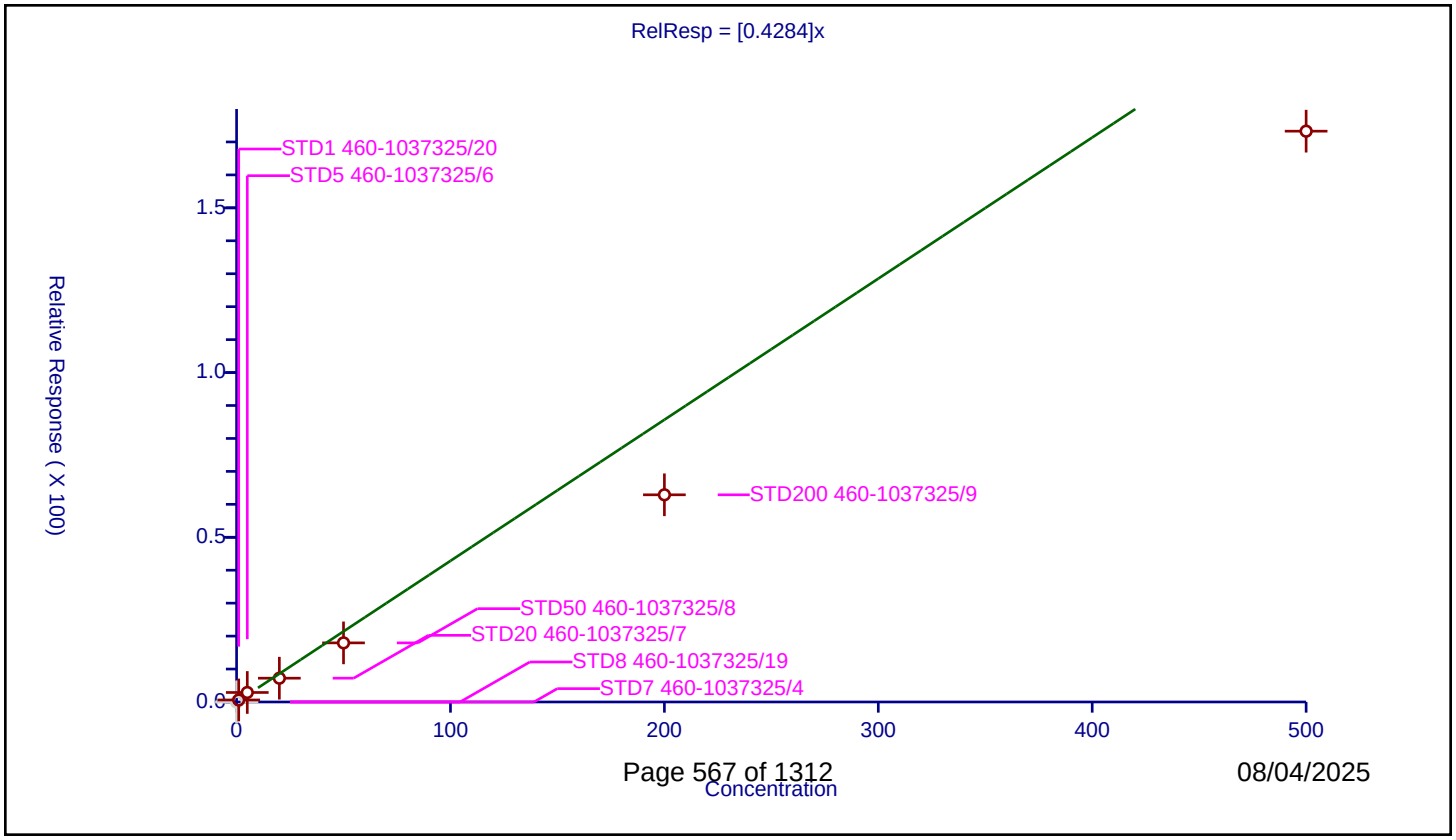
Curve Coefficients

Intercept:	0
Slope:	0.4284

Error Coefficients

Relative Standard Deviation:	30.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.6118	50.0	530729.0	0.6118	Y
4	STD5 460-1037325/6	5.0	2.886953	50.0	516323.0	0.577391	Y
5	STD20 460-1037325/7	20.0	7.223907	50.0	511503.0	0.361195	Y
6	STD50 460-1037325/8	50.0	17.943693	50.0	509282.0	0.358874	Y
7	STD200 460-1037325/9	200.0	62.892925	50.0	502322.0	0.314465	Y
8	STD500 460-1037325/10	500.0	173.276948	50.0	511476.0	0.346554	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

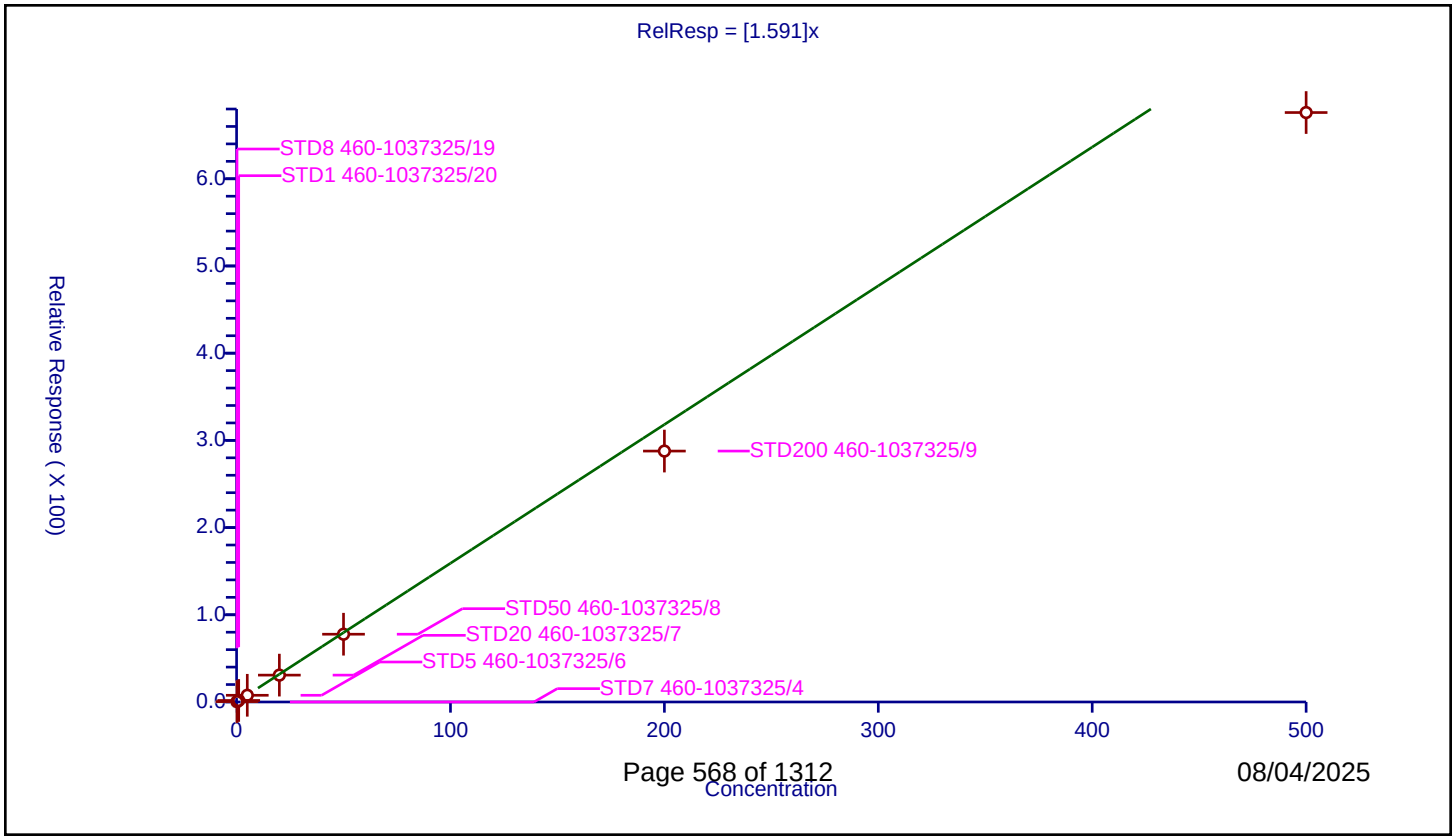
Curve Coefficients

Intercept:	0
Slope:	1.591

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.39796	50.0	365489.0	1.9898	Y
3	STD1 460-1037325/20	1.0	1.718796	50.0	364092.0	1.718796	Y
4	STD5 460-1037325/6	5.0	7.704852	50.0	356879.0	1.54097	Y
5	STD20 460-1037325/7	20.0	30.824361	50.0	359078.0	1.541218	Y
6	STD50 460-1037325/8	50.0	77.729084	50.0	352316.0	1.554582	Y
7	STD200 460-1037325/9	200.0	287.744944	50.0	360541.0	1.438725	Y
8	STD500 460-1037325/10	500.0	675.953135	50.0	386724.0	1.351906	Y



Calibration / Isopropyl acetate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

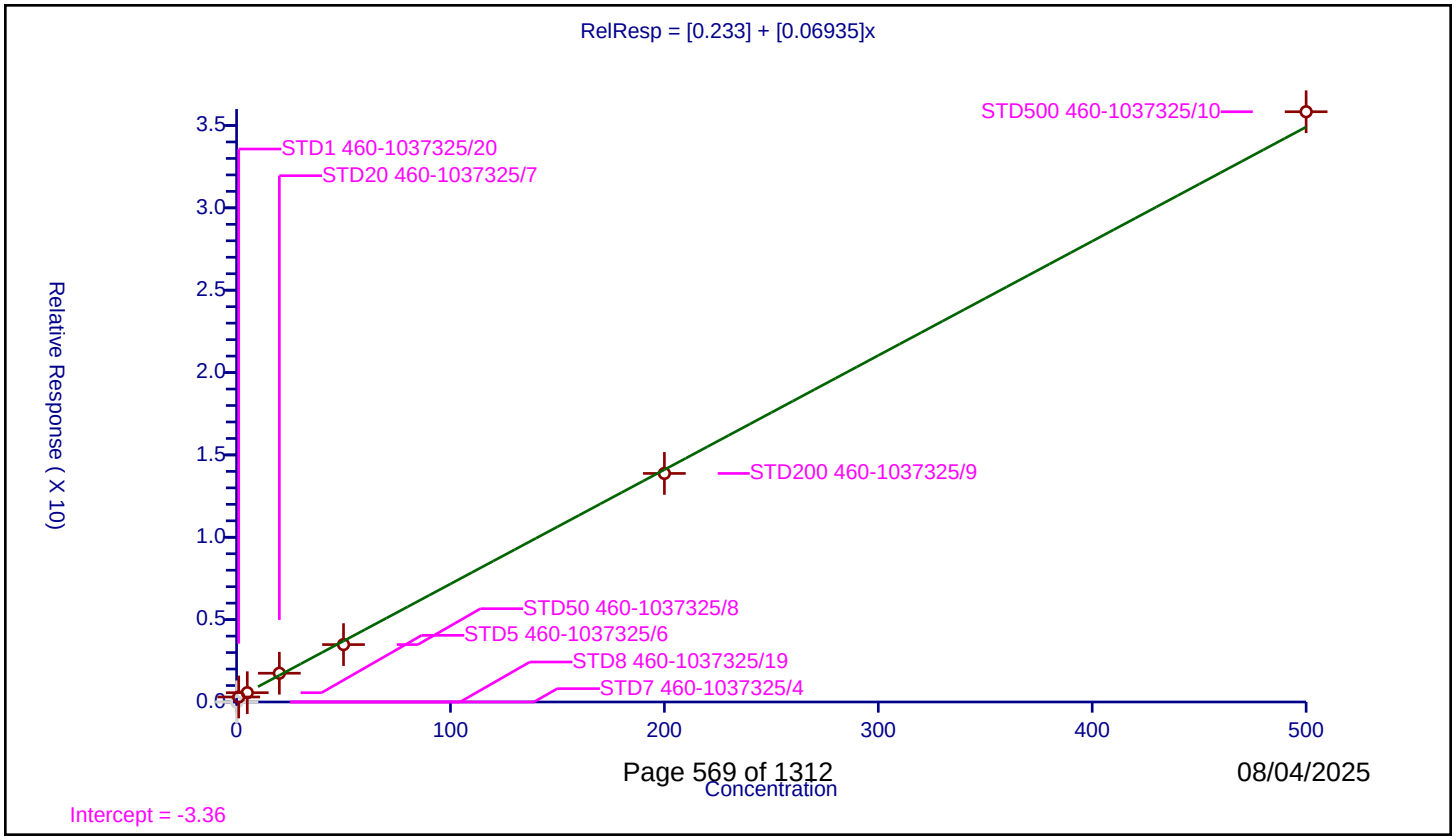
Curve Coefficients

Intercept:	0.233
Slope:	0.06935

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.302791	50.0	530729.0	0.302791	Y
4	STD5 460-1037325/6	5.0	0.564085	50.0	516323.0	0.112817	Y
5	STD20 460-1037325/7	20.0	1.746715	50.0	511503.0	0.087336	Y
6	STD50 460-1037325/8	50.0	3.485495	50.0	509282.0	0.06971	Y
7	STD200 460-1037325/9	200.0	13.875562	50.0	502322.0	0.069378	Y
8	STD500 460-1037325/10	500.0	35.83433	50.0	511476.0	0.071669	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

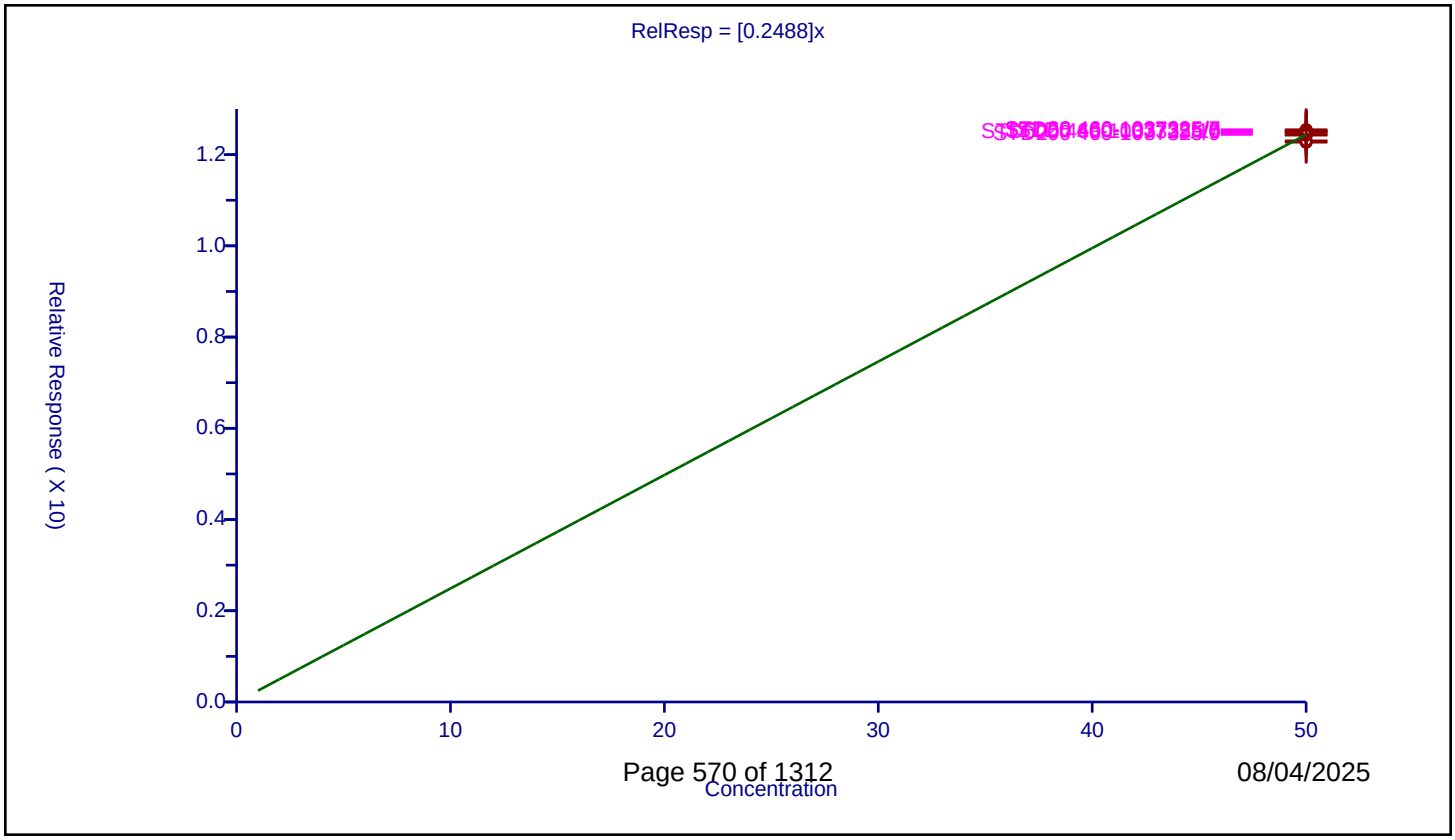
Curve Coefficients

Intercept:	0
Slope:	0.2488

Error Coefficients

Relative Standard Deviation:	0.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	50.0	12.301795	50.0	517583.0	0.246036	Y
2	STD5 460-1037325/6	50.0	12.512032	50.0	516323.0	0.250241	Y
3	STD20 460-1037325/7	50.0	12.545674	50.0	511503.0	0.250913	Y
4	STD50 460-1037325/8	50.0	12.510554	50.0	509282.0	0.250211	Y
5	STD200 460-1037325/9	50.0	12.443015	50.0	502322.0	0.24886	Y
6	STD500 460-1037325/10	50.0	12.490518	50.0	511476.0	0.24981	Y
7	STD8 460-1037325/19	50.0	12.272721	50.0	533651.0	0.245454	Y
8	STD1 460-1037325/20	50.0	12.426869	50.0	530729.0	0.248537	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

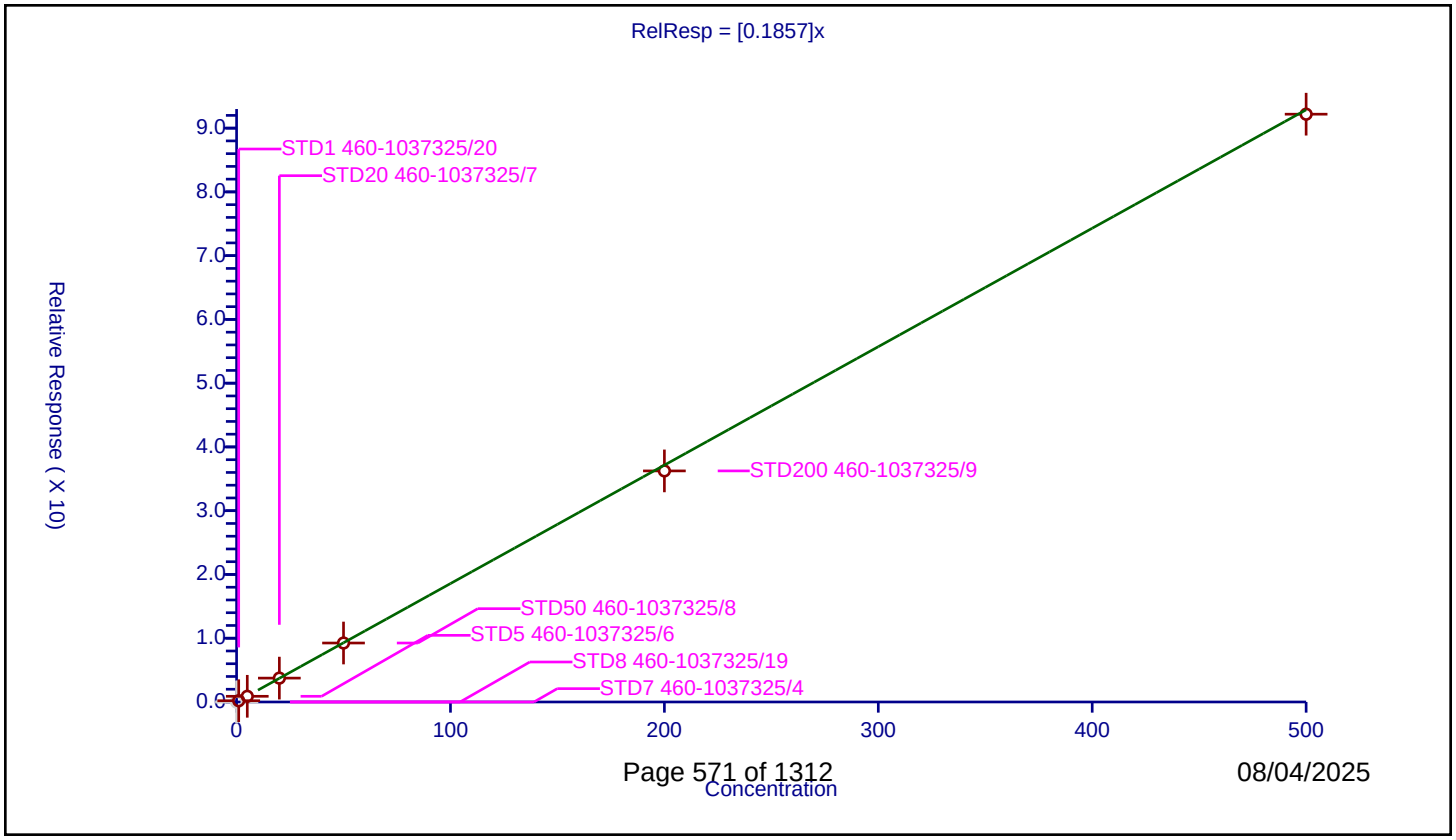
Curve Coefficients

Intercept:	0
Slope:	0.1857

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.198218	50.0	530729.0	0.198218	Y
4	STD5 460-1037325/6	5.0	0.892465	50.0	516323.0	0.178493	Y
5	STD20 460-1037325/7	20.0	3.744651	50.0	511503.0	0.187233	Y
6	STD50 460-1037325/8	50.0	9.248118	50.0	509282.0	0.184962	Y
7	STD200 460-1037325/9	200.0	36.240201	50.0	502322.0	0.181201	Y
8	STD500 460-1037325/10	500.0	92.187708	50.0	511476.0	0.184375	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

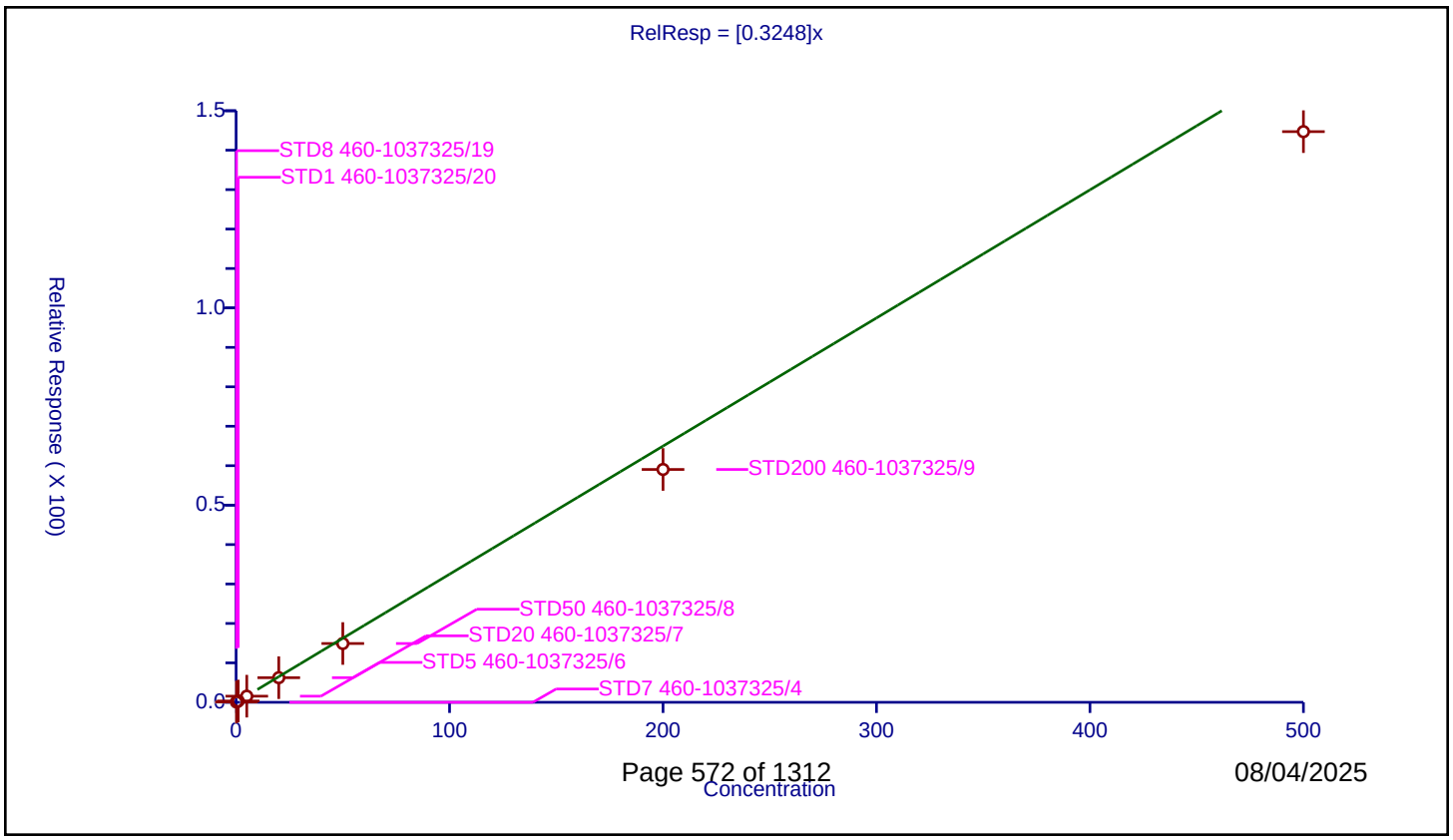
Curve Coefficients

Intercept:	0
Slope:	0.3248

Error Coefficients

Relative Standard Deviation:	16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.088354	50.0	533651.0	0.441768	Y
3	STD1 460-1037325/20	1.0	0.326061	50.0	530729.0	0.326061	Y
4	STD5 460-1037325/6	5.0	1.555615	50.0	516323.0	0.311123	Y
5	STD20 460-1037325/7	20.0	6.24317	50.0	511503.0	0.312158	Y
6	STD50 460-1037325/8	50.0	14.90952	50.0	509282.0	0.29819	Y
7	STD200 460-1037325/9	200.0	59.038824	50.0	502322.0	0.295194	Y
8	STD500 460-1037325/10	500.0	144.703955	50.0	511476.0	0.289408	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

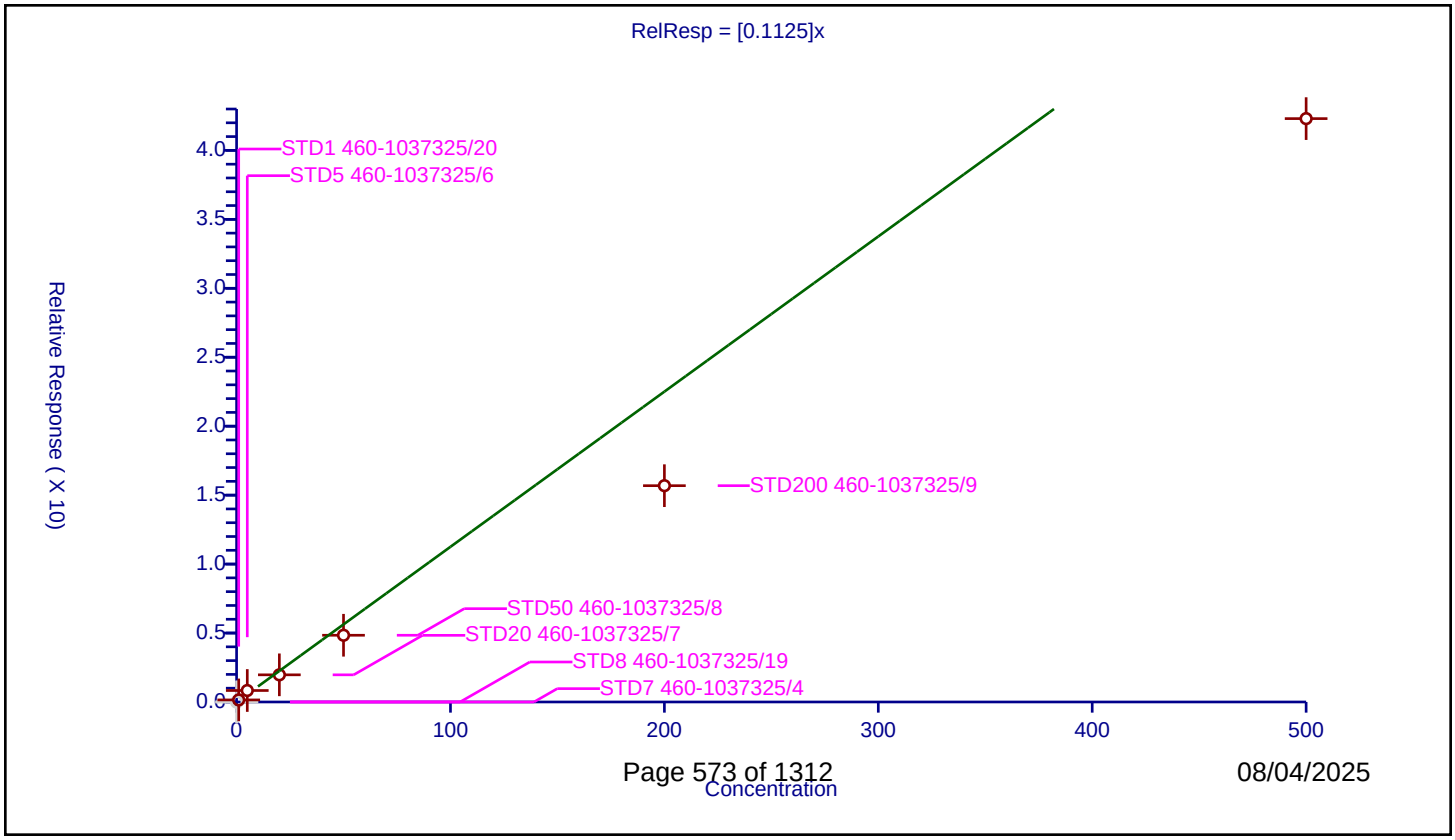
Curve Coefficients

Intercept:	0
Slope:	0.1125

Error Coefficients

Relative Standard Deviation:	32.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.150359	50.0	530729.0	0.150359	Y
4	STD5 460-1037325/6	5.0	0.832425	50.0	516323.0	0.166485	Y
5	STD20 460-1037325/7	20.0	1.969881	50.0	511503.0	0.098494	Y
6	STD50 460-1037325/8	50.0	4.839657	50.0	509282.0	0.096793	Y
7	STD200 460-1037325/9	200.0	15.686253	50.0	502322.0	0.078431	Y
8	STD500 460-1037325/10	500.0	42.303744	50.0	511476.0	0.084607	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

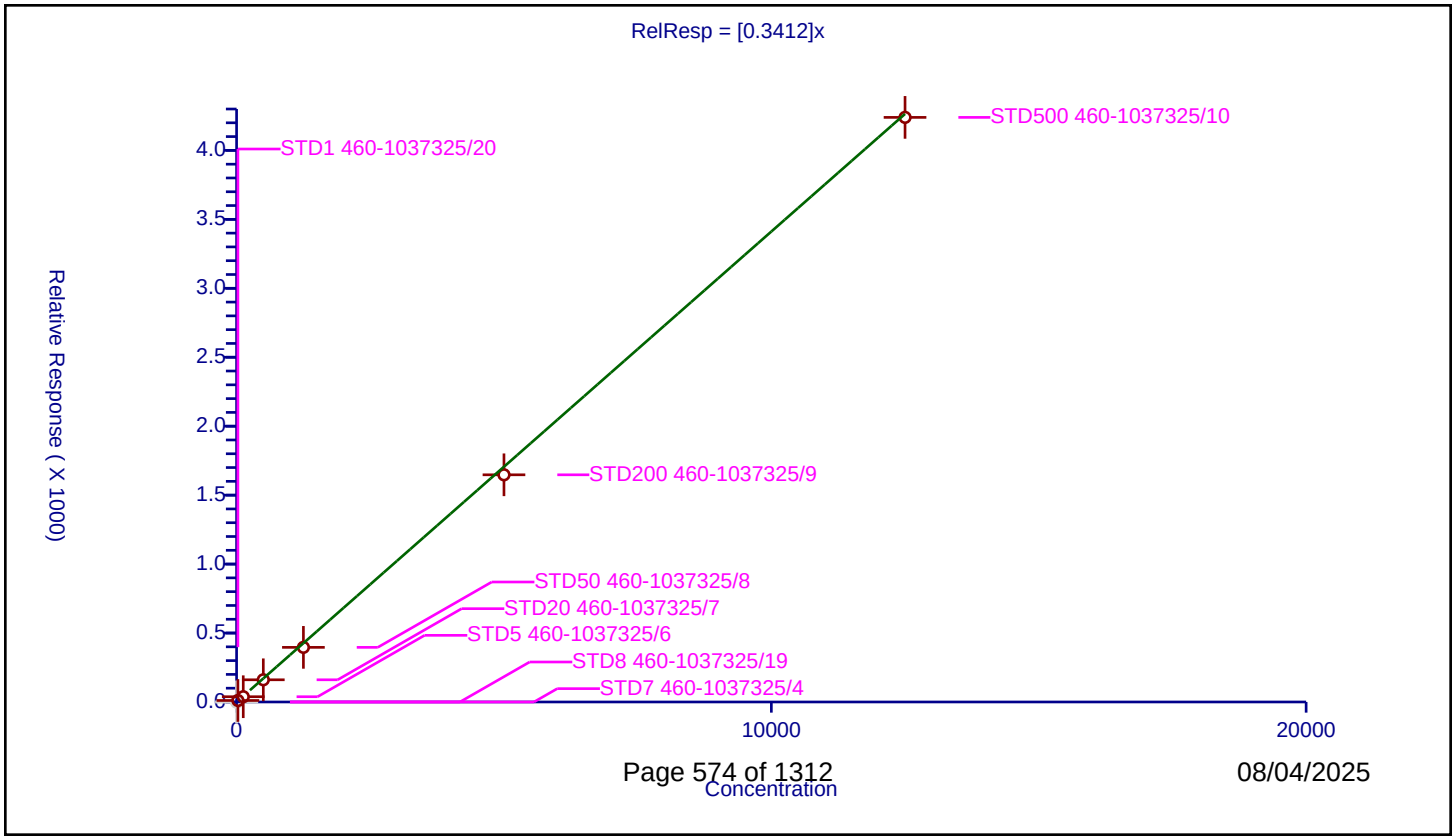
Curve Coefficients

Intercept:	0
Slope:	0.3412

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	117987.0	NaN	N
2	STD8 460-1037325/19	5.0	0.0	1000.0	139095.0	0.0	N
3	STD1 460-1037325/20	25.0	10.83265	1000.0	130439.0	0.433306	Y
4	STD5 460-1037325/6	125.0	38.272633	1000.0	117682.0	0.306181	Y
5	STD20 460-1037325/7	500.0	160.986258	1000.0	119563.0	0.321973	Y
6	STD50 460-1037325/8	1250.0	396.067889	1000.0	118664.0	0.316854	Y
7	STD200 460-1037325/9	5000.0	1647.43724	1000.0	114564.0	0.329487	Y
8	STD500 460-1037325/10	12500.0	4239.18793	1000.0	120236.0	0.339135	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

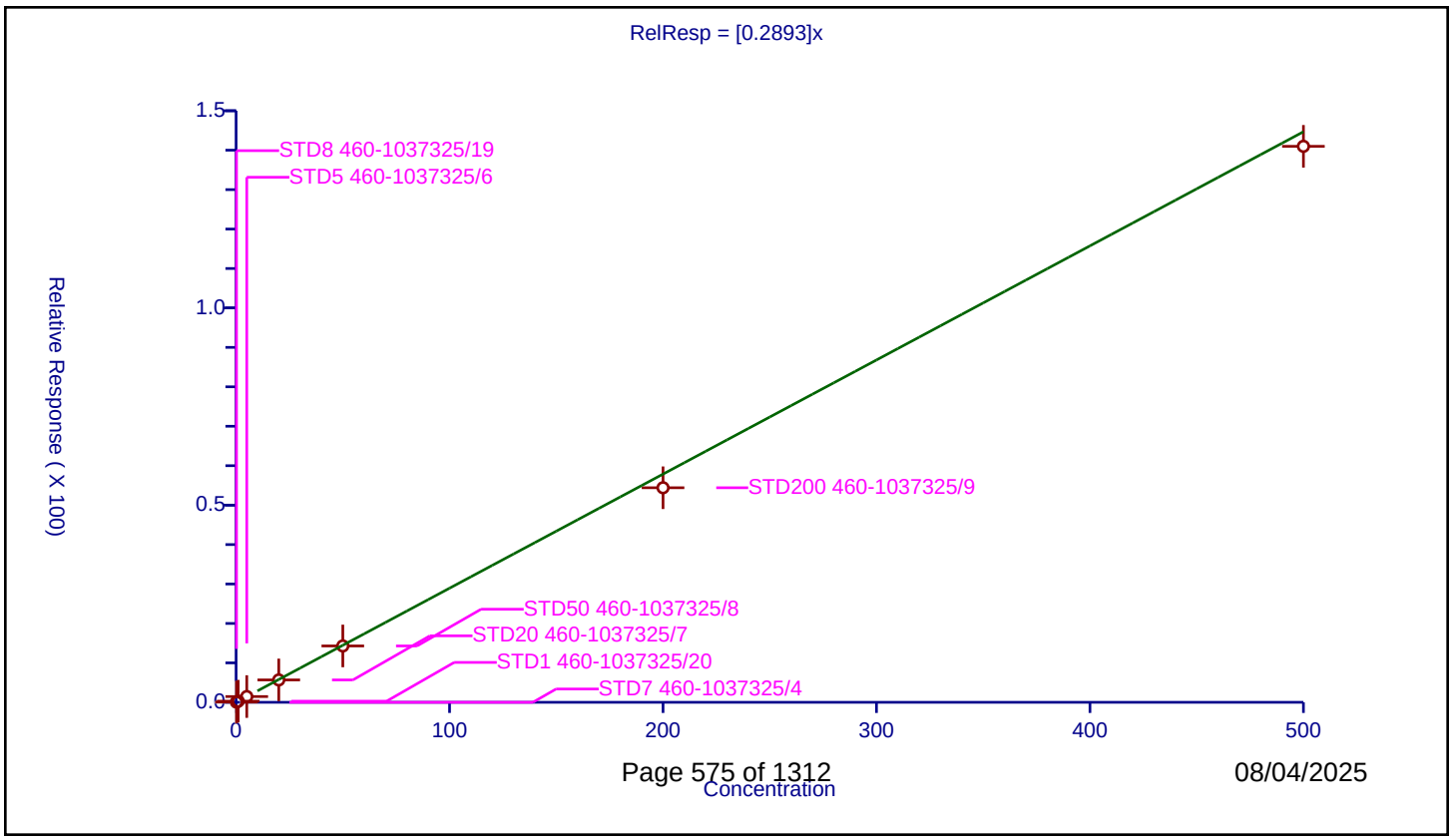
Curve Coefficients

Intercept:	0
Slope:	0.2893

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.064274	50.0	533651.0	0.321371	Y
3	STD1 460-1037325/20	1.0	0.287906	50.0	530729.0	0.287906	Y
4	STD5 460-1037325/6	5.0	1.462553	50.0	516323.0	0.292511	Y
5	STD20 460-1037325/7	20.0	5.676115	50.0	511503.0	0.283806	Y
6	STD50 460-1037325/8	50.0	14.29002	50.0	509282.0	0.2858	Y
7	STD200 460-1037325/9	200.0	54.404147	50.0	502322.0	0.272021	Y
8	STD500 460-1037325/10	500.0	140.981688	50.0	511476.0	0.281963	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

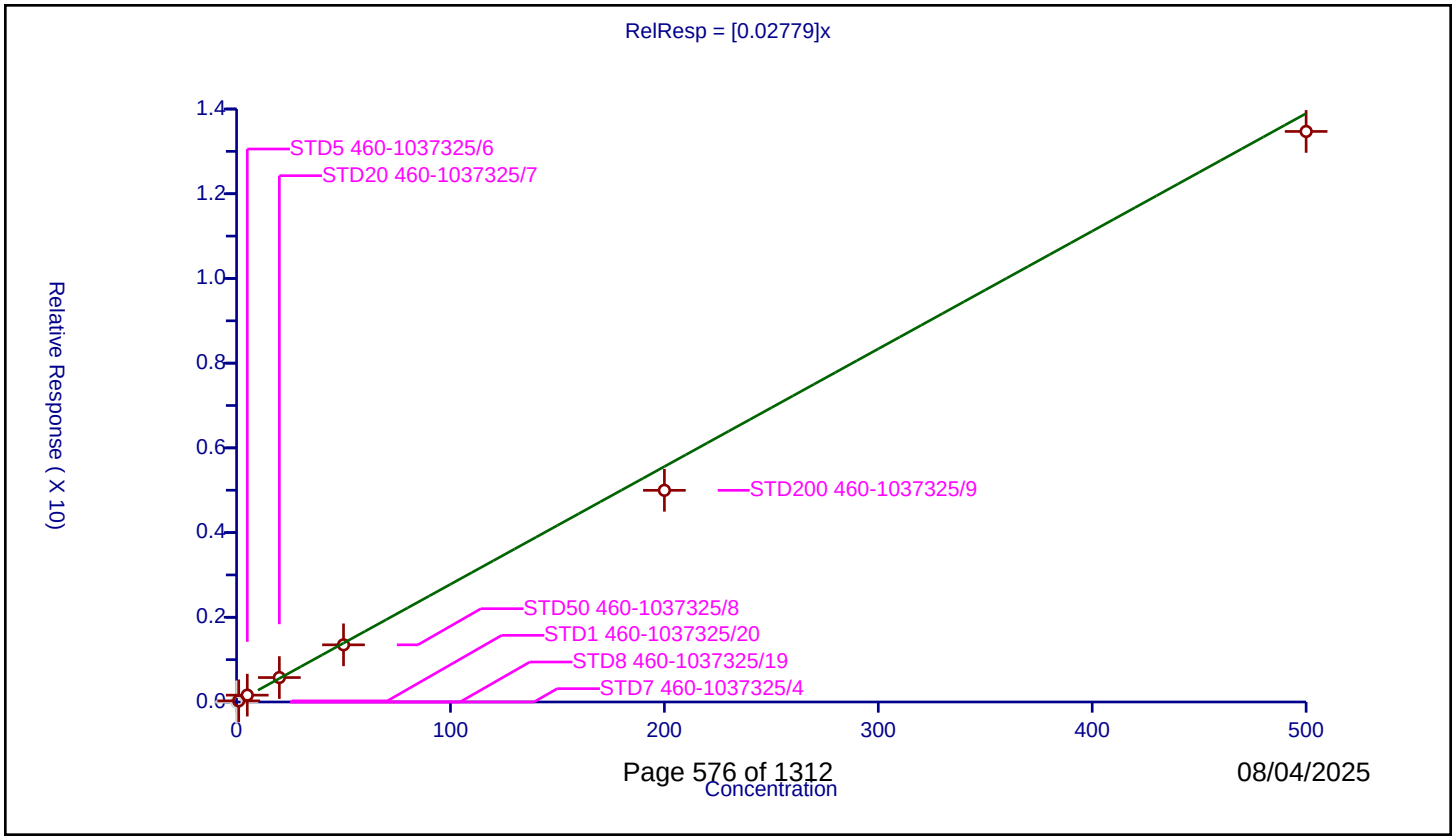
Curve Coefficients

Intercept:	0
Slope:	0.02779

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.026661	50.0	530729.0	0.026661	Y
4	STD5 460-1037325/6	5.0	0.161527	50.0	516323.0	0.032305	Y
5	STD20 460-1037325/7	20.0	0.57722	50.0	511503.0	0.028861	Y
6	STD50 460-1037325/8	50.0	1.349547	50.0	509282.0	0.026991	Y
7	STD200 460-1037325/9	200.0	4.997492	50.0	502322.0	0.024987	Y
8	STD500 460-1037325/10	500.0	13.47072	50.0	511476.0	0.026941	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

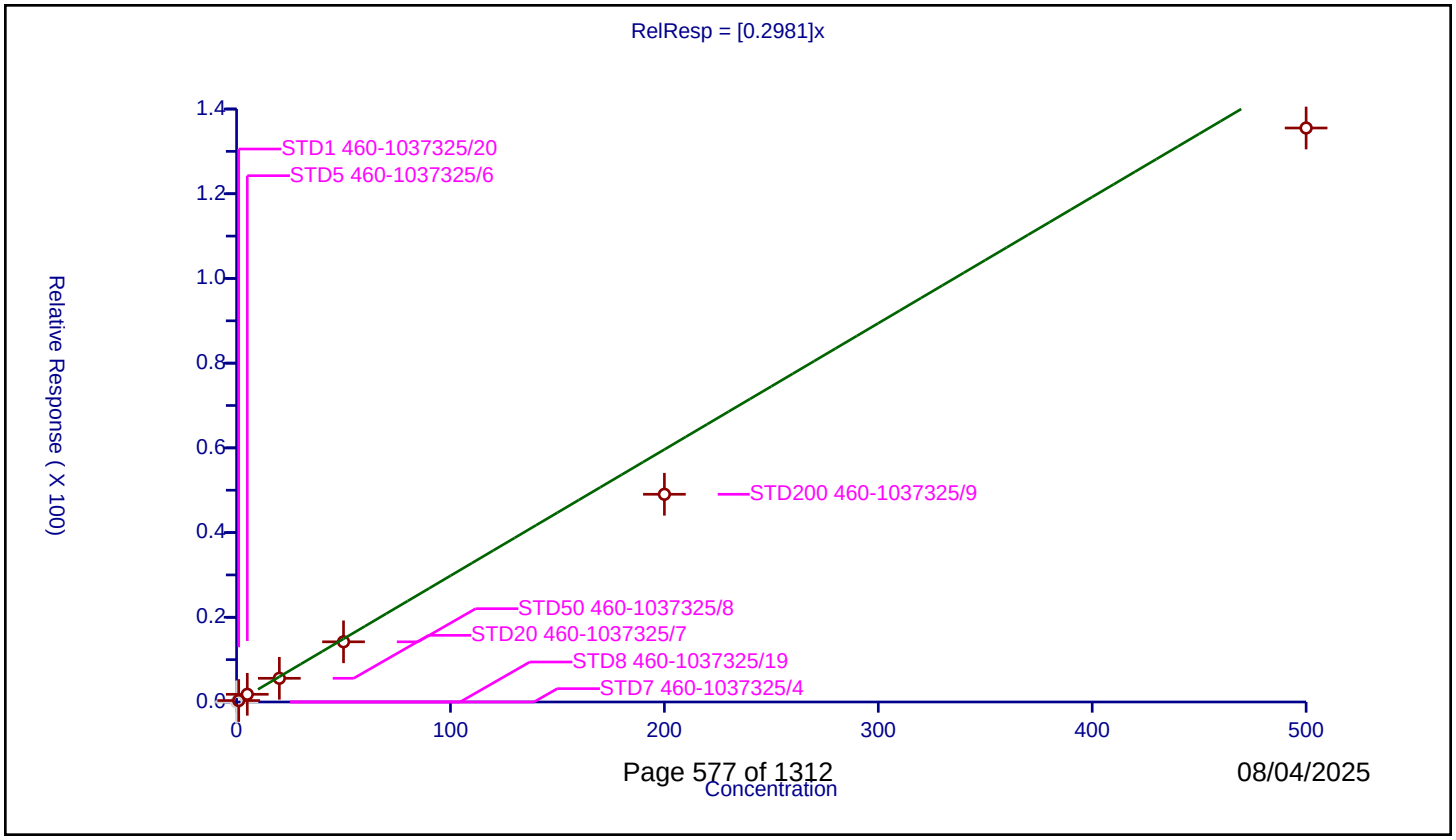
Curve Coefficients

Intercept:	0
Slope:	0.2981

Error Coefficients

Relative Standard Deviation:	15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.344715	50.0	530729.0	0.344715	Y
4	STD5 460-1037325/6	5.0	1.817564	50.0	516323.0	0.363513	Y
5	STD20 460-1037325/7	20.0	5.595862	50.0	511503.0	0.279793	Y
6	STD50 460-1037325/8	50.0	14.209613	50.0	509282.0	0.284192	Y
7	STD200 460-1037325/9	200.0	49.039162	50.0	502322.0	0.245196	Y
8	STD500 460-1037325/10	500.0	135.519164	50.0	511476.0	0.271038	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

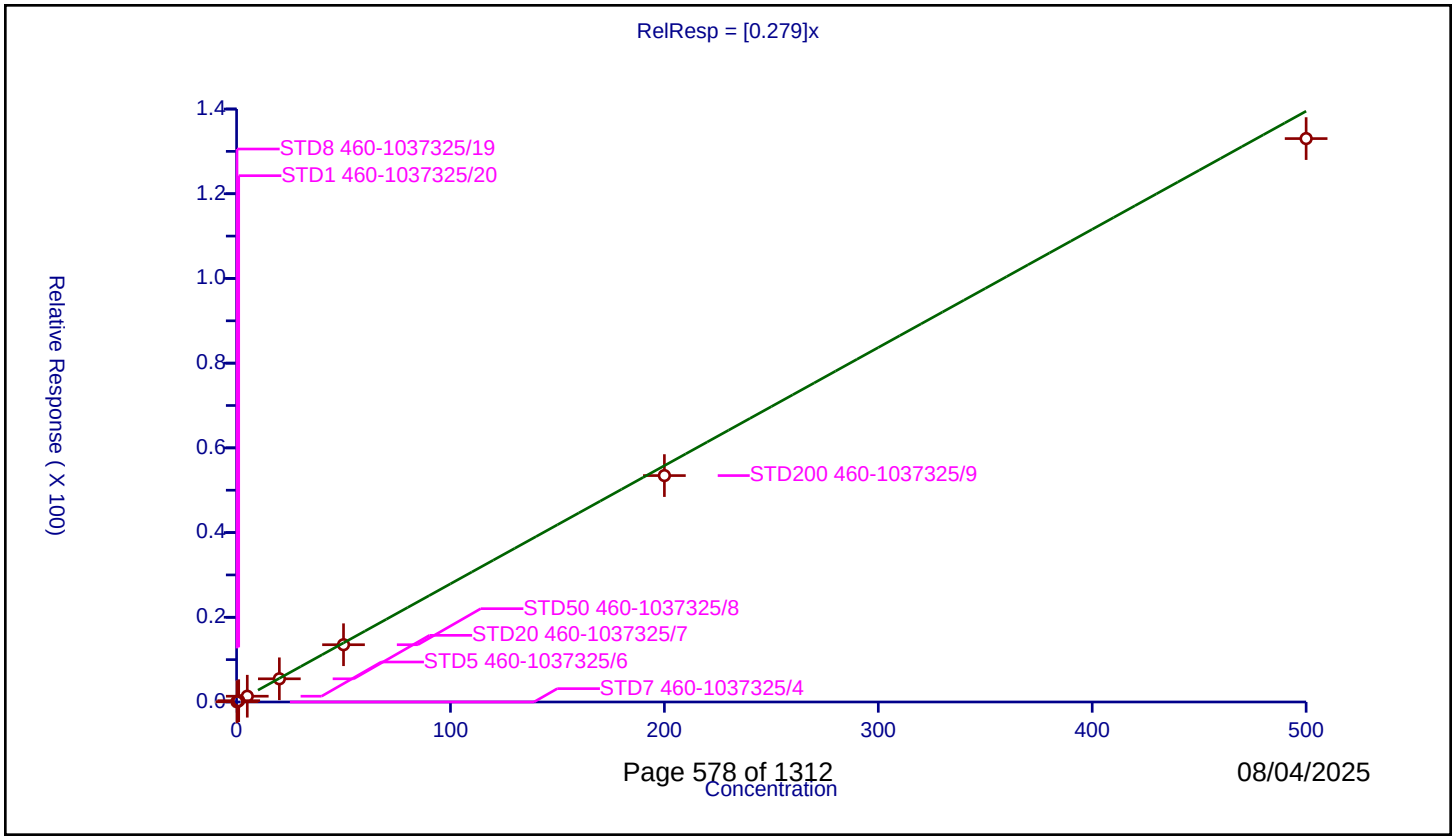
Curve Coefficients

Intercept:	0
Slope:	0.279

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.05959	50.0	533651.0	0.297948	Y
3	STD1 460-1037325/20	1.0	0.304581	50.0	530729.0	0.304581	Y
4	STD5 460-1037325/6	5.0	1.364456	50.0	516323.0	0.272891	Y
5	STD20 460-1037325/7	20.0	5.473379	50.0	511503.0	0.273669	Y
6	STD50 460-1037325/8	50.0	13.52188	50.0	509282.0	0.270438	Y
7	STD200 460-1037325/9	200.0	53.45824	50.0	502322.0	0.267291	Y
8	STD500 460-1037325/10	500.0	133.017483	50.0	511476.0	0.266035	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

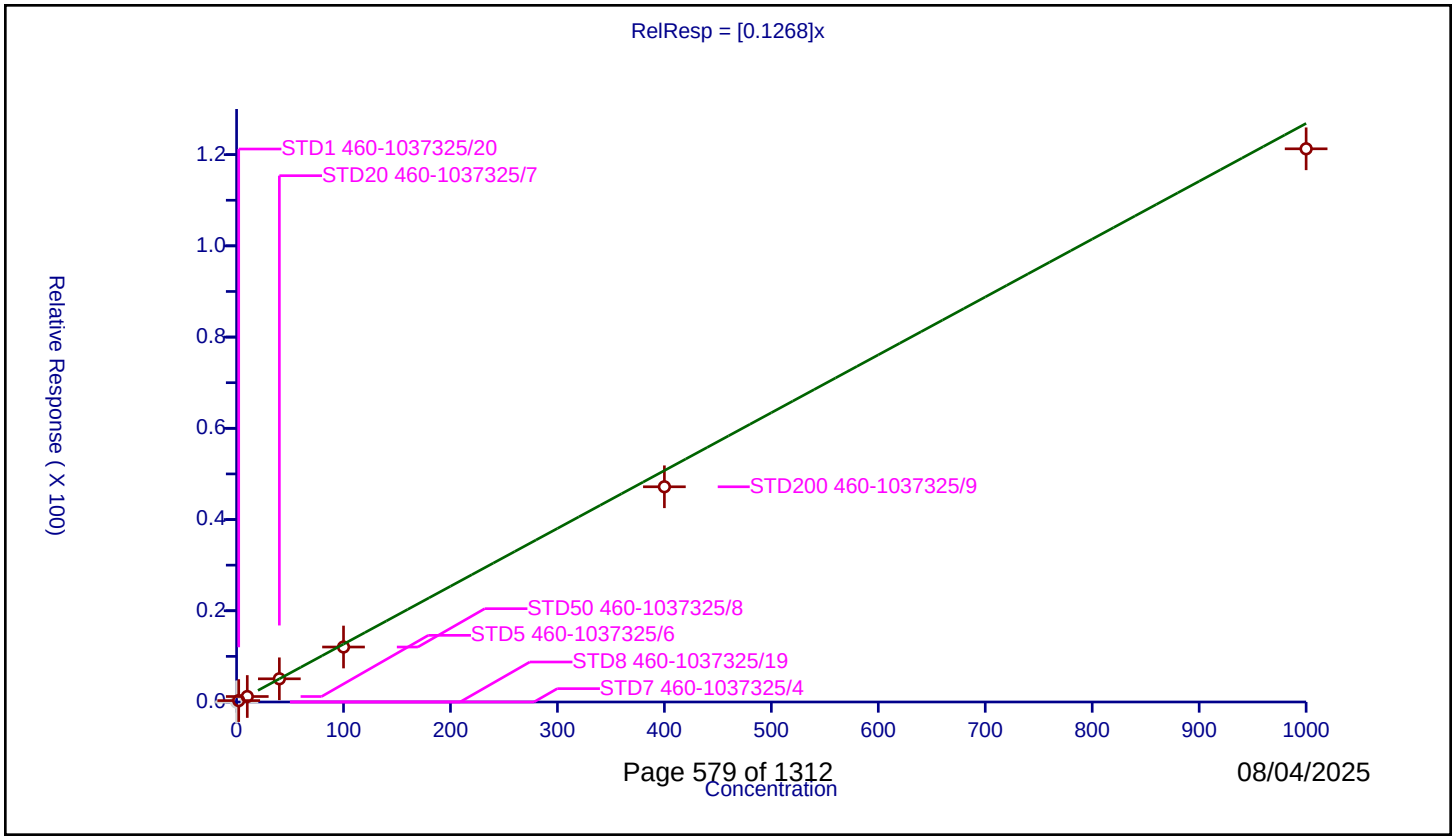
Curve Coefficients

Intercept:	0
Slope:	0.1268

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	2.0	0.308349	50.0	530729.0	0.154175	Y
4	STD5 460-1037325/6	10.0	1.200605	50.0	516323.0	0.120061	Y
5	STD20 460-1037325/7	40.0	5.083743	50.0	511503.0	0.127094	Y
6	STD50 460-1037325/8	100.0	12.049709	50.0	509282.0	0.120497	Y
7	STD200 460-1037325/9	400.0	47.184376	50.0	502322.0	0.117961	Y
8	STD500 460-1037325/10	1000.0	121.274996	50.0	511476.0	0.121275	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

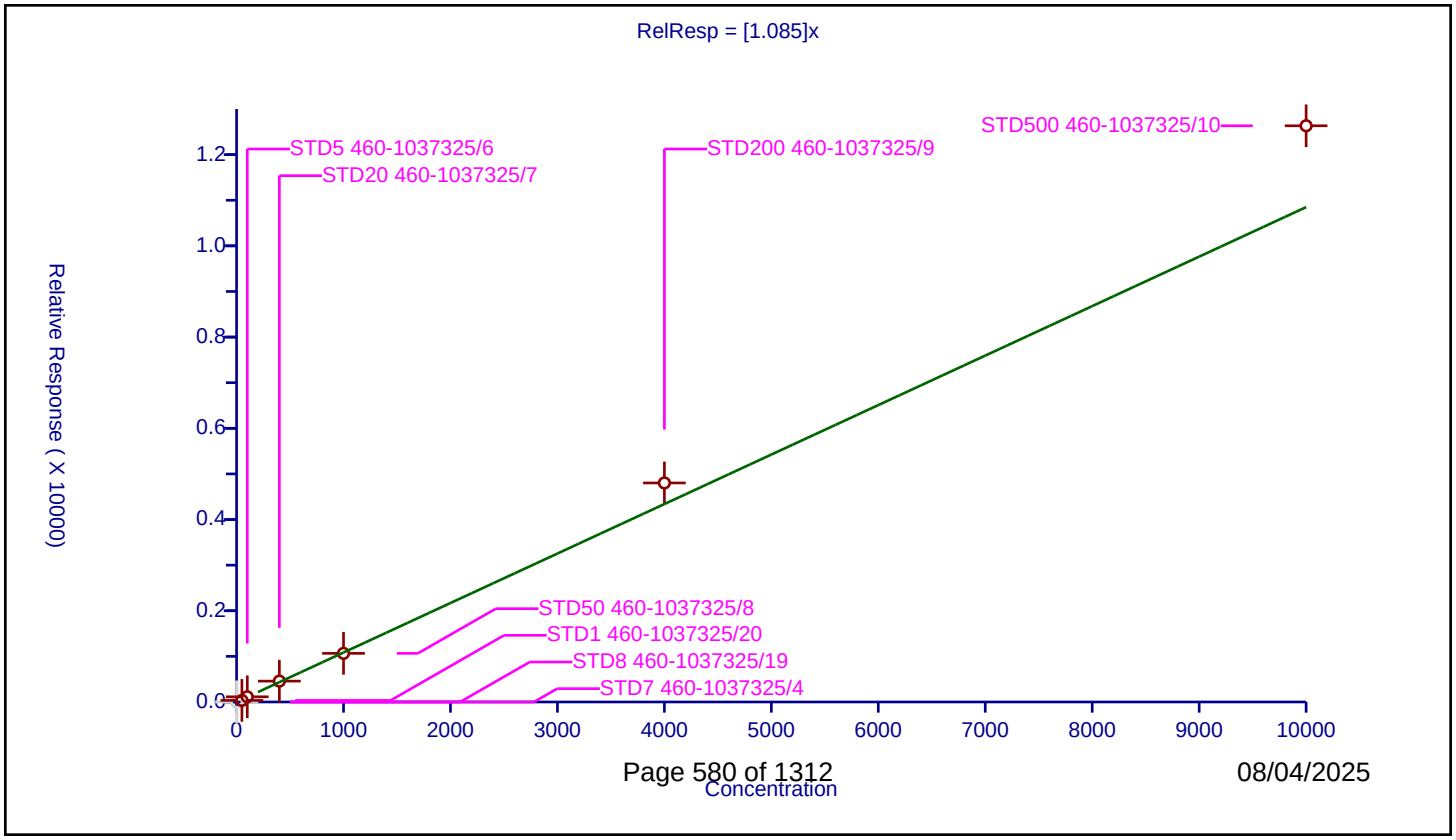
Curve Coefficients

Intercept:	0
Slope:	1.085

Error Coefficients

Relative Standard Deviation:	18.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	1000.0	14410.0	NaN	N
2	STD8 460-1037325/19	4.0	0.0	1000.0	14955.0	0.0	N
3	STD1 460-1037325/20	50.0	35.004488	1000.0	15598.0	0.70009	Y
4	STD5 460-1037325/6	100.0	113.633218	1000.0	14450.0	1.136332	Y
5	STD20 460-1037325/7	400.0	457.201435	1000.0	15608.0	1.143004	Y
6	STD50 460-1037325/8	1000.0	1065.862242	1000.0	15912.0	1.065862	Y
7	STD200 460-1037325/9	4000.0	4802.017998	1000.0	14668.0	1.200504	Y
8	STD500 460-1037325/10	10000.0	12632.515503	1000.0	14836.0	1.263252	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

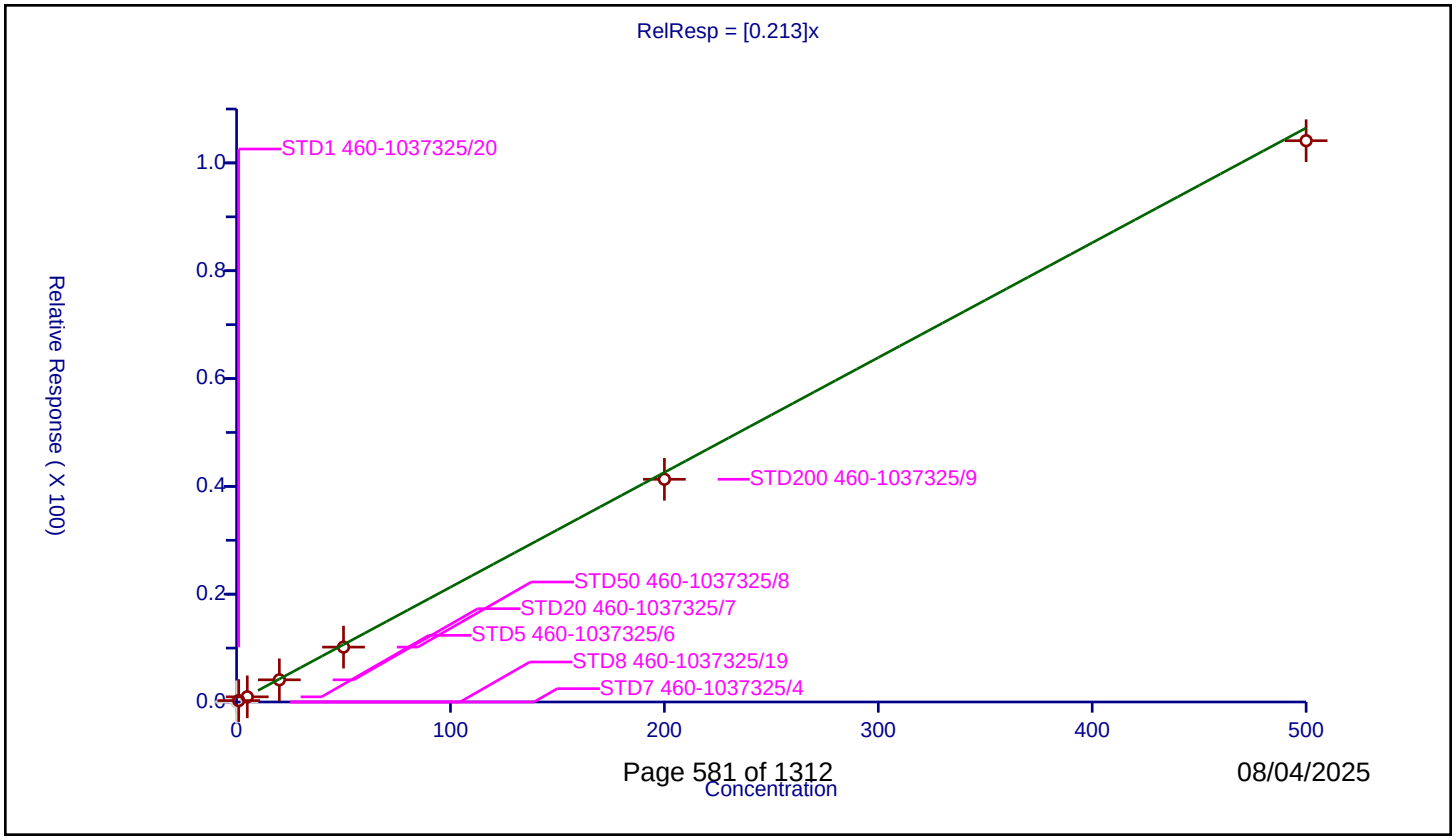
Curve Coefficients

Intercept:	0
Slope:	0.213

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.26181	50.0	530729.0	0.26181	Y
4	STD5 460-1037325/6	5.0	0.959283	50.0	516323.0	0.191857	Y
5	STD20 460-1037325/7	20.0	4.113466	50.0	511503.0	0.205673	Y
6	STD50 460-1037325/8	50.0	10.183945	50.0	509282.0	0.203679	Y
7	STD200 460-1037325/9	200.0	41.313739	50.0	502322.0	0.206569	Y
8	STD500 460-1037325/10	500.0	104.121503	50.0	511476.0	0.208243	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

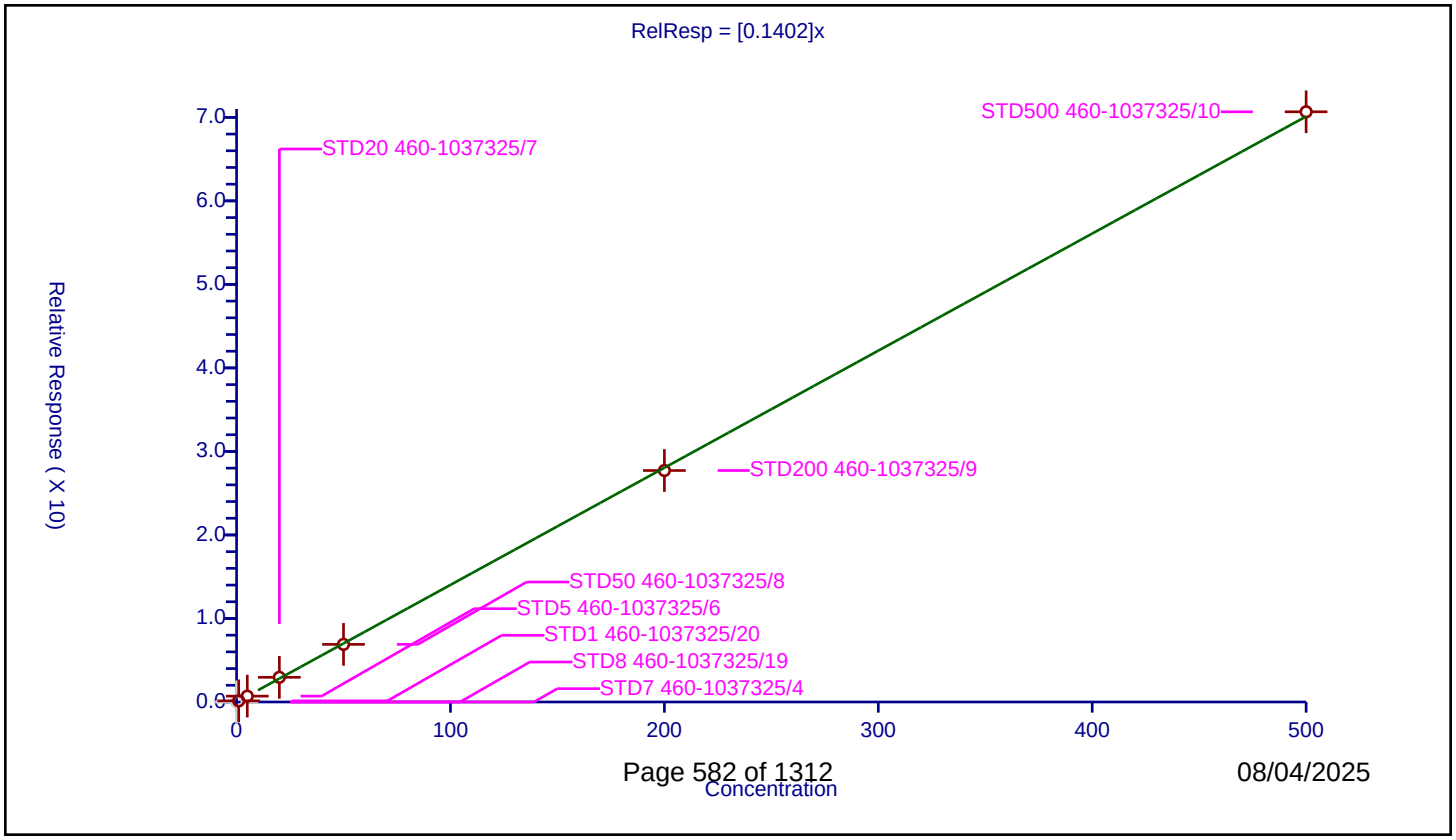
Curve Coefficients

Intercept:	0
Slope:	0.1402

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.135474	50.0	530729.0	0.135474	Y
4	STD5 460-1037325/6	5.0	0.700627	50.0	516323.0	0.140125	Y
5	STD20 460-1037325/7	20.0	2.956385	50.0	511503.0	0.147819	Y
6	STD50 460-1037325/8	50.0	6.899125	50.0	509282.0	0.137982	Y
7	STD200 460-1037325/9	200.0	27.715489	50.0	502322.0	0.138577	Y
8	STD500 460-1037325/10	500.0	70.668712	50.0	511476.0	0.141337	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

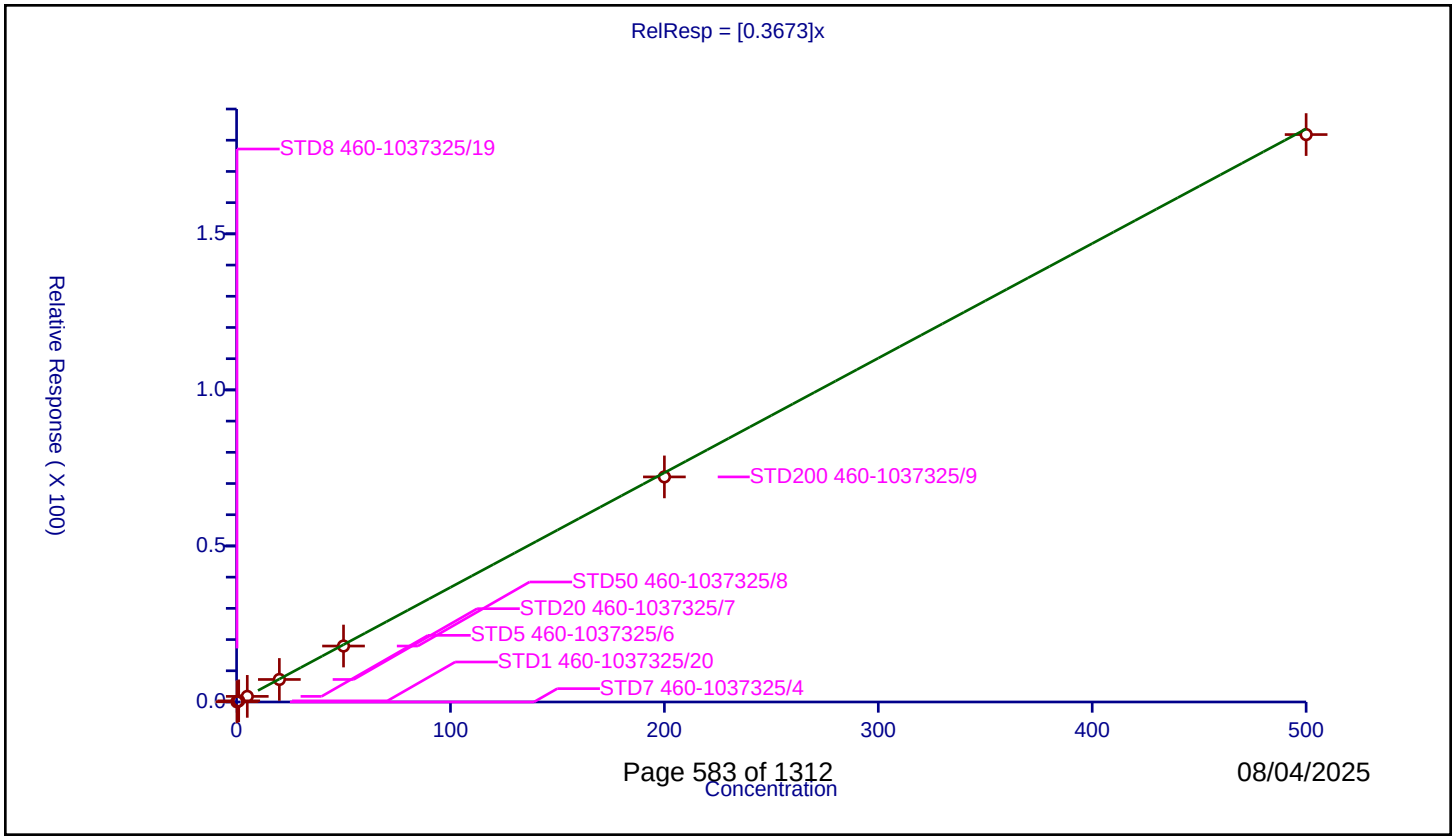
Curve Coefficients

Intercept:	0
Slope:	0.3673

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.080296	50.0	533651.0	0.40148	Y
3	STD1 460-1037325/20	1.0	0.3661	50.0	530729.0	0.3661	Y
4	STD5 460-1037325/6	5.0	1.797228	50.0	516323.0	0.359446	Y
5	STD20 460-1037325/7	20.0	7.216673	50.0	511503.0	0.360834	Y
6	STD50 460-1037325/8	50.0	17.934268	50.0	509282.0	0.358685	Y
7	STD200 460-1037325/9	200.0	72.122364	50.0	502322.0	0.360612	Y
8	STD500 460-1037325/10	500.0	181.81772	50.0	511476.0	0.363635	Y



Calibration / 2-Nitropropane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

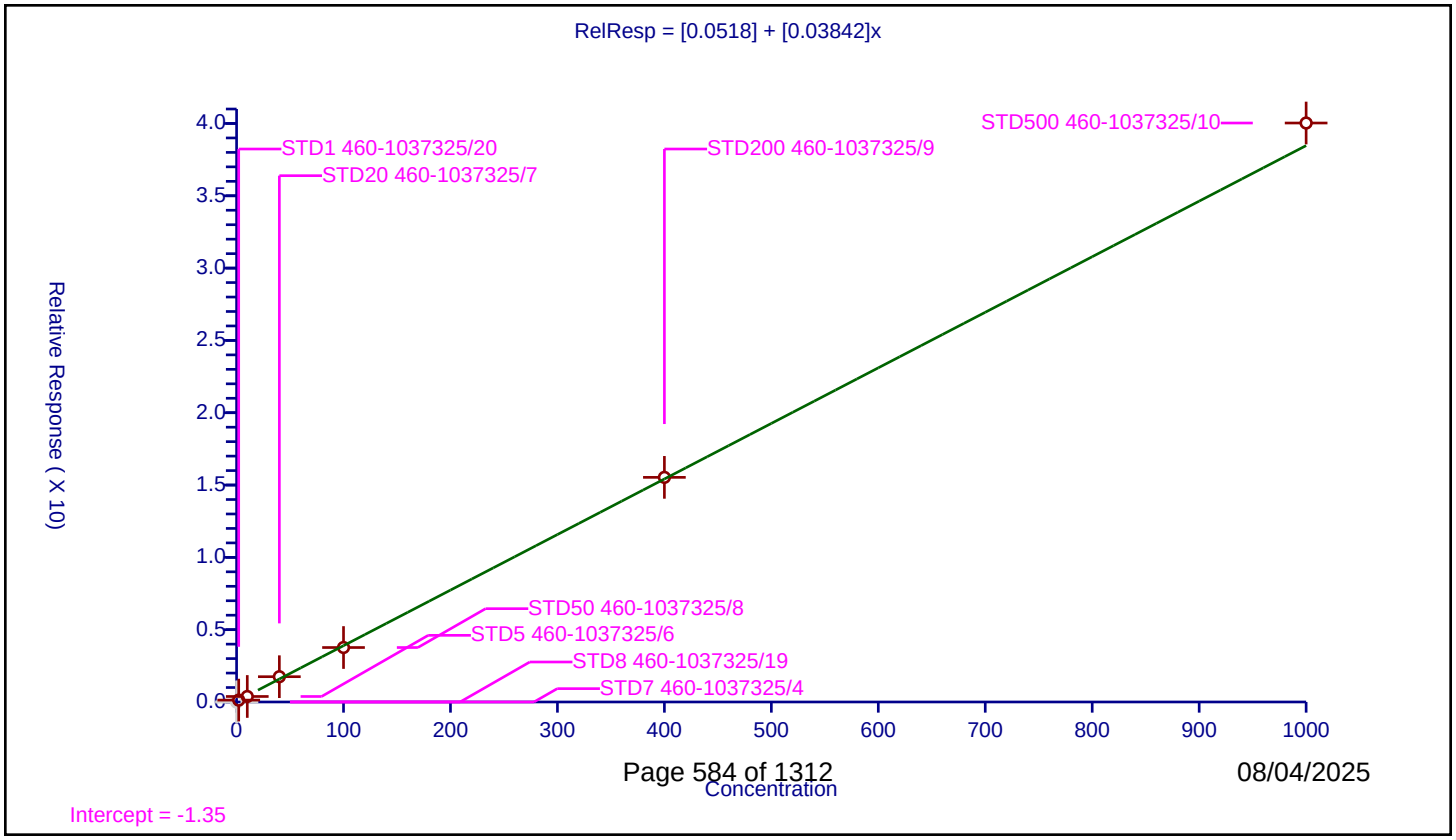
Curve Coefficients

Intercept:	0.0518
Slope:	0.03842

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.4	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	2.0	0.130481	50.0	530729.0	0.06524	Y
4	STD5 460-1037325/6	10.0	0.38106	50.0	516323.0	0.038106	Y
5	STD20 460-1037325/7	40.0	1.748768	50.0	511503.0	0.043719	Y
6	STD50 460-1037325/8	100.0	3.766479	50.0	509282.0	0.037665	Y
7	STD200 460-1037325/9	400.0	15.531273	50.0	502322.0	0.038828	Y
8	STD500 460-1037325/10	1000.0	40.032572	50.0	511476.0	0.040033	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

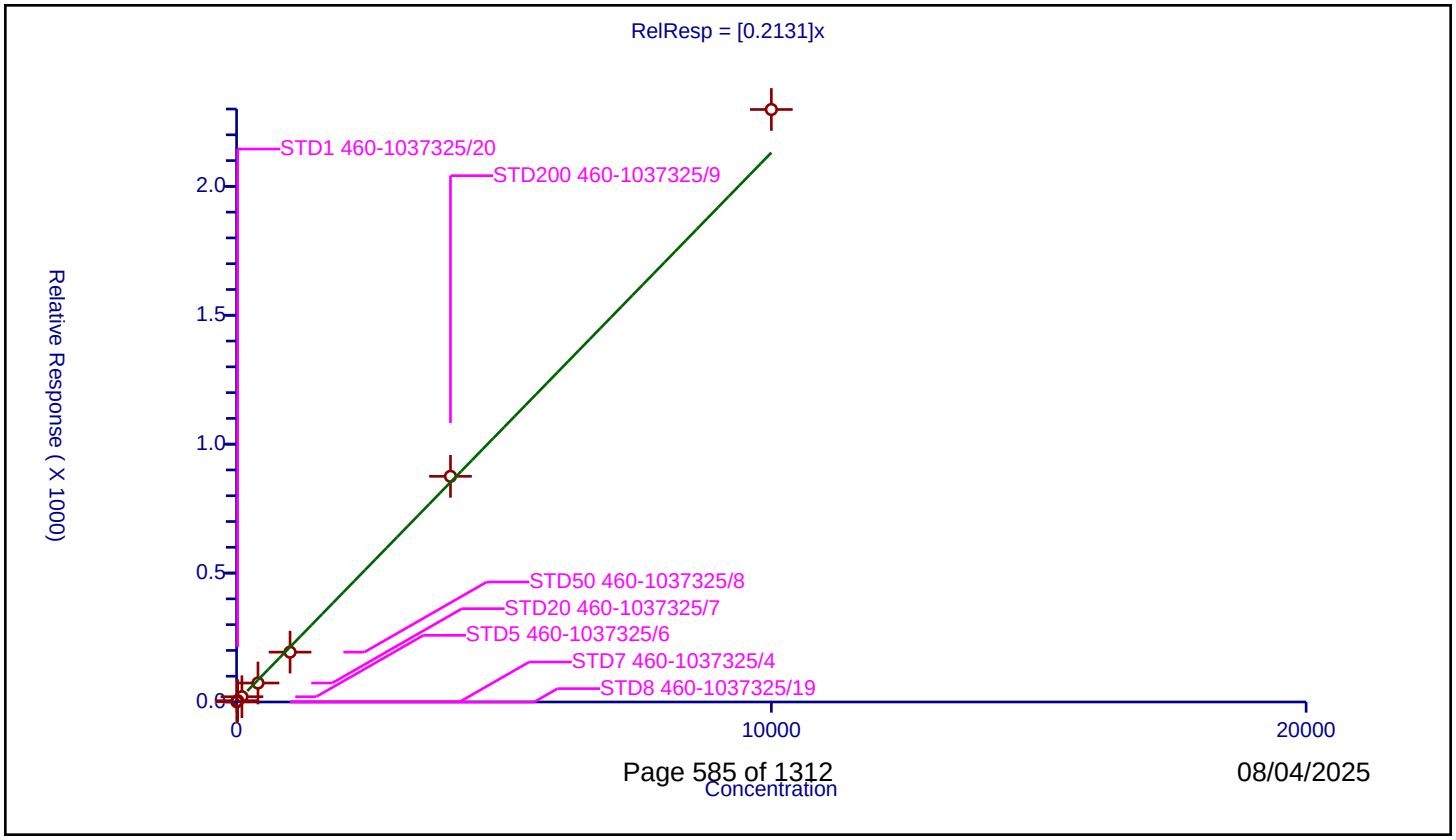
Curve Coefficients

Intercept:	0
Slope:	0.2131

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-1037325/19	4.000007	0.0	250.0	146299.0	0.0	N
2	STD7 460-1037325/4	5.000009	1.040765	250.0	135237.0	0.208153	Y
3	STD1 460-1037325/20	20.000035	5.069264	250.0	140405.0	0.253463	Y
4	STD5 460-1037325/6	100.000173	20.40196	250.0	136531.0	0.204019	Y
5	STD20 460-1037325/7	400.000692	73.587516	250.0	138444.0	0.183968	Y
6	STD50 460-1037325/8	1000.00173	193.367354	250.0	135602.0	0.193367	Y
7	STD200 460-1037325/9	4000.00692	875.334604	250.0	131125.0	0.218833	Y
8	STD500 460-1037325/10	10000.0173	2298.085978	250.0	140176.0	0.229808	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

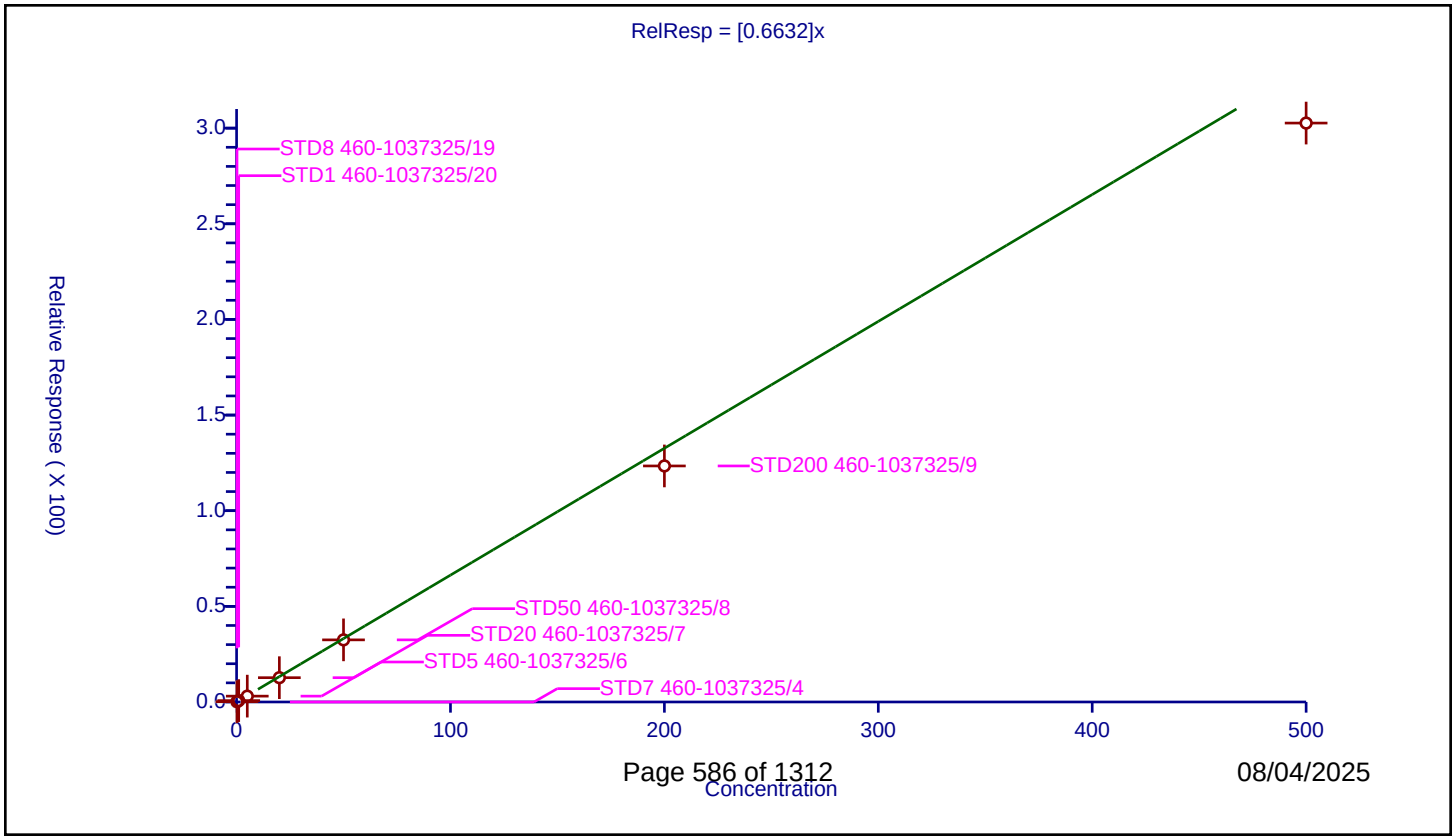
Curve Coefficients

Intercept:	0
Slope:	0.6632

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.161291	50.0	365489.0	0.806454	Y
3	STD1 460-1037325/20	1.0	0.717264	50.0	364092.0	0.717264	Y
4	STD5 460-1037325/6	5.0	3.056638	50.0	356879.0	0.611328	Y
5	STD20 460-1037325/7	20.0	12.709077	50.0	359078.0	0.635454	Y
6	STD50 460-1037325/8	50.0	32.473405	50.0	352316.0	0.649468	Y
7	STD200 460-1037325/9	200.0	123.405382	50.0	360541.0	0.617027	Y
8	STD500 460-1037325/10	500.0	302.654348	50.0	386724.0	0.605309	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

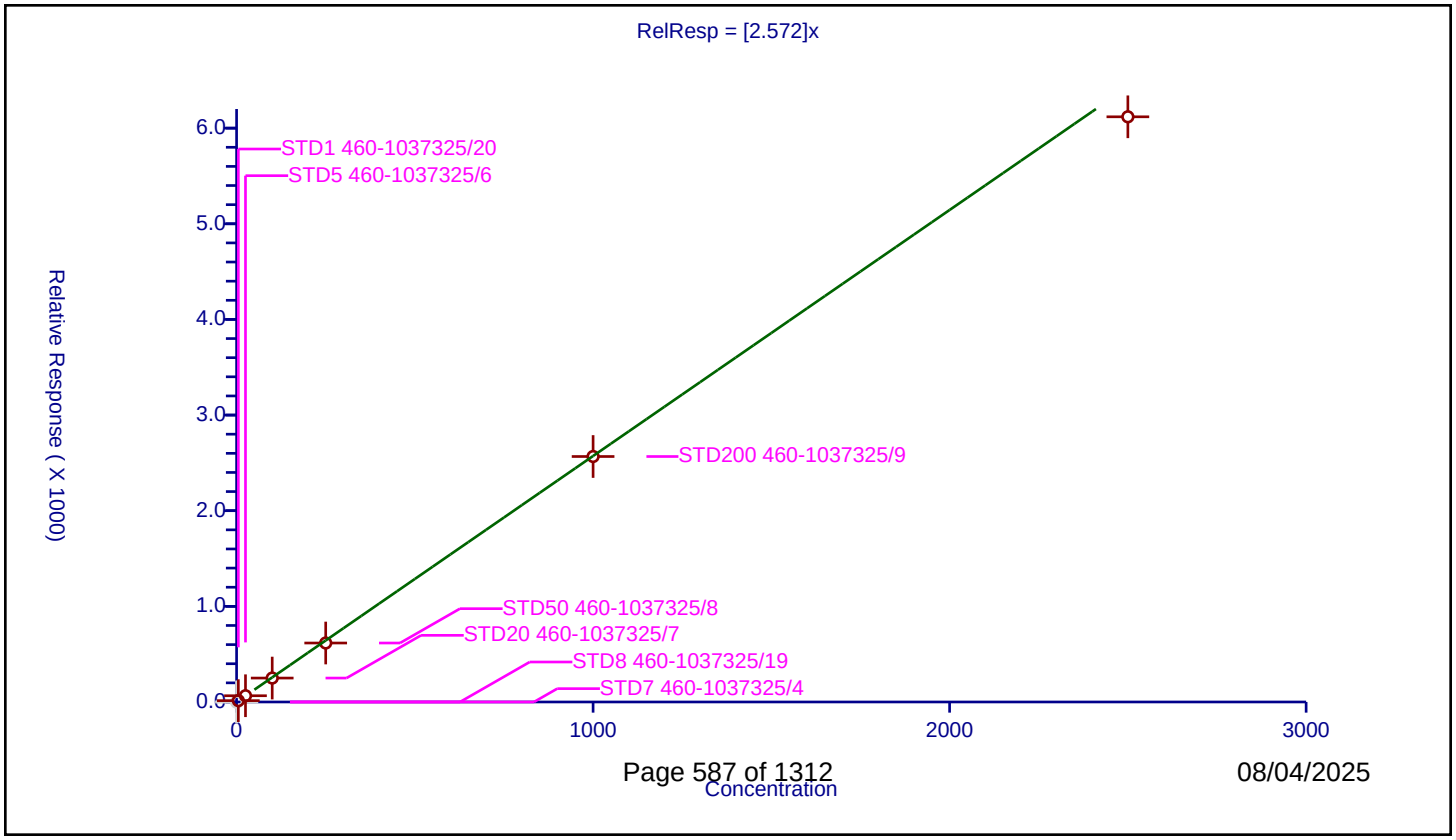
Curve Coefficients

Intercept:	0
Slope:	2.572

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	250.0	135237.0	NaN	N
2	STD8 460-1037325/19	1.0	0.0	250.0	146299.0	0.0	N
3	STD1 460-1037325/20	5.0	14.19109	250.0	140405.0	2.838218	Y
4	STD5 460-1037325/6	25.0	65.294695	250.0	136531.0	2.611788	Y
5	STD20 460-1037325/7	100.0	250.232946	250.0	138444.0	2.502329	Y
6	STD50 460-1037325/8	250.0	616.633604	250.0	135602.0	2.466534	Y
7	STD200 460-1037325/9	1000.0	2566.816015	250.0	131125.0	2.566816	Y
8	STD500 460-1037325/10	2500.0	6118.481409	250.0	140176.0	2.447393	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

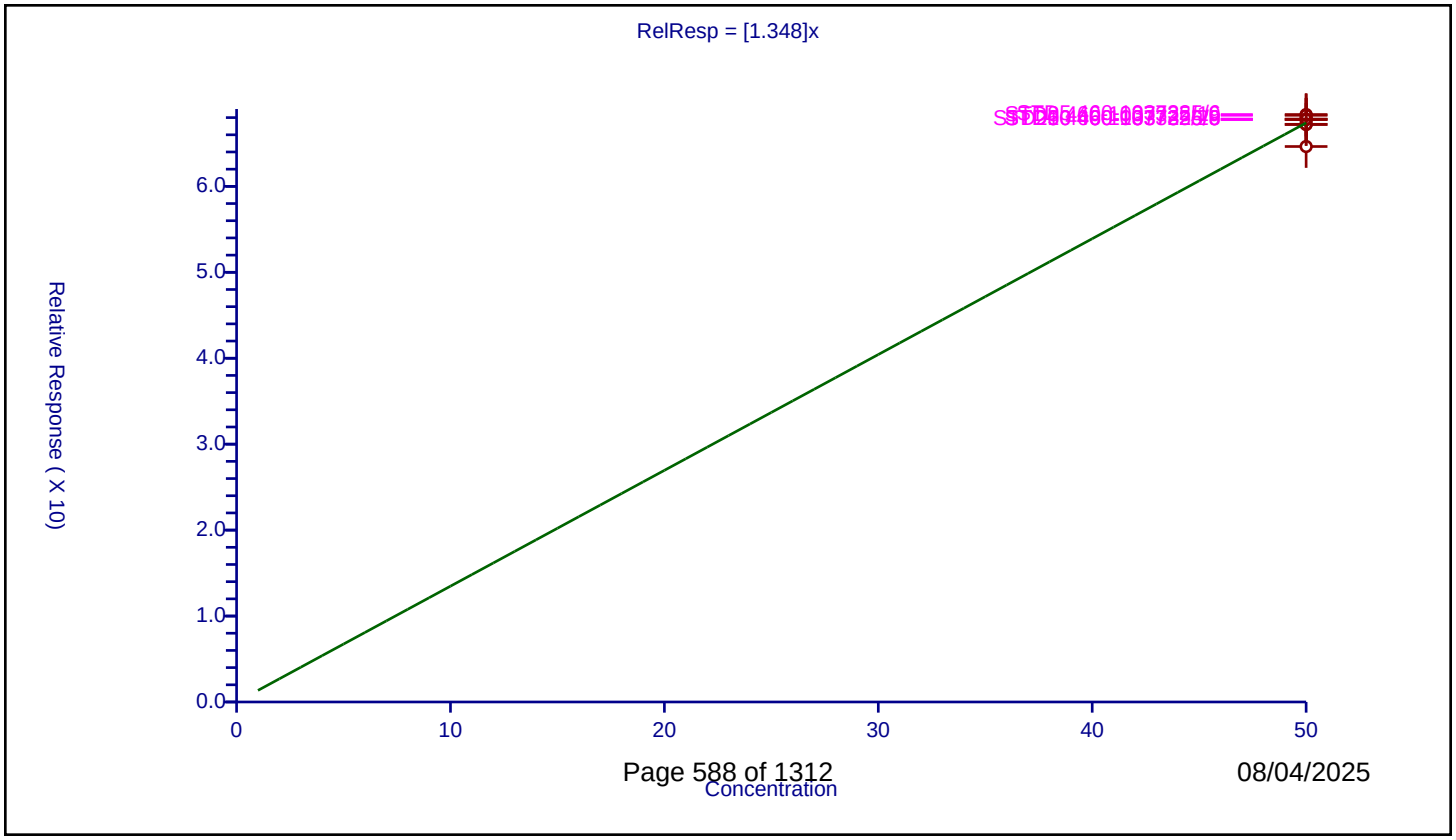
Curve Coefficients

Intercept:	0
Slope:	1.348

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	50.0	67.19827	50.0	363993.0	1.343965	Y
2	STD5 460-1037325/6	50.0	68.356362	50.0	356879.0	1.367127	Y
3	STD20 460-1037325/7	50.0	67.22091	50.0	359078.0	1.344418	Y
4	STD50 460-1037325/8	50.0	67.804329	50.0	352316.0	1.356087	Y
5	STD200 460-1037325/9	50.0	67.76705	50.0	360541.0	1.355341	Y
6	STD500 460-1037325/10	50.0	64.636407	50.0	386724.0	1.292728	Y
7	STD8 460-1037325/19	50.0	68.271138	50.0	365489.0	1.365423	Y
8	STD1 460-1037325/20	50.0	67.825989	50.0	364092.0	1.35652	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

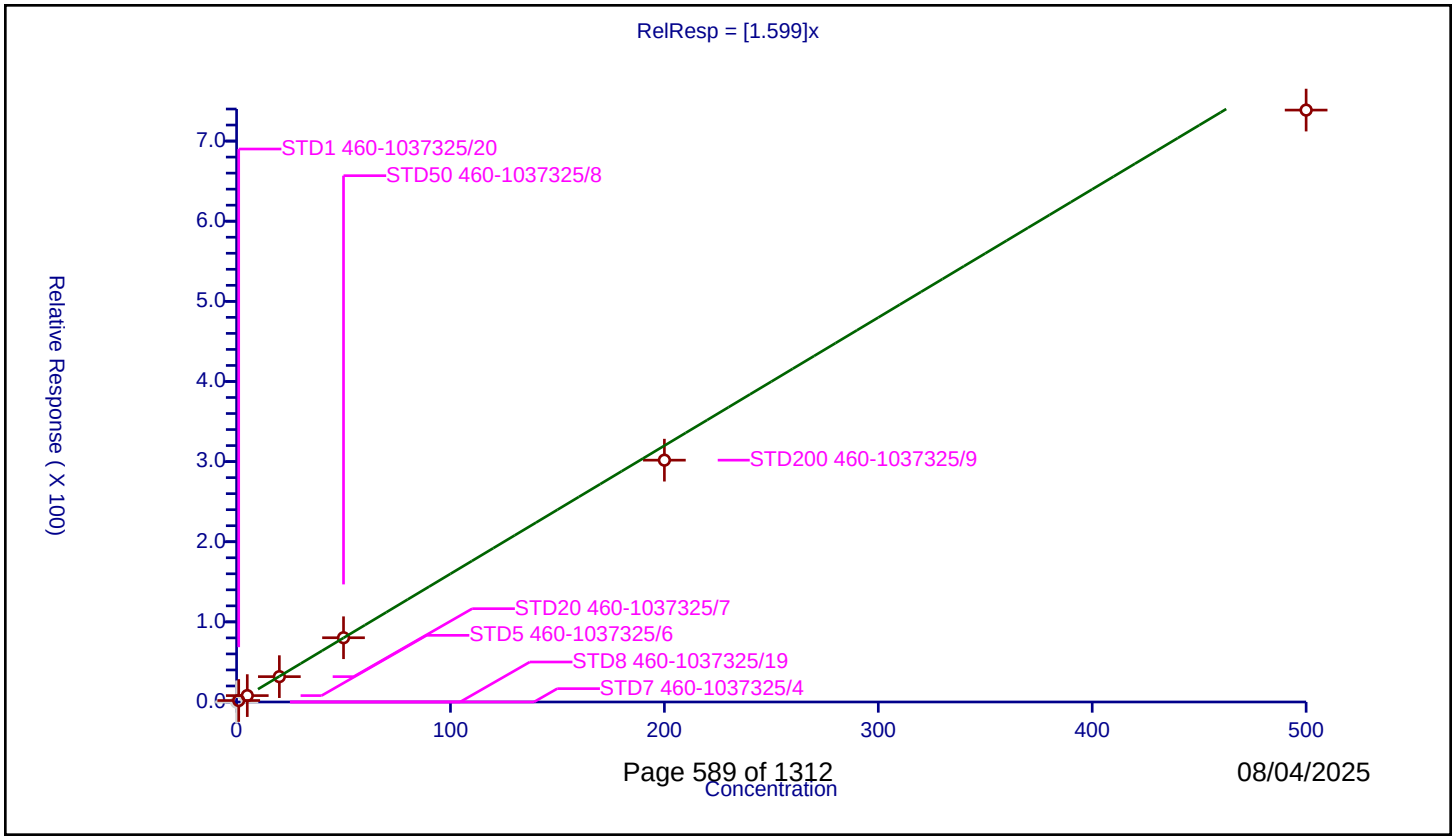
Curve Coefficients

Intercept:	0
Slope:	1.599

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	1.831268	50.0	364092.0	1.831268	Y
4	STD5 460-1037325/6	5.0	7.973151	50.0	356879.0	1.59463	Y
5	STD20 460-1037325/7	20.0	31.617643	50.0	359078.0	1.580882	Y
6	STD50 460-1037325/8	50.0	80.184692	50.0	352316.0	1.603694	Y
7	STD200 460-1037325/9	200.0	301.791752	50.0	360541.0	1.508959	Y
8	STD500 460-1037325/10	500.0	738.668663	50.0	386724.0	1.477337	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

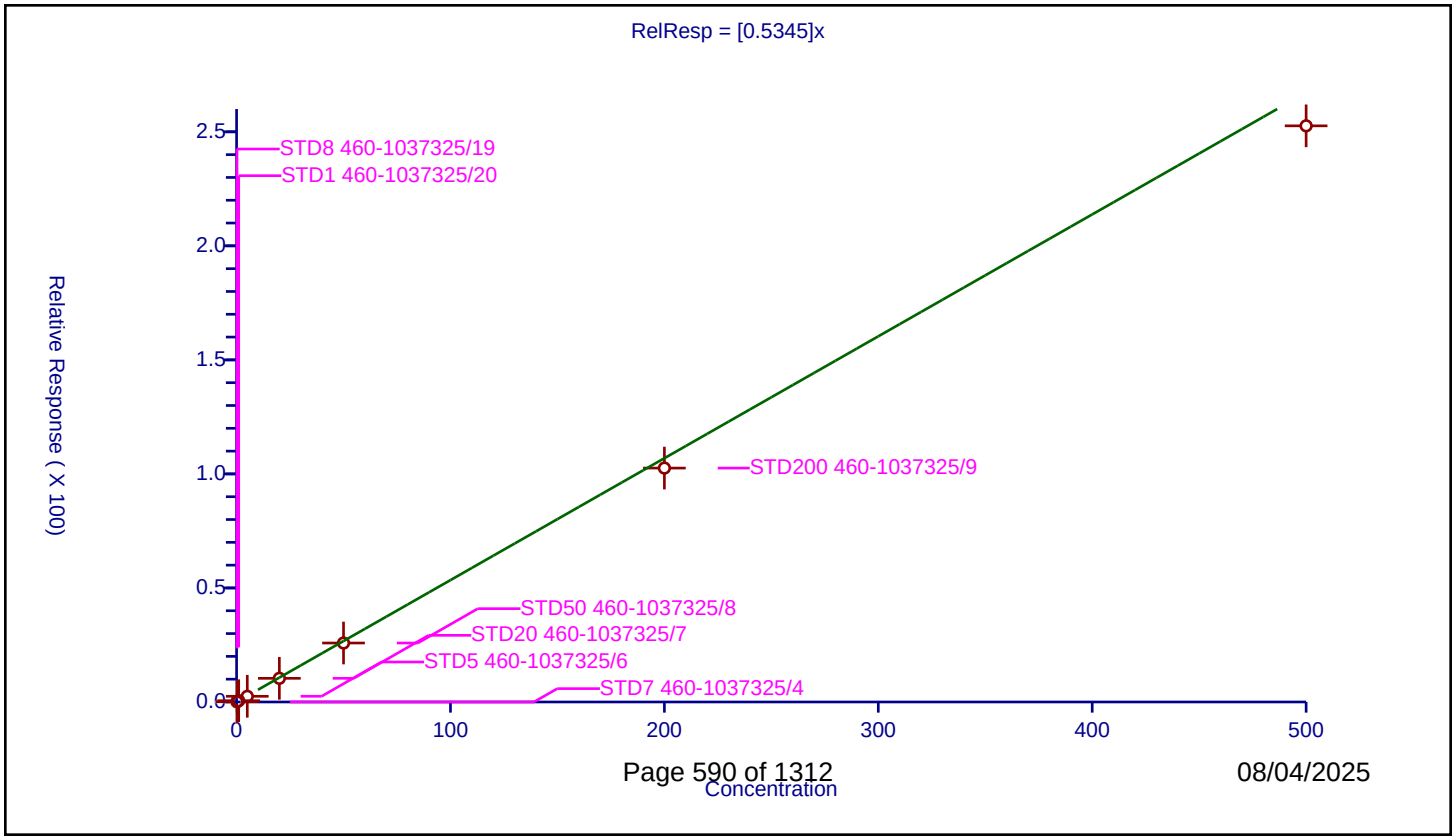
Curve Coefficients

Intercept:	0
Slope:	0.5345

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.127364	50.0	365489.0	0.636818	Y
3	STD1 460-1037325/20	1.0	0.551646	50.0	364092.0	0.551646	Y
4	STD5 460-1037325/6	5.0	2.493002	50.0	356879.0	0.4986	Y
5	STD20 460-1037325/7	20.0	10.378943	50.0	359078.0	0.518947	Y
6	STD50 460-1037325/8	50.0	25.85605	50.0	352316.0	0.517121	Y
7	STD200 460-1037325/9	200.0	102.555188	50.0	360541.0	0.512776	Y
8	STD500 460-1037325/10	500.0	252.623189	50.0	386724.0	0.505246	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

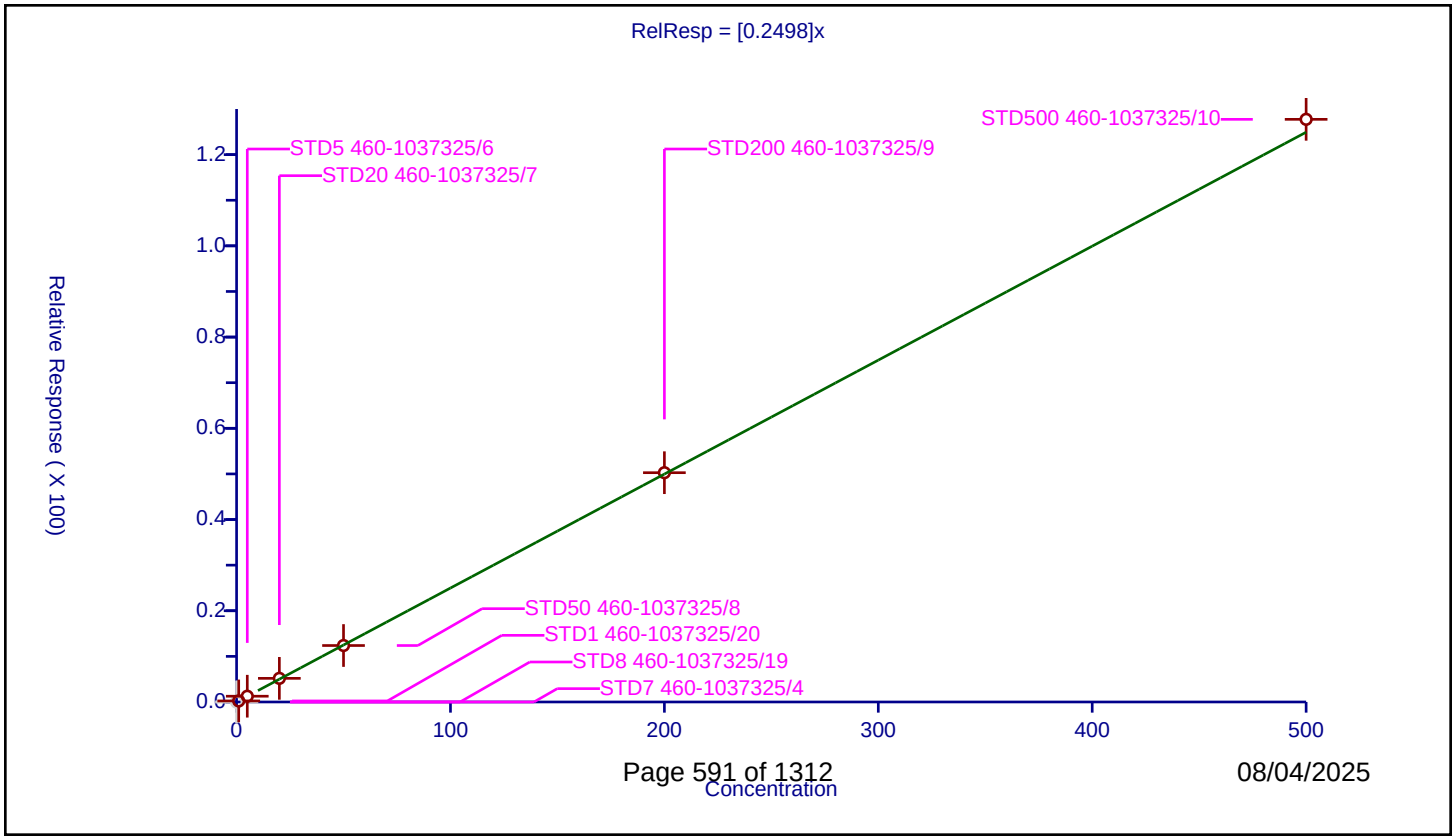
Curve Coefficients

Intercept:	0
Slope:	0.2498

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	517583.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	533651.0	0.0	N
3	STD1 460-1037325/20	1.0	0.232322	50.0	530729.0	0.232322	Y
4	STD5 460-1037325/6	5.0	1.264519	50.0	516323.0	0.252904	Y
5	STD20 460-1037325/7	20.0	5.185307	50.0	511503.0	0.259265	Y
6	STD50 460-1037325/8	50.0	12.381843	50.0	509282.0	0.247637	Y
7	STD200 460-1037325/9	200.0	50.270544	50.0	502322.0	0.251353	Y
8	STD500 460-1037325/10	500.0	127.735123	50.0	511476.0	0.25547	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

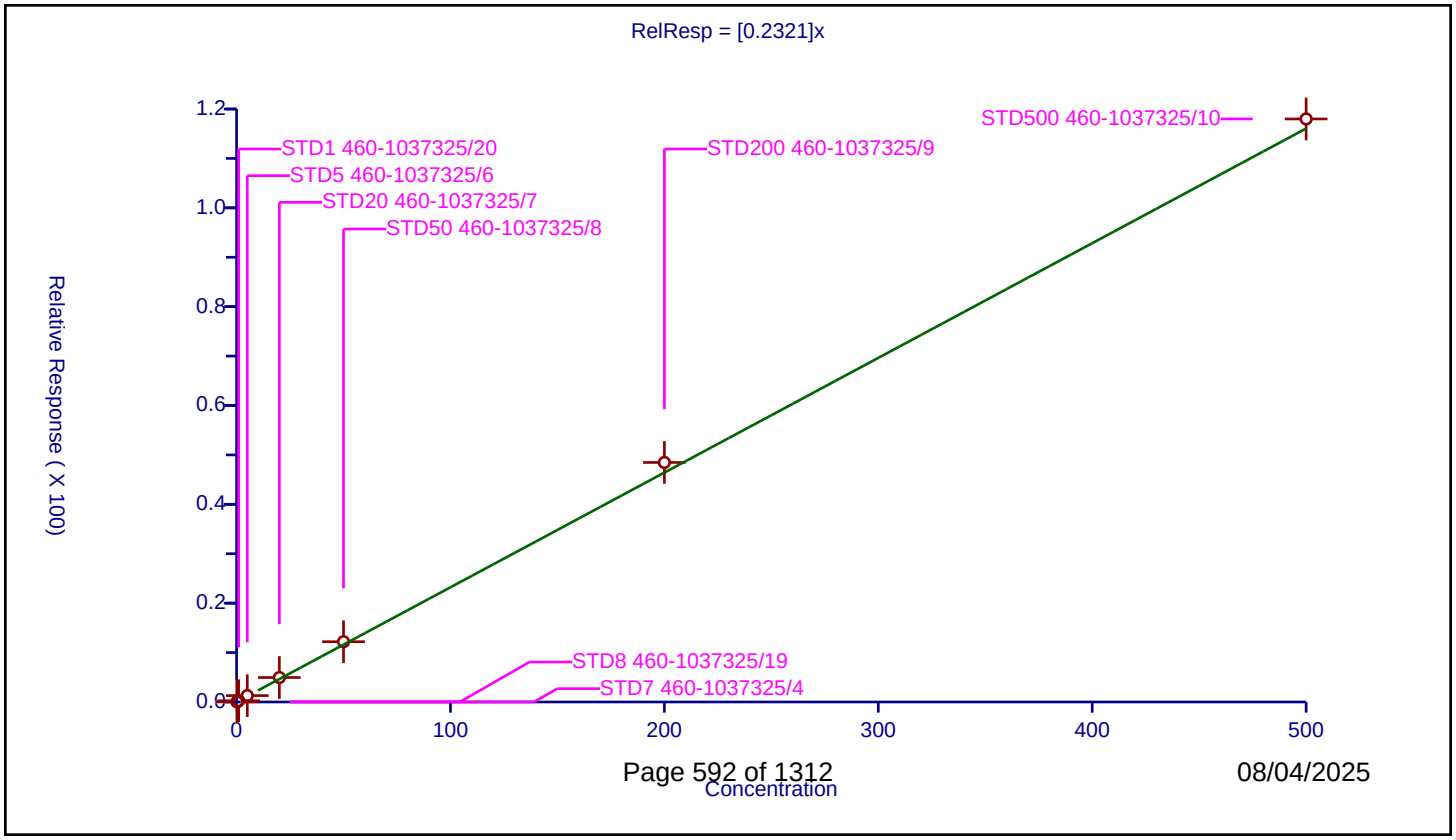
Curve Coefficients

Intercept:	0
Slope:	0.2321

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.029686	50.0	365489.0	0.148431	Y
3	STD1 460-1037325/20	1.0	0.24774	50.0	364092.0	0.24774	Y
4	STD5 460-1037325/6	5.0	1.293436	50.0	356879.0	0.258687	Y
5	STD20 460-1037325/7	20.0	4.952406	50.0	359078.0	0.24762	Y
6	STD50 460-1037325/8	50.0	12.197289	50.0	352316.0	0.243946	Y
7	STD200 460-1037325/9	200.0	48.474931	50.0	360541.0	0.242375	Y
8	STD500 460-1037325/10	500.0	117.988928	50.0	386724.0	0.235978	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

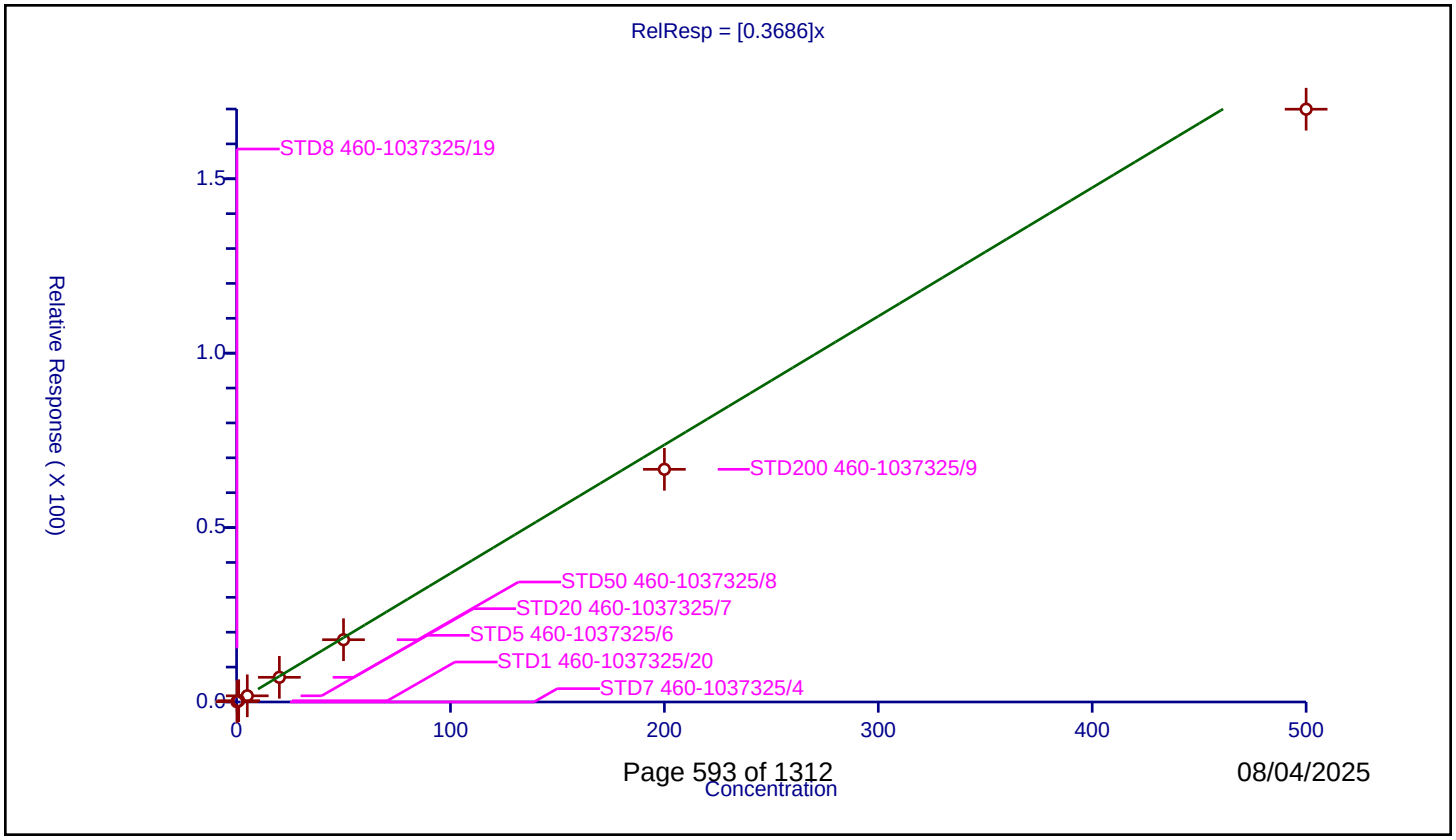
Curve Coefficients

Intercept:	0
Slope:	0.3686

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.095215	50.0	365489.0	0.476075	Y
3	STD1 460-1037325/20	1.0	0.365979	50.0	364092.0	0.365979	Y
4	STD5 460-1037325/6	5.0	1.770208	50.0	356879.0	0.354042	Y
5	STD20 460-1037325/7	20.0	7.07228	50.0	359078.0	0.353614	Y
6	STD50 460-1037325/8	50.0	17.85769	50.0	352316.0	0.357154	Y
7	STD200 460-1037325/9	200.0	66.709195	50.0	360541.0	0.333546	Y
8	STD500 460-1037325/10	500.0	169.948335	50.0	386724.0	0.339897	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

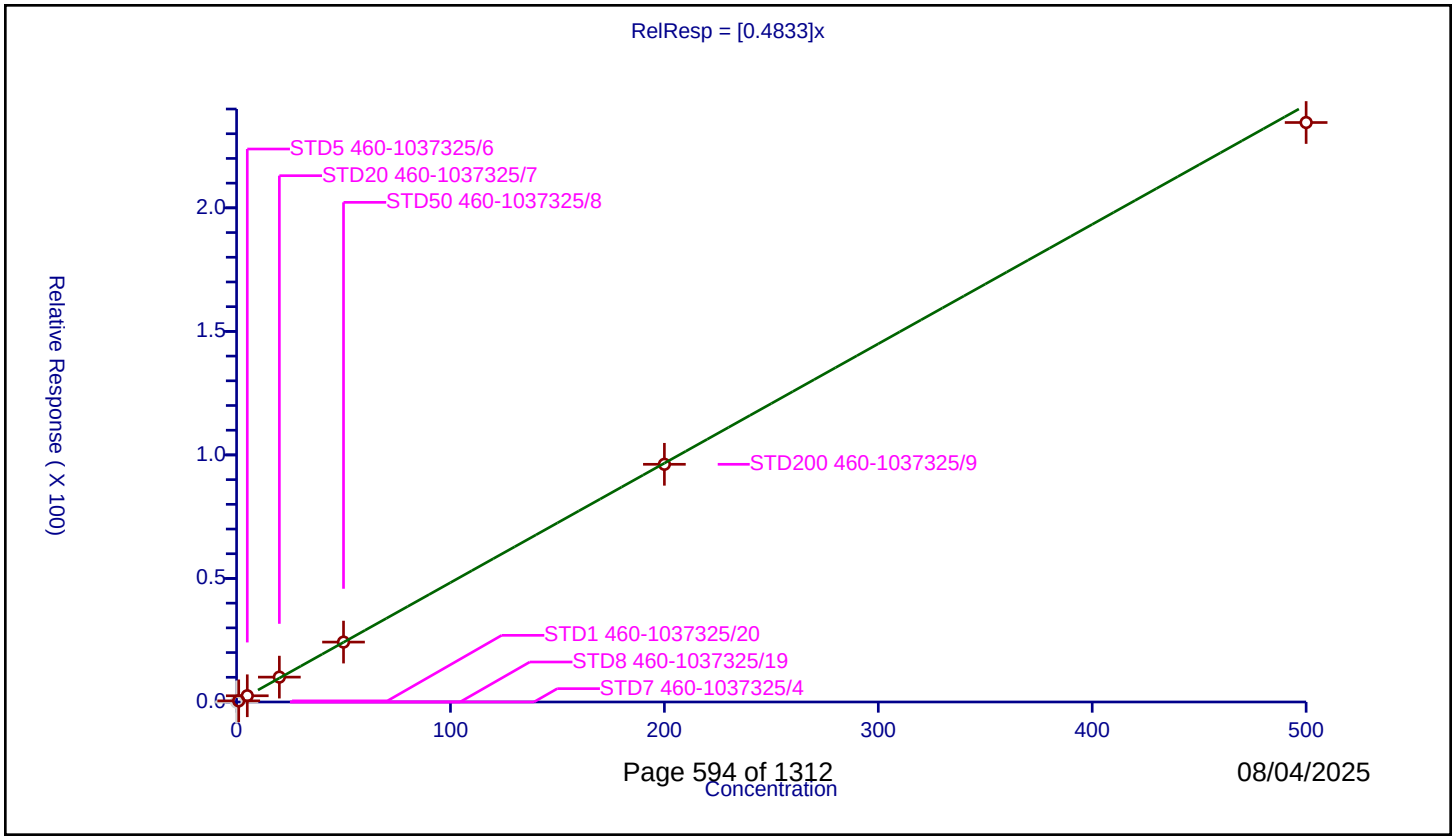
Curve Coefficients

Intercept:	0
Slope:	0.4833

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.456615	50.0	364092.0	0.456615	Y
4	STD5 460-1037325/6	5.0	2.522704	50.0	356879.0	0.504541	Y
5	STD20 460-1037325/7	20.0	10.068008	50.0	359078.0	0.5034	Y
6	STD50 460-1037325/8	50.0	24.24897	50.0	352316.0	0.484979	Y
7	STD200 460-1037325/9	200.0	96.200293	50.0	360541.0	0.481001	Y
8	STD500 460-1037325/10	500.0	234.535353	50.0	386724.0	0.469071	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

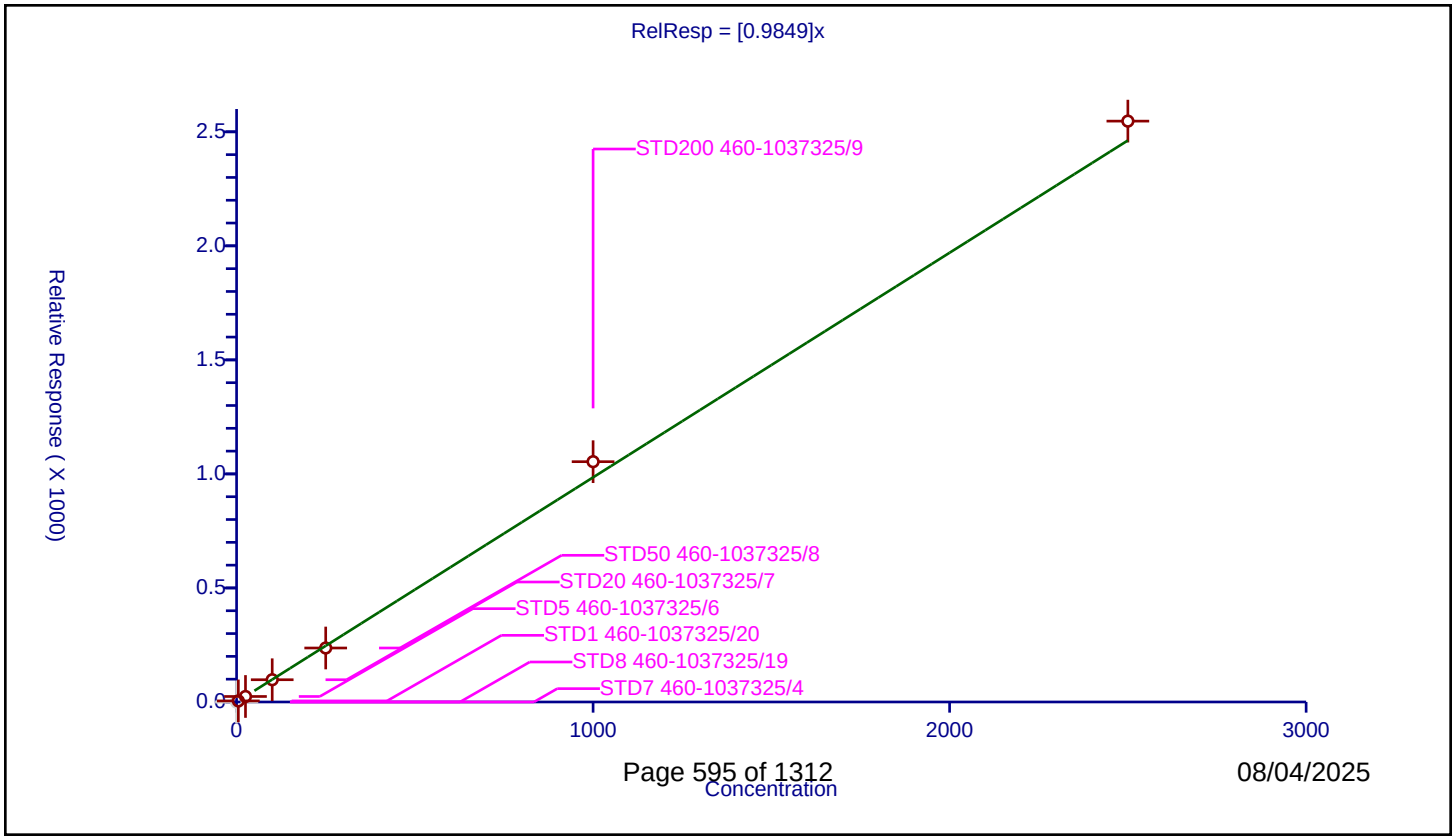
Curve Coefficients

Intercept:	0
Slope:	0.9849

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	250.0	135237.0	NaN	N
2	STD8 460-1037325/19	1.0	0.0	250.0	146299.0	0.0	N
3	STD1 460-1037325/20	5.0	4.738079	250.0	140405.0	0.947616	Y
4	STD5 460-1037325/6	25.0	24.155686	250.0	136531.0	0.966227	Y
5	STD20 460-1037325/7	100.0	97.59	250.0	138444.0	0.9759	Y
6	STD50 460-1037325/8	250.0	236.747983	250.0	135602.0	0.946992	Y
7	STD200 460-1037325/9	1000.0	1053.681602	250.0	131125.0	1.053682	Y
8	STD500 460-1037325/10	2500.0	2546.960607	250.0	140176.0	1.018784	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

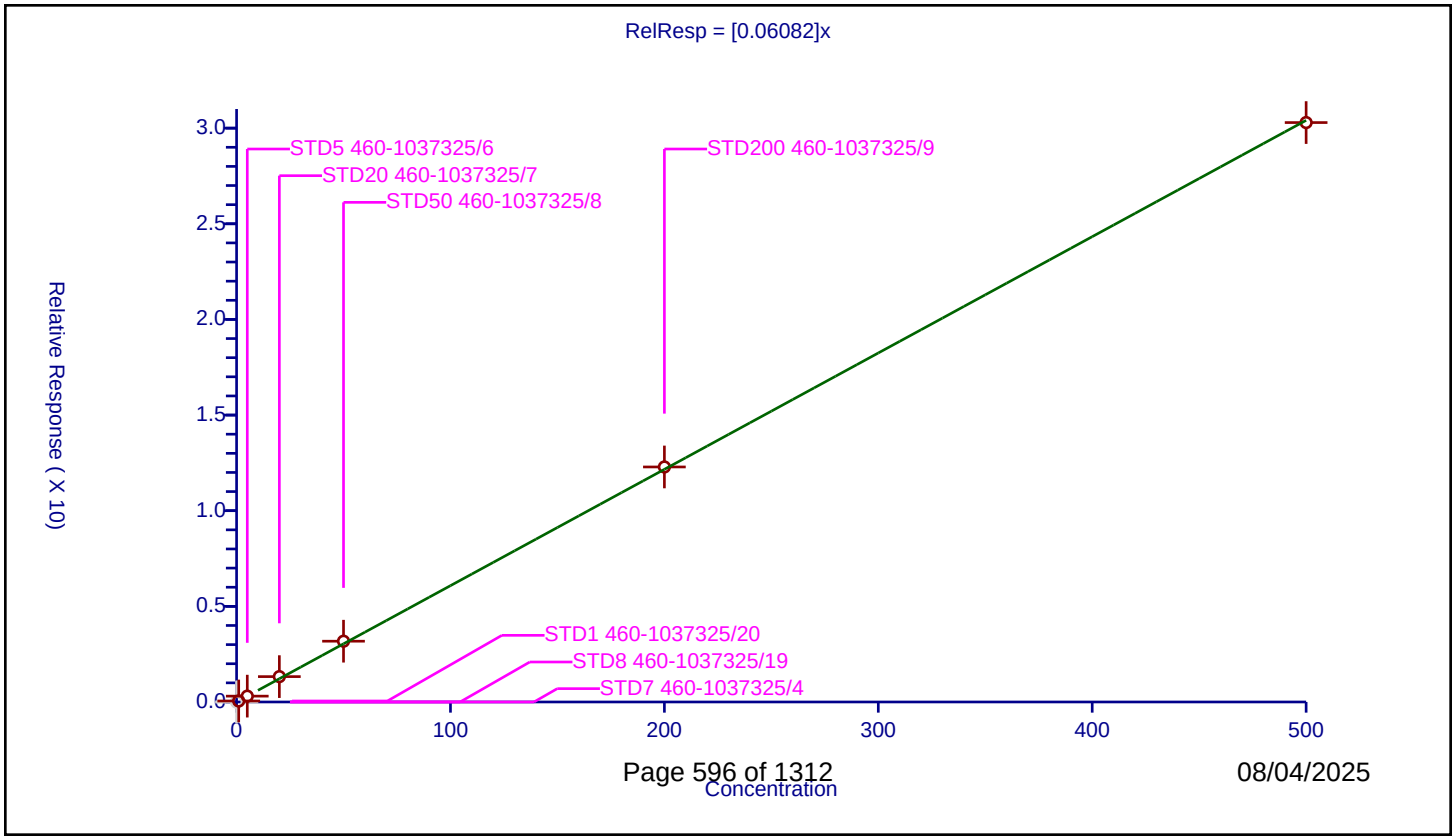
Curve Coefficients

Intercept:	0
Slope:	0.06082

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.05191	50.0	364092.0	0.05191	Y
4	STD5 460-1037325/6	5.0	0.305566	50.0	356879.0	0.061113	Y
5	STD20 460-1037325/7	20.0	1.325896	50.0	359078.0	0.066295	Y
6	STD50 460-1037325/8	50.0	3.177829	50.0	352316.0	0.063557	Y
7	STD200 460-1037325/9	200.0	12.287507	50.0	360541.0	0.061438	Y
8	STD500 460-1037325/10	500.0	30.291629	50.0	386724.0	0.060583	Y



Calibration / Chlorodibromomethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

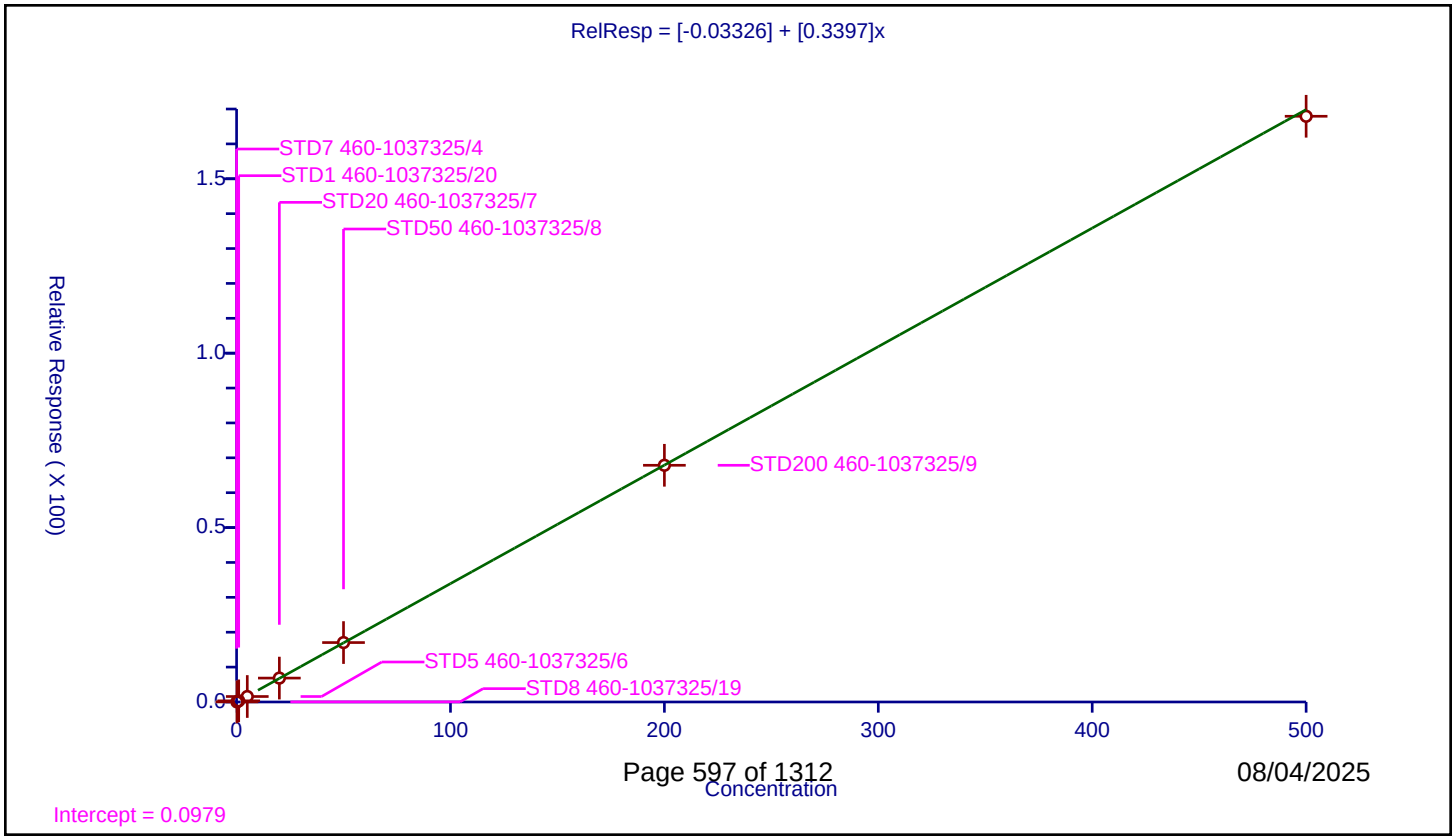
Curve Coefficients

Intercept:	-0.03326
Slope:	0.3397

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.034064	50.0	365489.0	0.17032	Y
3	STD1 460-1037325/20	1.0	0.325467	50.0	364092.0	0.325467	Y
4	STD5 460-1037325/6	5.0	1.573643	50.0	356879.0	0.314729	Y
5	STD20 460-1037325/7	20.0	6.857145	50.0	359078.0	0.342857	Y
6	STD50 460-1037325/8	50.0	17.038823	50.0	352316.0	0.340776	Y
7	STD200 460-1037325/9	200.0	67.862185	50.0	360541.0	0.339311	Y
8	STD500 460-1037325/10	500.0	167.920791	50.0	386724.0	0.335842	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

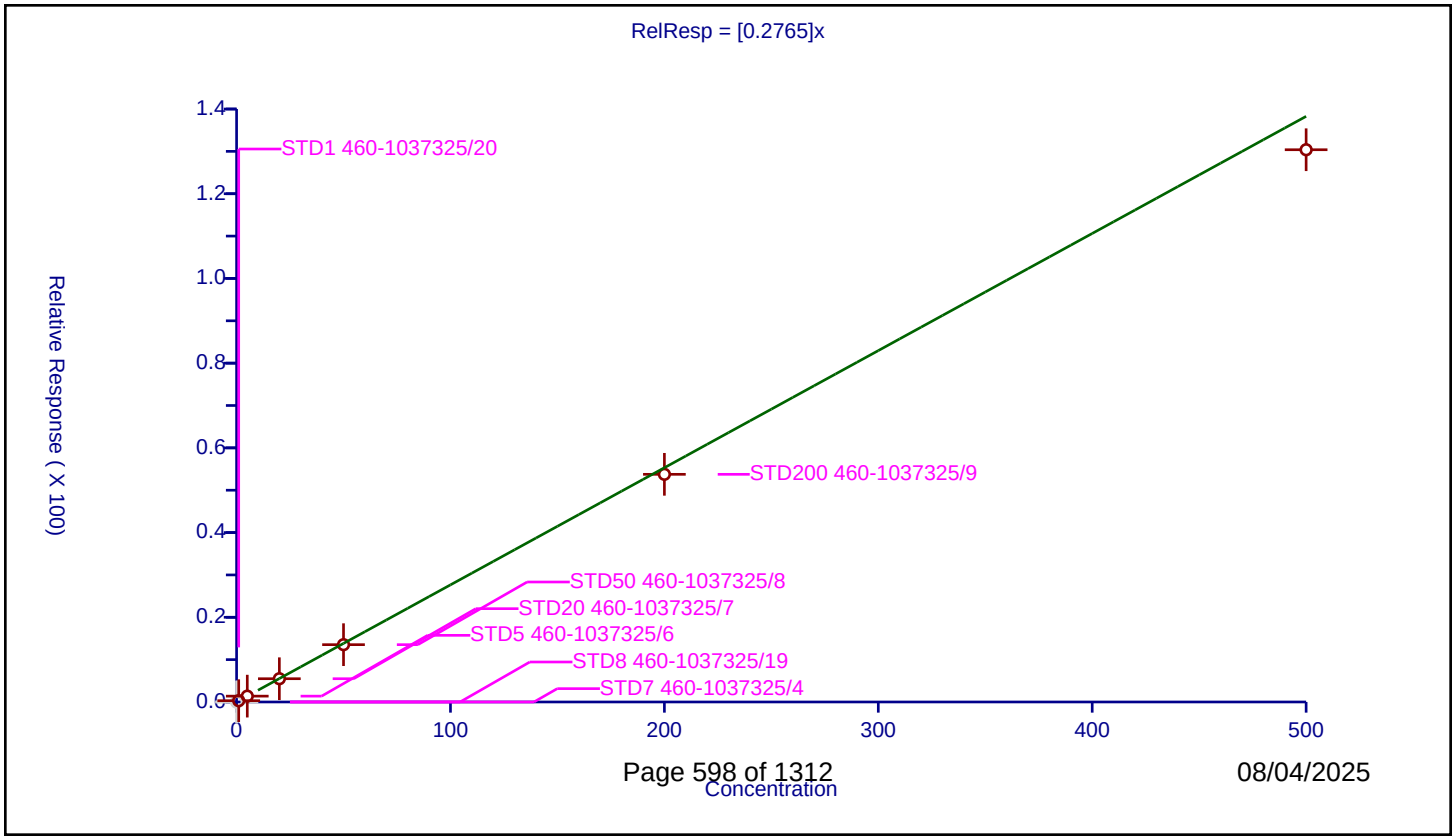
Curve Coefficients

Intercept:	0
Slope:	0.2765

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.308439	50.0	364092.0	0.308439	Y
4	STD5 460-1037325/6	5.0	1.38016	50.0	356879.0	0.276032	Y
5	STD20 460-1037325/7	20.0	5.491843	50.0	359078.0	0.274592	Y
6	STD50 460-1037325/8	50.0	13.532454	50.0	352316.0	0.270649	Y
7	STD200 460-1037325/9	200.0	53.749227	50.0	360541.0	0.268746	Y
8	STD500 460-1037325/10	500.0	130.385624	50.0	386724.0	0.260771	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

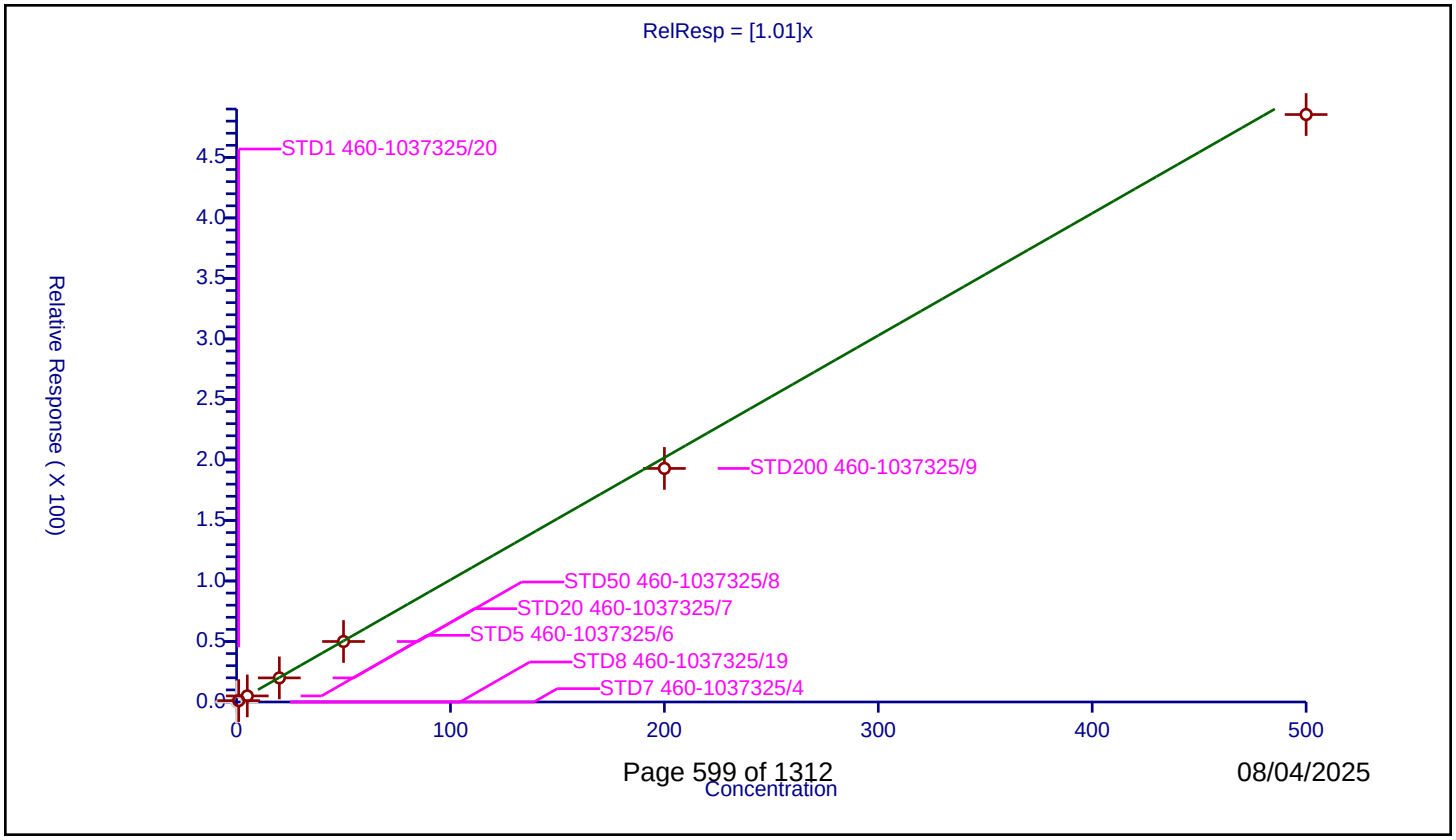
Curve Coefficients

Intercept:	0
Slope:	1.01

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	1.124716	50.0	364092.0	1.124716	Y
4	STD5 460-1037325/6	5.0	5.006179	50.0	356879.0	1.001236	Y
5	STD20 460-1037325/7	20.0	19.91726	50.0	359078.0	0.995863	Y
6	STD50 460-1037325/8	50.0	49.985241	50.0	352316.0	0.999705	Y
7	STD200 460-1037325/9	200.0	192.994001	50.0	360541.0	0.96497	Y
8	STD500 460-1037325/10	500.0	485.442202	50.0	386724.0	0.970884	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

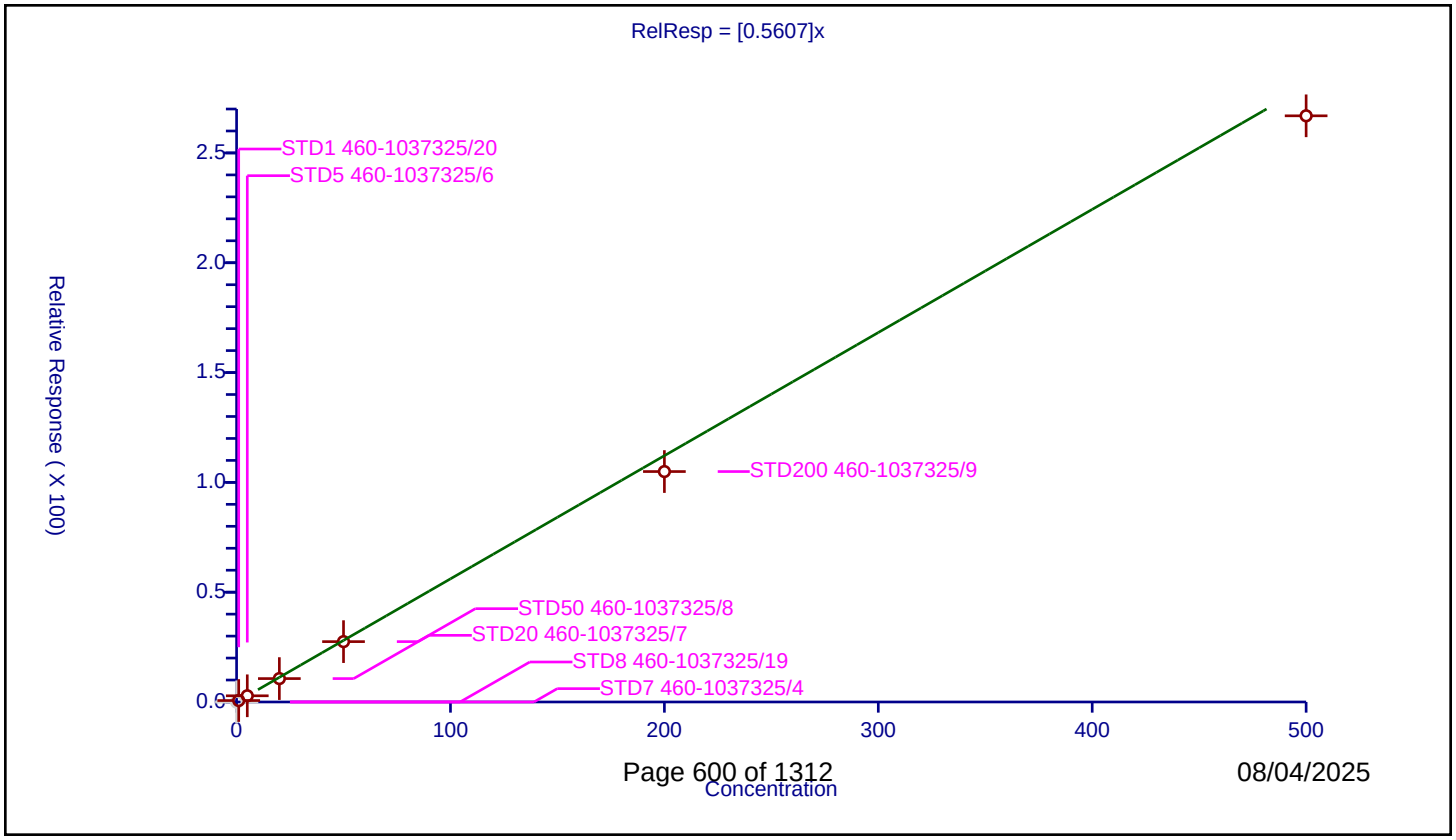
Curve Coefficients

Intercept:	0
Slope:	0.5607

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.65835	50.0	364092.0	0.65835	Y
4	STD5 460-1037325/6	5.0	2.828129	50.0	356879.0	0.565626	Y
5	STD20 460-1037325/7	20.0	10.64894	50.0	359078.0	0.532447	Y
6	STD50 460-1037325/8	50.0	27.478315	50.0	352316.0	0.549566	Y
7	STD200 460-1037325/9	200.0	104.923018	50.0	360541.0	0.524615	Y
8	STD500 460-1037325/10	500.0	266.909605	50.0	386724.0	0.533819	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

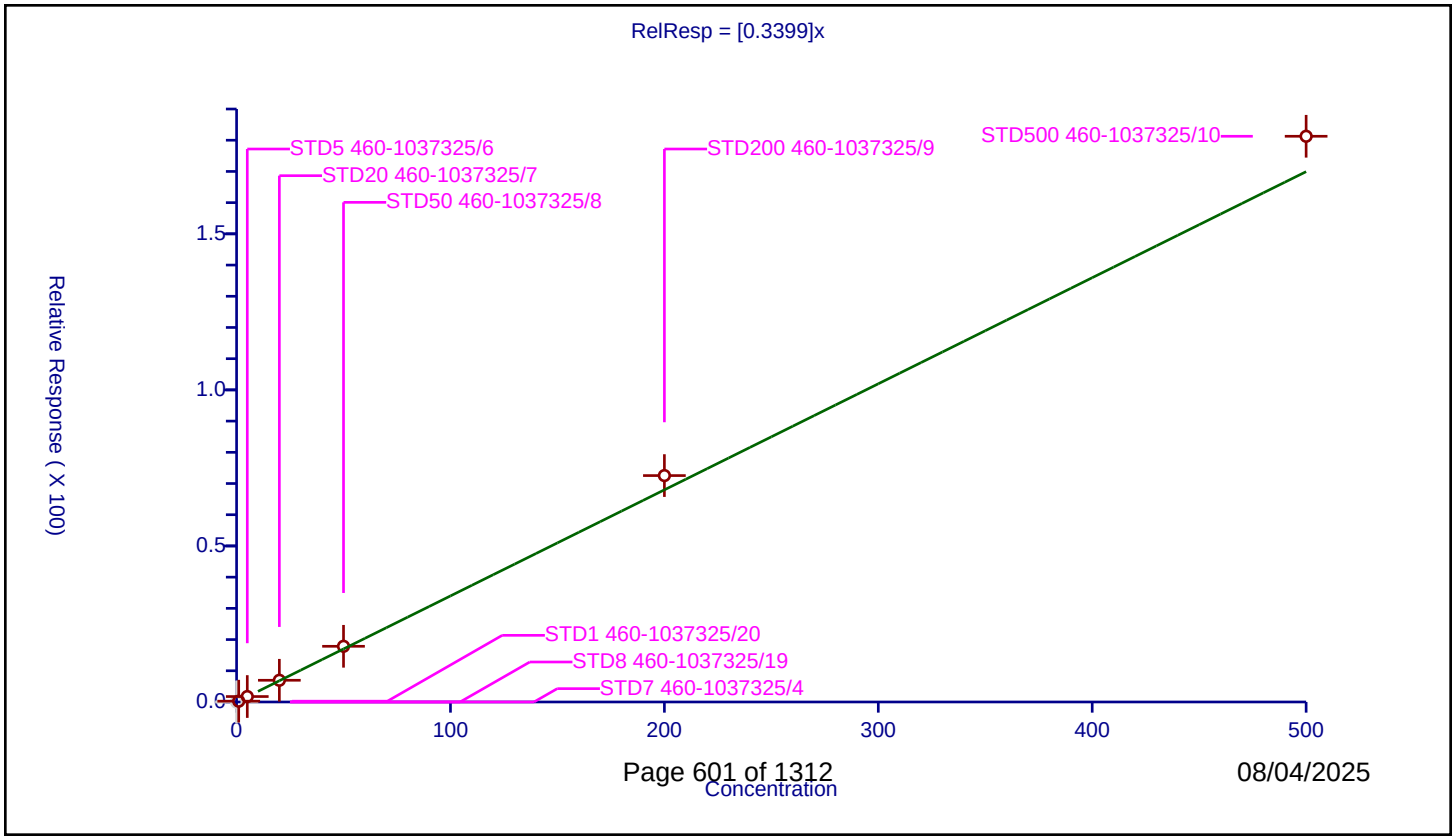
Curve Coefficients

Intercept:	0
Slope:	0.3399

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.259138	50.0	364092.0	0.259138	Y
4	STD5 460-1037325/6	5.0	1.748632	50.0	356879.0	0.349726	Y
5	STD20 460-1037325/7	20.0	6.962833	50.0	359078.0	0.348142	Y
6	STD50 460-1037325/8	50.0	17.843924	50.0	352316.0	0.356878	Y
7	STD200 460-1037325/9	200.0	72.547644	50.0	360541.0	0.362738	Y
8	STD500 460-1037325/10	500.0	181.268165	50.0	386724.0	0.362536	Y



08/04/2025

Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

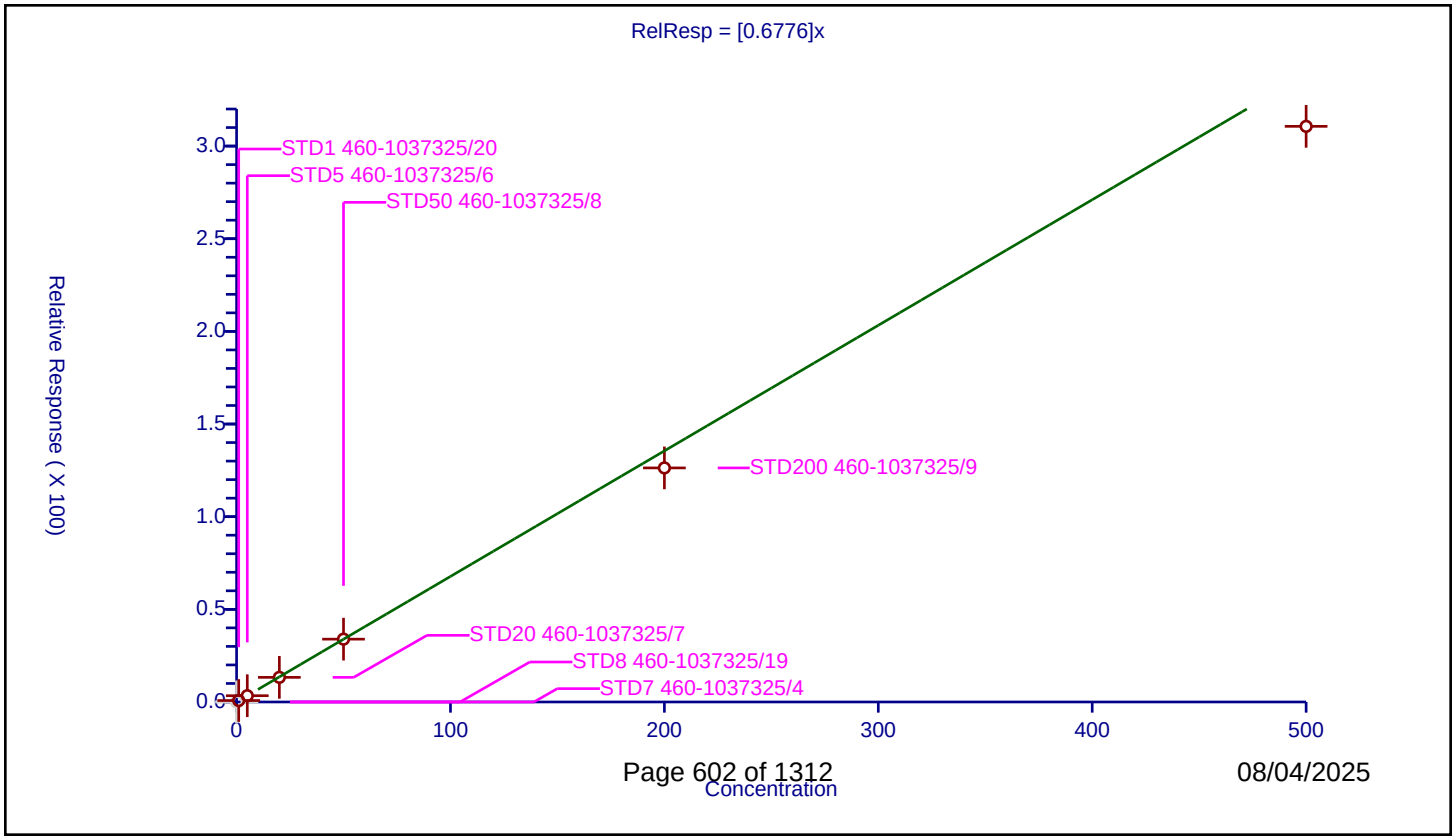
Curve Coefficients

Intercept:	0
Slope:	0.6776

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.790734	50.0	364092.0	0.790734	Y
4	STD5 460-1037325/6	5.0	3.393587	50.0	356879.0	0.678717	Y
5	STD20 460-1037325/7	20.0	13.294744	50.0	359078.0	0.664737	Y
6	STD50 460-1037325/8	50.0	33.916285	50.0	352316.0	0.678326	Y
7	STD200 460-1037325/9	200.0	126.320308	50.0	360541.0	0.631602	Y
8	STD500 460-1037325/10	500.0	310.652688	50.0	386724.0	0.621305	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

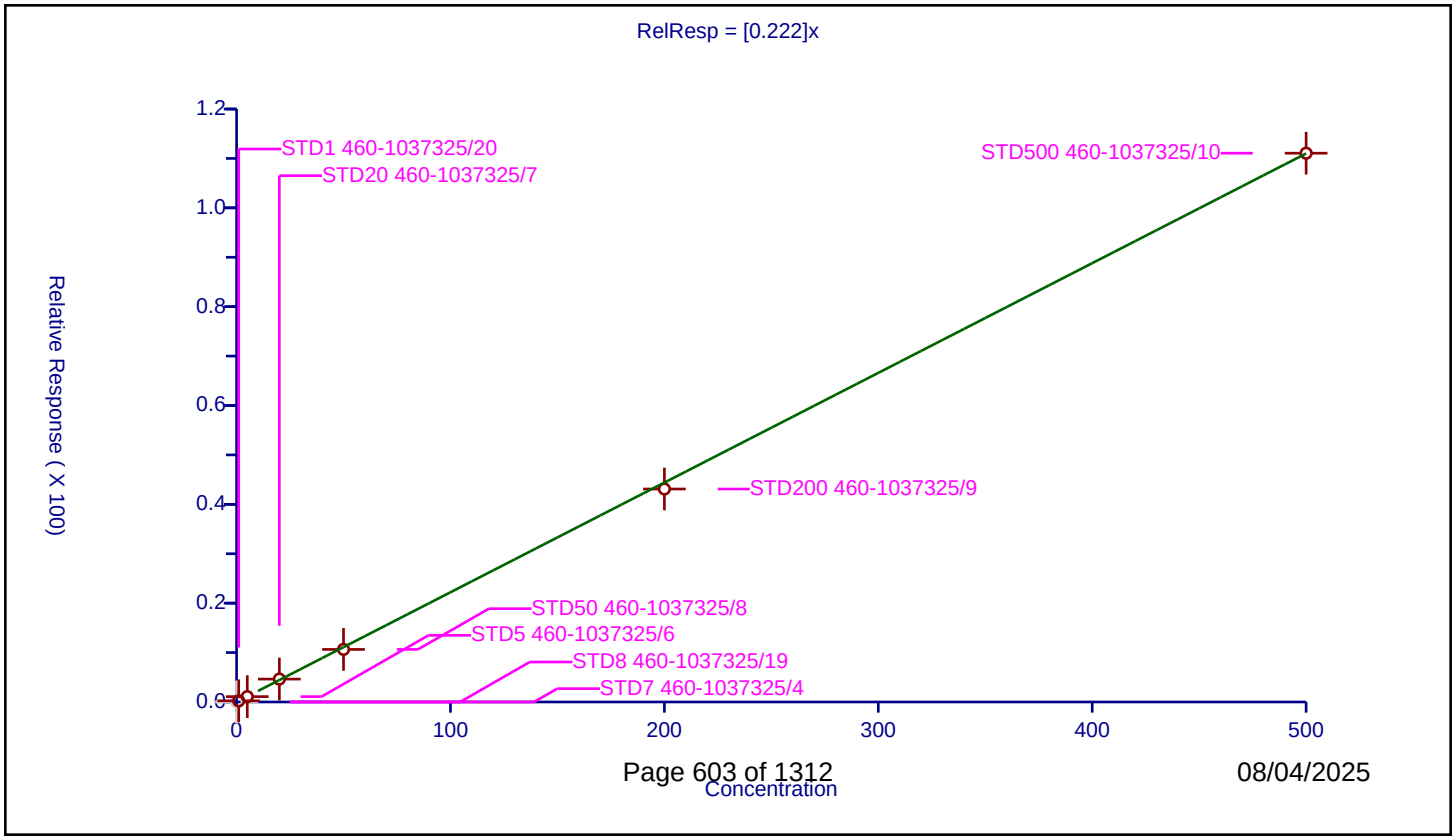
Curve Coefficients

Intercept:	0
Slope:	0.222

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.232496	50.0	364092.0	0.232496	Y
4	STD5 460-1037325/6	5.0	1.086923	50.0	356879.0	0.217385	Y
5	STD20 460-1037325/7	20.0	4.634508	50.0	359078.0	0.231725	Y
6	STD50 460-1037325/8	50.0	10.638461	50.0	352316.0	0.212769	Y
7	STD200 460-1037325/9	200.0	43.101755	50.0	360541.0	0.215509	Y
8	STD500 460-1037325/10	500.0	111.058921	50.0	386724.0	0.222118	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

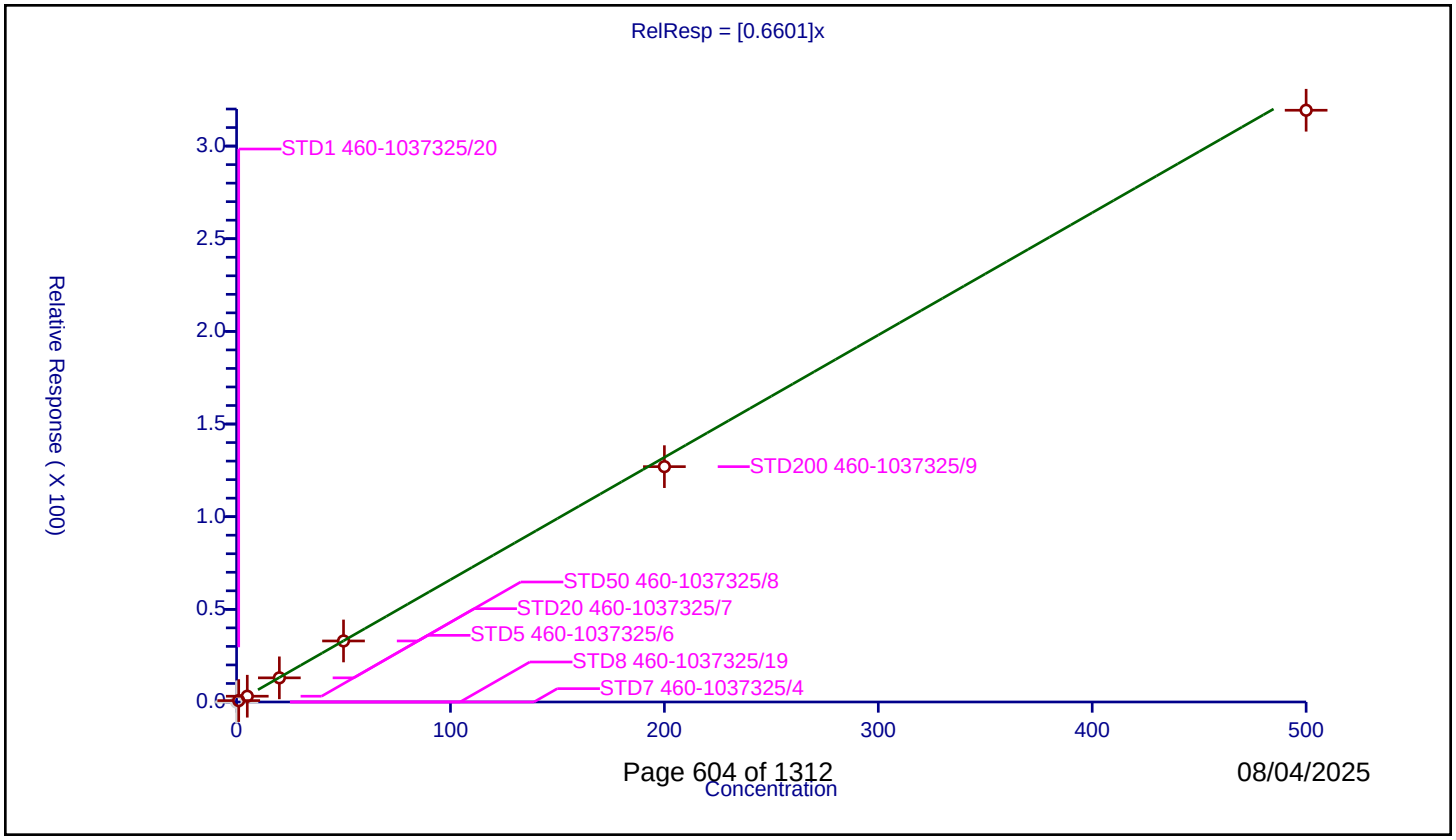
Curve Coefficients

Intercept:	0
Slope:	0.6601

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.753244	50.0	364092.0	0.753244	Y
4	STD5 460-1037325/6	5.0	3.115342	50.0	356879.0	0.623068	Y
5	STD20 460-1037325/7	20.0	13.03714	50.0	359078.0	0.651857	Y
6	STD50 460-1037325/8	50.0	32.934212	50.0	352316.0	0.658684	Y
7	STD200 460-1037325/9	200.0	127.007469	50.0	360541.0	0.635037	Y
8	STD500 460-1037325/10	500.0	319.331746	50.0	386724.0	0.638663	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

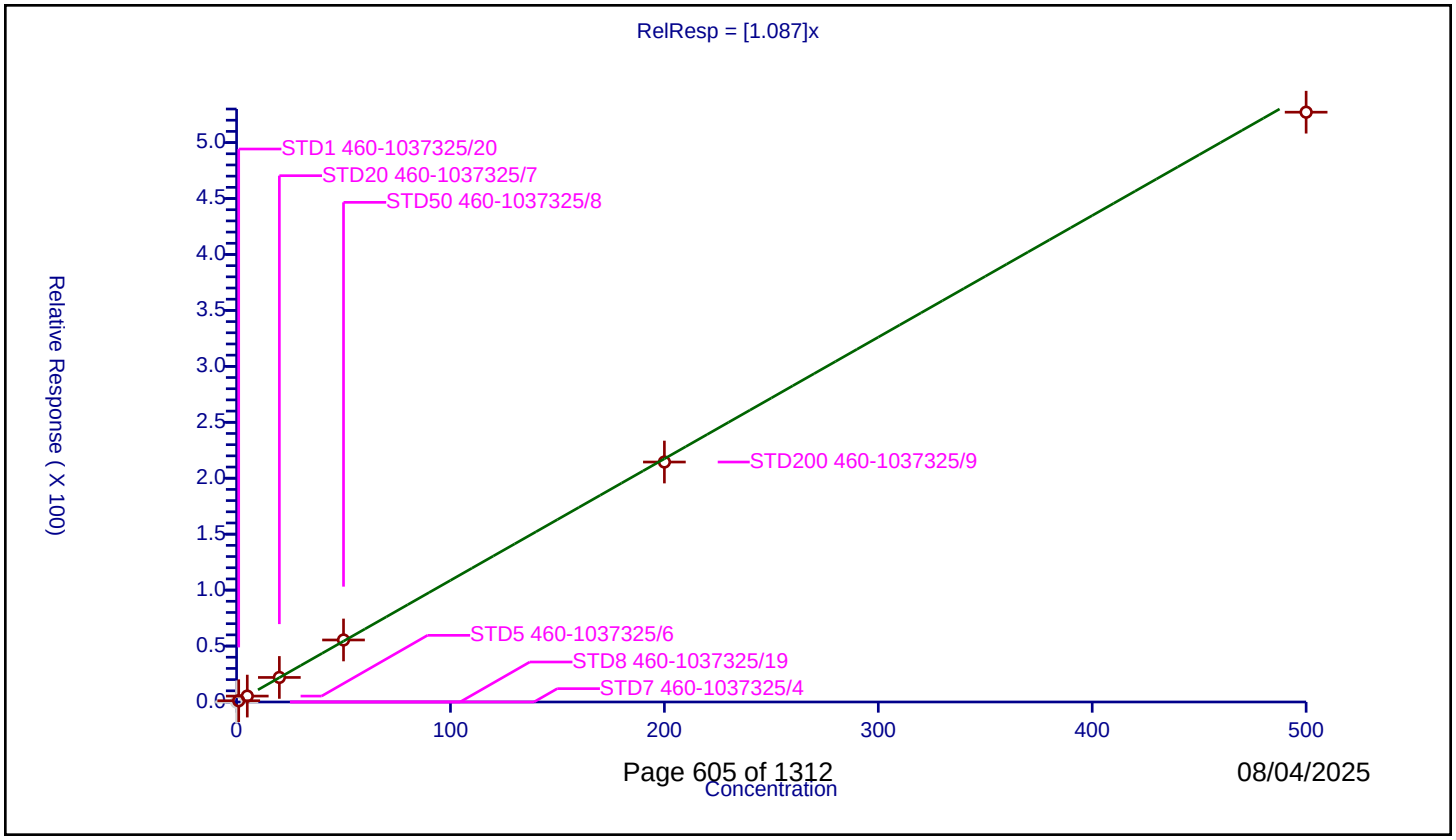
Curve Coefficients

Intercept:	0
Slope:	1.087

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	1.131719	50.0	364092.0	1.131719	Y
4	STD5 460-1037325/6	5.0	5.289048	50.0	356879.0	1.05781	Y
5	STD20 460-1037325/7	20.0	21.940637	50.0	359078.0	1.097032	Y
6	STD50 460-1037325/8	50.0	55.418857	50.0	352316.0	1.108377	Y
7	STD200 460-1037325/9	200.0	214.487673	50.0	360541.0	1.072438	Y
8	STD500 460-1037325/10	500.0	527.174678	50.0	386724.0	1.054349	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

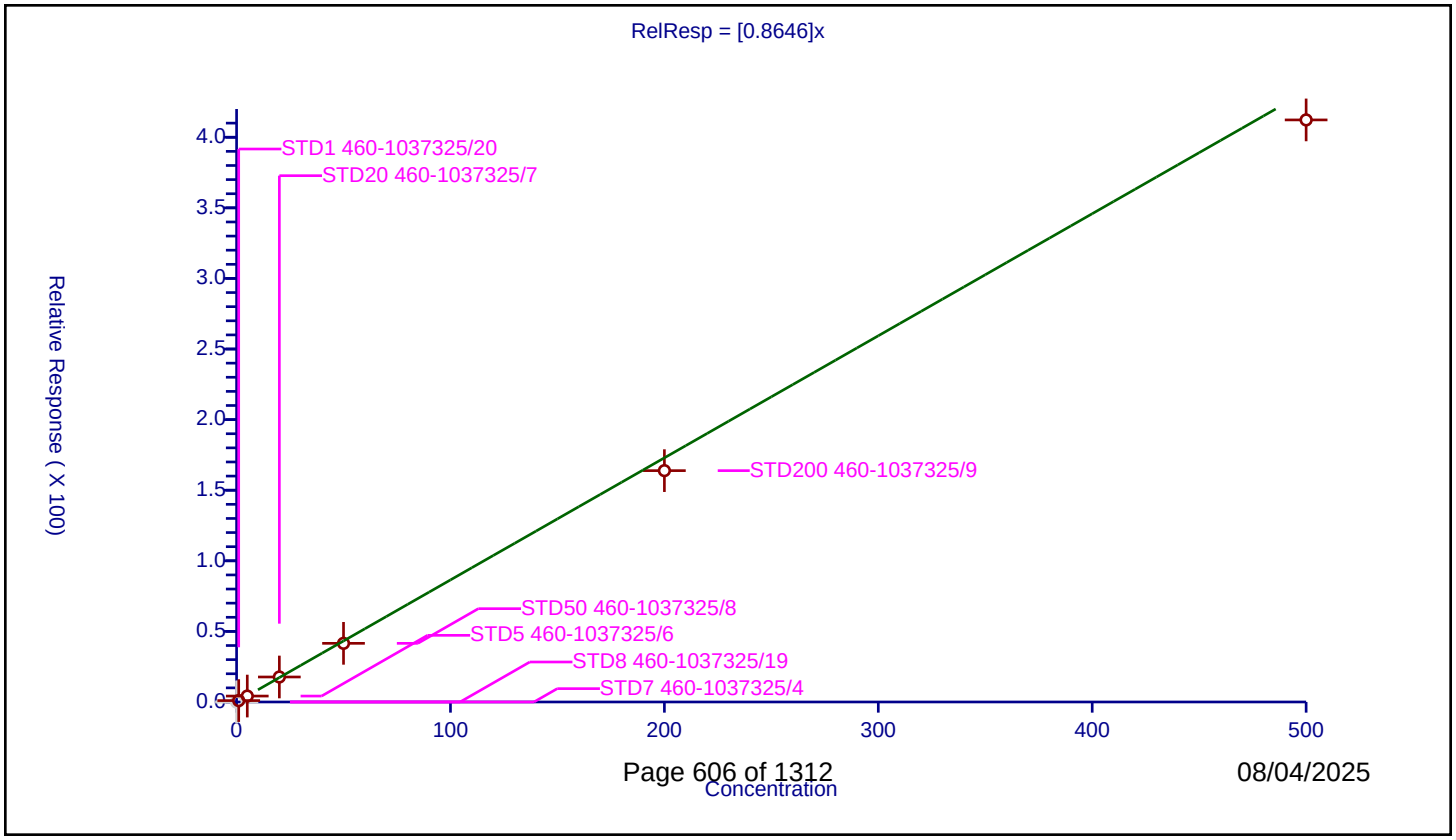
Curve Coefficients

Intercept:	0
Slope:	0.8646

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.988564	50.0	177075.0	0.988564	Y
4	STD5 460-1037325/6	5.0	4.193828	50.0	175186.0	0.838766	Y
5	STD20 460-1037325/7	20.0	17.715612	50.0	175176.0	0.885781	Y
6	STD50 460-1037325/8	50.0	41.534852	50.0	172212.0	0.830697	Y
7	STD200 460-1037325/9	200.0	163.860797	50.0	176505.0	0.819304	Y
8	STD500 460-1037325/10	500.0	412.281061	50.0	185554.0	0.824562	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

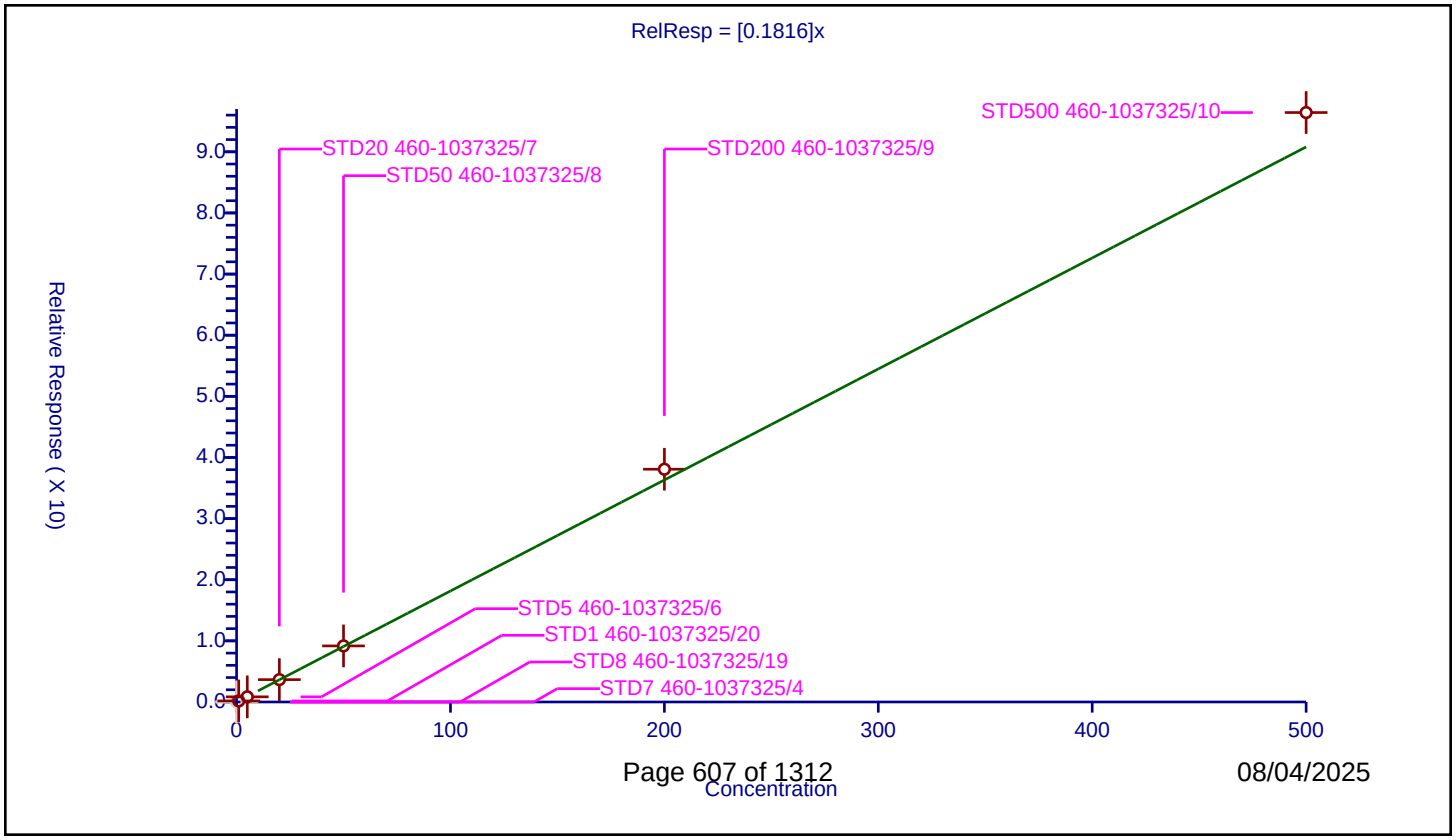
Curve Coefficients

Intercept:	0
Slope:	0.1816

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	0.170973	50.0	364092.0	0.170973	Y
4	STD5 460-1037325/6	5.0	0.845525	50.0	356879.0	0.169105	Y
5	STD20 460-1037325/7	20.0	3.655891	50.0	359078.0	0.182795	Y
6	STD50 460-1037325/8	50.0	9.172589	50.0	352316.0	0.183452	Y
7	STD200 460-1037325/9	200.0	38.074588	50.0	360541.0	0.190373	Y
8	STD500 460-1037325/10	500.0	96.425358	50.0	386724.0	0.192851	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

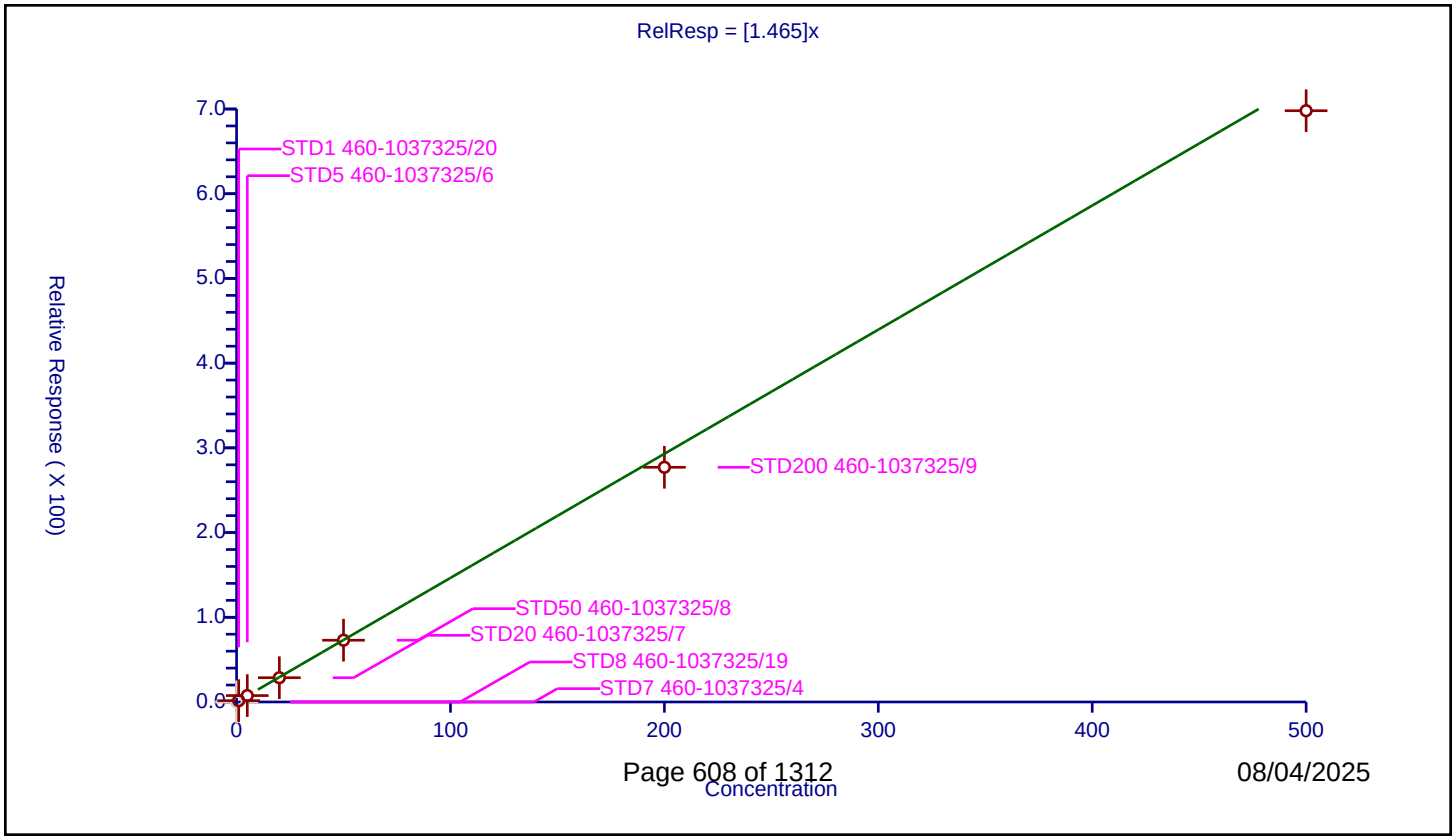
Curve Coefficients

Intercept:	0
Slope:	1.465

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	363993.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	365489.0	0.0	N
3	STD1 460-1037325/20	1.0	1.602068	50.0	364092.0	1.602068	Y
4	STD5 460-1037325/6	5.0	7.574556	50.0	356879.0	1.514911	Y
5	STD20 460-1037325/7	20.0	28.662853	50.0	359078.0	1.433143	Y
6	STD50 460-1037325/8	50.0	72.934525	50.0	352316.0	1.45869	Y
7	STD200 460-1037325/9	200.0	277.059058	50.0	360541.0	1.385295	Y
8	STD500 460-1037325/10	500.0	697.990298	50.0	386724.0	1.395981	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

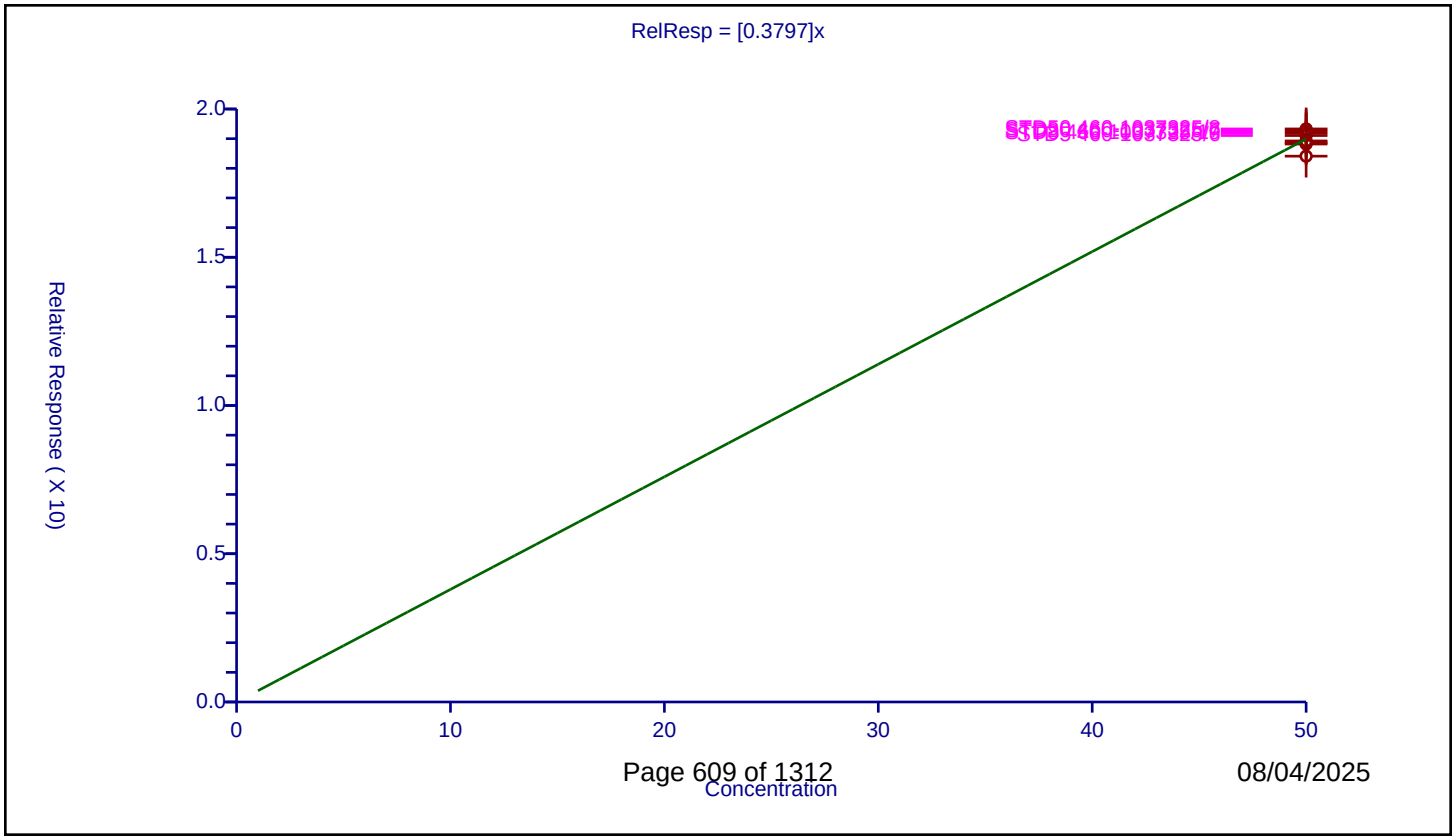
Curve Coefficients

Intercept:	0
Slope:	0.3797

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	50.0	18.410107	50.0	363993.0	0.368202	Y
2	STD5 460-1037325/6	50.0	19.105075	50.0	356879.0	0.382101	Y
3	STD20 460-1037325/7	50.0	19.258768	50.0	359078.0	0.385175	Y
4	STD50 460-1037325/8	50.0	19.328103	50.0	352316.0	0.386562	Y
5	STD200 460-1037325/9	50.0	18.865122	50.0	360541.0	0.377302	Y
6	STD500 460-1037325/10	50.0	18.819365	50.0	386724.0	0.376387	Y
7	STD8 460-1037325/19	50.0	19.181562	50.0	365489.0	0.383631	Y
8	STD1 460-1037325/20	50.0	18.923102	50.0	364092.0	0.378462	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

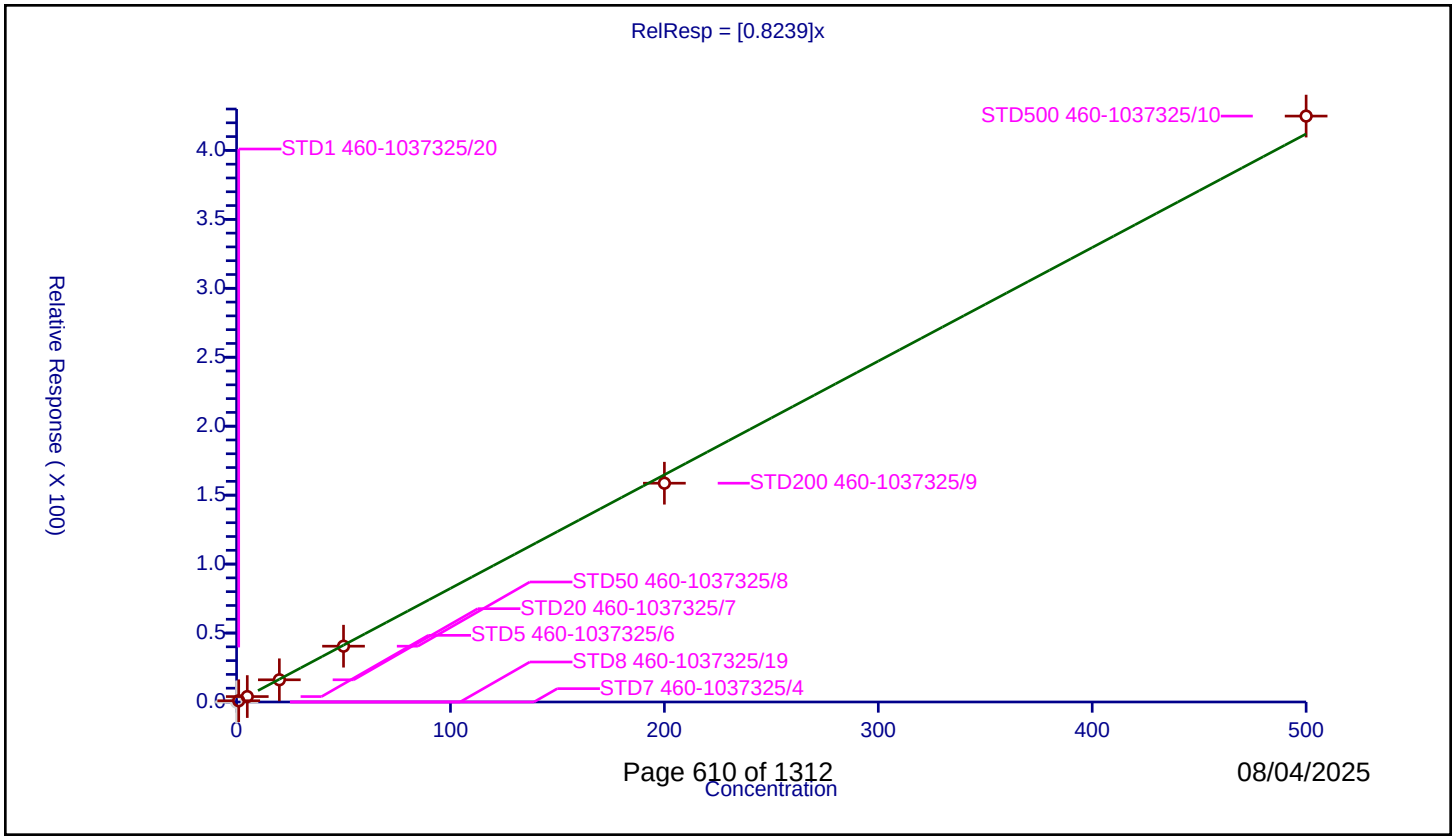
Curve Coefficients

Intercept:	0
Slope:	0.8239

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.898207	50.0	177075.0	0.898207	Y
4	STD5 460-1037325/6	5.0	3.940954	50.0	175186.0	0.788191	Y
5	STD20 460-1037325/7	20.0	16.092958	50.0	175176.0	0.804648	Y
6	STD50 460-1037325/8	50.0	40.470176	50.0	172212.0	0.809404	Y
7	STD200 460-1037325/9	200.0	158.663777	50.0	176505.0	0.793319	Y
8	STD500 460-1037325/10	500.0	424.871466	50.0	185554.0	0.849743	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

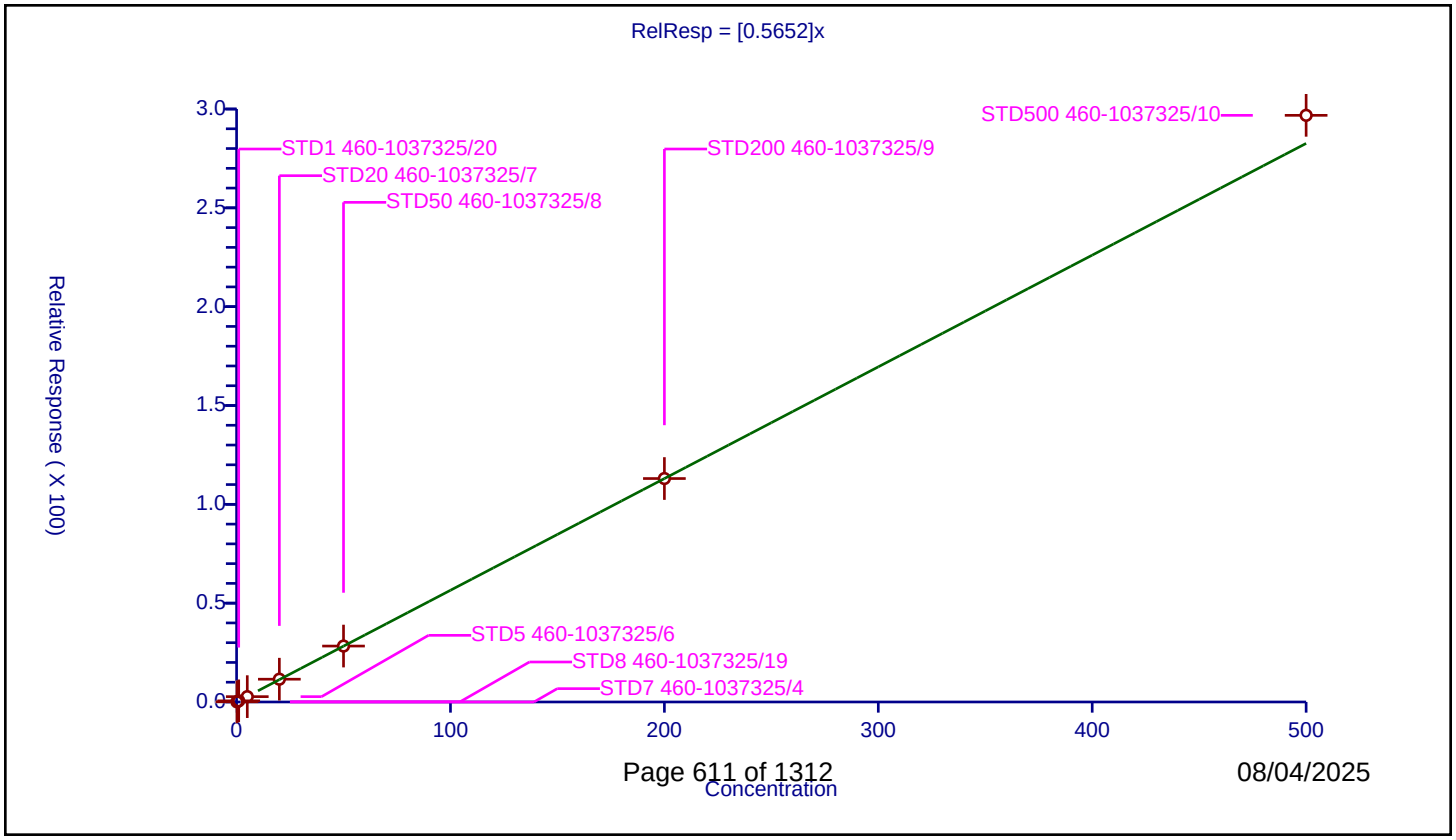
Curve Coefficients

Intercept:	0
Slope:	0.5652

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.107389	50.0	174599.0	0.536945	Y
3	STD1 460-1037325/20	1.0	0.578004	50.0	177075.0	0.578004	Y
4	STD5 460-1037325/6	5.0	2.700558	50.0	175186.0	0.540112	Y
5	STD20 460-1037325/7	20.0	11.529547	50.0	175176.0	0.576477	Y
6	STD50 460-1037325/8	50.0	28.295067	50.0	172212.0	0.565901	Y
7	STD200 460-1037325/9	200.0	113.047222	50.0	176505.0	0.565236	Y
8	STD500 460-1037325/10	500.0	296.807668	50.0	185554.0	0.593615	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

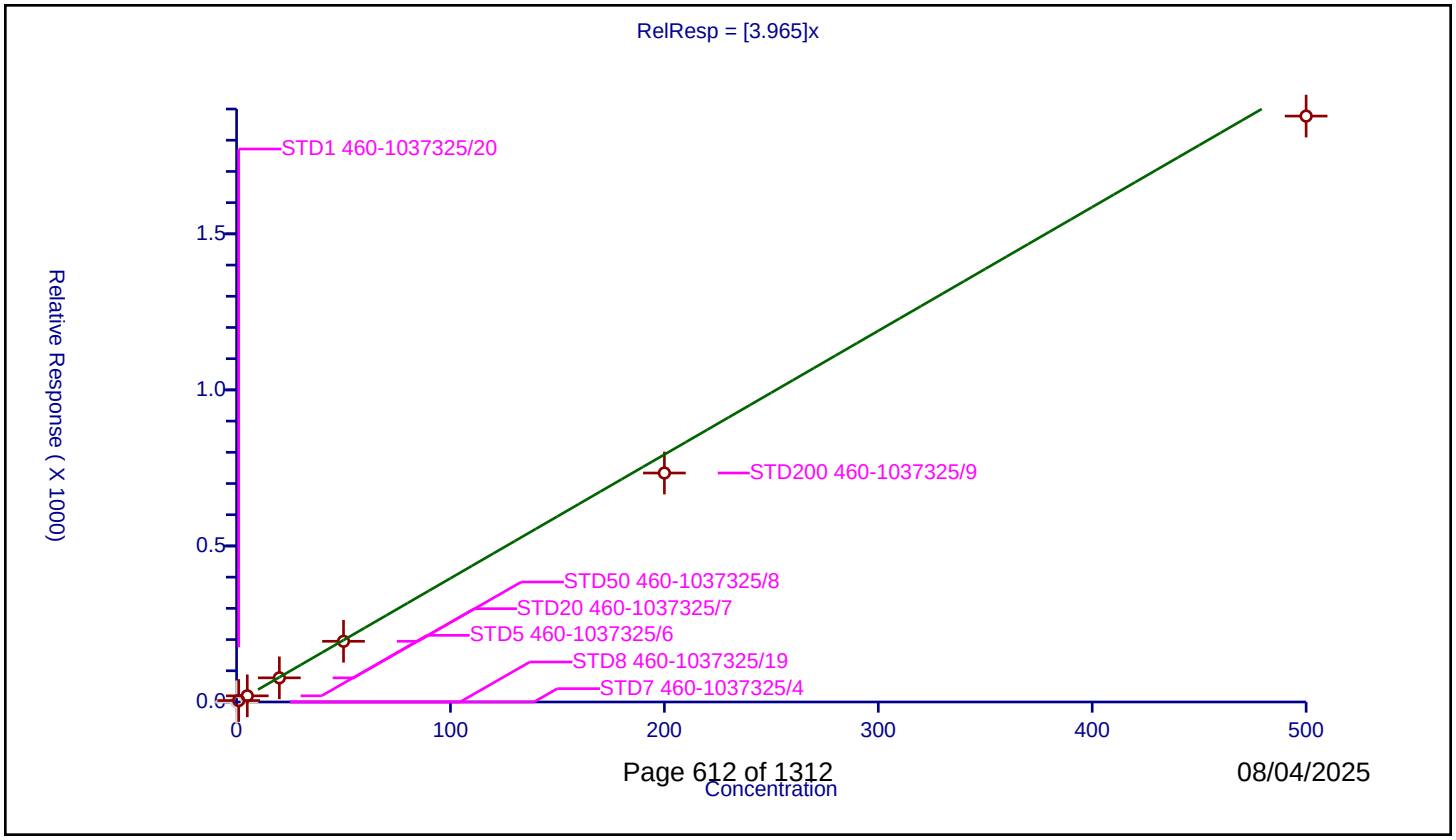
Curve Coefficients

Intercept:	0
Slope:	3.965

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	4.663843	50.0	177075.0	4.663843	Y
4	STD5 460-1037325/6	5.0	19.708481	50.0	175186.0	3.941696	Y
5	STD20 460-1037325/7	20.0	77.365621	50.0	175176.0	3.868281	Y
6	STD50 460-1037325/8	50.0	194.524191	50.0	172212.0	3.890484	Y
7	STD200 460-1037325/9	200.0	733.678083	50.0	176505.0	3.66839	Y
8	STD500 460-1037325/10	500.0	1877.352415	50.0	185554.0	3.754705	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

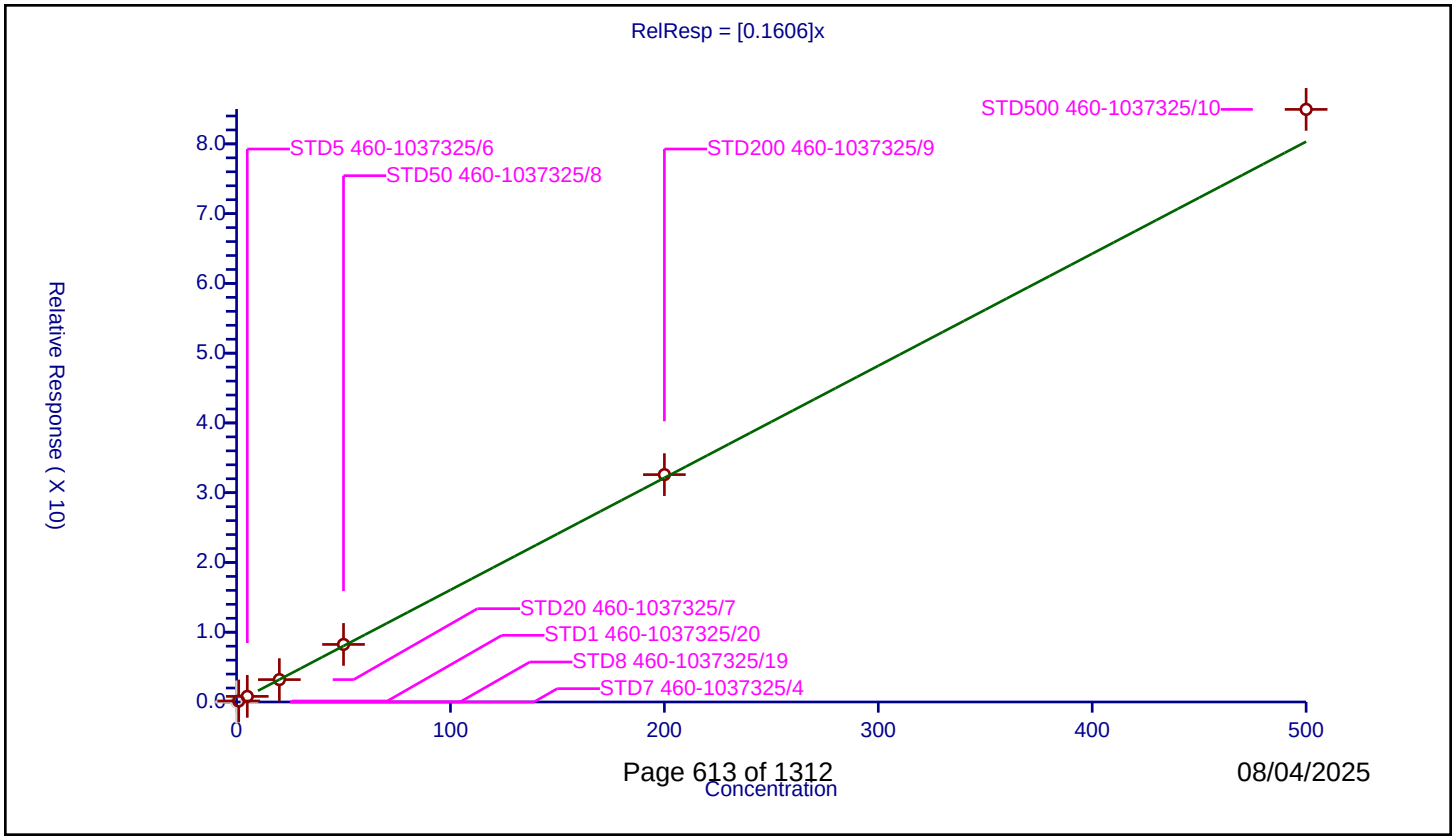
Curve Coefficients

Intercept:	0
Slope:	0.1606

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.144854	50.0	177075.0	0.144854	Y
4	STD5 460-1037325/6	5.0	0.803717	50.0	175186.0	0.160743	Y
5	STD20 460-1037325/7	20.0	3.207631	50.0	175176.0	0.160382	Y
6	STD50 460-1037325/8	50.0	8.250877	50.0	172212.0	0.165018	Y
7	STD200 460-1037325/9	200.0	32.593411	50.0	176505.0	0.162967	Y
8	STD500 460-1037325/10	500.0	84.947509	50.0	185554.0	0.169895	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

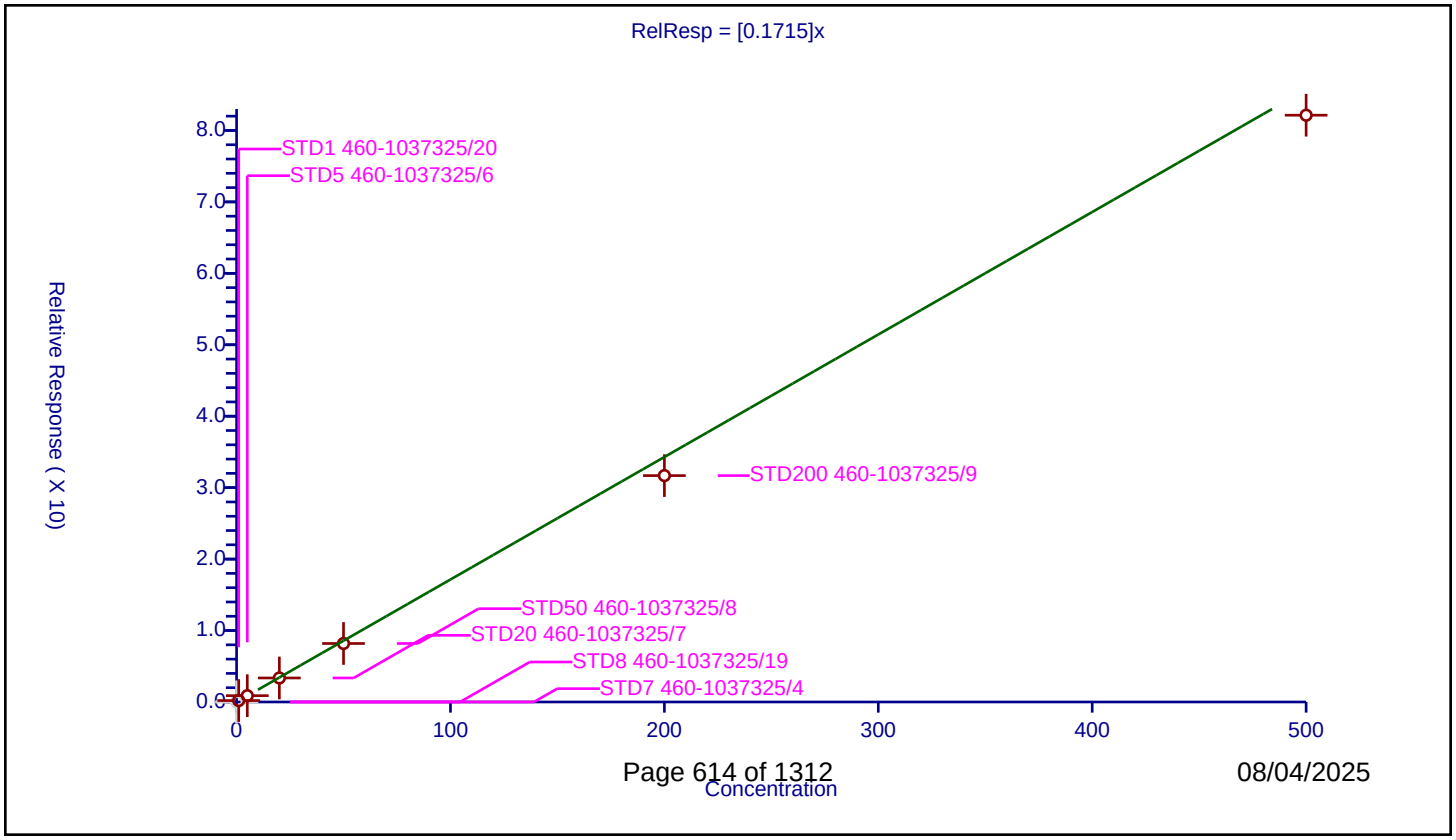
Curve Coefficients

Intercept:	0
Slope:	0.1715

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.197939	50.0	177075.0	0.197939	Y
4	STD5 460-1037325/6	5.0	0.881634	50.0	175186.0	0.176327	Y
5	STD20 460-1037325/7	20.0	3.359478	50.0	175176.0	0.167974	Y
6	STD50 460-1037325/8	50.0	8.189034	50.0	172212.0	0.163781	Y
7	STD200 460-1037325/9	200.0	31.688904	50.0	176505.0	0.158445	Y
8	STD500 460-1037325/10	500.0	82.134042	50.0	185554.0	0.164268	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

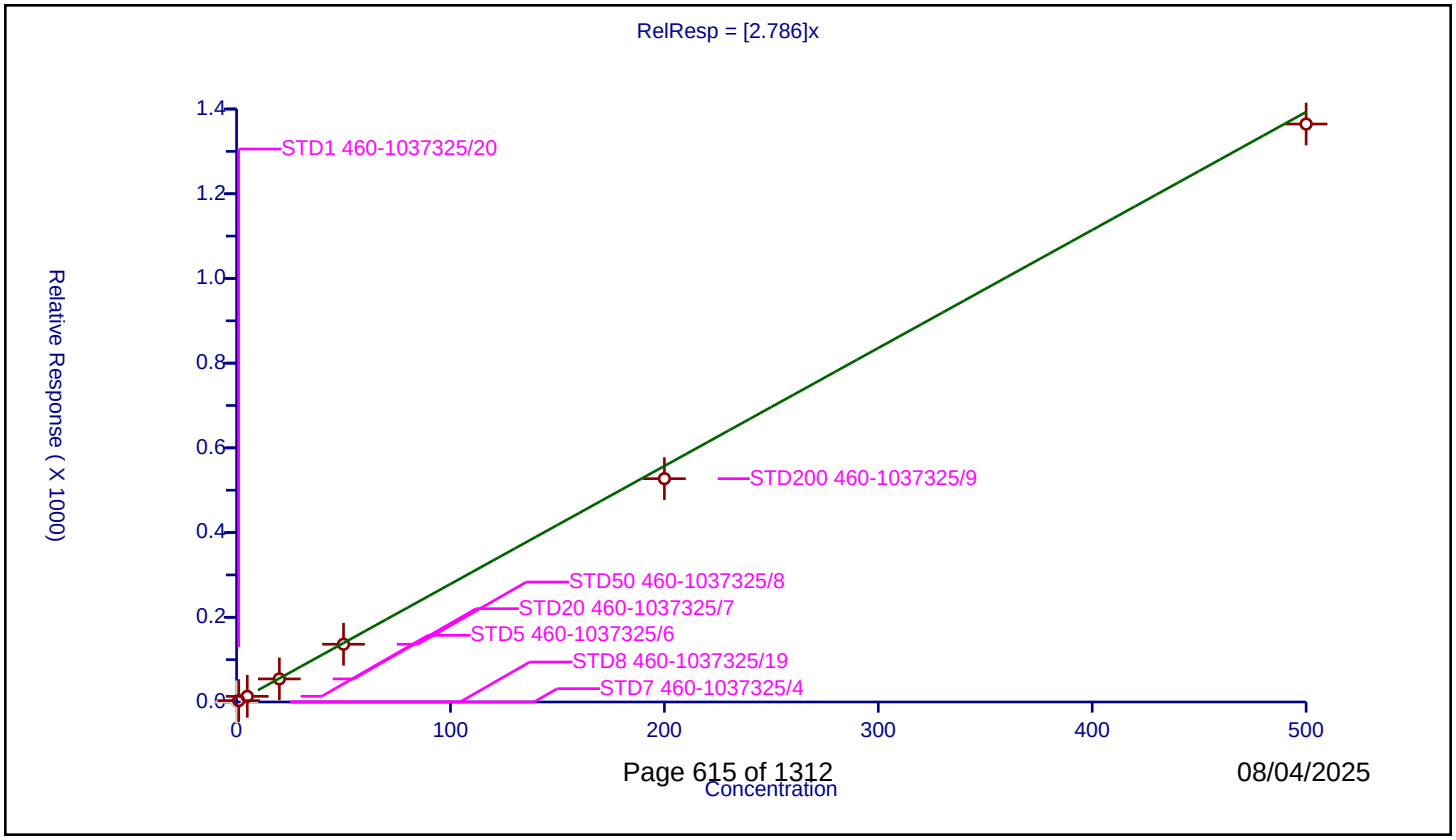
Curve Coefficients

Intercept:	0
Slope:	2.786

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	3.233658	50.0	177075.0	3.233658	Y
4	STD5 460-1037325/6	5.0	13.323268	50.0	175186.0	2.664654	Y
5	STD20 460-1037325/7	20.0	54.497191	50.0	175176.0	2.72486	Y
6	STD50 460-1037325/8	50.0	136.345609	50.0	172212.0	2.726912	Y
7	STD200 460-1037325/9	200.0	527.284213	50.0	176505.0	2.636421	Y
8	STD500 460-1037325/10	500.0	1364.567457	50.0	185554.0	2.729135	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

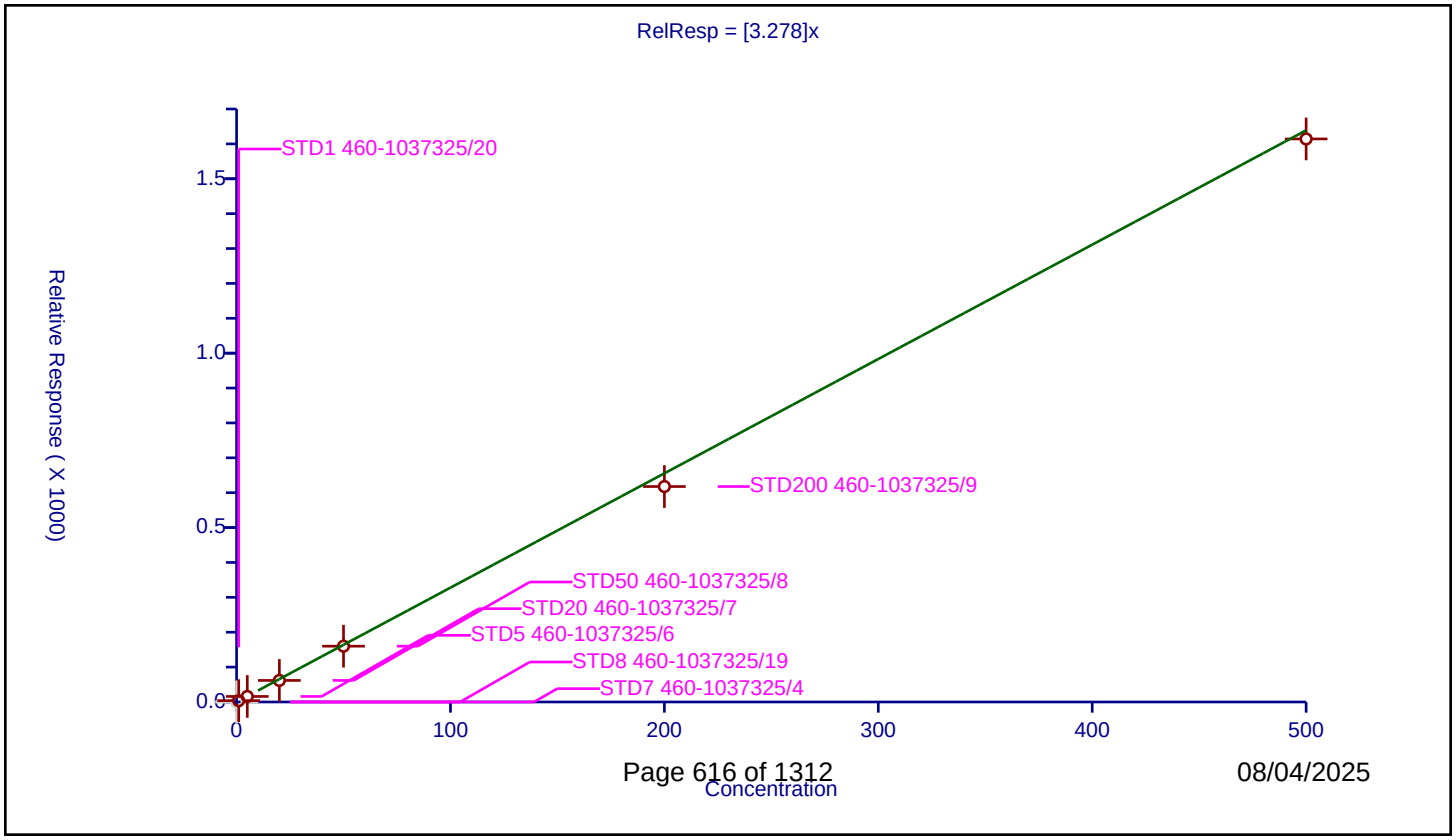
Curve Coefficients

Intercept:	0
Slope:	3.278

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	3.8831	50.0	177075.0	3.8831	Y
4	STD5 460-1037325/6	5.0	15.881691	50.0	175186.0	3.176338	Y
5	STD20 460-1037325/7	20.0	61.799276	50.0	175176.0	3.089964	Y
6	STD50 460-1037325/8	50.0	159.961559	50.0	172212.0	3.199231	Y
7	STD200 460-1037325/9	200.0	617.660689	50.0	176505.0	3.088303	Y
8	STD500 460-1037325/10	500.0	1614.21473	50.0	185554.0	3.228429	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

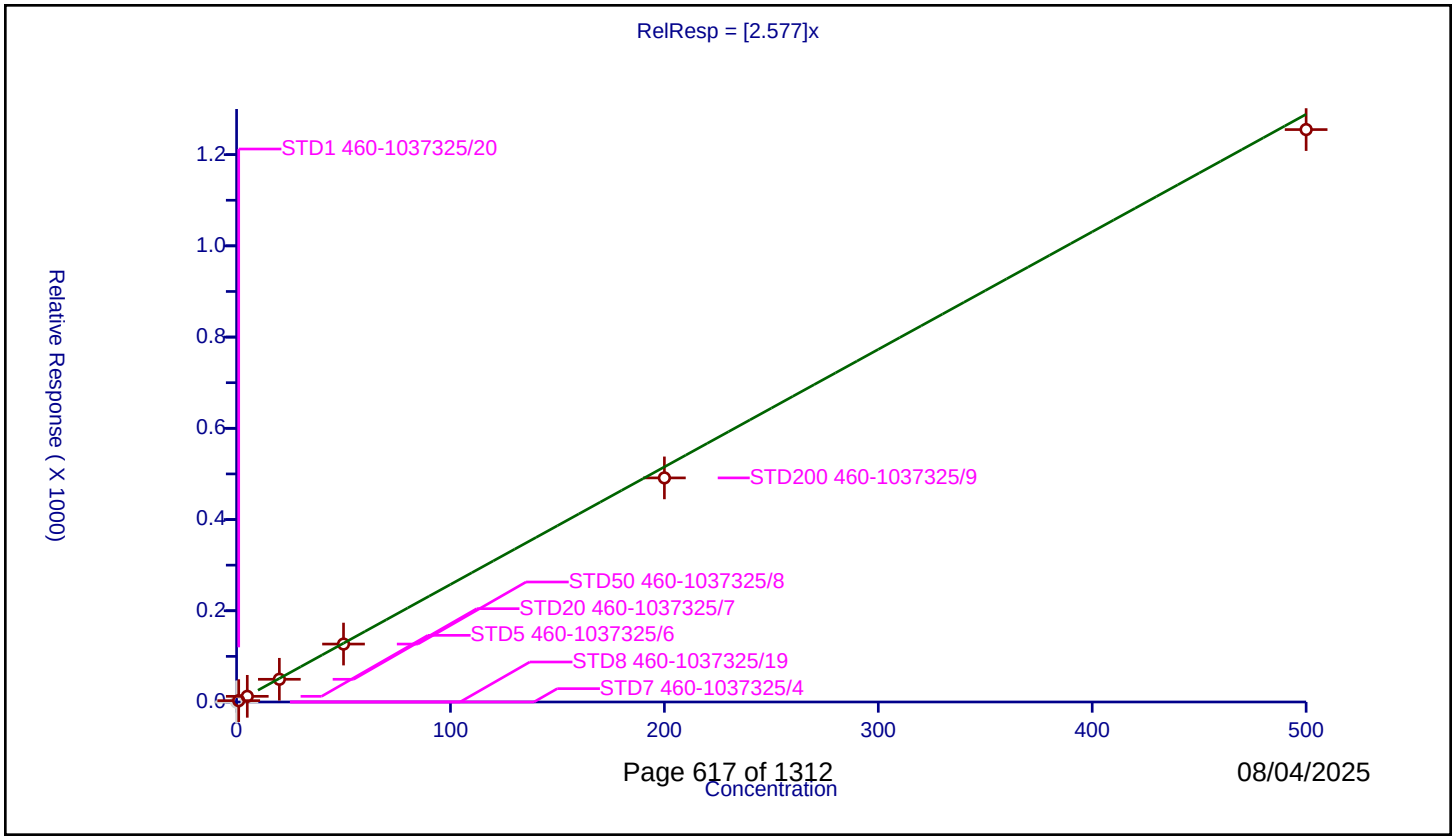
Curve Coefficients

Intercept:	0
Slope:	2.577

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.976987	50.0	177075.0	2.976987	Y
4	STD5 460-1037325/6	5.0	12.442204	50.0	175186.0	2.488441	Y
5	STD20 460-1037325/7	20.0	49.785359	50.0	175176.0	2.489268	Y
6	STD50 460-1037325/8	50.0	127.020765	50.0	172212.0	2.540415	Y
7	STD200 460-1037325/9	200.0	491.306195	50.0	176505.0	2.456531	Y
8	STD500 460-1037325/10	500.0	1254.914742	50.0	185554.0	2.509829	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

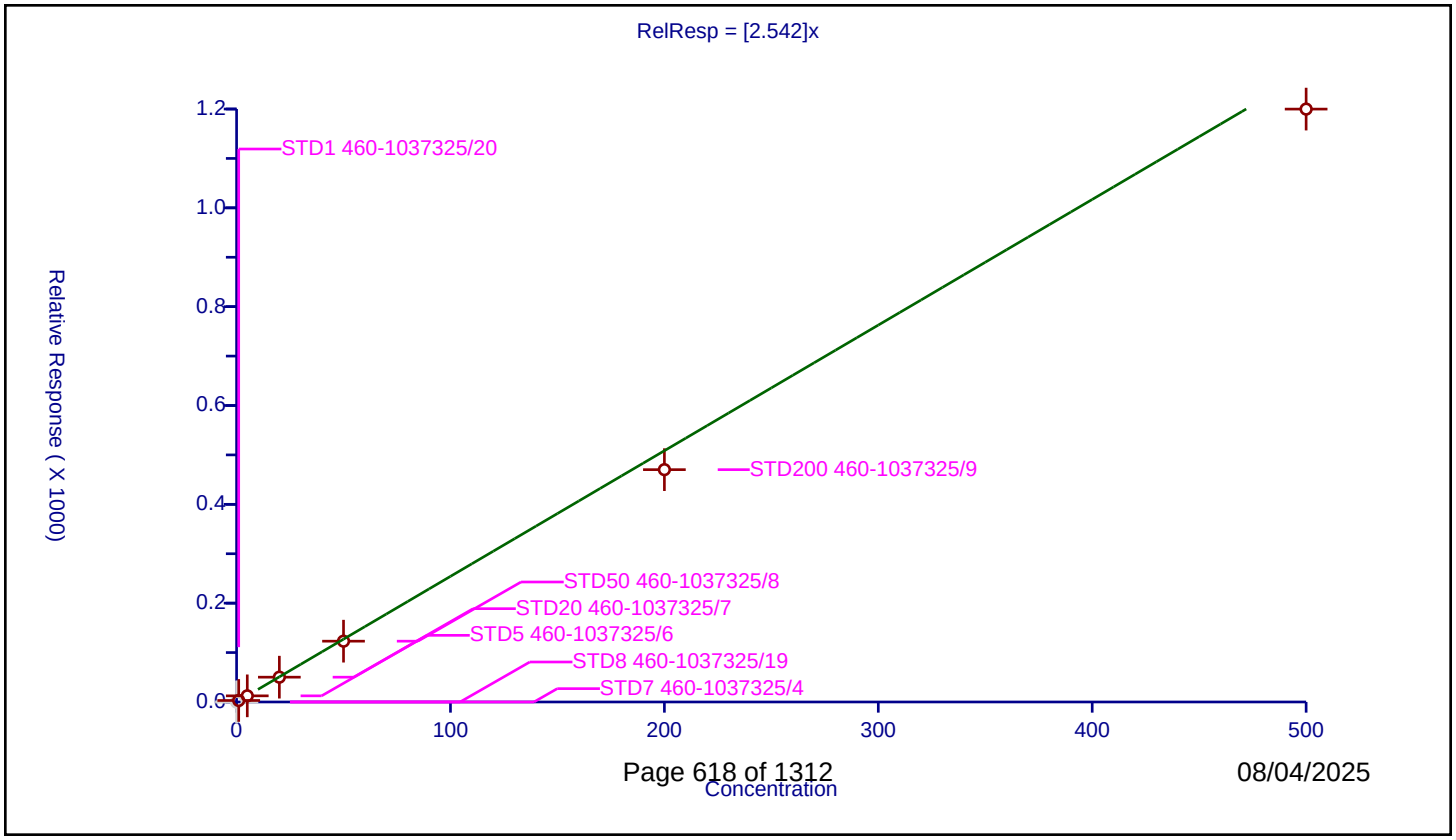
Curve Coefficients

Intercept:	0
Slope:	2.542

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	3.040802	50.0	177075.0	3.040802	Y
4	STD5 460-1037325/6	5.0	12.459329	50.0	175186.0	2.491866	Y
5	STD20 460-1037325/7	20.0	50.198372	50.0	175176.0	2.509919	Y
6	STD50 460-1037325/8	50.0	123.071563	50.0	172212.0	2.461431	Y
7	STD200 460-1037325/9	200.0	470.160619	50.0	176505.0	2.350803	Y
8	STD500 460-1037325/10	500.0	1199.850717	50.0	185554.0	2.399701	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

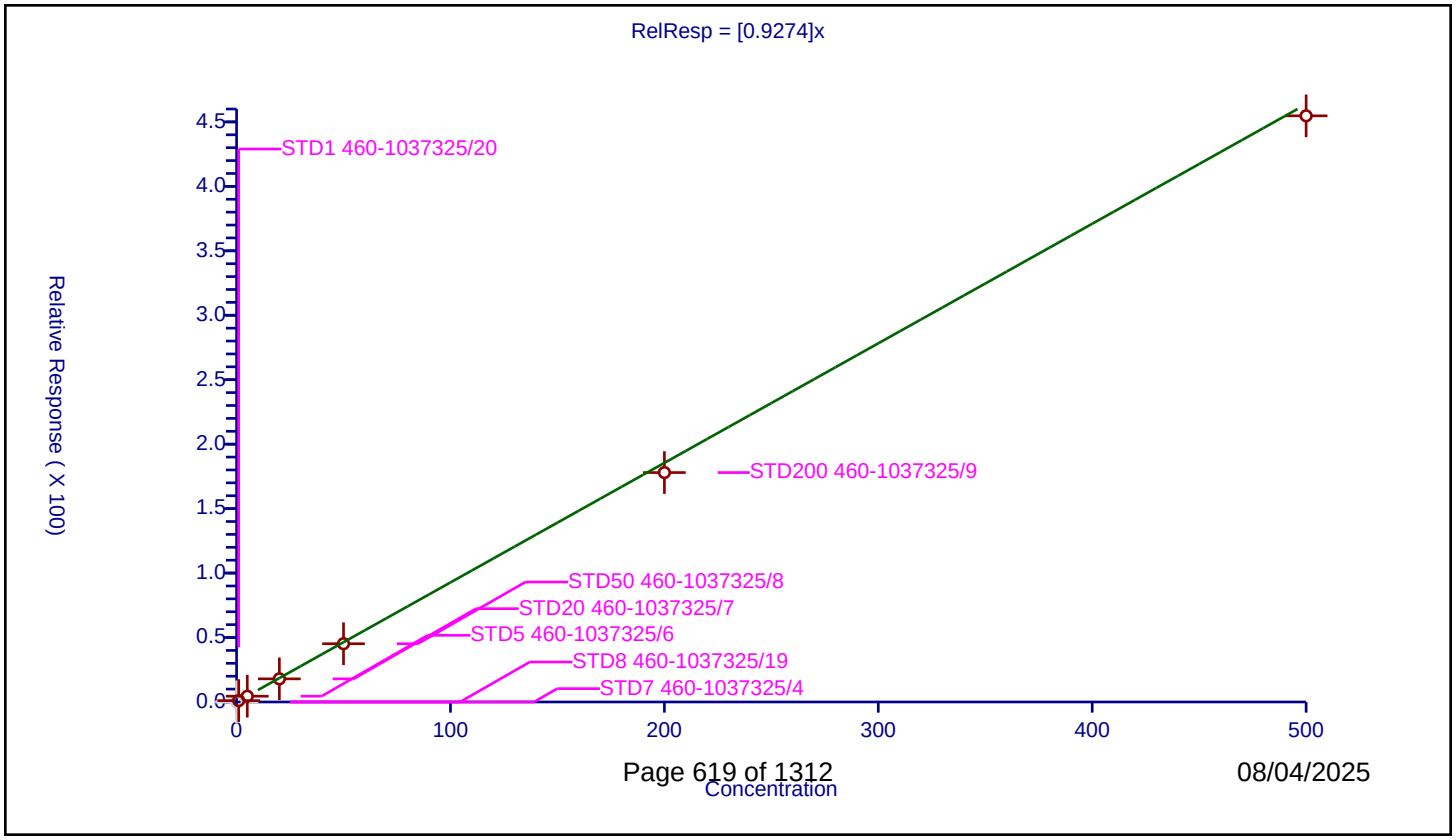
Curve Coefficients

Intercept:	0
Slope:	0.9274

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.068756	50.0	177075.0	1.068756	Y
4	STD5 460-1037325/6	5.0	4.476671	50.0	175186.0	0.895334	Y
5	STD20 460-1037325/7	20.0	17.947379	50.0	175176.0	0.897369	Y
6	STD50 460-1037325/8	50.0	45.194295	50.0	172212.0	0.903886	Y
7	STD200 460-1037325/9	200.0	177.98476	50.0	176505.0	0.889924	Y
8	STD500 460-1037325/10	500.0	454.707255	50.0	185554.0	0.909415	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

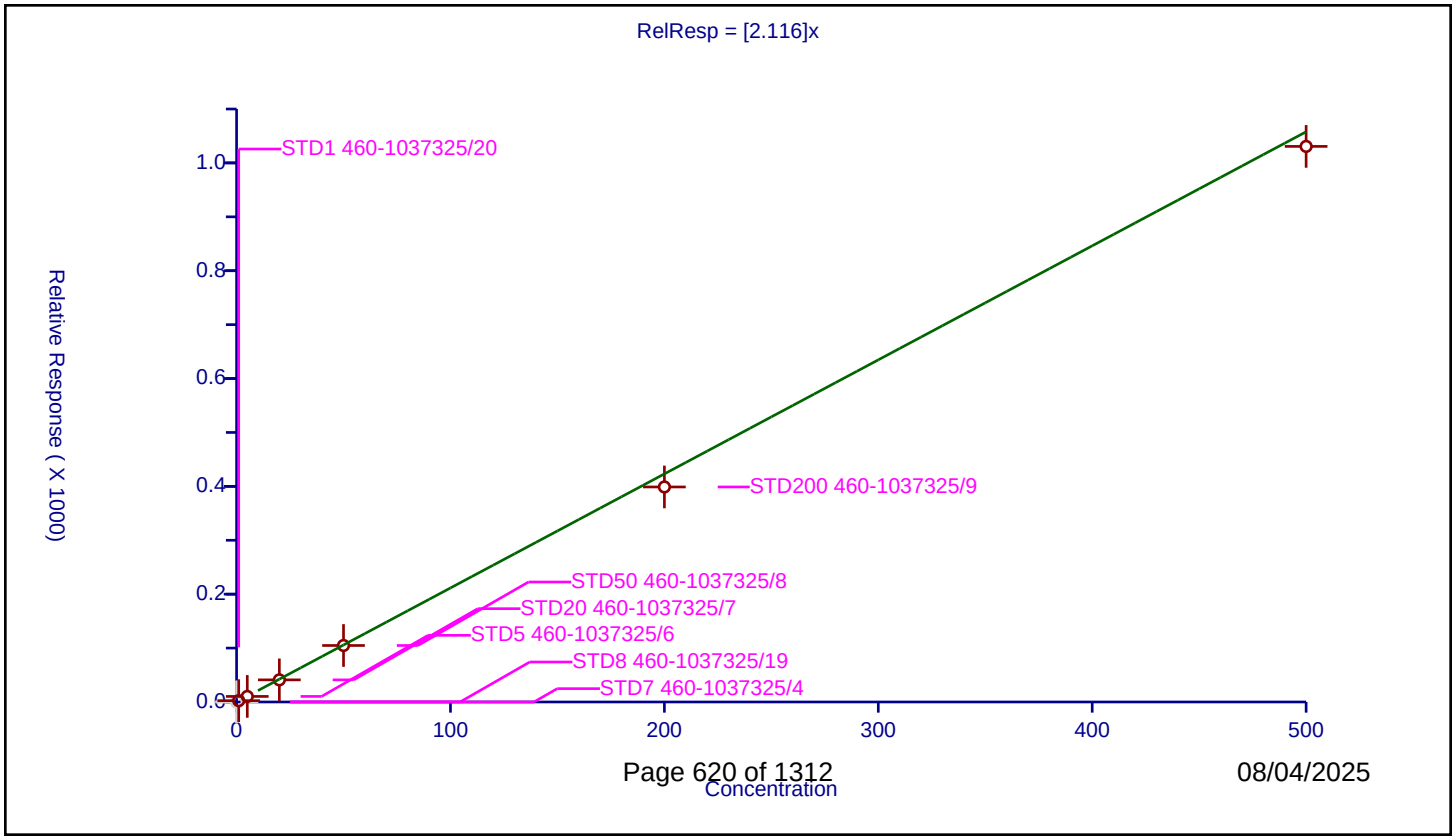
Curve Coefficients

Intercept:	0
Slope:	2.116

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.428914	50.0	177075.0	2.428914	Y
4	STD5 460-1037325/6	5.0	10.301051	50.0	175186.0	2.06021	Y
5	STD20 460-1037325/7	20.0	41.040154	50.0	175176.0	2.052008	Y
6	STD50 460-1037325/8	50.0	104.81877	50.0	172212.0	2.096375	Y
7	STD200 460-1037325/9	200.0	398.864055	50.0	176505.0	1.99432	Y
8	STD500 460-1037325/10	500.0	1030.629089	50.0	185554.0	2.061258	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

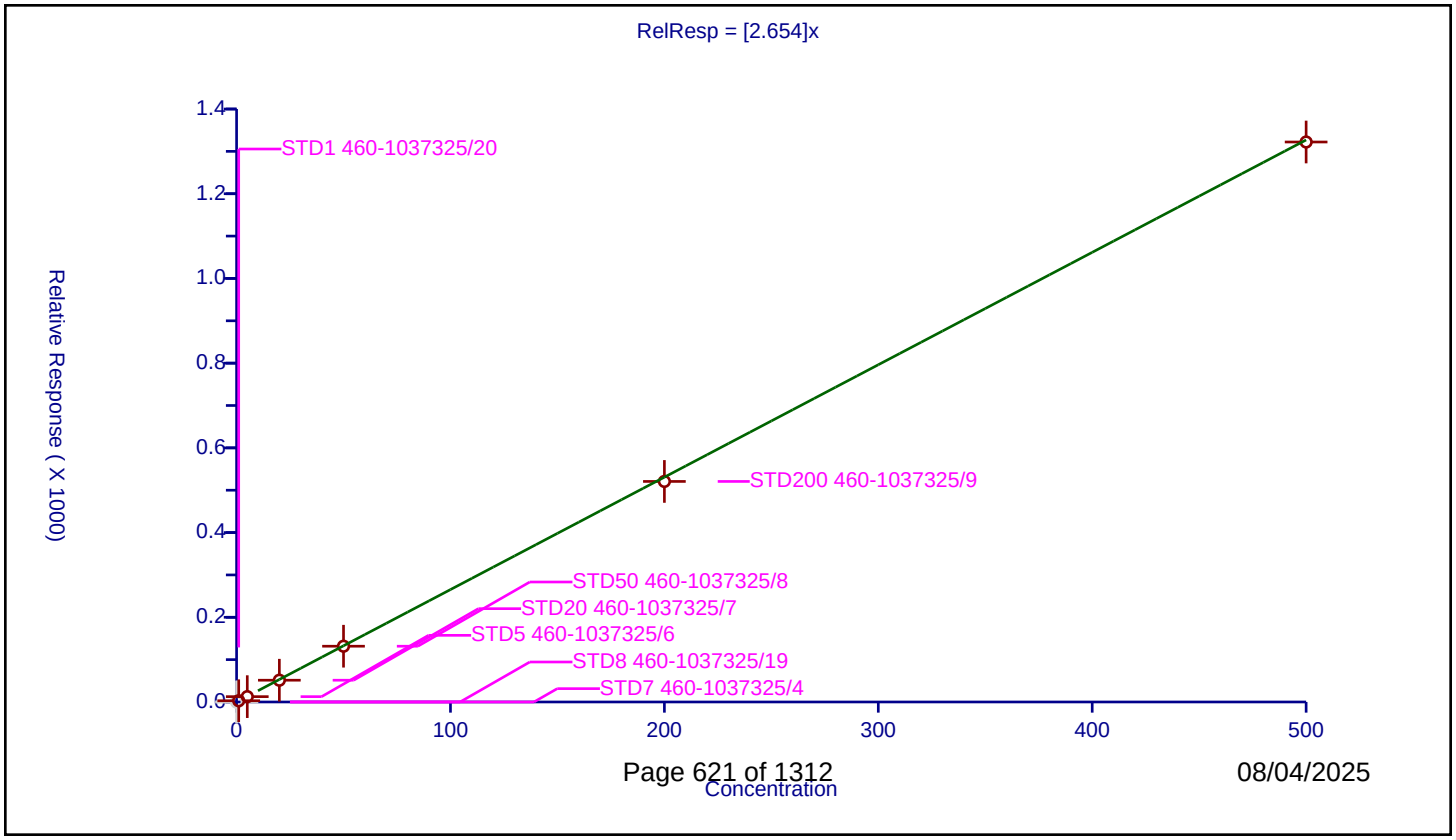
Curve Coefficients

Intercept:	0
Slope:	2.654

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.94028	50.0	177075.0	2.94028	Y
4	STD5 460-1037325/6	5.0	12.649983	50.0	175186.0	2.529997	Y
5	STD20 460-1037325/7	20.0	51.43313	50.0	175176.0	2.571657	Y
6	STD50 460-1037325/8	50.0	131.708882	50.0	172212.0	2.634178	Y
7	STD200 460-1037325/9	200.0	520.692898	50.0	176505.0	2.603464	Y
8	STD500 460-1037325/10	500.0	1322.135605	50.0	185554.0	2.644271	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

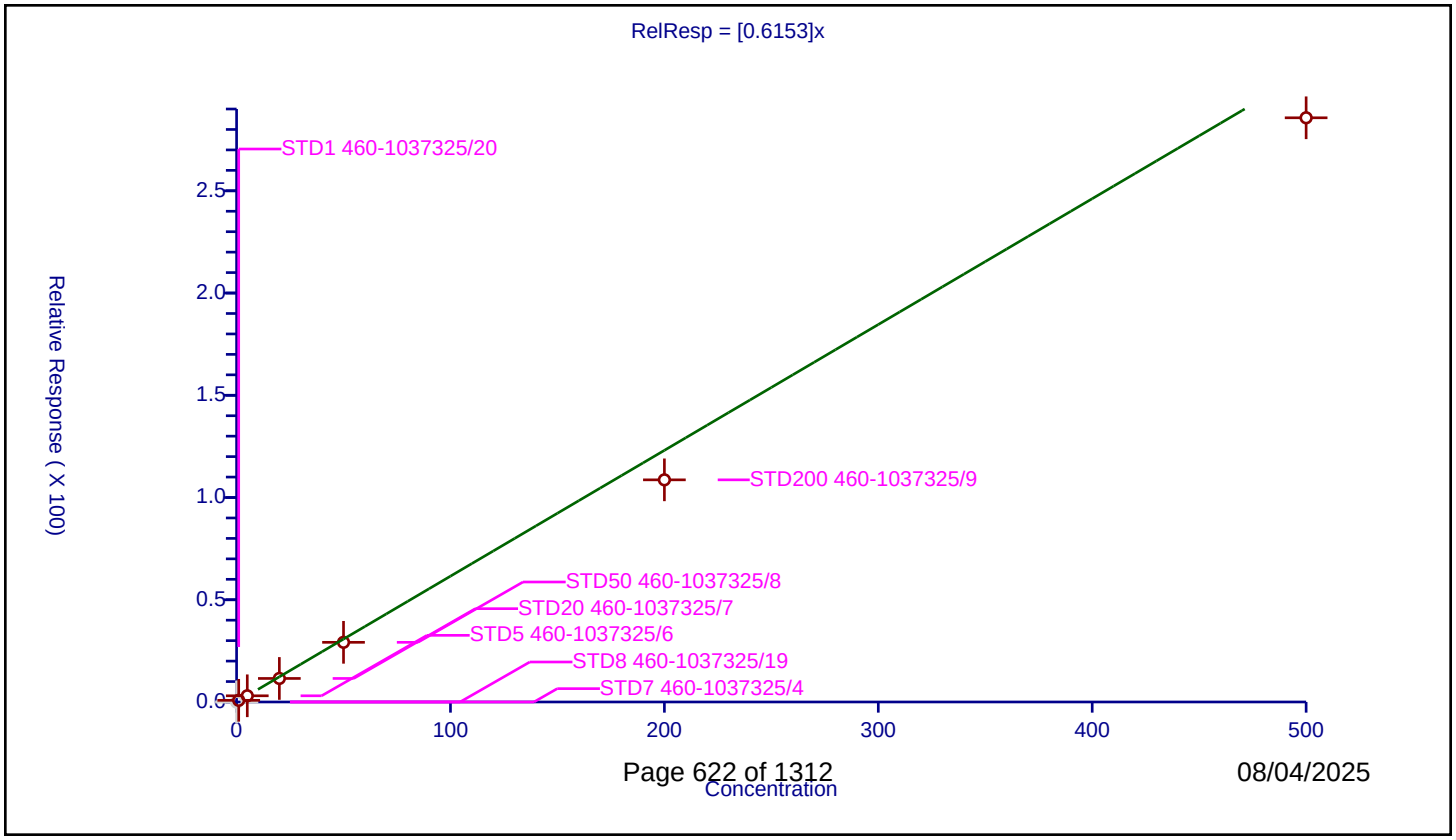
Curve Coefficients

Intercept:	0
Slope:	0.6153

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.811803	50.0	177075.0	0.811803	Y
4	STD5 460-1037325/6	5.0	3.032206	50.0	175186.0	0.606441	Y
5	STD20 460-1037325/7	20.0	11.510138	50.0	175176.0	0.575507	Y
6	STD50 460-1037325/8	50.0	29.183797	50.0	172212.0	0.583676	Y
7	STD200 460-1037325/9	200.0	108.641965	50.0	176505.0	0.54321	Y
8	STD500 460-1037325/10	500.0	285.711976	50.0	185554.0	0.571424	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

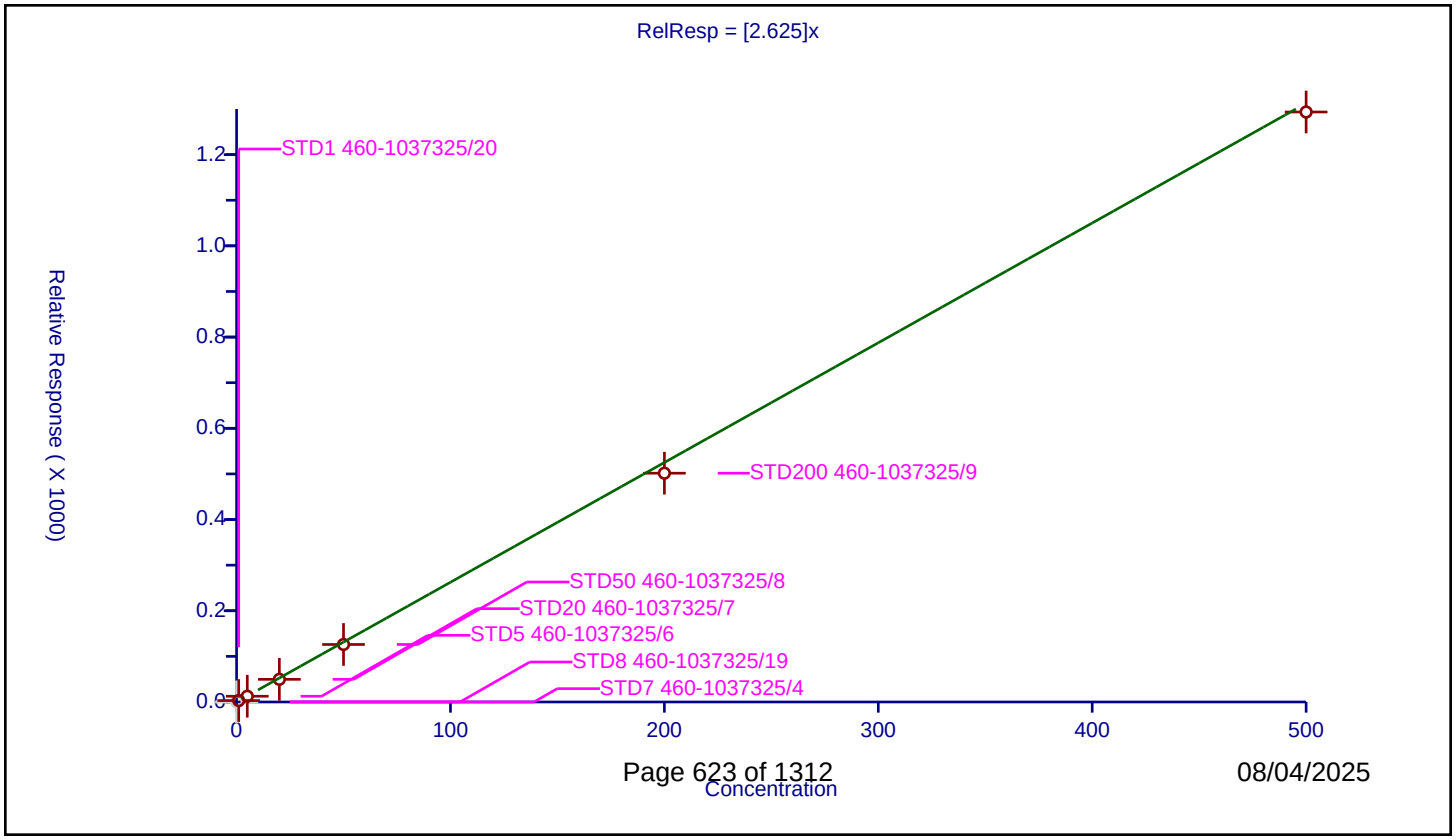
Curve Coefficients

Intercept:	0
Slope:	2.625

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	3.131159	50.0	177075.0	3.131159	Y
4	STD5 460-1037325/6	5.0	12.610026	50.0	175186.0	2.522005	Y
5	STD20 460-1037325/7	20.0	49.636366	50.0	175176.0	2.481818	Y
6	STD50 460-1037325/8	50.0	126.052191	50.0	172212.0	2.521044	Y
7	STD200 460-1037325/9	200.0	501.586924	50.0	176505.0	2.507935	Y
8	STD500 460-1037325/10	500.0	1293.460933	50.0	185554.0	2.586922	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

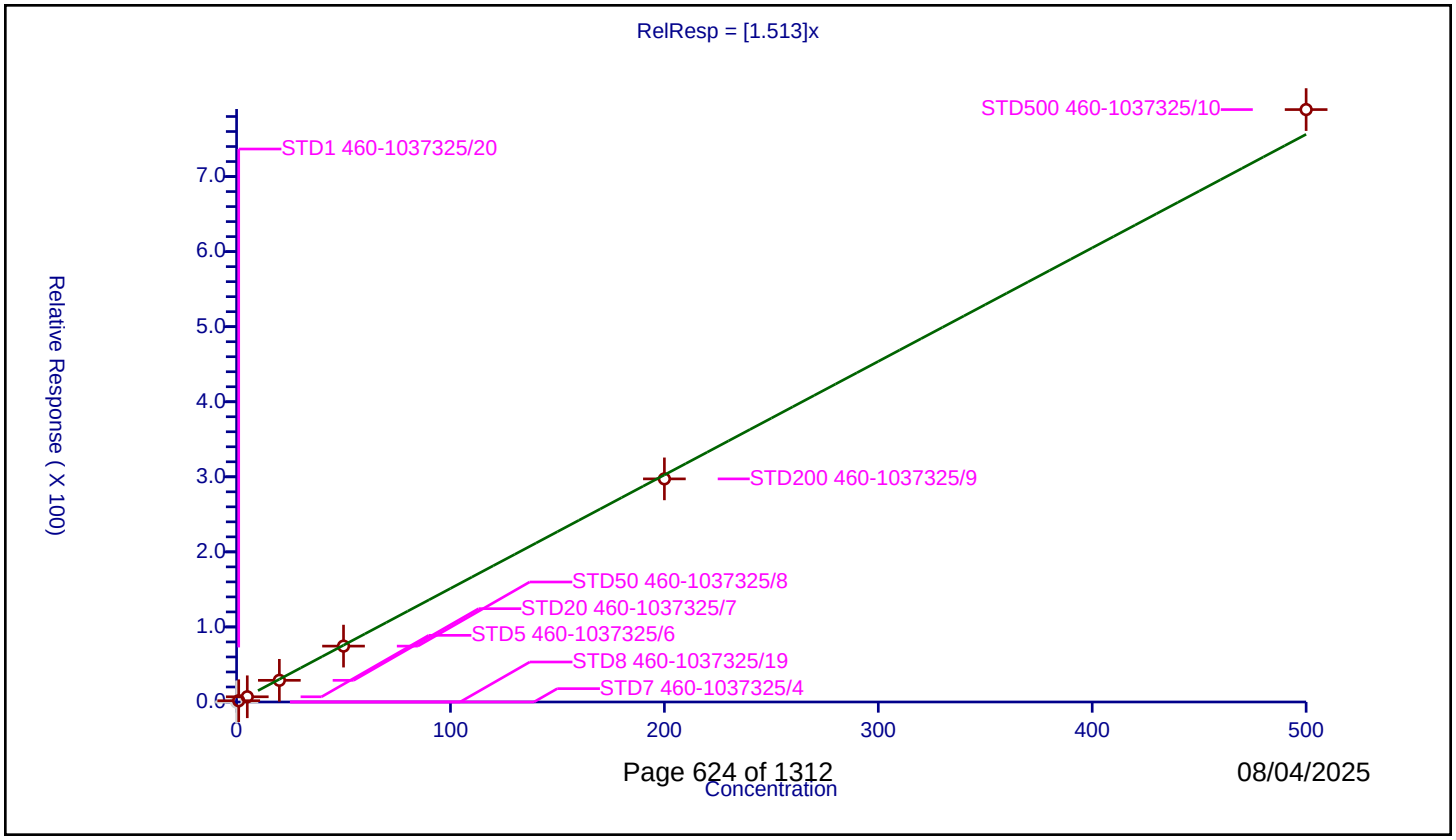
Curve Coefficients

Intercept:	0
Slope:	1.513

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.687421	50.0	177075.0	1.687421	Y
4	STD5 460-1037325/6	5.0	6.956321	50.0	175186.0	1.391264	Y
5	STD20 460-1037325/7	20.0	28.860403	50.0	175176.0	1.44302	Y
6	STD50 460-1037325/8	50.0	74.453	50.0	172212.0	1.48906	Y
7	STD200 460-1037325/9	200.0	297.237755	50.0	176505.0	1.486189	Y
8	STD500 460-1037325/10	500.0	789.264581	50.0	185554.0	1.578529	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

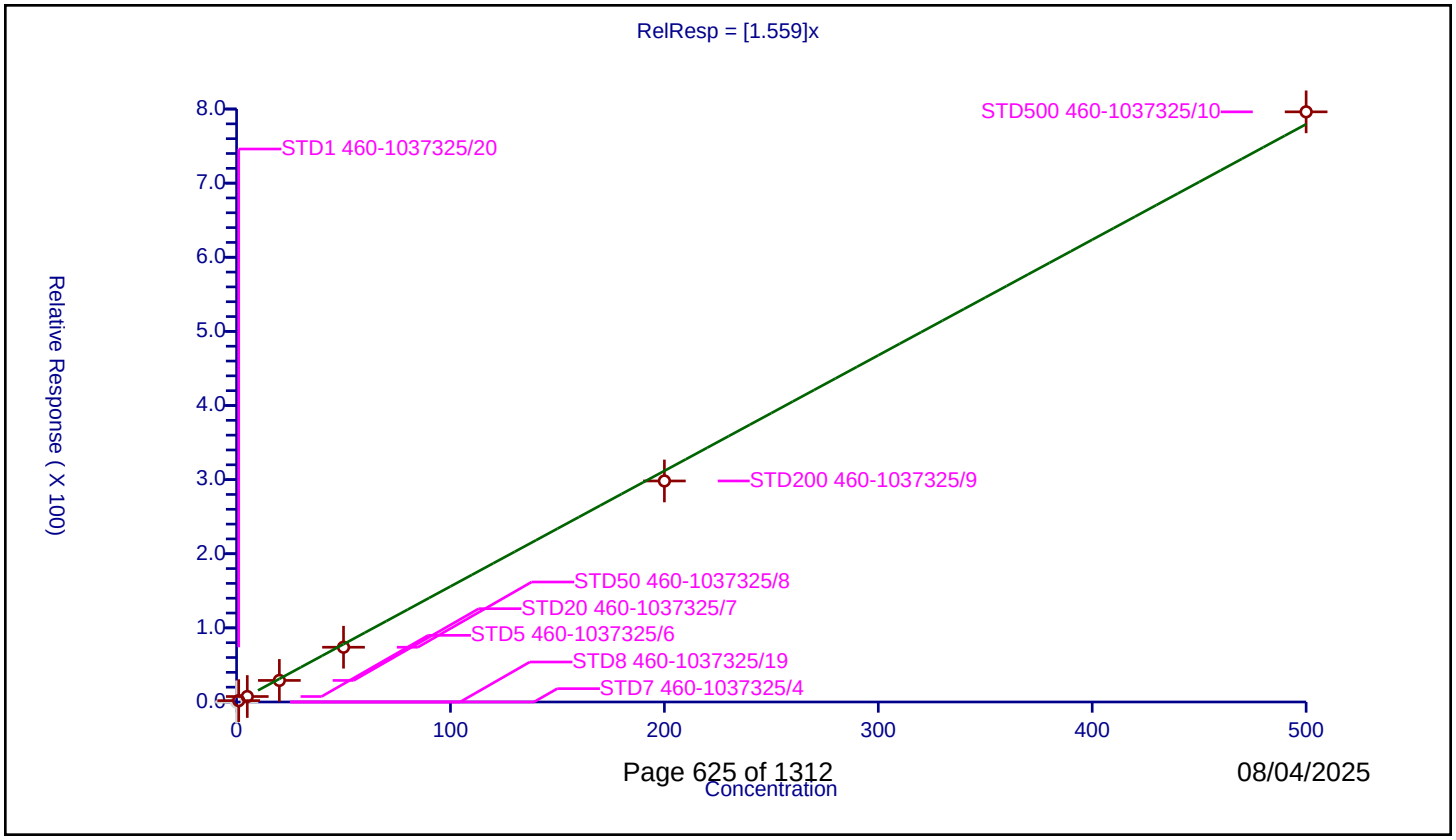
Curve Coefficients

Intercept:	0
Slope:	1.559

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.85797	50.0	177075.0	1.85797	Y
4	STD5 460-1037325/6	5.0	7.404416	50.0	175186.0	1.480883	Y
5	STD20 460-1037325/7	20.0	29.099306	50.0	175176.0	1.454965	Y
6	STD50 460-1037325/8	50.0	73.867094	50.0	172212.0	1.477342	Y
7	STD200 460-1037325/9	200.0	298.186454	50.0	176505.0	1.490932	Y
8	STD500 460-1037325/10	500.0	796.184669	50.0	185554.0	1.592369	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

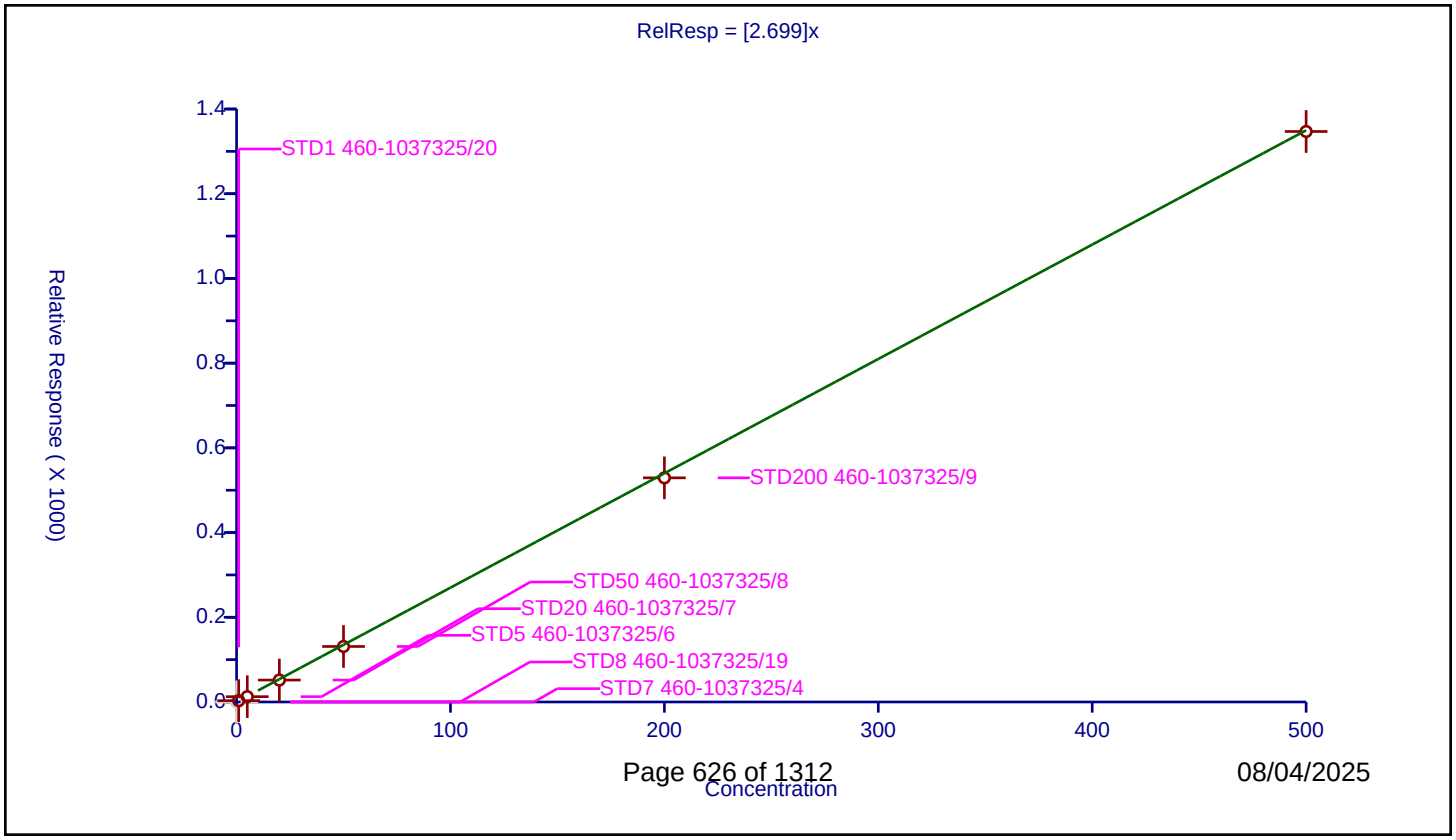
Curve Coefficients

Intercept:	0
Slope:	2.699

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	3.137089	50.0	177075.0	3.137089	Y
4	STD5 460-1037325/6	5.0	12.548377	50.0	175186.0	2.509675	Y
5	STD20 460-1037325/7	20.0	51.777355	50.0	175176.0	2.588868	Y
6	STD50 460-1037325/8	50.0	131.075941	50.0	172212.0	2.621519	Y
7	STD200 460-1037325/9	200.0	529.193507	50.0	176505.0	2.645968	Y
8	STD500 460-1037325/10	500.0	1346.897399	50.0	185554.0	2.693795	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

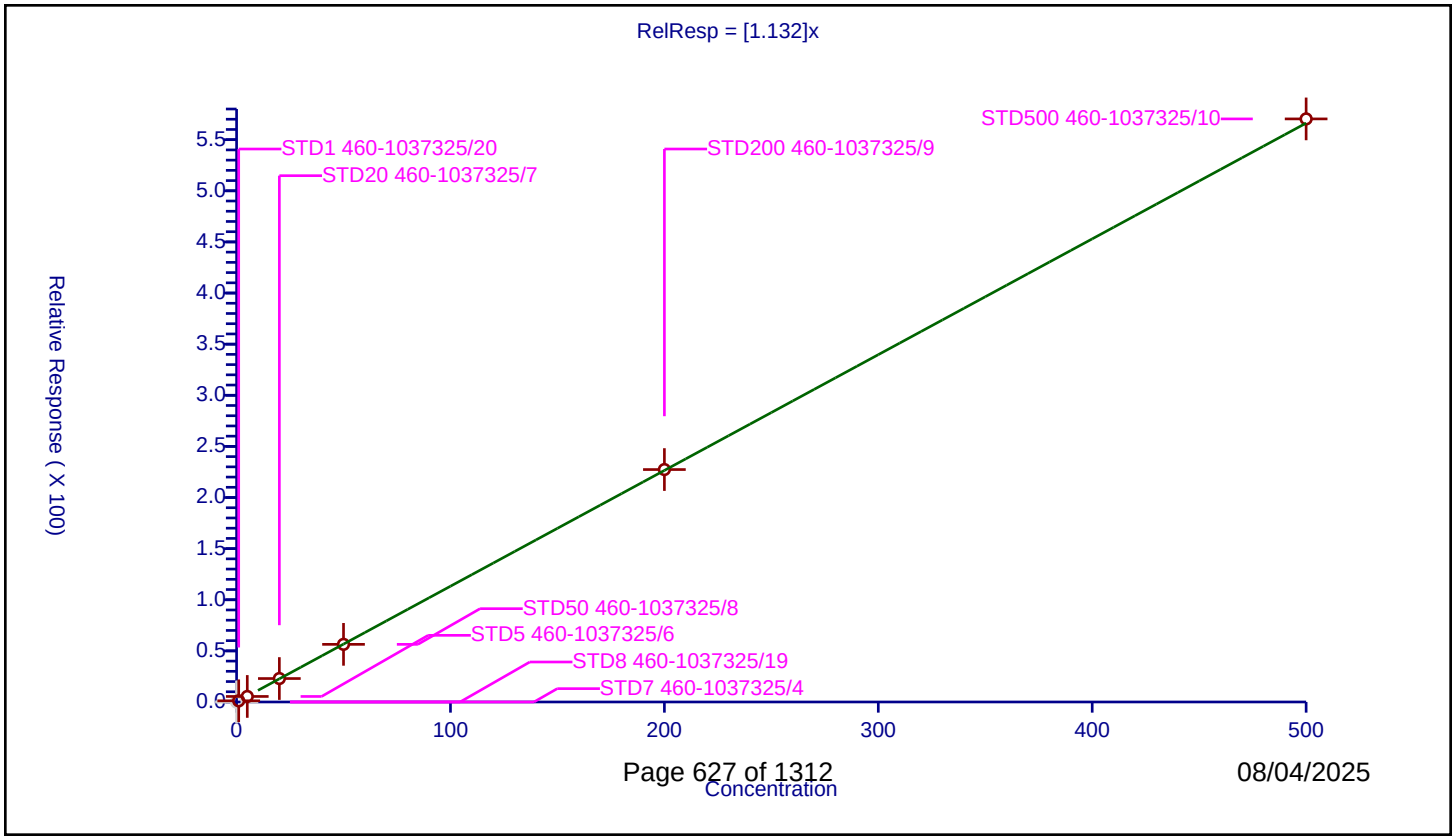
Curve Coefficients

Intercept:	0
Slope:	1.132

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.158549	50.0	177075.0	1.158549	Y
4	STD5 460-1037325/6	5.0	5.418241	50.0	175186.0	1.083648	Y
5	STD20 460-1037325/7	20.0	22.942355	50.0	175176.0	1.147118	Y
6	STD50 460-1037325/8	50.0	56.387766	50.0	172212.0	1.127755	Y
7	STD200 460-1037325/9	200.0	227.367213	50.0	176505.0	1.136836	Y
8	STD500 460-1037325/10	500.0	570.326428	50.0	185554.0	1.140653	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

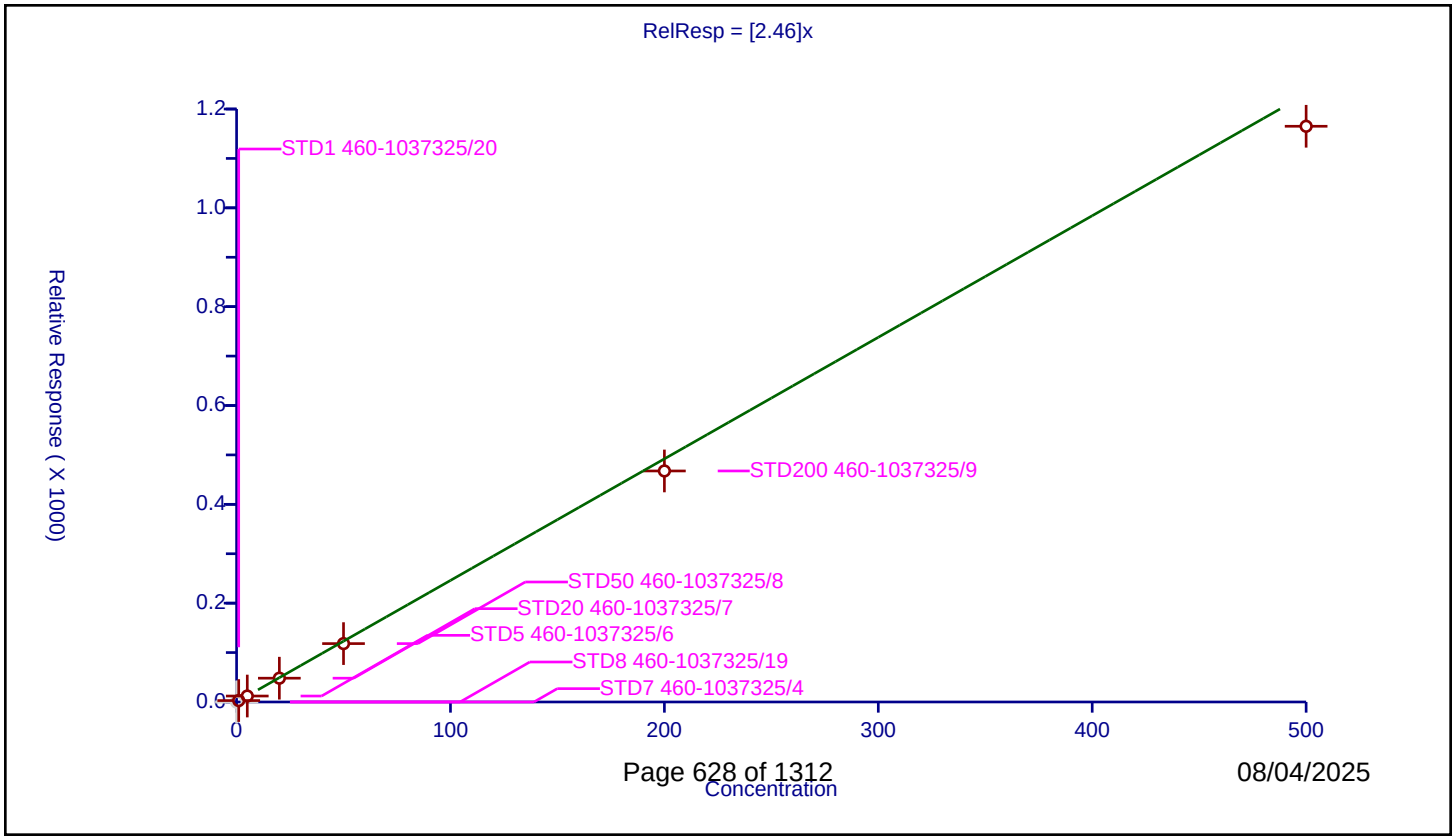
Curve Coefficients

Intercept:	0
Slope:	2.46

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.905266	50.0	177075.0	2.905266	Y
4	STD5 460-1037325/6	5.0	12.074595	50.0	175186.0	2.414919	Y
5	STD20 460-1037325/7	20.0	48.184397	50.0	175176.0	2.40922	Y
6	STD50 460-1037325/8	50.0	118.15611	50.0	172212.0	2.363122	Y
7	STD200 460-1037325/9	200.0	467.520467	50.0	176505.0	2.337602	Y
8	STD500 460-1037325/10	500.0	1165.072971	50.0	185554.0	2.330146	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

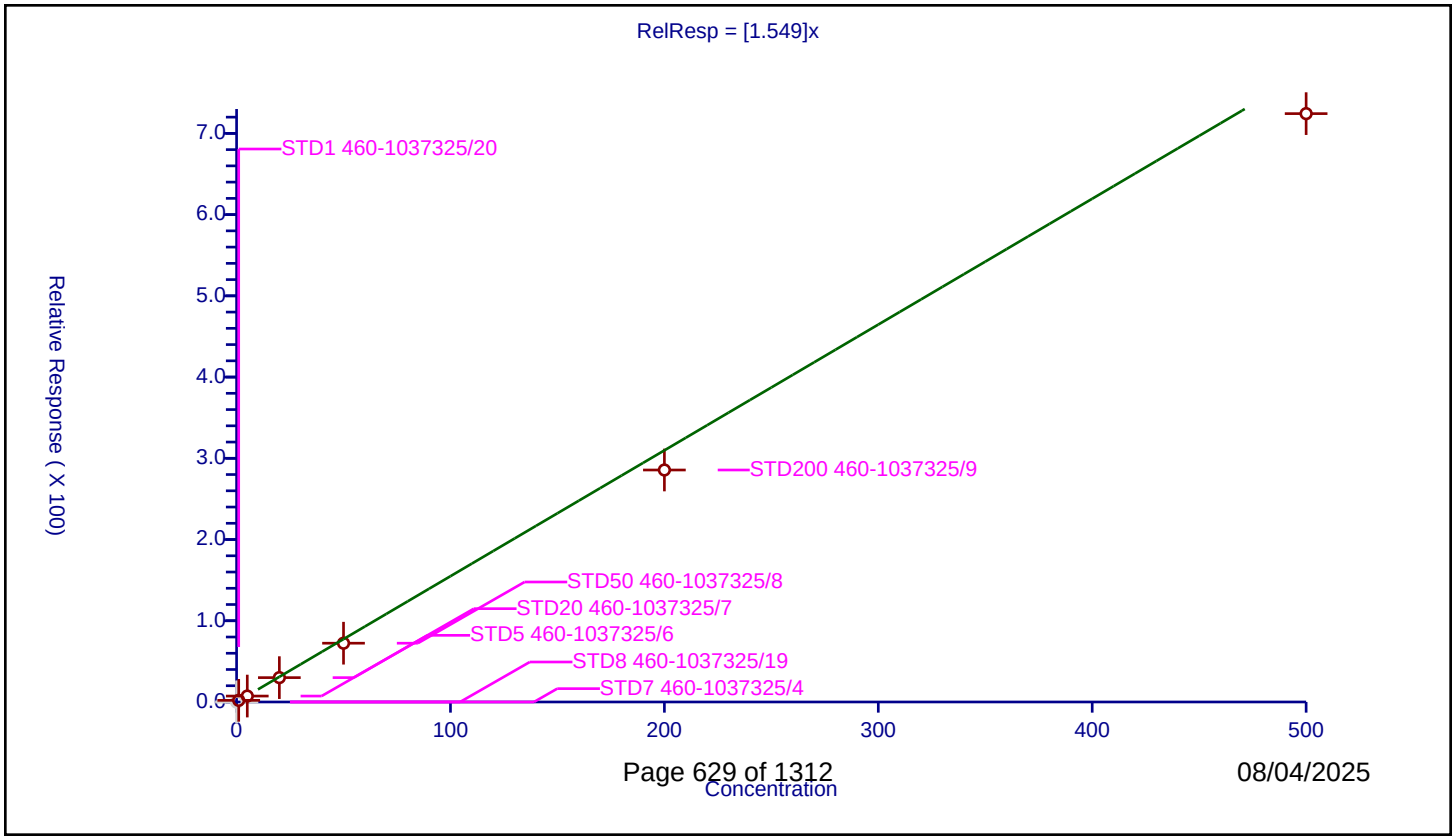
Curve Coefficients

Intercept:	0
Slope:	1.549

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.0048	50.0	177075.0	2.0048	Y
4	STD5 460-1037325/6	5.0	7.32022	50.0	175186.0	1.464044	Y
5	STD20 460-1037325/7	20.0	29.999258	50.0	175176.0	1.499963	Y
6	STD50 460-1037325/8	50.0	72.384619	50.0	172212.0	1.447692	Y
7	STD200 460-1037325/9	200.0	285.607207	50.0	176505.0	1.428036	Y
8	STD500 460-1037325/10	500.0	724.311791	50.0	185554.0	1.448624	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

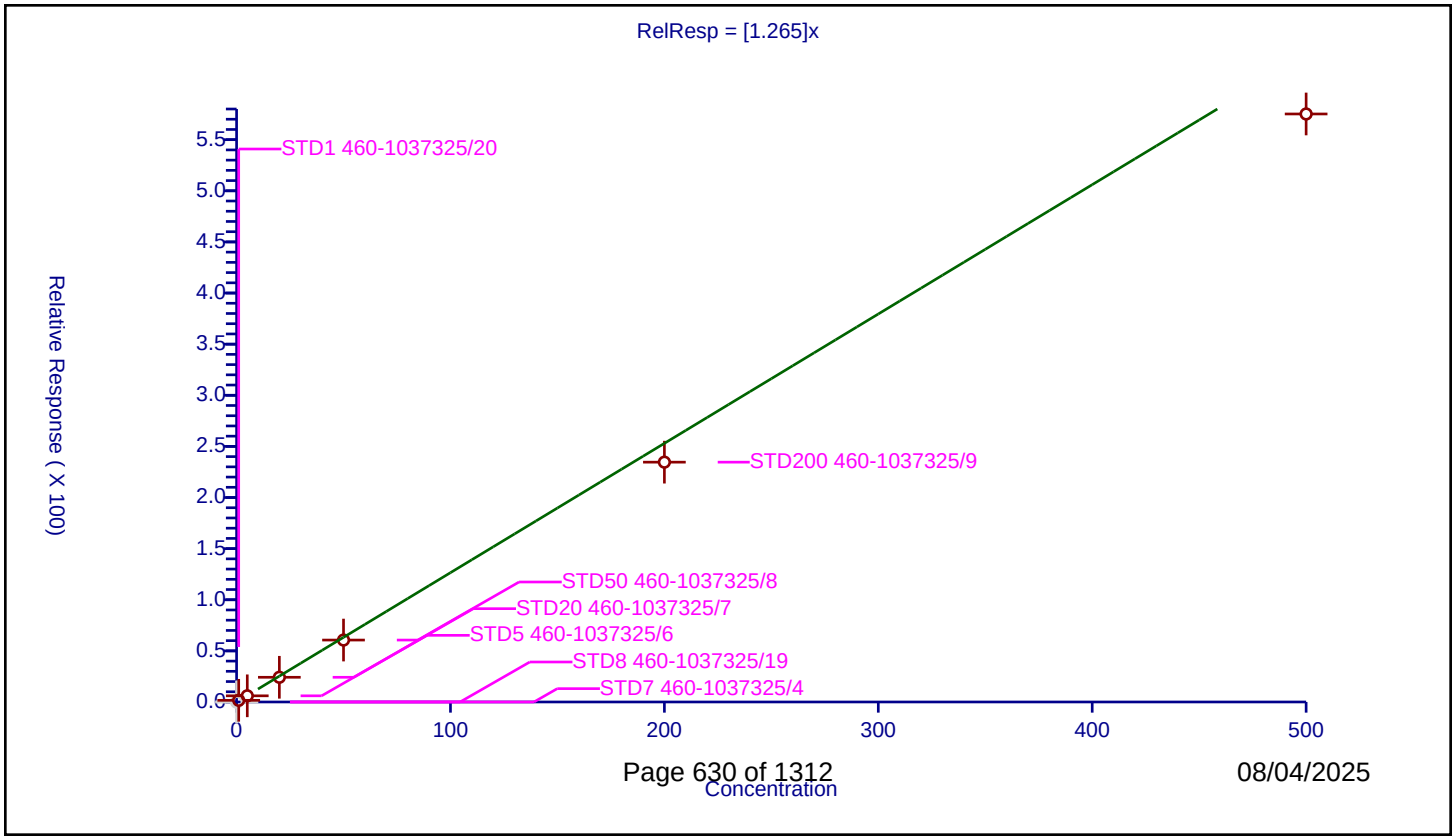
Curve Coefficients

Intercept:	0
Slope:	1.265

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.637442	50.0	177075.0	1.637442	Y
4	STD5 460-1037325/6	5.0	6.047858	50.0	175186.0	1.209572	Y
5	STD20 460-1037325/7	20.0	24.159702	50.0	175176.0	1.207985	Y
6	STD50 460-1037325/8	50.0	60.590435	50.0	172212.0	1.211809	Y
7	STD200 460-1037325/9	200.0	234.582306	50.0	176505.0	1.172912	Y
8	STD500 460-1037325/10	500.0	575.149822	50.0	185554.0	1.1503	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

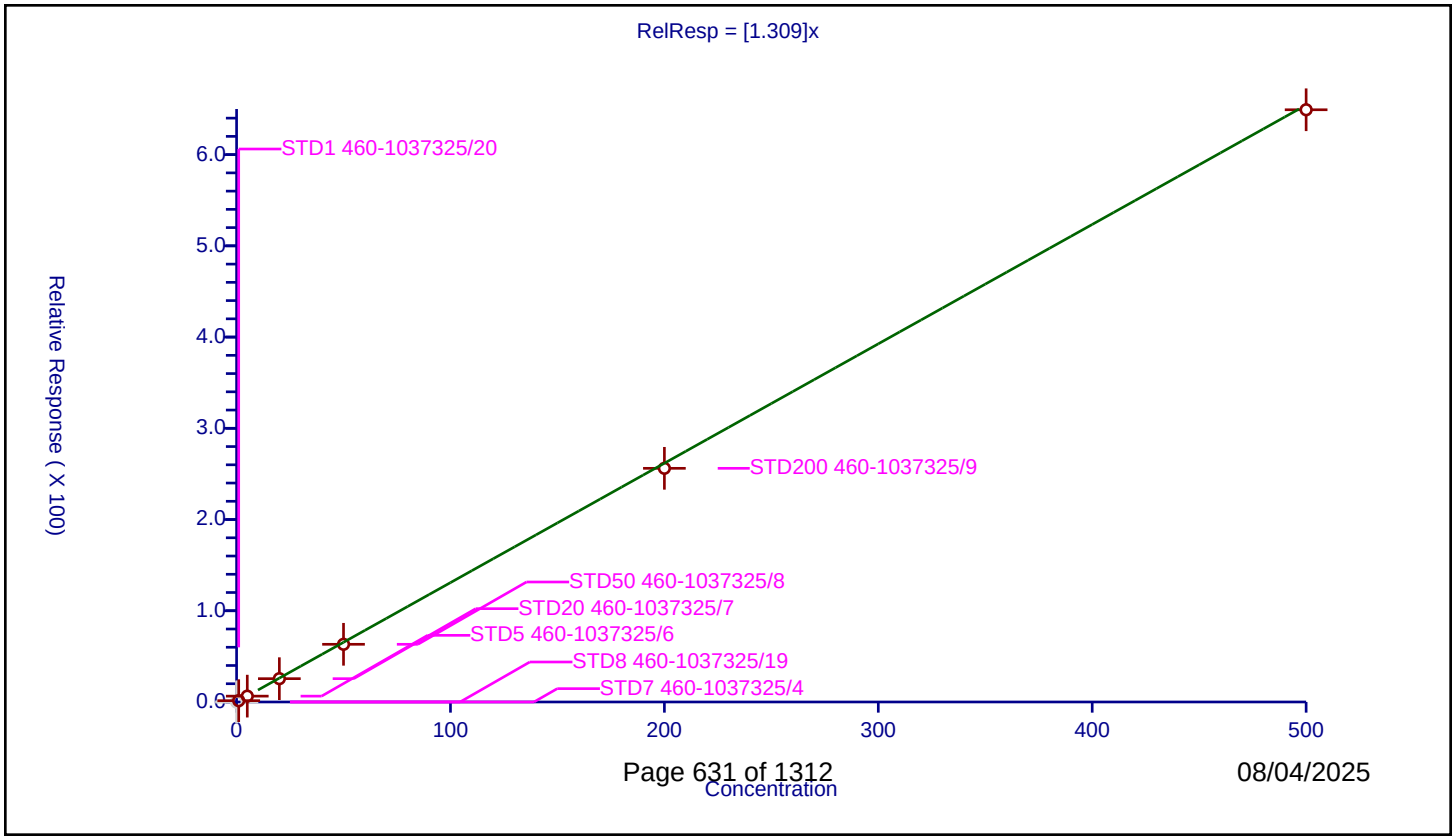
Curve Coefficients

Intercept:	0
Slope:	1.309

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.449668	50.0	177075.0	1.449668	Y
4	STD5 460-1037325/6	5.0	6.403765	50.0	175186.0	1.280753	Y
5	STD20 460-1037325/7	20.0	25.551731	50.0	175176.0	1.277587	Y
6	STD50 460-1037325/8	50.0	63.236302	50.0	172212.0	1.264726	Y
7	STD200 460-1037325/9	200.0	256.145435	50.0	176505.0	1.280727	Y
8	STD500 460-1037325/10	500.0	649.191879	50.0	185554.0	1.298384	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

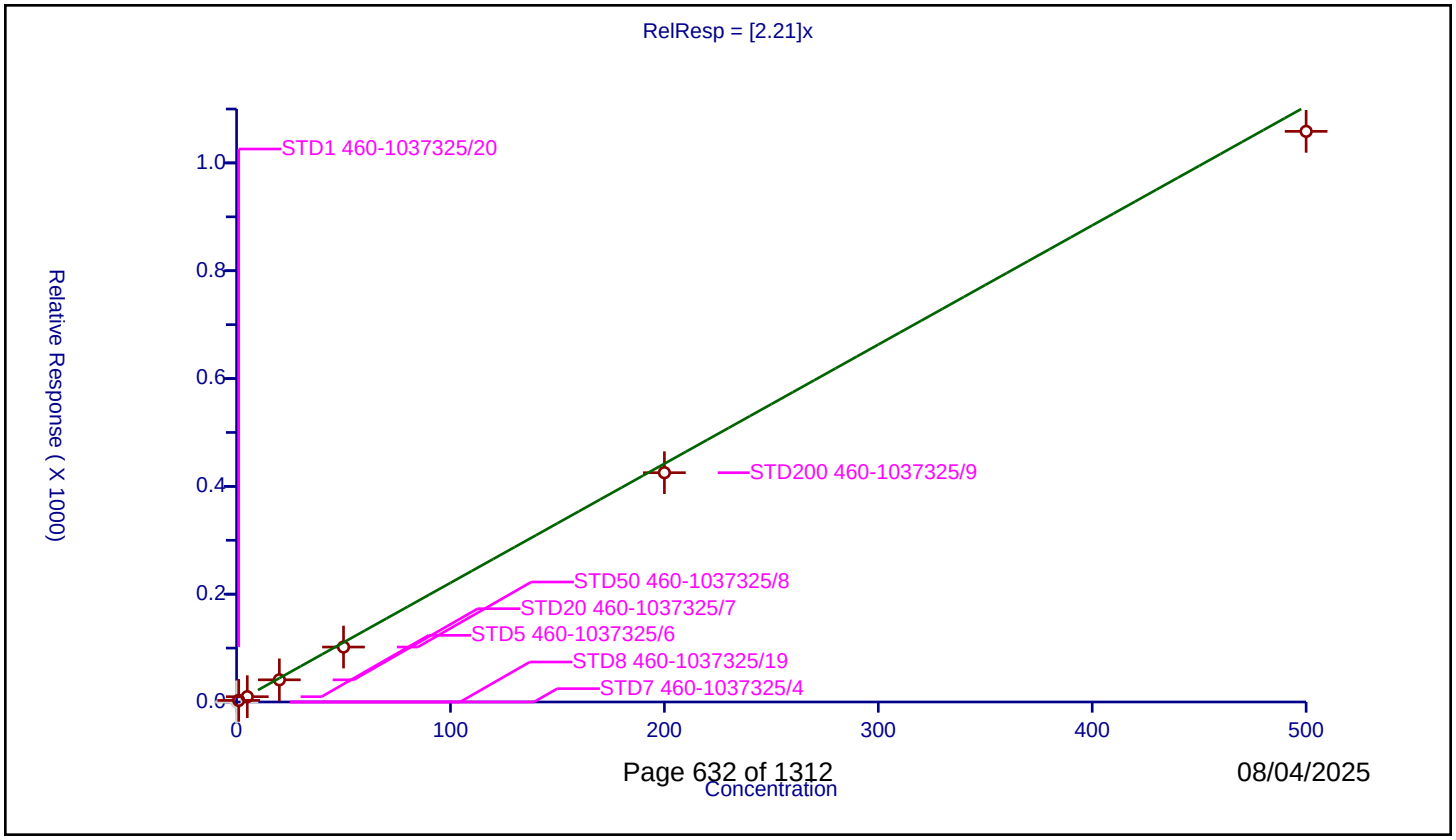
Curve Coefficients

Intercept:	0
Slope:	2.21

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.953551	50.0	177075.0	2.953551	Y
4	STD5 460-1037325/6	5.0	9.8384	50.0	175186.0	1.96768	Y
5	STD20 460-1037325/7	20.0	41.13777	50.0	175176.0	2.056889	Y
6	STD50 460-1037325/8	50.0	101.942373	50.0	172212.0	2.038847	Y
7	STD200 460-1037325/9	200.0	425.336109	50.0	176505.0	2.126681	Y
8	STD500 460-1037325/10	500.0	1058.56085	50.0	185554.0	2.117122	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

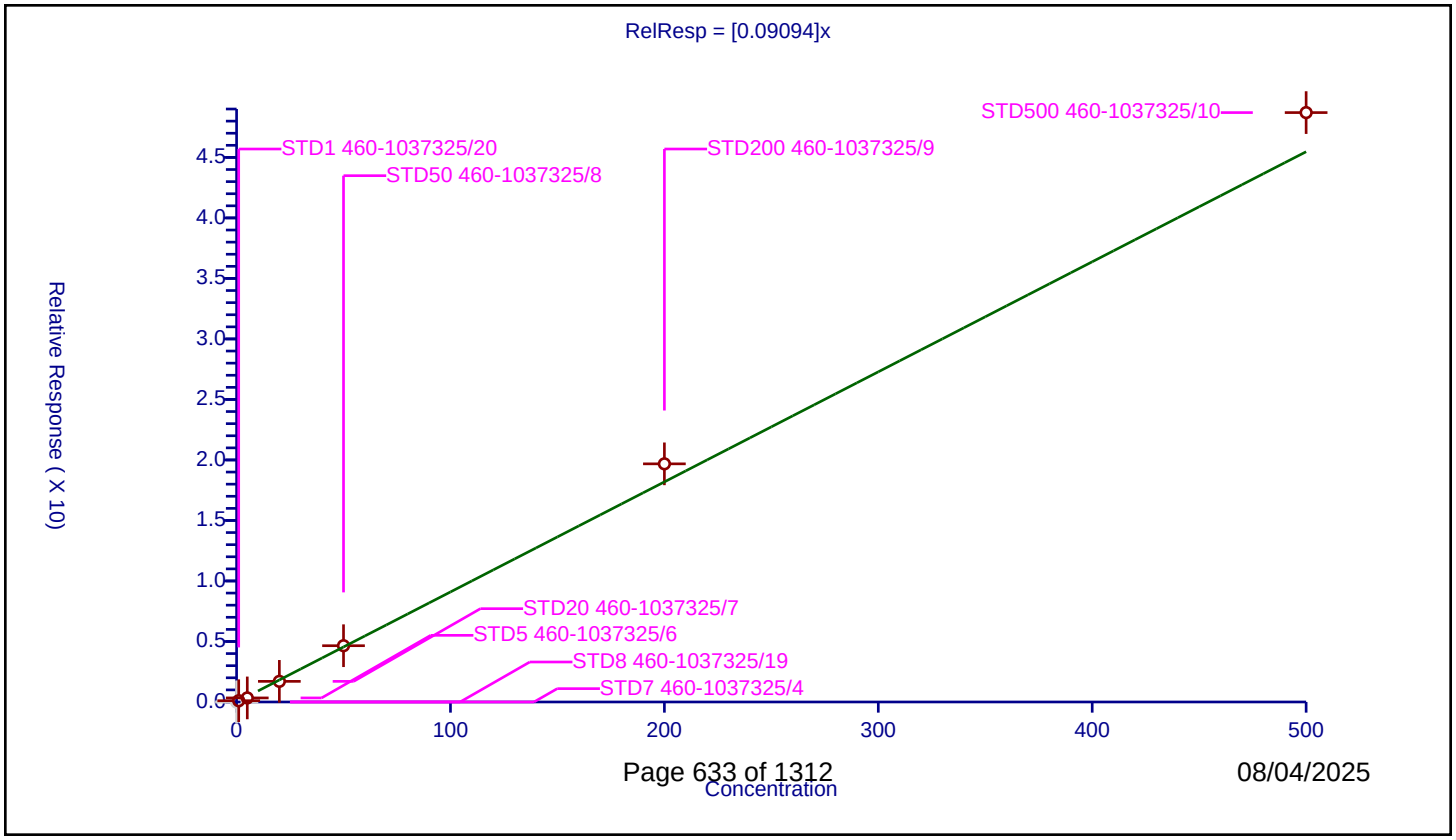
Curve Coefficients

Intercept:	0
Slope:	0.09094

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.104476	50.0	177075.0	0.104476	Y
4	STD5 460-1037325/6	5.0	0.335643	50.0	175186.0	0.067129	Y
5	STD20 460-1037325/7	20.0	1.704571	50.0	175176.0	0.085229	Y
6	STD50 460-1037325/8	50.0	4.650082	50.0	172212.0	0.093002	Y
7	STD200 460-1037325/9	200.0	19.680179	50.0	176505.0	0.098401	Y
8	STD500 460-1037325/10	500.0	48.70442	50.0	185554.0	0.097409	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

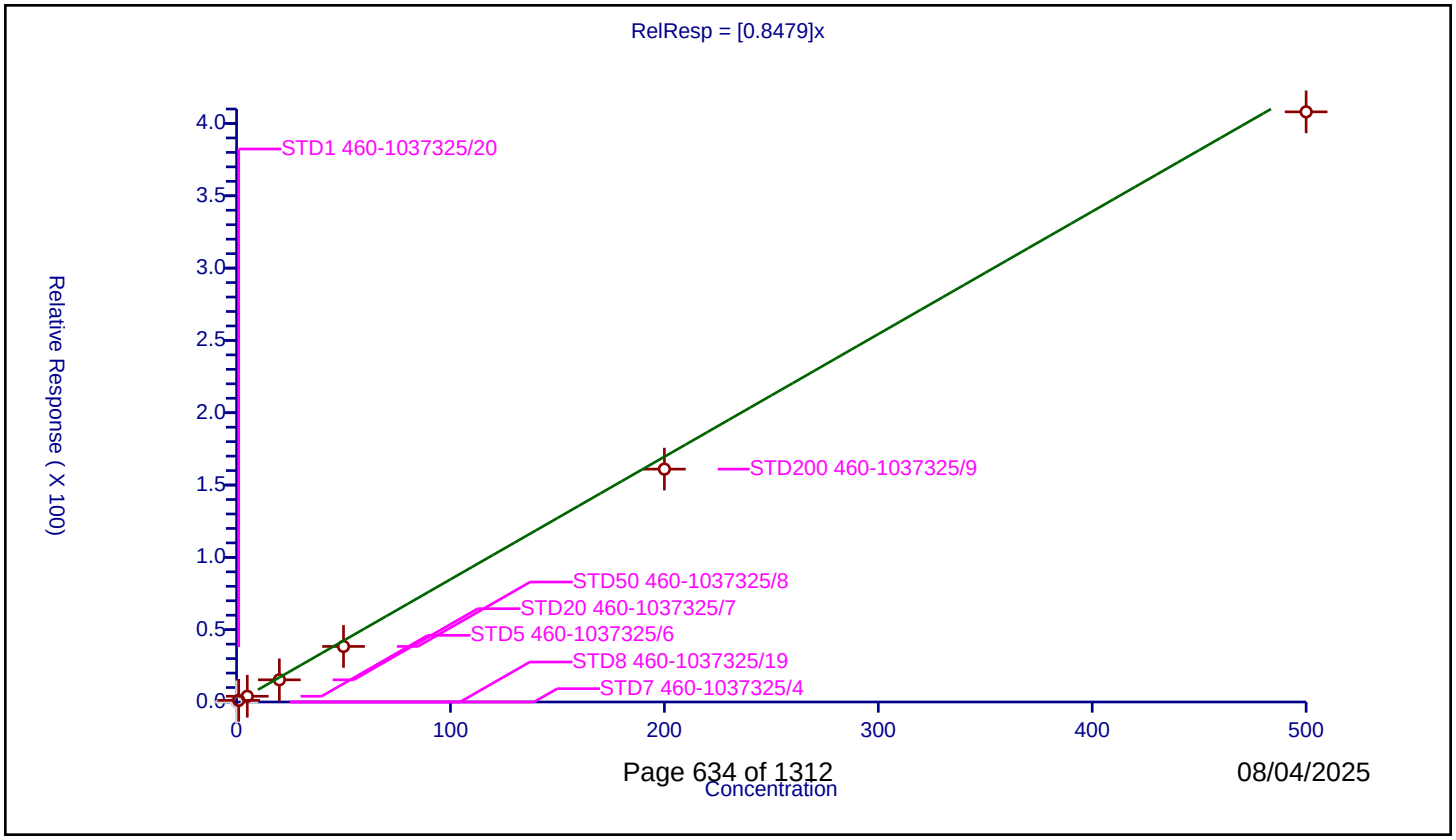
Curve Coefficients

Intercept:	0
Slope:	0.8479

Error Coefficients

Relative Standard Deviation:	17.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	1.138501	50.0	177075.0	1.138501	Y
4	STD5 460-1037325/6	5.0	3.96236	50.0	175186.0	0.792472	Y
5	STD20 460-1037325/7	20.0	15.33572	50.0	175176.0	0.766786	Y
6	STD50 460-1037325/8	50.0	38.41428	50.0	172212.0	0.768286	Y
7	STD200 460-1037325/9	200.0	161.017535	50.0	176505.0	0.805088	Y
8	STD500 460-1037325/10	500.0	408.044558	50.0	185554.0	0.816089	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

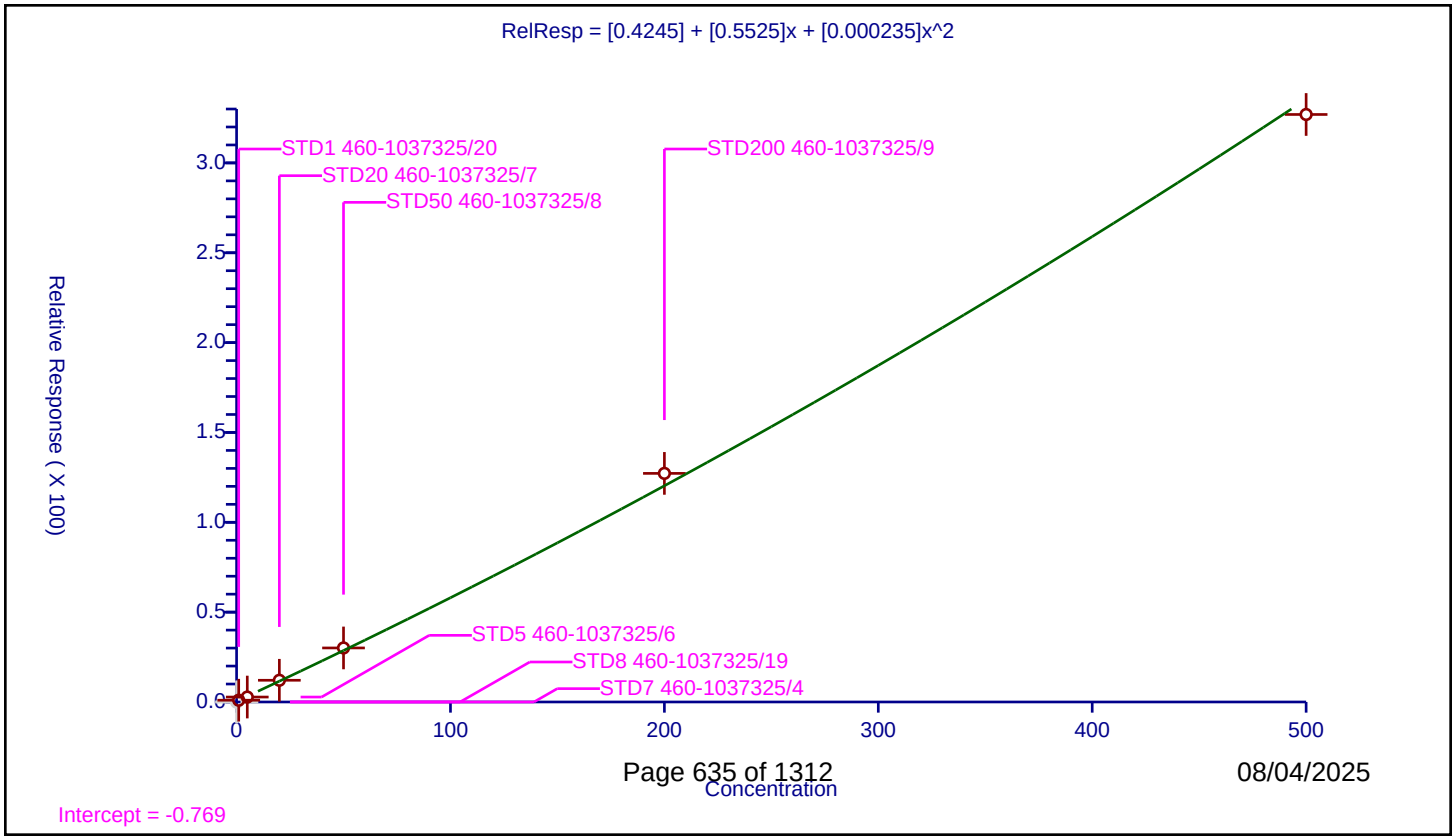
Curve Coefficients

Intercept:	0.4245
Slope:	0.5525
Second Order:	0.000235

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.9928	50.0	177075.0	0.9928	Y
4	STD5 460-1037325/6	5.0	2.751361	50.0	175186.0	0.550272	Y
5	STD20 460-1037325/7	20.0	12.090127	50.0	175176.0	0.604506	Y
6	STD50 460-1037325/8	50.0	30.077172	50.0	172212.0	0.601543	Y
7	STD200 460-1037325/9	200.0	127.222175	50.0	176505.0	0.636111	Y
8	STD500 460-1037325/10	500.0	326.951453	50.0	185554.0	0.653903	Y



Calibration / Hexachlorobutadiene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

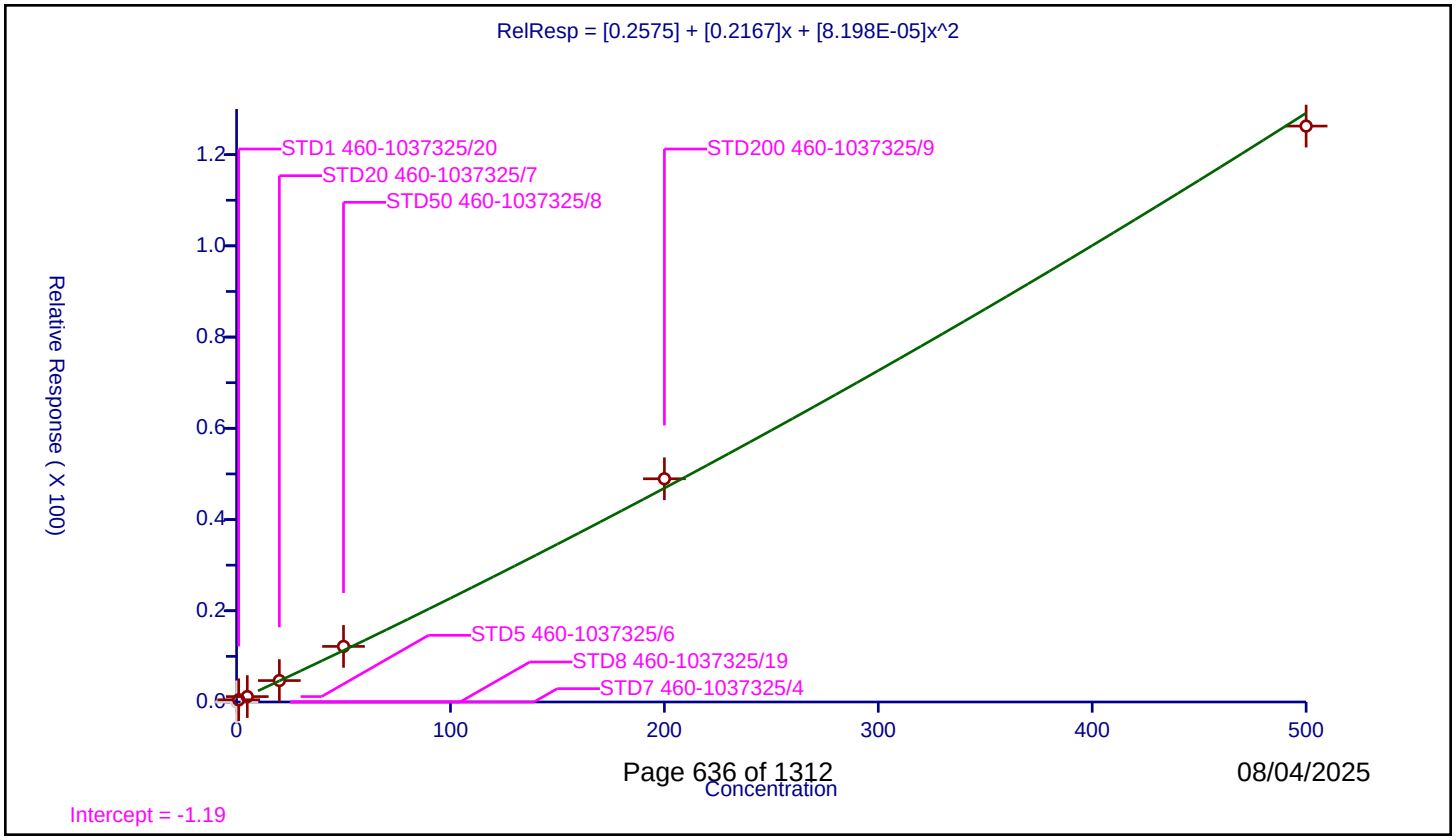
Curve Coefficients

Intercept:	0.2575
Slope:	0.2167
Second Order:	8.198E-05

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.480023	50.0	177075.0	0.480023	Y
4	STD5 460-1037325/6	5.0	1.184741	50.0	175186.0	0.236948	Y
5	STD20 460-1037325/7	20.0	4.697561	50.0	175176.0	0.234878	Y
6	STD50 460-1037325/8	50.0	12.185562	50.0	172212.0	0.243711	Y
7	STD200 460-1037325/9	200.0	48.933175	50.0	176505.0	0.244666	Y
8	STD500 460-1037325/10	500.0	126.256508	50.0	185554.0	0.252513	Y



Calibration / Naphthalene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

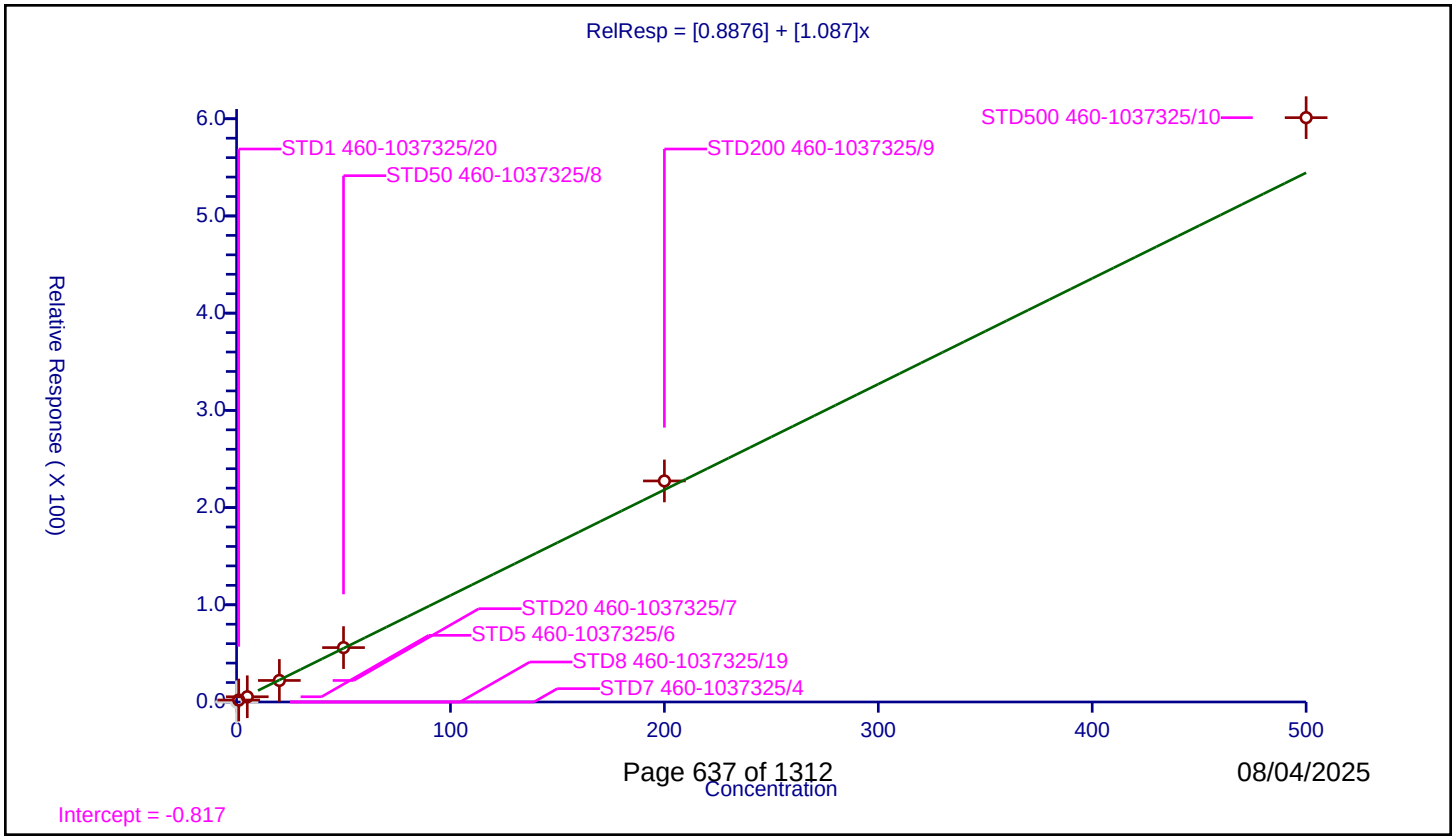
Curve Coefficients

Intercept:	0.8876
Slope:	1.087

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	2.012424	50.0	177075.0	2.012424	Y
4	STD5 460-1037325/6	5.0	5.391127	50.0	175186.0	1.078225	Y
5	STD20 460-1037325/7	20.0	22.144586	50.0	175176.0	1.107229	Y
6	STD50 460-1037325/8	50.0	55.941224	50.0	172212.0	1.118824	Y
7	STD200 460-1037325/9	200.0	227.392425	50.0	176505.0	1.136962	Y
8	STD500 460-1037325/10	500.0	601.113423	50.0	185554.0	1.202227	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

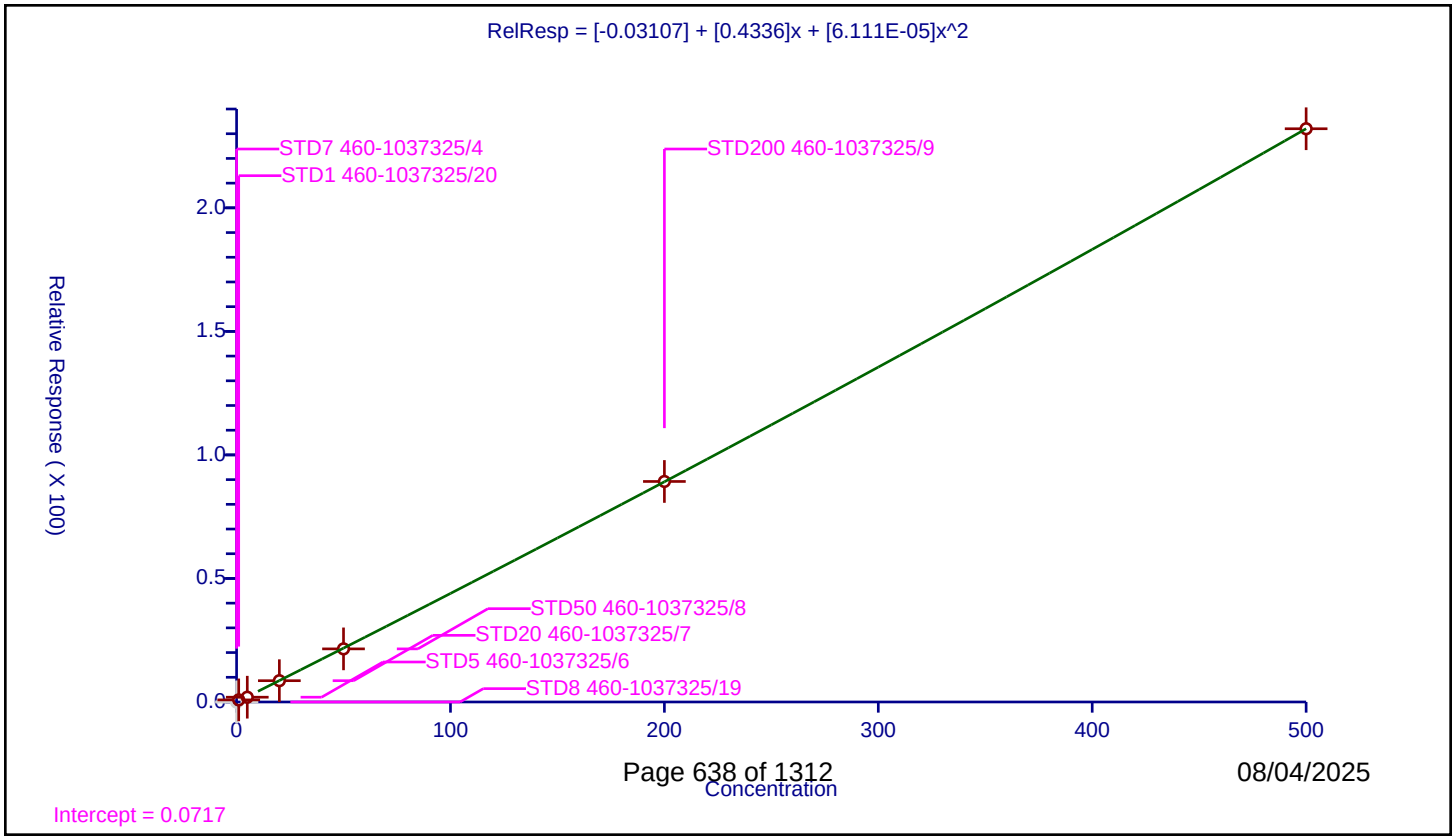
Curve Coefficients

Intercept:	-0.03107
Slope:	0.4336
Second Order:	6.111E-05

Error Coefficients

Relative Standard Deviation:	59.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-1037325/4	0.0	0.0	50.0	172293.0	NaN	N
2	STD8 460-1037325/19	0.2	0.0	50.0	174599.0	0.0	N
3	STD1 460-1037325/20	1.0	0.848793	50.0	177075.0	0.848793	Y
4	STD5 460-1037325/6	5.0	1.937369	50.0	175186.0	0.387474	Y
5	STD20 460-1037325/7	20.0	8.613908	50.0	175176.0	0.430695	Y
6	STD50 460-1037325/8	50.0	21.495889	50.0	172212.0	0.429918	Y
7	STD200 460-1037325/9	200.0	89.253279	50.0	176505.0	0.446266	Y
8	STD500 460-1037325/10	500.0	232.011975	50.0	185554.0	0.464024	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: ICV 460-1037325/21 Calibration Date: 05/14/2025 11:47

Instrument ID: CVOAMS1 Calib Start Date: 03/01/2025 15:41

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/01/2025 18:32

Lab File ID: A26575.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Ave	0.0161				20.0		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26575.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 14-May-2025 11:47:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0190761-021
Operator ID: Instrument ID: CVOAMS1
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:12:38 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: NN6A Date: 14-May-2025 21:12:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.510	1.510	0.000	92	6912	20.0	13.1	
4 Dichlorodifluoromethane	85	1.540	1.540	0.000	98	62308	20.0	17.3	
165 Chlorodifluoromethane	51	1.558	1.558	0.000	97	57187	20.0	18.8	
6 Chloromethane	50	1.728	1.728	0.000	99	67267	20.0	17.6	
7 Vinyl chloride	62	1.793	1.793	0.000	98	71700	20.0	21.4	
172 Butadiene	39	1.810	1.810	0.000	95	61245	20.0	20.2	
9 Bromomethane	94	2.069	2.069	0.000	99	42625	20.0	19.3	
10 Chloroethane	64	2.146	2.146	0.000	99	42376	20.0	18.8	
174 Dichlorofluoromethane	67	2.299	2.299	0.000	98	118144	20.0	19.3	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	98	88026	20.0	20.4	
13 Pentane	72	2.352	2.352	0.000	96	16752	40.0	56.5	
14 Ethanol	46	2.475	2.475	0.000	87	6999	800.0	793.9	
15 Ethyl ether	59	2.528	2.528	0.000	97	36214	20.0	18.5	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	94	47794	20.0	21.3	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.563	2.557	0.006	94	40399	20.0	18.5	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	96	71118	20.0	18.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	94	51291	20.0	22.1	
19 Acrolein	56	2.693	2.693	0.000	35	8008	39.5	31.7	
21 1,1-Dichloroethene	96	2.728	2.728	0.000	98	50396	20.0	20.3	
22 Acetone	58	2.805	2.810	-0.005	87	12206	100.0	89.0	
24 Isopropyl alcohol	45	2.869	2.863	0.006	91	17755	200.0	198.0	
23 Iodomethane	142	2.887	2.887	0.000	97	57322	20.0	18.4	
25 Carbon disulfide	76	2.922	2.922	0.000	99	168993	20.0	20.5	
27 Methyl acetate	43	3.028	3.028	0.000	61	39715	40.0	38.6	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	92	34231	20.0	19.6	
166 Cyclopentene	67	3.052	3.052	0.000	89	102406	20.0	15.0	
29 Acetonitrile	41	3.093	3.099	-0.006	98	33128	200.0	172.2	
* 30 TBA-d9 (IS)	65	3.110	3.110	0.000	0	119381	1000.0	1000.0	
31 Methylene Chloride	84	3.152	3.152	0.000	95	56233	20.0	19.4	
32 2-Methyl-2-propanol	59	3.181	3.181	0.000	96	27034	200.0	191.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.299	3.299	0.000	97	117680	20.0	19.1	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	94	54926	20.0	19.2	
35 Acrylonitrile	53	3.404	3.404	0.000	96	101060	200.0	186.8	
36 Hexane	43	3.481	3.481	0.000	95	31147	20.0	20.3	
37 Isopropyl ether	45	3.675	3.675	0.000	97	152074	20.0	18.8	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	85	102424	20.0	20.0	
39 Vinyl acetate	86	3.728	3.728	0.000	100	13709	40.0	36.2	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	91	49356	20.0	20.0	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	89	138435	20.0	18.4	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	135824	250.0	250.0	
43 2,2-Dichloropropane	97	4.222	4.222	0.000	91	19794	20.0	19.8	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	97	62692	20.0	19.4	
46 Ethyl acetate	70	4.251	4.257	-0.006	94	6806	40.0	36.1	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	97	17160	100.0	88.9	
47 Methyl acrylate	55	4.316	4.316	0.000	99	27101	20.0	18.2	
48 Propionitrile	54	4.399	4.404	-0.005	98	36927	200.0	182.4	
50 Chlorobromomethane	128	4.487	4.487	0.000	84	25908	20.0	19.7	
49 Tetrahydrofuran	42	4.499	4.493	0.006	57	23929	40.0	42.7	
51 Methacrylonitrile	67	4.510	4.510	0.000	92	131687	200.0	186.2	
52 Chloroform	83	4.534	4.534	0.000	99	100507	20.0	19.6	
53 Cyclohexane	56	4.681	4.681	0.000	91	82353	20.0	22.1	
54 1,1,1-Trichloroethane	97	4.693	4.693	0.000	76	86558	20.0	19.9	
$ 55 Dibromofluoromethane (Surr)	113	4.699	4.699	0.000	96	132887	50.0	51.0	
56 Carbon tetrachloride	117	4.822	4.822	0.000	98	71528	20.0	20.5	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	97	74346	20.0	19.5	
58 Isobutyl alcohol	43	4.951	4.946	0.005	95	27742	500.0	461.2	
59 Isooctane	57	5.016	5.022	-0.006	98	88239	20.0	19.7	
60 Benzene	78	5.063	5.069	-0.006	95	220586	20.0	19.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	131624	50.0	50.7	
62 Isopropyl acetate	61	5.098	5.104	-0.006	98	15923	20.0	18.6	
63 Tert-amyl methyl ether	87	5.110	5.110	0.000	97	37045	20.0	19.1	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	97	61018	20.0	18.0	
65 n-Heptane	71	5.204	5.210	-0.006	91	23181	20.0	19.7	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	521759	50.0	50.0	
67 n-Butanol	56	5.675	5.675	0.000	86	17847	500.0	438.2	
68 Trichloroethene	95	5.751	5.757	-0.006	98	60267	20.0	20.0	
69 Ethyl acrylate	99	5.869	5.881	-0.012	93	5514	20.0	19.0	
70 Methylcyclohexane	83	5.887	5.893	-0.006	90	66187	20.0	21.3	
71 1,2-Dichloropropane	63	6.081	6.075	0.006	90	55067	20.0	18.9	
* 73 1,4-Dioxane-d8	96	6.128	6.134	-0.006	0	14606	1000.0	1000.0	
72 Methyl methacrylate	69	6.145	6.151	-0.006	85	48108	40.0	36.3	
75 1,4-Dioxane	88	6.193	6.198	-0.005	69	6209	400.0	391.9	
74 n-Propyl acetate	43	6.204	6.204	0.000	99	40871	20.0	18.4	
76 Dibromomethane	93	6.222	6.222	0.000	96	27864	20.0	19.0	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	73855	20.0	19.3	
79 2-Nitropropane	41	6.763	6.757	0.006	97	16057	40.0	38.7	
80 Epichlorohydrin	57	6.887	6.887	0.000	1	3077	20.0	26.6	Ma
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	92	83475	20.0	17.4	
82 4-Methyl-2-pentanone (MIBK)	43	7.128	7.128	0.000	96	130952	100.0	93.7	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	489314	50.0	50.2	
84 Toluene	91	7.316	7.316	0.000	95	221372	20.0	19.1	
86 trans-1,3-Dichloropropene	75	7.722	7.722	0.000	98	73390	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.751	7.745	0.006	90	47196	20.0	18.1	
87 1,1,2-Trichloroethane	83	7.987	7.987	0.000	98	35213	20.0	21.0	
88 Tetrachloroethene	166	8.039	8.034	0.005	97	52388	20.0	19.7	
89 1,3-Dichloropropane	76	8.257	8.257	0.000	93	67069	20.0	19.2	
90 2-Hexanone	58	8.339	8.339	0.000	96	50497	100.0	94.4	
91 n-Butyl acetate	73	8.492	8.492	0.000	99	8780	20.0	20.0	
92 Chlorodibromomethane	129	8.563	8.563	0.000	98	46592	20.0	19.1	
93 Ethylene Dibromide	107	8.763	8.763	0.000	97	37703	20.0	18.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	87	361569	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	94	139206	20.0	19.1	
96 Ethylbenzene	106	9.433	9.433	0.000	98	76727	20.0	18.9	
97 1,1,1,2-Tetrachloroethane	131	9.445	9.445	0.000	95	49445	20.0	20.1	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	95858	20.0	19.6	
99 n-Butyl acrylate	73	9.933	9.933	0.000	98	28450	20.0	17.7	
100 o-Xylene	106	9.951	9.951	0.000	93	92085	20.0	19.3	
101 Styrene	104	9.975	9.975	0.000	96	155323	20.0	19.8	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	91	55922	20.0	18.8	
103 Bromoform	173	10.157	10.157	0.000	93	24218	20.0	18.4	
104 Isopropylbenzene	105	10.257	10.251	0.006	96	230745	20.0	21.8	
$ 105 4-Bromofluorobenzene	174	10.422	10.416	0.006	89	138077	50.0	50.3	
107 Bromobenzene	156	10.528	10.528	0.000	98	52780	20.0	18.6	
106 1,1,2,2-Tetrachloroethane	83	10.563	10.557	0.006	98	37612	20.0	19.3	
108 N-Propylbenzene	91	10.580	10.575	0.005	99	273950	20.0	20.1	
110 1,2,3-Trichloropropane	110	10.598	10.592	0.006	96	11255	20.0	20.4	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.604	0.006	94	10360	20.0	17.6	
112 2-Chlorotoluene	91	10.663	10.657	0.006	96	186204	20.0	19.4	
169 4-Ethyltoluene	105	10.669	10.657	0.012	88	219189	20.0	19.4	
113 1,3,5-Trimethylbenzene	105	10.716	10.704	0.012	93	177897	20.0	20.1	
115 4-Chlorotoluene	91	10.751	10.745	0.006	98	171844	20.0	19.6	
114 Butyl Methacrylate	87	10.786	10.775	0.011	88	60347	20.0	18.9	
116 tert-Butylbenzene	119	10.939	10.928	0.011	93	144303	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	10.986	10.969	0.017	98	179033	20.0	19.6	
118 sec-Butylbenzene	134	11.092	11.069	0.023	99	41148	20.0	19.4	
119 4-Isopropyltoluene	119	11.186	11.163	0.023	97	167191	20.0	18.5	
120 1,3-Dichlorobenzene	146	11.198	11.175	0.023	96	98404	20.0	18.9	
* 121 1,4-Dichlorobenzene-d4	152	11.245	11.222	0.023	94	172092	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.263	11.239	0.024	95	100774	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	11.269	11.251	0.018	98	174285	20.0	18.8	
124 Benzyl chloride	91	11.363	11.339	0.024	98	72854	20.0	18.7	
162 2,3-Dihydroindene	117	11.410	11.386	0.024	94	173208	20.0	20.5	
164 p-Diethylbenzene	119	11.439	11.416	0.023	93	99007	20.0	18.6	
127 n-Butylbenzene	92	11.457	11.433	0.024	98	85513	20.0	19.6	
128 1,2-Dichlorobenzene	146	11.522	11.498	0.024	97	85924	20.0	19.1	
163 1,2,4,5-Tetramethylbenzene	119	11.992	11.963	0.029	98	138581	20.0	18.2	
130 1,2-Dibromo-3-Chloropropane	157	12.098	12.069	0.029	95	5724	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	12.198	12.169	0.029	96	50829	20.0	17.4	
132 1,2,4-Trichlorobenzene	180	12.733	12.698	0.035	93	41385	20.0	20.8	
133 Hexachlorobutadiene	225	12.816	12.780	0.036	93	18445	20.0	23.3	
134 Naphthalene	128	12.974	12.945	0.029	99	73859	20.0	18.9	
135 1,2,3-Trichlorobenzene	180	13.204	13.174	0.030	95	29307	20.0	19.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.7	
S 137 Xylenes, Total	100				0		40.0	38.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00622	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00177	Amount Added:	4.00	Units: uL	
8260 SP_00192	Amount Added:	20.00	Units: uL	
7 Freons SS_00028	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:12:57 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26575.D

Injection Date: 14-May-2025 11:47:30 Instrument ID: CVOAMS1 Operator ID:

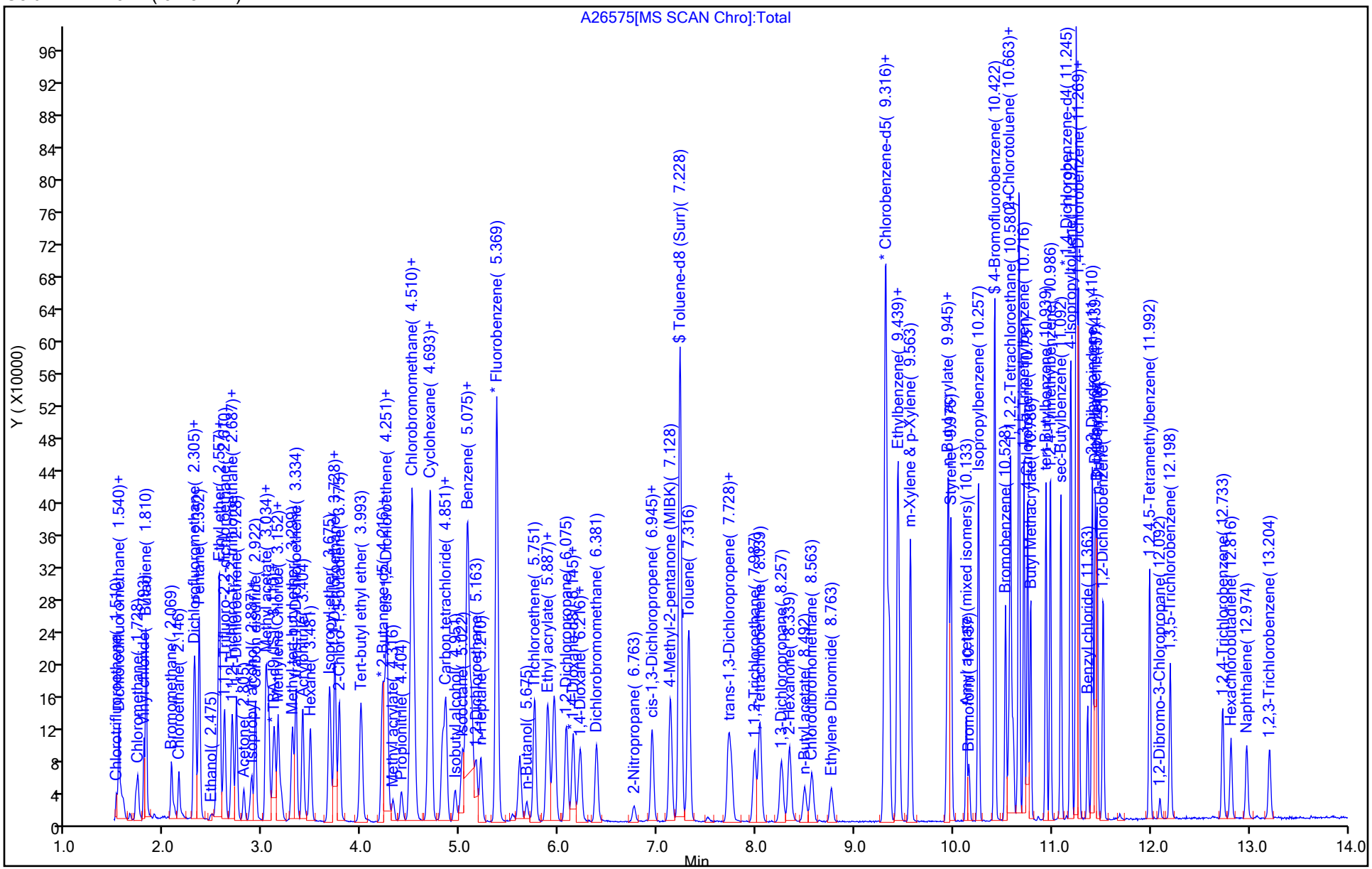
Lims ID: ICV Worklist Smp#: 21

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: ICV 460-1037325/21 Calibration Date: 05/14/2025 11:47

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A26575.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0504	0.0331		13.1	20.0	-34.3*	30.0
Dichlorodifluoromethane	Ave	0.3447	0.2985	0.1000	17.3	20.0	-13.4	30.0
Chlorodifluoromethane	Ave	0.2916	0.2740		18.8	20.0	-6.0	30.0
Chloromethane	Ave	0.3671	0.3223	0.0050	17.6	20.0	-12.2	30.0
Vinyl chloride	Ave	0.3206	0.3435	0.0050	21.4	20.0	7.2	30.0
Butadiene	Ave	0.2912	0.2935		20.2	20.0	0.8	30.0
Bromomethane	Ave	0.2111	0.2042	0.0050	19.3	20.0	-3.3	30.0
Chloroethane	Ave	0.2159	0.2030	0.0050	18.8	20.0	-6.0	30.0
Dichlorofluoromethane	Ave	0.5861	0.5661		19.3	20.0	-3.4	30.0
Trichlorofluoromethane	Ave	0.4143	0.4218	0.1000	20.4	20.0	1.8	30.0
Pentane	QuaF		3.508		56.5	40.0	41.3*	30.0
Ethanol	Lin2		0.0733		794	800	-0.8	30.0
Ethyl ether	Lin2		0.1735		18.5	20.0	-7.5	30.0
2-Methyl-1,3-butadiene	Ave	0.2154	0.2290		21.3	20.0	6.3	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2092	0.1936		18.5	20.0	-7.5	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3598	0.3408		18.9	20.0	-5.3	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2229	0.2458	0.1000	22.1	20.0	10.3	30.0
Acrolein	Lin2		1.698		31.7	39.5	-19.8	30.0
1,1-Dichloroethene	Ave	0.2381	0.2415	0.1000	20.3	20.0	1.4	30.0
Acetone	Ave	0.2526	0.2247	0.0010	89.0	100	-11.0	30.0
Isopropyl alcohol	Ave	0.7510	0.7436		198	200	-1.0	30.0
Iodomethane	Ave	0.2991	0.2747		18.4	20.0	-8.2	30.0
Carbon disulfide	Ave	0.7910	0.8097	0.1000	20.5	20.0	2.4	30.0
3-Chloro-1-propene	Ave	0.1671	0.1640		19.6	20.0	-1.9	30.0
Methyl acetate	Ave	8.613	8.317	0.0500	38.6	40.0	-3.4	30.0
Cyclopentene	Ave	0.6524	0.4907		15.0	20.0	-24.8	30.0
Acetonitrile	Ave	1.612	1.387		172	200	-13.9	30.0
Methylene Chloride	Ave	0.2771	0.2694	0.1000	19.4	20.0	-2.8	30.0
2-Methyl-2-propanol	Ave	1.182	1.132		192	200	-4.2	30.0
Methyl tert-butyl ether	Ave	0.5907	0.5639	0.1000	19.1	20.0	-4.5	30.0
trans-1,2-Dichloroethene	Ave	0.2738	0.2632	0.1000	19.2	20.0	-3.9	30.0
Acrylonitrile	Ave	0.0518	0.0484		187	200	-6.6	30.0
Hexane	Ave	0.1473	0.1492		20.3	20.0	1.3	30.0
Isopropyl ether	Ave	0.7762	0.7287		18.8	20.0	-6.1	30.0
1,1-Dichloroethane	Ave	0.4915	0.4908	0.2000	20.0	20.0	-0.2	30.0
Vinyl acetate	Ave	3.175	2.871		36.2	40.0	-9.6	30.0
2-Chloro-1,3-butadiene	Ave	0.2370	0.2365		20.0	20.0	-0.2	30.0
Tert-butyl ethyl ether	Ave	0.7213	0.6633		18.4	20.0	-8.0	30.0
2,2-Dichloropropane	Ave	0.0959	0.0948		19.8	20.0	-1.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: ICV 460-1037325/21 Calibration Date: 05/14/2025 11:47

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A26575.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3092	0.3004	0.1000	19.4	20.0	-2.9	30.0
Ethyl acetate	Qua		0.3132		36.1	40.0	-9.8	30.0
2-Butanone (MEK)	Ave	0.3554	0.3158	0.0100	88.9	100	-11.1	30.0
Methyl acrylate	Ave	0.1427	0.1299		18.2	20.0	-9.0	30.0
Propionitrile	Ave	1.696	1.547		182	200	-8.8	30.0
Chlorobromomethane	Ave	0.1260	0.1241		19.7	20.0	-1.5	30.0
Tetrahydrofuran	Lin2		1.101		42.7	40.0	6.8	30.0
Methacrylonitrile	Ave	0.0678	0.0631		186	200	-6.9	30.0
Chloroform	Ave	0.4923	0.4816	0.2000	19.6	20.0	-2.2	30.0
Cyclohexane	Ave	0.3571	0.3946	0.1000	22.1	20.0	10.5	30.0
1,1,1-Trichloroethane	Ave	0.4161	0.4147	0.1000	19.9	20.0	-0.3	30.0
Carbon tetrachloride	Ave	0.3338	0.3427	0.1000	20.5	20.0	2.7	30.0
1,1-Dichloropropene	Ave	0.3652	0.3562		19.5	20.0	-2.5	30.0
Isobutyl alcohol	Ave	0.5039	0.4648		461	500	-7.8	30.0
Isooctane	Ave	0.4284	0.4228		19.7	20.0	-1.3	30.0
Benzene	Ave	1.591	1.525	0.5000	19.2	20.0	-4.1	30.0
Isopropyl acetate	Lin2		0.0763		18.6	20.0	-6.8	30.0
Tert-amyl methyl ether	Ave	0.1857	0.1775		19.1	20.0	-4.4	30.0
1,2-Dichloroethane	Ave	0.3248	0.2924	0.1000	18.0	20.0	-10.0	30.0
n-Heptane	Ave	0.1125	0.1111		19.7	20.0	-1.3	30.0
n-Butanol	Ave	0.3412	0.2990		438	500	-12.4	30.0
Trichloroethene	Ave	0.2893	0.2888	0.2000	20.0	20.0	-0.2	30.0
Ethyl acrylate	Ave	0.0278	0.0264		19.0	20.0	-4.9	30.0
Methylcyclohexane	Ave	0.2981	0.3171	0.1000	21.3	20.0	6.4	30.0
1,2-Dichloropropane	Ave	0.2790	0.2639	0.1000	18.9	20.0	-5.4	30.0
Methyl methacrylate	Ave	0.1268	0.1153		36.3	40.0	-9.1	30.0
1,4-Dioxane	Ave	1.085	1.063		392	400	-2.0	30.0
n-Propyl acetate	Ave	0.2130	0.1958		18.4	20.0	-8.0	30.0
Dibromomethane	Ave	0.1402	0.1335		19.0	20.0	-4.8	30.0
Dichlorobromomethane	Ave	0.3673	0.3539	0.2000	19.3	20.0	-3.6	30.0
2-Nitropropane	Lin2		0.0385		38.7	40.0	-3.2	30.0
Epichlorohydrin	Ave	0.2131	0.2832		26.6	20.0	32.9*	30.0
cis-1,3-Dichloropropene	Ave	0.6632	0.5772	0.2000	17.4	20.0	-13.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.572	2.410	0.0500	93.7	100	-6.3	30.0
Toluene	Ave	1.599	1.531	0.4000	19.1	20.0	-4.3	30.0
trans-1,3-Dichloropropene	Ave	0.5345	0.5074	0.1000	19.0	20.0	-5.1	30.0
Ethyl methacrylate	Ave	0.2498	0.2261		18.1	20.0	-9.5	30.0
1,1,2-Trichloroethane	Ave	0.2321	0.2435	0.1000	21.0	20.0	4.9	30.0
Tetrachloroethene	Ave	0.3686	0.3622	0.2000	19.7	20.0	-1.7	30.0
1,3-Dichloropropane	Ave	0.4833	0.4637		19.2	20.0	-4.0	30.0
2-Hexanone	Ave	0.9849	0.9295	0.0500	94.4	100	-5.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: ICV 460-1037325/21 Calibration Date: 05/14/2025 11:47

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A26575.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.0608	0.0607		20.0	20.0	-0.2	30.0
Chlorodibromomethane	Lin2		0.3222	0.1000	19.1	20.0	-4.7	30.0
Ethylene Dibromide	Ave	0.2765	0.2607	0.1000	18.9	20.0	-5.7	30.0
Chlorobenzene	Ave	1.010	0.9625	0.5000	19.1	20.0	-4.7	30.0
Ethylbenzene	Ave	0.5607	0.5305	0.1000	18.9	20.0	-5.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3399	0.3419		20.1	20.0	0.6	30.0
m-Xylene & p-Xylene	Ave	0.6776	0.6628	0.1000	19.6	20.0	-2.2	30.0
n-Butyl acrylate	Ave	0.2220	0.1967		17.7	20.0	-11.4	30.0
o-Xylene	Ave	0.6601	0.6367	0.3000	19.3	20.0	-3.5	30.0
Styrene	Ave	1.087	1.074	0.3000	19.8	20.0	-1.2	30.0
Amyl acetate (mixed isomers)	Ave	0.8646	0.8124		18.8	20.0	-6.0	30.0
Bromoform	Ave	0.1816	0.1675	0.1000	18.4	20.0	-7.8	30.0
Isopropylbenzene	Ave	1.465	1.595	0.1000	21.8	20.0	8.9	30.0
Bromobenzene	Ave	0.8239	0.7667		18.6	20.0	-6.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5652	0.5464	0.3000	19.3	20.0	-3.3	30.0
N-Propylbenzene	Ave	3.965	3.980		20.1	20.0	0.4	30.0
1,2,3-Trichloropropane	Ave	0.1606	0.1635		20.4	20.0	1.8	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1715	0.1505		17.6	20.0	-12.2	30.0
2-Chlorotoluene	Ave	2.786	2.705		19.4	20.0	-2.9	30.0
4-Ethyltoluene	Ave	3.278	3.184		19.4	20.0	-2.8	30.0
1,3,5-Trimethylbenzene	Ave	2.577	2.584		20.1	20.0	0.3	30.0
4-Chlorotoluene	Ave	2.542	2.496		19.6	20.0	-1.8	30.0
Butyl Methacrylate	Ave	0.9274	0.8767		18.9	20.0	-5.5	30.0
tert-Butylbenzene	Ave	2.116	2.096		19.8	20.0	-0.9	30.0
1,2,4-Trimethylbenzene	Ave	2.654	2.601		19.6	20.0	-2.0	30.0
sec-Butylbenzene	Ave	0.6153	0.5978		19.4	20.0	-2.9	30.0
4-Isopropyltoluene	Ave	2.625	2.429		18.5	20.0	-7.5	30.0
1,3-Dichlorobenzene	Ave	1.513	1.430	0.6000	18.9	20.0	-5.5	30.0
1,4-Dichlorobenzene	Ave	1.559	1.464	0.5000	18.8	20.0	-6.1	30.0
1,2,3-Trimethylbenzene	Ave	2.699	2.532		18.8	20.0	-6.2	30.0
Benzyl chloride	Ave	1.132	1.058		18.7	20.0	-6.5	30.0
Indan	Ave	2.460	2.516		20.5	20.0	2.3	30.0
p-Diethylbenzene	Ave	1.549	1.438		18.6	20.0	-7.1	30.0
n-Butylbenzene	Ave	1.265	1.242		19.6	20.0	-1.8	30.0
1,2-Dichlorobenzene	Ave	1.309	1.248	0.4000	19.1	20.0	-4.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.210	2.013		18.2	20.0	-8.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.0909	0.0832	0.0500	18.3	20.0	-8.6	30.0
1,3,5-Trichlorobenzene	Ave	0.8479	0.7384		17.4	20.0	-12.9	30.0
1,2,4-Trichlorobenzene	Qua2		0.6012	0.2000	20.8	20.0	4.1	30.0
Hexachlorobutadiene	Qua2		0.2680		23.3	20.0	16.7	30.0
Naphthalene	Lin2		1.073		18.9	20.0	-5.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: ICV 460-1037325/21 Calibration Date: 05/14/2025 11:47

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A26575.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Qua		0.4257		19.7	20.0	-1.7	30.0
Dibromofluoromethane (Surr)	Ave	0.2497	0.2547		51.0	50.0	2.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2488	0.2523		50.7	50.0	1.4	30.0
Toluene-d8 (Surr)	Ave	1.348	1.353		50.2	50.0	0.4	30.0
4-Bromofluorobenzene	Ave	0.3797	0.3819		50.3	50.0	0.6	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26575.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 14-May-2025 11:47:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0190761-021
Operator ID: Instrument ID: CVOAMS1
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-May-2025 21:12:38 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: NN6A Date: 14-May-2025 21:12:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.510	1.510	0.000	92	6912	20.0	13.1	
4 Dichlorodifluoromethane	85	1.540	1.540	0.000	98	62308	20.0	17.3	
165 Chlorodifluoromethane	51	1.558	1.558	0.000	97	57187	20.0	18.8	
6 Chloromethane	50	1.728	1.728	0.000	99	67267	20.0	17.6	
7 Vinyl chloride	62	1.793	1.793	0.000	98	71700	20.0	21.4	
172 Butadiene	39	1.810	1.810	0.000	95	61245	20.0	20.2	
9 Bromomethane	94	2.069	2.069	0.000	99	42625	20.0	19.3	
10 Chloroethane	64	2.146	2.146	0.000	99	42376	20.0	18.8	
174 Dichlorofluoromethane	67	2.299	2.299	0.000	98	118144	20.0	19.3	
12 Trichlorofluoromethane	101	2.310	2.310	0.000	98	88026	20.0	20.4	
13 Pentane	72	2.352	2.352	0.000	96	16752	40.0	56.5	
14 Ethanol	46	2.475	2.475	0.000	87	6999	800.0	793.9	
15 Ethyl ether	59	2.528	2.528	0.000	97	36214	20.0	18.5	
16 2-Methyl-1,3-butadiene	53	2.552	2.552	0.000	94	47794	20.0	21.3	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.563	2.557	0.006	94	40399	20.0	18.5	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.610	2.610	0.000	96	71118	20.0	18.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.687	2.687	0.000	94	51291	20.0	22.1	
19 Acrolein	56	2.693	2.693	0.000	35	8008	39.5	31.7	
21 1,1-Dichloroethene	96	2.728	2.728	0.000	98	50396	20.0	20.3	
22 Acetone	58	2.805	2.810	-0.005	87	12206	100.0	89.0	
24 Isopropyl alcohol	45	2.869	2.863	0.006	91	17755	200.0	198.0	
23 Iodomethane	142	2.887	2.887	0.000	97	57322	20.0	18.4	
25 Carbon disulfide	76	2.922	2.922	0.000	99	168993	20.0	20.5	
27 Methyl acetate	43	3.028	3.028	0.000	61	39715	40.0	38.6	
161 3-Chloro-1-propene	76	3.028	3.028	0.000	92	34231	20.0	19.6	
166 Cyclopentene	67	3.052	3.052	0.000	89	102406	20.0	15.0	
29 Acetonitrile	41	3.093	3.099	-0.006	98	33128	200.0	172.2	
* 30 TBA-d9 (IS)	65	3.110	3.110	0.000	0	119381	1000.0	1000.0	
31 Methylene Chloride	84	3.152	3.152	0.000	95	56233	20.0	19.4	
32 2-Methyl-2-propanol	59	3.181	3.181	0.000	96	27034	200.0	191.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.299	3.299	0.000	97	117680	20.0	19.1	
34 trans-1,2-Dichloroethene	96	3.334	3.334	0.000	94	54926	20.0	19.2	
35 Acrylonitrile	53	3.404	3.404	0.000	96	101060	200.0	186.8	
36 Hexane	43	3.481	3.481	0.000	95	31147	20.0	20.3	
37 Isopropyl ether	45	3.675	3.675	0.000	97	152074	20.0	18.8	
38 1,1-Dichloroethane	63	3.728	3.728	0.000	85	102424	20.0	20.0	
39 Vinyl acetate	86	3.728	3.728	0.000	100	13709	40.0	36.2	
40 2-Chloro-1,3-butadiene	88	3.775	3.775	0.000	91	49356	20.0	20.0	
41 Tert-butyl ethyl ether	59	3.993	3.993	0.000	89	138435	20.0	18.4	
* 42 2-Butanone-d5	46	4.204	4.204	0.000	0	135824	250.0	250.0	
43 2,2-Dichloropropane	97	4.222	4.222	0.000	91	19794	20.0	19.8	
44 cis-1,2-Dichloroethene	96	4.251	4.251	0.000	97	62692	20.0	19.4	
46 Ethyl acetate	70	4.251	4.257	-0.006	94	6806	40.0	36.1	
45 2-Butanone (MEK)	72	4.263	4.263	0.000	97	17160	100.0	88.9	
47 Methyl acrylate	55	4.316	4.316	0.000	99	27101	20.0	18.2	
48 Propionitrile	54	4.399	4.404	-0.005	98	36927	200.0	182.4	
50 Chlorobromomethane	128	4.487	4.487	0.000	84	25908	20.0	19.7	
49 Tetrahydrofuran	42	4.499	4.493	0.006	57	23929	40.0	42.7	
51 Methacrylonitrile	67	4.510	4.510	0.000	92	131687	200.0	186.2	
52 Chloroform	83	4.534	4.534	0.000	99	100507	20.0	19.6	
53 Cyclohexane	56	4.681	4.681	0.000	91	82353	20.0	22.1	
54 1,1,1-Trichloroethane	97	4.693	4.693	0.000	76	86558	20.0	19.9	
$ 55 Dibromofluoromethane (Surr)	113	4.699	4.699	0.000	96	132887	50.0	51.0	
56 Carbon tetrachloride	117	4.822	4.822	0.000	98	71528	20.0	20.5	
57 1,1-Dichloropropene	75	4.851	4.851	0.000	97	74346	20.0	19.5	
58 Isobutyl alcohol	43	4.951	4.946	0.005	95	27742	500.0	461.2	
59 Isooctane	57	5.016	5.022	-0.006	98	88239	20.0	19.7	
60 Benzene	78	5.063	5.069	-0.006	95	220586	20.0	19.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.081	5.081	0.000	0	131624	50.0	50.7	
62 Isopropyl acetate	61	5.098	5.104	-0.006	98	15923	20.0	18.6	
63 Tert-amyl methyl ether	87	5.110	5.110	0.000	97	37045	20.0	19.1	
64 1,2-Dichloroethane	62	5.163	5.163	0.000	97	61018	20.0	18.0	
65 n-Heptane	71	5.204	5.210	-0.006	91	23181	20.0	19.7	
* 66 Fluorobenzene	96	5.369	5.369	0.000	99	521759	50.0	50.0	
67 n-Butanol	56	5.675	5.675	0.000	86	17847	500.0	438.2	
68 Trichloroethene	95	5.751	5.757	-0.006	98	60267	20.0	20.0	
69 Ethyl acrylate	99	5.869	5.881	-0.012	93	5514	20.0	19.0	
70 Methylcyclohexane	83	5.887	5.893	-0.006	90	66187	20.0	21.3	
71 1,2-Dichloropropane	63	6.081	6.075	0.006	90	55067	20.0	18.9	
* 73 1,4-Dioxane-d8	96	6.128	6.134	-0.006	0	14606	1000.0	1000.0	
72 Methyl methacrylate	69	6.145	6.151	-0.006	85	48108	40.0	36.3	
75 1,4-Dioxane	88	6.193	6.198	-0.005	69	6209	400.0	391.9	
74 n-Propyl acetate	43	6.204	6.204	0.000	99	40871	20.0	18.4	
76 Dibromomethane	93	6.222	6.222	0.000	96	27864	20.0	19.0	
77 Dichlorobromomethane	83	6.381	6.381	0.000	99	73855	20.0	19.3	
79 2-Nitropropane	41	6.763	6.757	0.006	97	16057	40.0	38.7	
80 Epichlorohydrin	57	6.887	6.887	0.000	1	3077	20.0	26.6	Ma
81 cis-1,3-Dichloropropene	75	6.945	6.945	0.000	92	83475	20.0	17.4	
82 4-Methyl-2-pentanone (MIBK)	43	7.128	7.128	0.000	96	130952	100.0	93.7	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	489314	50.0	50.2	
84 Toluene	91	7.316	7.316	0.000	95	221372	20.0	19.1	
86 trans-1,3-Dichloropropene	75	7.722	7.722	0.000	98	73390	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.751	7.745	0.006	90	47196	20.0	18.1	
87 1,1,2-Trichloroethane	83	7.987	7.987	0.000	98	35213	20.0	21.0	
88 Tetrachloroethene	166	8.039	8.034	0.005	97	52388	20.0	19.7	
89 1,3-Dichloropropane	76	8.257	8.257	0.000	93	67069	20.0	19.2	
90 2-Hexanone	58	8.339	8.339	0.000	96	50497	100.0	94.4	
91 n-Butyl acetate	73	8.492	8.492	0.000	99	8780	20.0	20.0	
92 Chlorodibromomethane	129	8.563	8.563	0.000	98	46592	20.0	19.1	
93 Ethylene Dibromide	107	8.763	8.763	0.000	97	37703	20.0	18.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	87	361569	50.0	50.0	
95 Chlorobenzene	112	9.351	9.345	0.006	94	139206	20.0	19.1	
96 Ethylbenzene	106	9.433	9.433	0.000	98	76727	20.0	18.9	
97 1,1,1,2-Tetrachloroethane	131	9.445	9.445	0.000	95	49445	20.0	20.1	
98 m-Xylene & p-Xylene	106	9.563	9.563	0.000	0	95858	20.0	19.6	
99 n-Butyl acrylate	73	9.933	9.933	0.000	98	28450	20.0	17.7	
100 o-Xylene	106	9.951	9.951	0.000	93	92085	20.0	19.3	
101 Styrene	104	9.975	9.975	0.000	96	155323	20.0	19.8	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	91	55922	20.0	18.8	
103 Bromoform	173	10.157	10.157	0.000	93	24218	20.0	18.4	
104 Isopropylbenzene	105	10.257	10.251	0.006	96	230745	20.0	21.8	
$ 105 4-Bromofluorobenzene	174	10.422	10.416	0.006	89	138077	50.0	50.3	
107 Bromobenzene	156	10.528	10.528	0.000	98	52780	20.0	18.6	
106 1,1,2,2-Tetrachloroethane	83	10.563	10.557	0.006	98	37612	20.0	19.3	
108 N-Propylbenzene	91	10.580	10.575	0.005	99	273950	20.0	20.1	
110 1,2,3-Trichloropropane	110	10.598	10.592	0.006	96	11255	20.0	20.4	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.604	0.006	94	10360	20.0	17.6	
112 2-Chlorotoluene	91	10.663	10.657	0.006	96	186204	20.0	19.4	
169 4-Ethyltoluene	105	10.669	10.657	0.012	88	219189	20.0	19.4	
113 1,3,5-Trimethylbenzene	105	10.716	10.704	0.012	93	177897	20.0	20.1	
115 4-Chlorotoluene	91	10.751	10.745	0.006	98	171844	20.0	19.6	
114 Butyl Methacrylate	87	10.786	10.775	0.011	88	60347	20.0	18.9	
116 tert-Butylbenzene	119	10.939	10.928	0.011	93	144303	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	10.986	10.969	0.017	98	179033	20.0	19.6	
118 sec-Butylbenzene	134	11.092	11.069	0.023	99	41148	20.0	19.4	
119 4-Isopropyltoluene	119	11.186	11.163	0.023	97	167191	20.0	18.5	
120 1,3-Dichlorobenzene	146	11.198	11.175	0.023	96	98404	20.0	18.9	
* 121 1,4-Dichlorobenzene-d4	152	11.245	11.222	0.023	94	172092	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.263	11.239	0.024	95	100774	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	11.269	11.251	0.018	98	174285	20.0	18.8	
124 Benzyl chloride	91	11.363	11.339	0.024	98	72854	20.0	18.7	
162 2,3-Dihydroindene	117	11.410	11.386	0.024	94	173208	20.0	20.5	
164 p-Diethylbenzene	119	11.439	11.416	0.023	93	99007	20.0	18.6	
127 n-Butylbenzene	92	11.457	11.433	0.024	98	85513	20.0	19.6	
128 1,2-Dichlorobenzene	146	11.522	11.498	0.024	97	85924	20.0	19.1	
163 1,2,4,5-Tetramethylbenzene	119	11.992	11.963	0.029	98	138581	20.0	18.2	
130 1,2-Dibromo-3-Chloropropane	157	12.098	12.069	0.029	95	5724	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	12.198	12.169	0.029	96	50829	20.0	17.4	
132 1,2,4-Trichlorobenzene	180	12.733	12.698	0.035	93	41385	20.0	20.8	
133 Hexachlorobutadiene	225	12.816	12.780	0.036	93	18445	20.0	23.3	
134 Naphthalene	128	12.974	12.945	0.029	99	73859	20.0	18.9	
135 1,2,3-Trichlorobenzene	180	13.204	13.174	0.030	95	29307	20.0	19.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.7	
S 137 Xylenes, Total	100				0		40.0	38.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00622	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00177	Amount Added:	4.00	Units: uL	
8260 SP_00192	Amount Added:	20.00	Units: uL	
7 Freons SS_00028	Amount Added:	20.00	Units: uL	
8260ISNEW_00210	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00254	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-May-2025 21:12:57 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26575.D

Injection Date: 14-May-2025 11:47:30 Instrument ID: CVOAMS1 Operator ID:

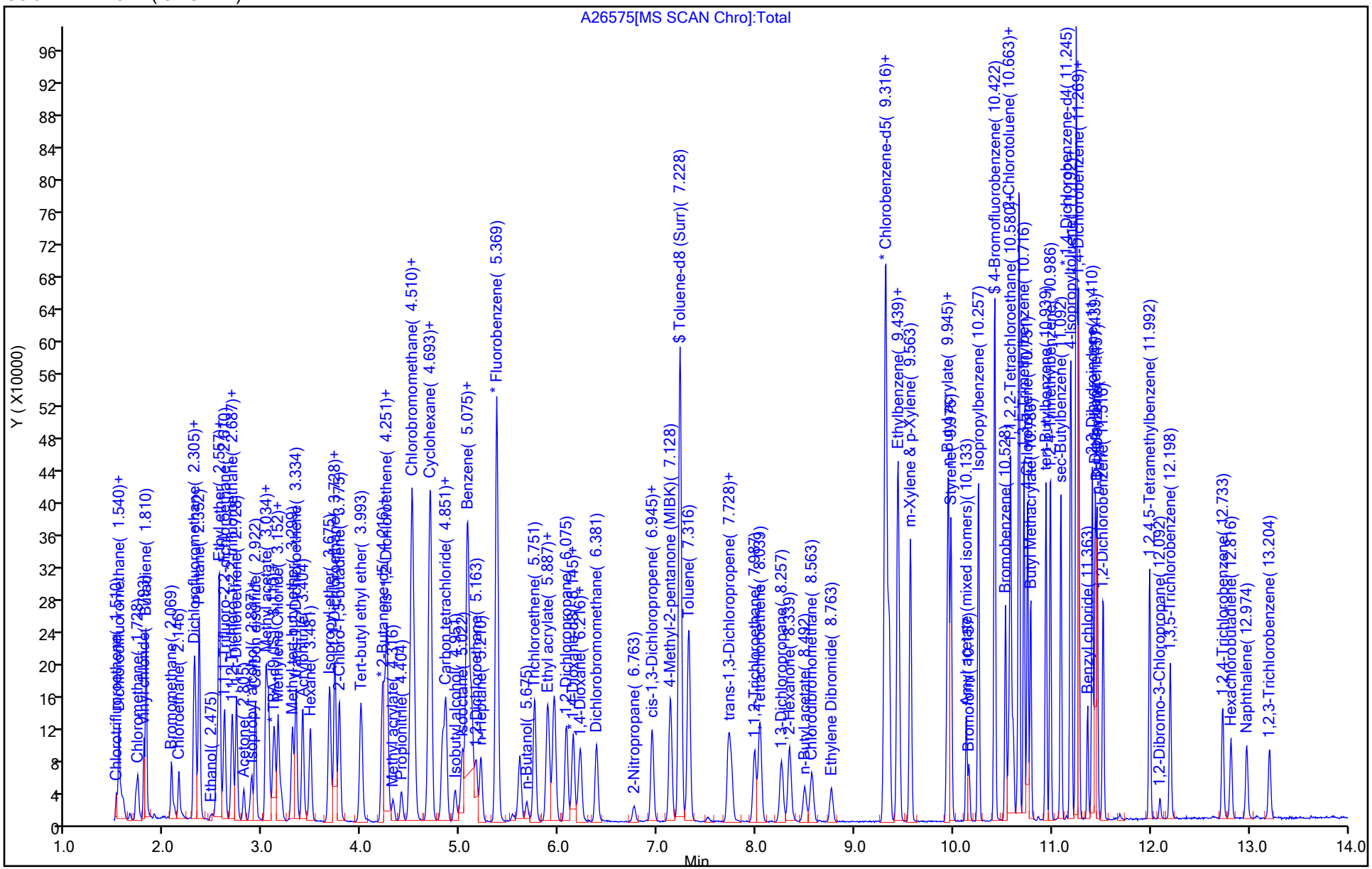
Lims ID: ICV Worklist Smp#: 21

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

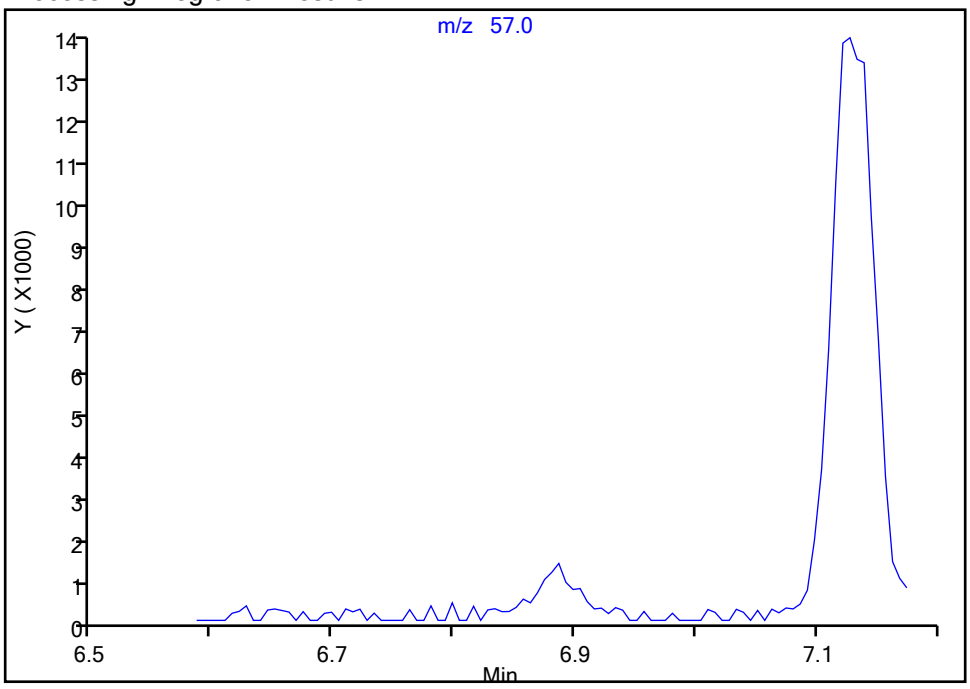
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26575.D
Injection Date: 14-May-2025 11:47:30 Instrument ID: CVOAMS1
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

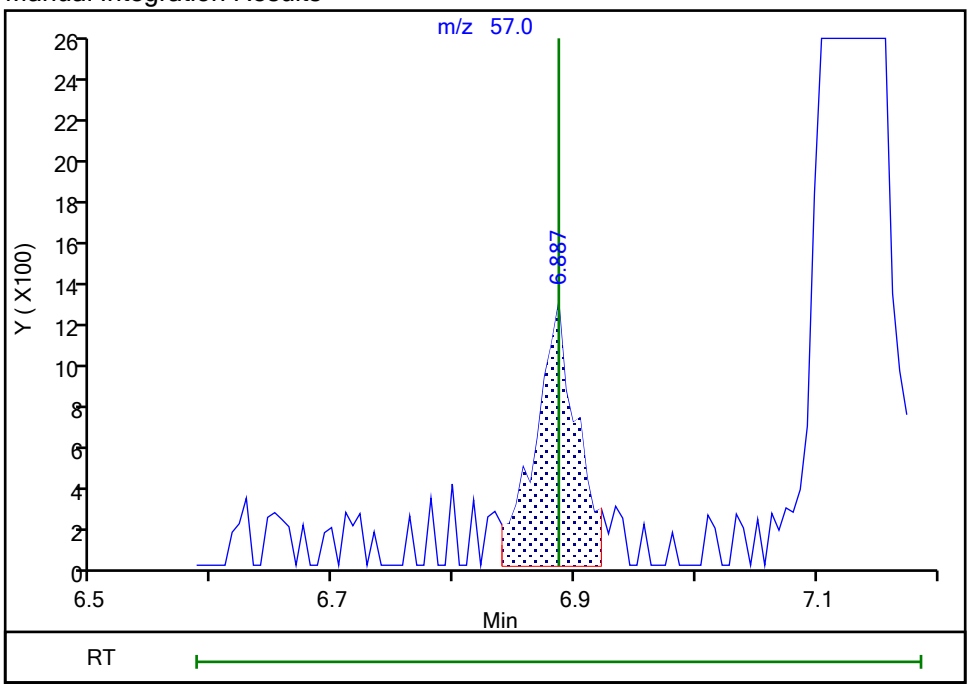
Not Detected
Expected RT: 6.89

Processing Integration Results



Manual Integration Results

RT: 6.89
Area: 3077
Amount: 26.578670
Amount Units: ug/l



Reviewer: NN6A, 14-May-2025 21:06:37 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: CCVIS 460-1053164/3 Calibration Date: 08/01/2025 07:32

Instrument ID: CVOAMS1 Calib Start Date: 03/01/2025 15:41

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/01/2025 18:32

Lab File ID: A30081.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Chloroethyl vinyl ether	Ave	0.0161				20.0		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30081.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Aug-2025 07:32:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0194382-003
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 12:03:20 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: KG2Q Date: 01-Aug-2025 12:03:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.522	1.522	0.000	92	10216	20.0	20.0	
4 Dichlorodifluoromethane	85	1.552	1.552	0.000	98	60728	20.0	17.4	
165 Chlorodifluoromethane	51	1.569	1.569	0.000	95	71386	20.0	24.2	
6 Chloromethane	50	1.746	1.746	0.000	99	83436	20.0	22.5	
7 Vinyl chloride	62	1.805	1.805	0.000	98	71213	20.0	22.0	
172 Butadiene	39	1.828	1.828	0.000	95	57001	20.0	19.4	
9 Bromomethane	94	2.081	2.081	0.000	99	41257	20.0	19.3	
10 Chloroethane	64	2.158	2.158	0.000	99	53817	20.0	24.6	
174 Dichlorofluoromethane	67	2.310	2.310	0.000	99	110531	20.0	18.6	
12 Trichlorofluoromethane	101	2.322	2.322	0.000	99	72423	20.0	17.3	
13 Pentane	72	2.363	2.363	0.000	96	18054	40.0	50.5	
14 Ethanol	46	2.493	2.493	0.000	99	8672	800.0	814.9	
15 Ethyl ether	59	2.540	2.540	0.000	95	44854	20.0	23.9	
16 2-Methyl-1,3-butadiene	53	2.563	2.563	0.000	93	40402	20.0	18.5	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.569	2.569	0.000	94	45096	20.0	21.3	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.616	2.616	0.000	96	77401	20.0	21.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.699	2.699	0.000	96	49768	20.0	22.1	
19 Acrolein	56	2.710	2.710	0.000	38	10314	40.0	33.9	
21 1,1-Dichloroethene	96	2.740	2.740	0.000	98	48274	20.0	20.0	
22 Acetone	58	2.816	2.816	0.000	88	17857	100.0	97.7	
24 Isopropyl alcohol	45	2.881	2.881	0.000	98	21309	200.0	196.6	
23 Iodomethane	142	2.893	2.893	0.000	97	62463	20.0	20.6	
25 Carbon disulfide	76	2.934	2.934	0.000	98	200096	20.0	25.0	
161 3-Chloro-1-propene	76	3.040	3.040	0.000	92	31688	20.0	18.7	
27 Methyl acetate	43	3.046	3.046	0.000	92	55746	40.0	44.8	
166 Cyclopentene	67	3.063	3.063	0.000	93	136988	20.0	20.8	
29 Acetonitrile	41	3.110	3.110	0.000	55	56768	200.0	244.1	
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	144327	1000.0	1000.0	
31 Methylene Chloride	84	3.163	3.163	0.000	89	65295	20.0	23.3	
32 2-Methyl-2-propanol	59	3.193	3.193	0.000	97	33963	200.0	199.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.310	3.310	0.000	98	126898	20.0	21.2	
34 trans-1,2-Dichloroethene	96	3.346	3.346	0.000	91	61247	20.0	22.1	
35 Acrylonitrile	53	3.416	3.416	0.000	95	154625	200.0	294.8	
36 Hexane	43	3.487	3.487	0.000	92	35365	20.0	23.7	
37 Isopropyl ether	45	3.681	3.681	0.000	97	155538	20.0	19.8	
38 1,1-Dichloroethane	63	3.734	3.734	0.000	72	103824	20.0	20.9	
39 Vinyl acetate	86	3.740	3.740	0.000	99	21187	40.0	46.2	
40 2-Chloro-1,3-butadiene	88	3.781	3.781	0.000	89	45395	20.0	18.9	
41 Tert-butyl ethyl ether	59	3.999	3.999	0.000	90	140497	20.0	19.3	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	180868	250.0	250.0	
43 2,2-Dichloropropane	97	4.234	4.234	0.000	91	20057	20.0	20.7	
44 cis-1,2-Dichloroethene	96	4.263	4.263	0.000	96	65553	20.0	21.0	
46 Ethyl acetate	70	4.269	4.269	0.000	95	9089	40.0	36.2	
45 2-Butanone (MEK)	72	4.275	4.275	0.000	97	24579	100.0	95.6	
47 Methyl acrylate	55	4.328	4.328	0.000	99	33208	20.0	23.0	
48 Propionitrile	54	4.416	4.416	0.000	99	56963	200.0	232.7	
50 Chlorobromomethane	128	4.499	4.499	0.000	88	30379	20.0	23.8	
49 Tetrahydrofuran	42	4.504	4.504	0.000	55	29834	40.0	39.9	
51 Methacrylonitrile	67	4.516	4.516	0.000	90	196386	200.0	286.5	
52 Chloroform	83	4.540	4.540	0.000	99	103012	20.0	20.7	
53 Cyclohexane	56	4.687	4.687	0.000	89	78920	20.0	21.9	
54 1,1,1-Trichloroethane	97	4.699	4.699	0.000	97	80493	20.0	19.1	
$ 55 Dibromofluoromethane (Surr)	113	4.704	4.704	0.000	97	123827	50.0	49.0	
56 Carbon tetrachloride	117	4.828	4.828	0.000	97	62646	20.0	18.6	
57 1,1-Dichloropropene	75	4.857	4.857	0.000	98	70331	20.0	19.0	
58 Isobutyl alcohol	43	4.963	4.963	0.000	94	34675	500.0	476.8	
59 Isooctane	57	5.022	5.022	0.000	98	105412	20.0	24.3	
60 Benzene	78	5.069	5.069	0.000	95	257740	20.0	21.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	122161	50.0	48.5	
62 Isopropyl acetate	61	5.104	5.104	0.000	98	20701	20.0	26.1	
63 Tert-amyl methyl ether	87	5.116	5.116	0.000	96	45807	20.0	24.4	
64 1,2-Dichloroethane	62	5.169	5.169	0.000	96	65537	20.0	19.9	
65 n-Heptane	71	5.210	5.210	0.000	88	27021	20.0	23.7	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	505757	50.0	50.0	
67 n-Butanol	56	5.687	5.687	0.000	88	16391	500.0	332.9	
68 Trichloroethene	95	5.757	5.757	0.000	99	56556	20.0	19.3	
69 Ethyl acrylate	99	5.893	5.893	0.000	98	5517	20.0	19.6	
70 Methylcyclohexane	83	5.893	5.893	0.000	87	65983	20.0	21.9	
71 1,2-Dichloropropane	63	6.081	6.081	0.000	92	58857	20.0	20.9	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	19724	1000.0	1000.0	
72 Methyl methacrylate	69	6.151	6.151	0.000	86	60593	40.0	47.2	
74 n-Propyl acetate	43	6.210	6.210	0.000	97	50408	20.0	23.4	
75 1,4-Dioxane	88	6.222	6.222	0.000	31	10078	400.0	471.0	
76 Dibromomethane	93	6.228	6.228	0.000	97	34405	20.0	24.3	
77 Dichlorobromomethane	83	6.387	6.387	0.000	99	72732	20.0	19.6	
79 2-Nitropropane	41	6.769	6.769	0.000	97	18364	40.0	45.9	
80 Epichlorohydrin	57	6.893	6.893	0.000	99	59469	400.0	385.8	
81 cis-1,3-Dichloropropene	75	6.951	6.951	0.000	89	92879	20.0	18.3	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.134	0.000	96	161699	100.0	86.9	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	471271	50.0	45.6	
84 Toluene	91	7.322	7.322	0.000	93	235370	20.0	19.2	
86 trans-1,3-Dichloropropene	75	7.728	7.728	0.000	98	71384	20.0	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.757	7.757	0.000	88	47168	20.0	18.7	
87 1,1,2-Trichloroethane	83	7.992	7.992	0.000	98	44483	20.0	25.0	
88 Tetrachloroethene	166	8.040	8.040	0.000	96	55561	20.0	19.7	
89 1,3-Dichloropropane	76	8.263	8.263	0.000	91	80689	20.0	21.8	
90 2-Hexanone	58	8.345	8.345	0.000	96	55753	100.0	78.2	
91 n-Butyl acetate	73	8.510	8.510	0.000	98	8098	20.0	17.4	
92 Chlorodibromomethane	129	8.569	8.569	0.000	98	56946	20.0	22.0	
93 Ethylene Dibromide	107	8.769	8.769	0.000	98	46531	20.0	21.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	383527	50.0	50.0	
95 Chlorobenzene	112	9.351	9.351	0.000	96	155288	20.0	20.1	
96 Ethylbenzene	106	9.434	9.434	0.000	98	74184	20.0	17.2	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.451	0.000	97	54329	20.0	20.8	
98 m-Xylene & p-Xylene	106	9.569	9.569	0.000	0	89776	20.0	17.3	
99 n-Butyl acrylate	73	9.939	9.939	0.000	97	26326	20.0	15.5	
100 o-Xylene	106	9.951	9.951	0.000	94	89406	20.0	17.7	
101 Styrene	104	9.975	9.975	0.000	97	152272	20.0	18.3	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	92	54349	20.0	15.5	
103 Bromoform	173	10.163	10.163	0.000	95	34653	20.0	24.9	
104 Isopropylbenzene	105	10.257	10.257	0.000	95	197168	20.0	17.5	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	155160	50.0	53.3	
107 Bromobenzene	156	10.528	10.528	0.000	99	62206	20.0	18.7	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	66352	20.0	29.0	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	262070	20.0	16.3	
110 1,2,3-Trichloropropane	110	10.598	10.598	0.000	98	17160	20.0	26.4	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.610	0.000	90	11859	20.0	17.1	
112 2-Chlorotoluene	91	10.663	10.663	0.000	96	197417	20.0	17.5	
169 4-Ethyltoluene	105	10.663	10.663	0.000	89	214513	20.0	16.2	
113 1,3,5-Trimethylbenzene	105	10.710	10.710	0.000	94	179774	20.0	17.3	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	182090	20.0	17.7	
114 Butyl Methacrylate	87	10.775	10.775	0.000	89	60332	20.0	16.1	
116 tert-Butylbenzene	119	10.928	10.928	0.000	95	135750	20.0	15.9	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	97	186208	20.0	17.4	
118 sec-Butylbenzene	134	11.075	11.075	0.000	99	38925	20.0	15.6	
119 4-Isopropyltoluene	119	11.169	11.169	0.000	98	164457	20.0	15.5	
120 1,3-Dichlorobenzene	146	11.180	11.180	0.000	97	118941	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	11.228	11.228	0.000	95	202195	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.245	11.245	0.000	96	125308	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	98	202252	20.0	18.5	
124 Benzyl chloride	91	11.339	11.339	0.000	99	108528	20.0	23.7	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	94	181131	20.0	18.2	
164 p-Diethylbenzene	119	11.416	11.416	0.000	93	105163	20.0	16.8	
127 n-Butylbenzene	92	11.433	11.433	0.000	98	90096	20.0	17.6	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	97	110903	20.0	21.0	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	97	134819	20.0	15.1	
130 1,2-Dibromo-3-Chloropropane	157	12.069	12.069	0.000	96	10266	20.0	27.9	
131 1,3,5-Trichlorobenzene	180	12.175	12.175	0.000	97	62260	20.0	18.2	
132 1,2,4-Trichlorobenzene	180	12.704	12.704	0.000	95	48628	20.0	20.8	
133 Hexachlorobutadiene	225	12.780	12.780	0.000	90	16280	20.0	17.3	
134 Naphthalene	128	12.945	12.945	0.000	100	106268	20.0	23.4	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	97	37361	20.0	21.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.1	
S 137 Xylenes, Total	100				0		40.0	34.9	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00208	Amount Added:	20.00	Units: uL	
524FREONS_00037	Amount Added:	20.00	Units: uL	
ACROLEIN W_00186	Amount Added:	4.00	Units: uL	
GASES Li_00654	Amount Added:	20.00	Units: uL	
8260ISNEW_00213	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00255	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Aug-2025 12:03:21 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30081.D

Injection Date: 01-Aug-2025 07:32:30 Instrument ID: CVOAMS1 Operator ID:

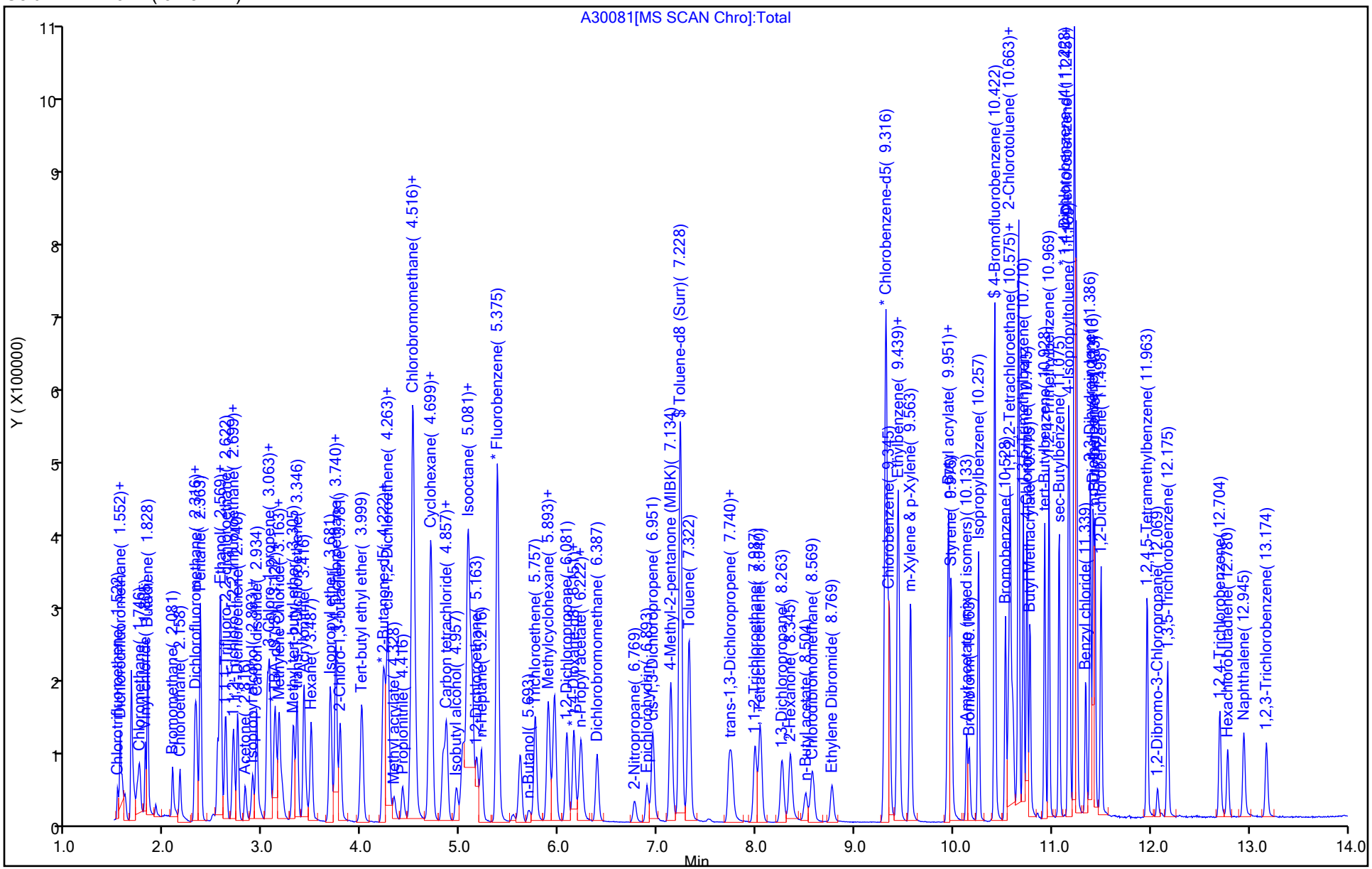
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: CCVIS 460-1053164/3 Calibration Date: 08/01/2025 07:32

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A30081.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0504	0.0505		20.0	20.0	0.2	20.0
Dichlorodifluoromethane	Ave	0.3447	0.3002	0.1000	17.4	20.0	-12.9	20.0
Chlorodifluoromethane	Ave	0.2916	0.3529		24.2	20.0	21.0*	20.0
Chloromethane	Ave	0.3671	0.4124	0.0050	22.5	20.0	12.4	20.0
Vinyl chloride	Ave	0.3206	0.3520	0.0050	22.0	20.0	9.8	20.0
Butadiene	Ave	0.2912	0.2818		19.4	20.0	-3.2	20.0
Bromomethane	Ave	0.2111	0.2039	0.0050	19.3	20.0	-3.4	50.0
Chloroethane	Ave	0.2159	0.2660	0.0050	24.6	20.0	23.2	50.0
Dichlorofluoromethane	Ave	0.5861	0.5464		18.6	20.0	-6.8	20.0
Trichlorofluoromethane	Ave	0.4143	0.3580	0.1000	17.3	20.0	-13.6	20.0
Pentane	QuaF		3.127		50.5	40.0	26.2*	20.0
Ethanol	Lin2		0.0751		815	800	1.9	50.0
Ethyl ether	Lin2		0.2217		23.9	20.0	19.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2154	0.1997		18.5	20.0	-7.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2092	0.2229		21.3	20.0	6.5	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3598	0.3826		21.3	20.0	6.3	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2229	0.2460	0.1000	22.1	20.0	10.4	20.0
Acrolein	Lin2		1.787		33.9	40.0	-15.2	50.0
1,1-Dichloroethene	Ave	0.2381	0.2386	0.1000	20.0	20.0	0.2	20.0
Acetone	Ave	0.2526	0.2468	0.0010	97.7	100	-2.3	50.0
Isopropyl alcohol	Ave	0.7510	0.7382		197	200	-1.7	50.0
Iodomethane	Ave	0.2991	0.3088		20.6	20.0	3.2	20.0
Carbon disulfide	Ave	0.7910	0.9891	0.1000	25.0	20.0	25.1	50.0
3-Chloro-1-propene	Ave	0.1671	0.1566		18.7	20.0	-6.3	20.0
Methyl acetate	Ave	8.613	9.656	0.0500	44.8	40.0	12.1	20.0
Cyclopentene	Ave	0.6524	0.6771		20.8	20.0	3.8	20.0
Acetonitrile	Ave	1.612	1.967		244	200	22.0*	20.0
Methylene Chloride	Ave	0.2771	0.3228	0.1000	23.3	20.0	16.5	20.0
2-Methyl-2-propanol	Ave	1.182	1.177		199	200	-0.5	50.0
Methyl tert-butyl ether	Ave	0.5907	0.6273	0.1000	21.2	20.0	6.2	20.0
trans-1,2-Dichloroethene	Ave	0.2738	0.3027	0.1000	22.1	20.0	10.6	20.0
Acrylonitrile	Ave	0.0518	0.0764		295	200	47.4*	20.0
Hexane	Ave	0.1473	0.1748		23.7	20.0	18.7	20.0
Isopropyl ether	Ave	0.7762	0.7688		19.8	20.0	-0.9	20.0
1,1-Dichloroethane	Ave	0.4915	0.5132	0.2000	20.9	20.0	4.4	20.0
Vinyl acetate	Ave	3.175	3.670		46.2	40.0	15.6	20.0
2-Chloro-1,3-butadiene	Ave	0.2370	0.2244		18.9	20.0	-5.3	20.0
Tert-butyl ethyl ether	Ave	0.7213	0.6945		19.3	20.0	-3.7	20.0
2,2-Dichloropropane	Ave	0.0959	0.0991		20.7	20.0	3.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: CCVIS 460-1053164/3 Calibration Date: 08/01/2025 07:32

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A30081.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3092	0.3240	0.1000	21.0	20.0	4.8	20.0
Ethyl acetate	Qua		0.3141		36.2	40.0	-9.5	20.0
2-Butanone (MEK)	Ave	0.3554	0.3397	0.0100	95.6	100	-4.4	50.0
Methyl acrylate	Ave	0.1427	0.1641		23.0	20.0	15.0	20.0
Propionitrile	Ave	1.696	1.973		233	200	16.3	20.0
Chlorobromomethane	Ave	0.1260	0.1502		23.8	20.0	19.2	20.0
Tetrahydrofuran	Lin2		1.031		39.9	40.0	-0.4	20.0
Methacrylonitrile	Ave	0.0678	0.0971		287	200	43.3*	20.0
Chloroform	Ave	0.4923	0.5092	0.2000	20.7	20.0	3.4	20.0
Cyclohexane	Ave	0.3571	0.3901	0.1000	21.9	20.0	9.3	50.0
1,1,1-Trichloroethane	Ave	0.4161	0.3979	0.1000	19.1	20.0	-4.4	20.0
Carbon tetrachloride	Ave	0.3338	0.3097	0.1000	18.6	20.0	-7.2	20.0
1,1-Dichloropropene	Ave	0.3652	0.3477		19.0	20.0	-4.8	20.0
Isobutyl alcohol	Ave	0.5039	0.4805		477	500	-4.6	50.0
Isooctane	Ave	0.4284	0.5211		24.3	20.0	21.6*	20.0
Benzene	Ave	1.591	1.680	0.5000	21.1	20.0	5.6	20.0
Isopropyl acetate	Lin2		0.1023		26.1	20.0	30.7*	20.0
Tert-amyl methyl ether	Ave	0.1857	0.2264		24.4	20.0	21.9*	20.0
1,2-Dichloroethane	Ave	0.3248	0.3240	0.1000	19.9	20.0	-0.3	20.0
n-Heptane	Ave	0.1125	0.1336		23.7	20.0	18.7	20.0
n-Butanol	Ave	0.3412	0.2271		333	500	-33.4	50.0
Trichloroethene	Ave	0.2893	0.2796	0.2000	19.3	20.0	-3.4	20.0
Ethyl acrylate	Ave	0.0278	0.0273		19.6	20.0	-1.9	20.0
Methylcyclohexane	Ave	0.2981	0.3262	0.1000	21.9	20.0	9.4	50.0
1,2-Dichloropropane	Ave	0.2790	0.2909	0.1000	20.9	20.0	4.3	20.0
Methyl methacrylate	Ave	0.1268	0.1498		47.2	40.0	18.1	20.0
n-Propyl acetate	Ave	0.2130	0.2492		23.4	20.0	17.0	20.0
1,4-Dioxane	Ave	1.085	1.277		471	400	17.7	50.0
Dibromomethane	Ave	0.1402	0.1701		24.3	20.0	21.3*	20.0
Dichlorobromomethane	Ave	0.3673	0.3595	0.2000	19.6	20.0	-2.1	20.0
2-Nitropropane	Lin2		0.0454		45.9	40.0	14.8	20.0
Epichlorohydrin	Ave	0.2131	0.2055		386	400	-3.6	20.0
cis-1,3-Dichloropropene	Ave	0.6632	0.6054	0.2000	18.3	20.0	-8.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.572	2.235	0.0500	86.9	100	-13.1	50.0
Toluene	Ave	1.599	1.534	0.4000	19.2	20.0	-4.1	20.0
trans-1,3-Dichloropropene	Ave	0.5345	0.4653	0.1000	17.4	20.0	-12.9	50.0
Ethyl methacrylate	Ave	0.2498	0.2332		18.7	20.0	-6.7	20.0
1,1,2-Trichloroethane	Ave	0.2321	0.2900	0.1000	25.0	20.0	24.9*	20.0
Tetrachloroethene	Ave	0.3686	0.3622	0.2000	19.7	20.0	-1.7	20.0
1,3-Dichloropropane	Ave	0.4833	0.5260		21.8	20.0	8.8	20.0
2-Hexanone	Ave	0.9849	0.7706	0.0500	78.2	100	-21.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: CCVIS 460-1053164/3 Calibration Date: 08/01/2025 07:32

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A30081.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.0608	0.0528		17.4	20.0	-13.2	20.0
Chlorodibromomethane	Lin2		0.3712	0.1000	22.0	20.0	9.8	50.0
Ethylene Dibromide	Ave	0.2765	0.3033	0.1000	21.9	20.0	9.7	20.0
Chlorobenzene	Ave	1.010	1.012	0.5000	20.1	20.0	0.3	20.0
Ethylbenzene	Ave	0.5607	0.4836	0.1000	17.2	20.0	-13.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3399	0.3541		20.8	20.0	4.2	20.0
m-Xylene & p-Xylene	Ave	0.6776	0.5852	0.1000	17.3	20.0	-13.6	20.0
n-Butyl acrylate	Ave	0.2220	0.1716		15.5	20.0	-22.7*	20.0
o-Xylene	Ave	0.6601	0.5828	0.3000	17.7	20.0	-11.7	20.0
Styrene	Ave	1.087	0.9926	0.3000	18.3	20.0	-8.7	20.0
Amyl acetate (mixed isomers)	Ave	0.8646	0.6720		15.5	20.0	-22.3*	20.0
Bromoform	Ave	0.1816	0.2259	0.1000	24.9	20.0	24.4*	20.0
Isopropylbenzene	Ave	1.465	1.285	0.1000	17.5	20.0	-12.3	20.0
Bromobenzene	Ave	0.8239	0.7691		18.7	20.0	-6.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5652	0.8204	0.3000	29.0	20.0	45.2*	20.0
N-Propylbenzene	Ave	3.965	3.240		16.3	20.0	-18.3	20.0
1,2,3-Trichloropropane	Ave	0.1606	0.2122		26.4	20.0	32.1*	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1715	0.1466		17.1	20.0	-14.5	20.0
2-Chlorotoluene	Ave	2.786	2.441		17.5	20.0	-12.4	20.0
4-Ethyltoluene	Ave	3.278	2.652		16.2	20.0	-19.1	20.0
1,3,5-Trimethylbenzene	Ave	2.577	2.223		17.3	20.0	-13.7	20.0
4-Chlorotoluene	Ave	2.542	2.251		17.7	20.0	-11.4	20.0
Butyl Methacrylate	Ave	0.9274	0.7460		16.1	20.0	-19.6	20.0
tert-Butylbenzene	Ave	2.116	1.678		15.9	20.0	-20.7*	20.0
1,2,4-Trimethylbenzene	Ave	2.654	2.302		17.4	20.0	-13.2	20.0
sec-Butylbenzene	Ave	0.6153	0.4813		15.6	20.0	-21.8*	20.0
4-Isopropyltoluene	Ave	2.625	2.033		15.5	20.0	-22.5*	20.0
1,3-Dichlorobenzene	Ave	1.513	1.471	0.6000	19.4	20.0	-2.8	20.0
1,4-Dichlorobenzene	Ave	1.559	1.549	0.5000	19.9	20.0	-0.6	20.0
1,2,3-Trimethylbenzene	Ave	2.699	2.501		18.5	20.0	-7.4	20.0
Benzyl chloride	Ave	1.132	1.342		23.7	20.0	18.5	50.0
Indan	Ave	2.460	2.240		18.2	20.0	-9.0	20.0
p-Diethylbenzene	Ave	1.549	1.300		16.8	20.0	-16.1	20.0
n-Butylbenzene	Ave	1.265	1.114		17.6	20.0	-11.9	20.0
1,2-Dichlorobenzene	Ave	1.309	1.371	0.4000	21.0	20.0	4.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.210	1.667		15.1	20.0	-24.6*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0909	0.1269	0.0500	27.9	20.0	39.6	50.0
1,3,5-Trichlorobenzene	Ave	0.8479	0.7698		18.2	20.0	-9.2	20.0
1,2,4-Trichlorobenzene	Qua2		0.6013	0.2000	20.8	20.0	4.1	20.0
Hexachlorobutadiene	Qua2		0.2013		17.3	20.0	-13.6	20.0
Naphthalene	Lin2		1.314		23.4	20.0	16.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: CCVIS 460-1053164/3 Calibration Date: 08/01/2025 07:32

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A30081.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Qua		0.4619		21.3	20.0	6.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2497	0.2448		49.0	50.0	-2.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2488	0.2415		48.5	50.0	-2.9	20.0
Toluene-d8 (Surr)	Ave	1.348	1.229		45.6	50.0	-8.8	20.0
4-Bromofluorobenzene	Ave	0.3797	0.4046		53.3	50.0	6.5	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30081.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Aug-2025 07:32:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0194382-003
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 12:03:20 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: KG2Q Date: 01-Aug-2025 12:03:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.522	1.522	0.000	92	10216	20.0	20.0	
4 Dichlorodifluoromethane	85	1.552	1.552	0.000	98	60728	20.0	17.4	
165 Chlorodifluoromethane	51	1.569	1.569	0.000	95	71386	20.0	24.2	
6 Chloromethane	50	1.746	1.746	0.000	99	83436	20.0	22.5	
7 Vinyl chloride	62	1.805	1.805	0.000	98	71213	20.0	22.0	
172 Butadiene	39	1.828	1.828	0.000	95	57001	20.0	19.4	
9 Bromomethane	94	2.081	2.081	0.000	99	41257	20.0	19.3	
10 Chloroethane	64	2.158	2.158	0.000	99	53817	20.0	24.6	
174 Dichlorofluoromethane	67	2.310	2.310	0.000	99	110531	20.0	18.6	
12 Trichlorofluoromethane	101	2.322	2.322	0.000	99	72423	20.0	17.3	
13 Pentane	72	2.363	2.363	0.000	96	18054	40.0	50.5	
14 Ethanol	46	2.493	2.493	0.000	99	8672	800.0	814.9	
15 Ethyl ether	59	2.540	2.540	0.000	95	44854	20.0	23.9	
16 2-Methyl-1,3-butadiene	53	2.563	2.563	0.000	93	40402	20.0	18.5	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.569	2.569	0.000	94	45096	20.0	21.3	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.616	2.616	0.000	96	77401	20.0	21.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.699	2.699	0.000	96	49768	20.0	22.1	
19 Acrolein	56	2.710	2.710	0.000	38	10314	40.0	33.9	
21 1,1-Dichloroethene	96	2.740	2.740	0.000	98	48274	20.0	20.0	
22 Acetone	58	2.816	2.816	0.000	88	17857	100.0	97.7	
24 Isopropyl alcohol	45	2.881	2.881	0.000	98	21309	200.0	196.6	
23 Iodomethane	142	2.893	2.893	0.000	97	62463	20.0	20.6	
25 Carbon disulfide	76	2.934	2.934	0.000	98	200096	20.0	25.0	
161 3-Chloro-1-propene	76	3.040	3.040	0.000	92	31688	20.0	18.7	
27 Methyl acetate	43	3.046	3.046	0.000	92	55746	40.0	44.8	
166 Cyclopentene	67	3.063	3.063	0.000	93	136988	20.0	20.8	
29 Acetonitrile	41	3.110	3.110	0.000	55	56768	200.0	244.1	
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	144327	1000.0	1000.0	
31 Methylene Chloride	84	3.163	3.163	0.000	89	65295	20.0	23.3	
32 2-Methyl-2-propanol	59	3.193	3.193	0.000	97	33963	200.0	199.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.310	3.310	0.000	98	126898	20.0	21.2	
34 trans-1,2-Dichloroethene	96	3.346	3.346	0.000	91	61247	20.0	22.1	
35 Acrylonitrile	53	3.416	3.416	0.000	95	154625	200.0	294.8	
36 Hexane	43	3.487	3.487	0.000	92	35365	20.0	23.7	
37 Isopropyl ether	45	3.681	3.681	0.000	97	155538	20.0	19.8	
38 1,1-Dichloroethane	63	3.734	3.734	0.000	72	103824	20.0	20.9	
39 Vinyl acetate	86	3.740	3.740	0.000	99	21187	40.0	46.2	
40 2-Chloro-1,3-butadiene	88	3.781	3.781	0.000	89	45395	20.0	18.9	
41 Tert-butyl ethyl ether	59	3.999	3.999	0.000	90	140497	20.0	19.3	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	180868	250.0	250.0	
43 2,2-Dichloropropane	97	4.234	4.234	0.000	91	20057	20.0	20.7	
44 cis-1,2-Dichloroethene	96	4.263	4.263	0.000	96	65553	20.0	21.0	
46 Ethyl acetate	70	4.269	4.269	0.000	95	9089	40.0	36.2	
45 2-Butanone (MEK)	72	4.275	4.275	0.000	97	24579	100.0	95.6	
47 Methyl acrylate	55	4.328	4.328	0.000	99	33208	20.0	23.0	
48 Propionitrile	54	4.416	4.416	0.000	99	56963	200.0	232.7	
50 Chlorobromomethane	128	4.499	4.499	0.000	88	30379	20.0	23.8	
49 Tetrahydrofuran	42	4.504	4.504	0.000	55	29834	40.0	39.9	
51 Methacrylonitrile	67	4.516	4.516	0.000	90	196386	200.0	286.5	
52 Chloroform	83	4.540	4.540	0.000	99	103012	20.0	20.7	
53 Cyclohexane	56	4.687	4.687	0.000	89	78920	20.0	21.9	
54 1,1,1-Trichloroethane	97	4.699	4.699	0.000	97	80493	20.0	19.1	
$ 55 Dibromofluoromethane (Surr)	113	4.704	4.704	0.000	97	123827	50.0	49.0	
56 Carbon tetrachloride	117	4.828	4.828	0.000	97	62646	20.0	18.6	
57 1,1-Dichloropropene	75	4.857	4.857	0.000	98	70331	20.0	19.0	
58 Isobutyl alcohol	43	4.963	4.963	0.000	94	34675	500.0	476.8	
59 Isooctane	57	5.022	5.022	0.000	98	105412	20.0	24.3	
60 Benzene	78	5.069	5.069	0.000	95	257740	20.0	21.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	122161	50.0	48.5	
62 Isopropyl acetate	61	5.104	5.104	0.000	98	20701	20.0	26.1	
63 Tert-amyl methyl ether	87	5.116	5.116	0.000	96	45807	20.0	24.4	
64 1,2-Dichloroethane	62	5.169	5.169	0.000	96	65537	20.0	19.9	
65 n-Heptane	71	5.210	5.210	0.000	88	27021	20.0	23.7	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	505757	50.0	50.0	
67 n-Butanol	56	5.687	5.687	0.000	88	16391	500.0	332.9	
68 Trichloroethene	95	5.757	5.757	0.000	99	56556	20.0	19.3	
69 Ethyl acrylate	99	5.893	5.893	0.000	98	5517	20.0	19.6	
70 Methylcyclohexane	83	5.893	5.893	0.000	87	65983	20.0	21.9	
71 1,2-Dichloropropane	63	6.081	6.081	0.000	92	58857	20.0	20.9	
* 73 1,4-Dioxane-d8	96	6.151	6.151	0.000	0	19724	1000.0	1000.0	
72 Methyl methacrylate	69	6.151	6.151	0.000	86	60593	40.0	47.2	
74 n-Propyl acetate	43	6.210	6.210	0.000	97	50408	20.0	23.4	
75 1,4-Dioxane	88	6.222	6.222	0.000	31	10078	400.0	471.0	
76 Dibromomethane	93	6.228	6.228	0.000	97	34405	20.0	24.3	
77 Dichlorobromomethane	83	6.387	6.387	0.000	99	72732	20.0	19.6	
79 2-Nitropropane	41	6.769	6.769	0.000	97	18364	40.0	45.9	
80 Epichlorohydrin	57	6.893	6.893	0.000	99	59469	400.0	385.8	
81 cis-1,3-Dichloropropene	75	6.951	6.951	0.000	89	92879	20.0	18.3	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.134	0.000	96	161699	100.0	86.9	
$ 83 Toluene-d8 (Surr)	98	7.228	7.228	0.000	100	471271	50.0	45.6	
84 Toluene	91	7.322	7.322	0.000	93	235370	20.0	19.2	
86 trans-1,3-Dichloropropene	75	7.728	7.728	0.000	98	71384	20.0	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	7.757	7.757	0.000	88	47168	20.0	18.7	
87 1,1,2-Trichloroethane	83	7.992	7.992	0.000	98	44483	20.0	25.0	
88 Tetrachloroethene	166	8.040	8.040	0.000	96	55561	20.0	19.7	
89 1,3-Dichloropropane	76	8.263	8.263	0.000	91	80689	20.0	21.8	
90 2-Hexanone	58	8.345	8.345	0.000	96	55753	100.0	78.2	
91 n-Butyl acetate	73	8.510	8.510	0.000	98	8098	20.0	17.4	
92 Chlorodibromomethane	129	8.569	8.569	0.000	98	56946	20.0	22.0	
93 Ethylene Dibromide	107	8.769	8.769	0.000	98	46531	20.0	21.9	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	383527	50.0	50.0	
95 Chlorobenzene	112	9.351	9.351	0.000	96	155288	20.0	20.1	
96 Ethylbenzene	106	9.434	9.434	0.000	98	74184	20.0	17.2	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.451	0.000	97	54329	20.0	20.8	
98 m-Xylene & p-Xylene	106	9.569	9.569	0.000	0	89776	20.0	17.3	
99 n-Butyl acrylate	73	9.939	9.939	0.000	97	26326	20.0	15.5	
100 o-Xylene	106	9.951	9.951	0.000	94	89406	20.0	17.7	
101 Styrene	104	9.975	9.975	0.000	97	152272	20.0	18.3	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	92	54349	20.0	15.5	
103 Bromoform	173	10.163	10.163	0.000	95	34653	20.0	24.9	
104 Isopropylbenzene	105	10.257	10.257	0.000	95	197168	20.0	17.5	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	155160	50.0	53.3	
107 Bromobenzene	156	10.528	10.528	0.000	99	62206	20.0	18.7	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	66352	20.0	29.0	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	262070	20.0	16.3	
110 1,2,3-Trichloropropane	110	10.598	10.598	0.000	98	17160	20.0	26.4	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.610	0.000	90	11859	20.0	17.1	
112 2-Chlorotoluene	91	10.663	10.663	0.000	96	197417	20.0	17.5	
169 4-Ethyltoluene	105	10.663	10.663	0.000	89	214513	20.0	16.2	
113 1,3,5-Trimethylbenzene	105	10.710	10.710	0.000	94	179774	20.0	17.3	
115 4-Chlorotoluene	91	10.745	10.745	0.000	98	182090	20.0	17.7	
114 Butyl Methacrylate	87	10.775	10.775	0.000	89	60332	20.0	16.1	
116 tert-Butylbenzene	119	10.928	10.928	0.000	95	135750	20.0	15.9	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	97	186208	20.0	17.4	
118 sec-Butylbenzene	134	11.075	11.075	0.000	99	38925	20.0	15.6	
119 4-Isopropyltoluene	119	11.169	11.169	0.000	98	164457	20.0	15.5	
120 1,3-Dichlorobenzene	146	11.180	11.180	0.000	97	118941	20.0	19.4	
* 121 1,4-Dichlorobenzene-d4	152	11.228	11.228	0.000	95	202195	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.245	11.245	0.000	96	125308	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	98	202252	20.0	18.5	
124 Benzyl chloride	91	11.339	11.339	0.000	99	108528	20.0	23.7	
162 2,3-Dihydroindene	117	11.386	11.386	0.000	94	181131	20.0	18.2	
164 p-Diethylbenzene	119	11.416	11.416	0.000	93	105163	20.0	16.8	
127 n-Butylbenzene	92	11.433	11.433	0.000	98	90096	20.0	17.6	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	97	110903	20.0	21.0	
163 1,2,4,5-Tetramethylbenzene	119	11.963	11.963	0.000	97	134819	20.0	15.1	
130 1,2-Dibromo-3-Chloropropane	157	12.069	12.069	0.000	96	10266	20.0	27.9	
131 1,3,5-Trichlorobenzene	180	12.175	12.175	0.000	97	62260	20.0	18.2	
132 1,2,4-Trichlorobenzene	180	12.704	12.704	0.000	95	48628	20.0	20.8	
133 Hexachlorobutadiene	225	12.780	12.780	0.000	90	16280	20.0	17.3	
134 Naphthalene	128	12.945	12.945	0.000	100	106268	20.0	23.4	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	97	37361	20.0	21.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.1	
S 137 Xylenes, Total	100				0		40.0	34.9	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00208	Amount Added:	20.00	Units: uL	
524FREONS_00037	Amount Added:	20.00	Units: uL	
ACROLEIN W_00186	Amount Added:	4.00	Units: uL	
GASES Li_00654	Amount Added:	20.00	Units: uL	
8260ISNEW_00213	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00255	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Aug-2025 12:03:21 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30081.D

Injection Date: 01-Aug-2025 07:32:30 Instrument ID: CVOAMS1 Operator ID:

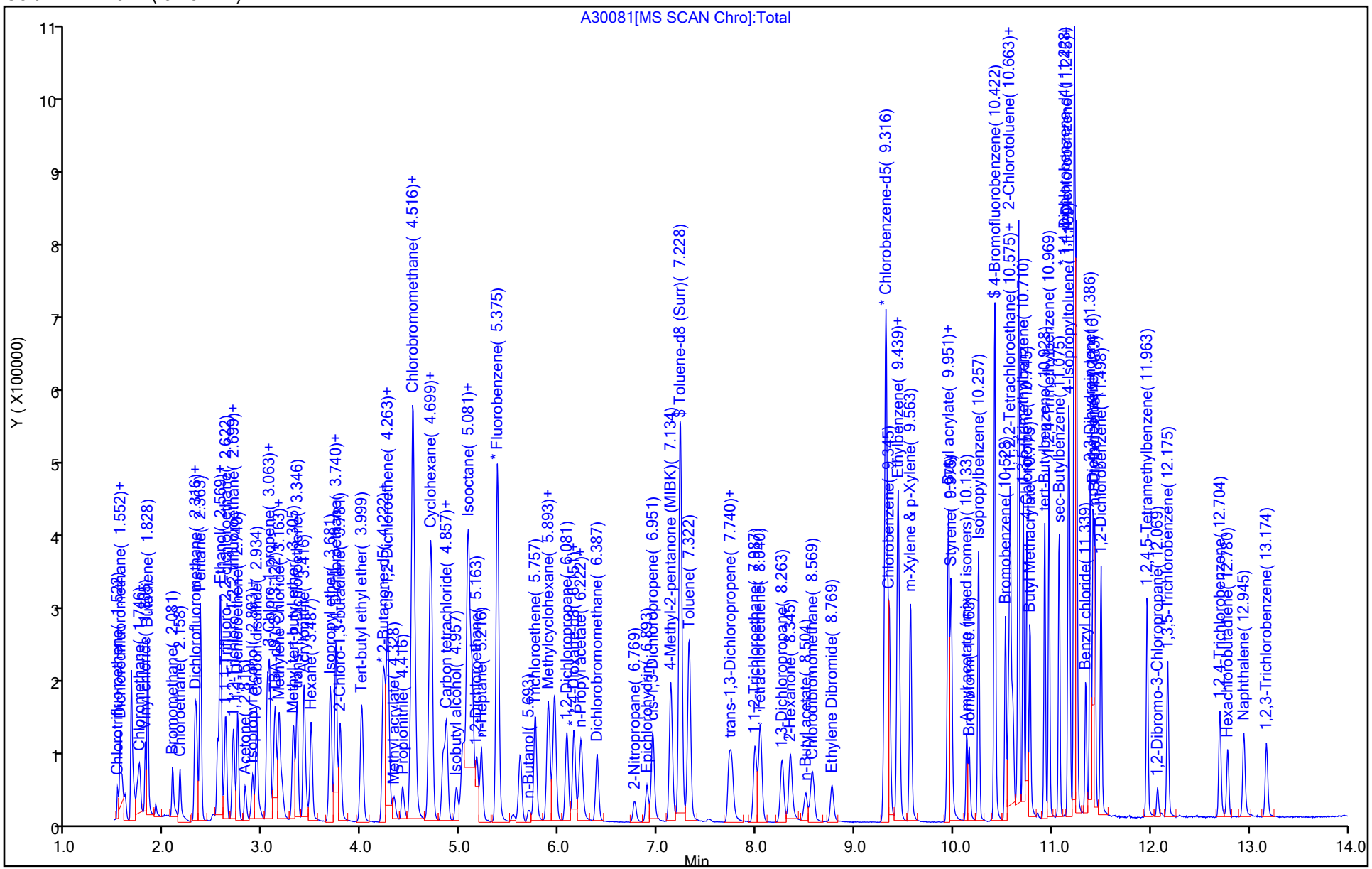
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26555.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	14-May-2025 02:43:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0190761-001				
Operator ID:		Instrument ID:	CVOAMS1		
Method:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\8260624W_1.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	14-May-2025 21:12:01	Calib Date:	14-May-2025 10:45:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1723				
First Level Reviewer: HVW2		Date:	14-May-2025 03:08:48		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

QC Flag Legend

Processing Flags
8 - Failed MS Tune Ratio Test
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

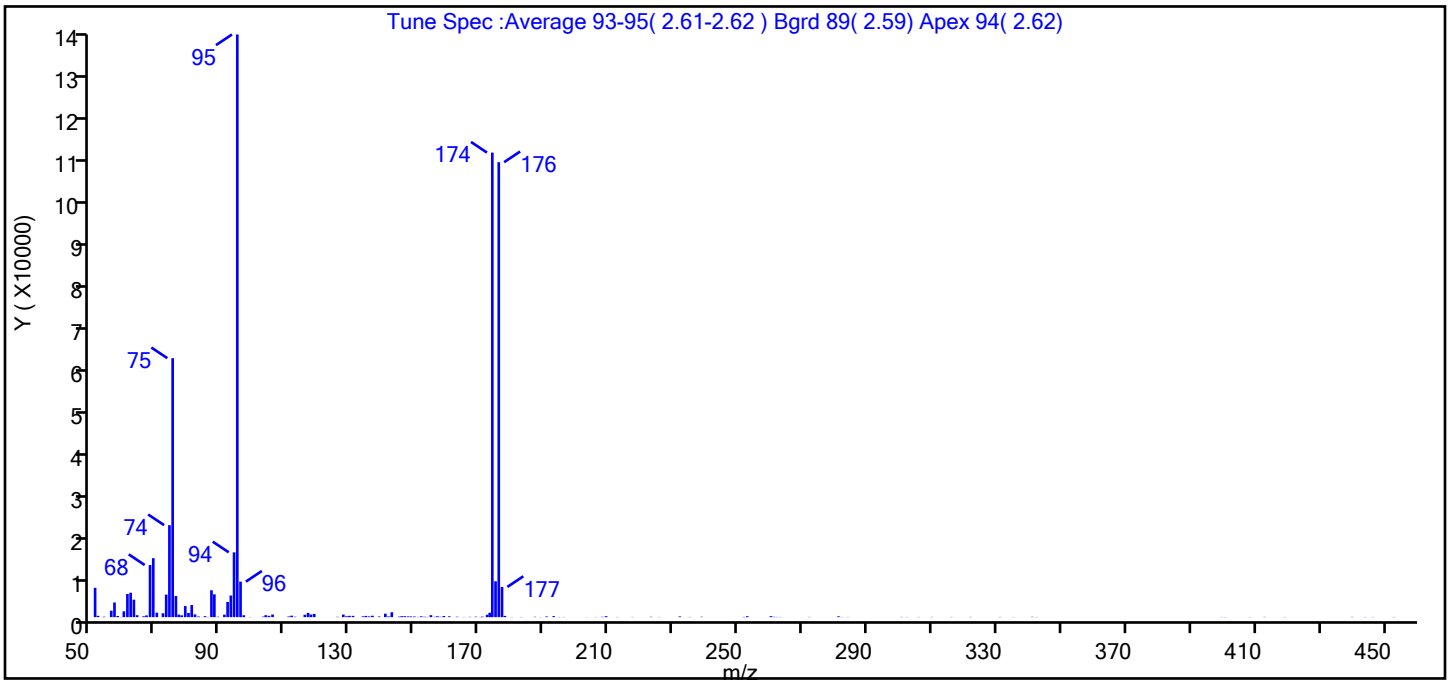
BFB_00039 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26555.D
Injection Date: 14-May-2025 02:43:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (125.4)
96	5 to 9% of m/z 95	6.1
173	<2% of m/z 174	0.8 (0.9)
174	50 to 200% of m/z 95	79.7
175	5 to 9% of m/z 174	6.2 (7.7)
176	95 to 105% of m/z 174	78.1 (97.9)
177	5 to 10% of m/z 176	5.2 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26555.D\8260624W_1.rslt\spectra.d
Injection Date: 14-May-2025 02:43:30
Spectrum: Tune Spec :Average 93-95(2.61-2.62) Bgrd 89(2.59) Apex 94(2.62)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 146

m/z	Y	m/z	Y	m/z	Y	m/z	Y
51.00	6653	93.00	4907	152.00	187	226.00	47
52.00	299	94.00	14701	153.00	86	232.00	159
54.00	106	95.00	132160	154.00	51	235.00	52
56.00	1462	96.00	8056	155.00	449	239.00	89
57.00	3327	97.00	432	156.00	68	252.00	51
58.00	264	99.00	39	157.00	190	252.00	38
59.00	26	103.00	120	158.00	77	253.00	206
60.00	1324	104.00	440	159.00	255	260.00	221
61.00	5239	105.00	300	161.00	183	261.00	77
62.00	5536	106.00	595	163.00	99	262.00	50
63.00	3961	111.00	145	165.00	42	263.00	43
64.00	441	112.00	335	167.00	63	270.00	11
66.00	190	113.00	91	169.00	104	272.00	50
67.00	385	116.00	538	170.00	42	281.00	185
68.00	11823	117.00	965	171.00	114	282.00	49
69.00	13376	118.00	590	172.00	533	284.00	40
70.00	1009	119.00	733	173.00	992	300.00	51
72.00	878	126.00	81	174.00	105368	302.00	41
73.00	5114	128.00	591	175.00	8130	306.00	46
74.00	20872	129.00	199	176.00	103192	310.00	51
75.00	58736	130.00	298	177.00	6848	316.00	46
76.00	4803	131.00	291	178.00	281	322.00	52
77.00	574	134.00	182	180.00	40	331.00	50
78.00	404	135.00	278	183.00	41	335.00	36
79.00	2512	136.00	172	187.00	81	341.00	75
80.00	945	137.00	317	189.00	37	342.00	42
81.00	2748	139.00	142	191.00	154	400.00	42
82.00	616	141.00	784	193.00	232	401.00	35
83.00	153	142.00	168	195.00	40	408.00	37
84.00	17	143.00	1112	196.00	43	413.00	56
85.00	219	145.00	121	203.00	35	419.00	38
86.00	46	146.00	216	206.00	37	440.00	60
87.00	6095	147.00	205	208.00	84	444.00	37

Report Date: 14-May-2025 21:12:02 Chrom Revision: 2.3 18-Apr-2025 15:35:42
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26555.D\8260624W_1.rslt\spectra.d
Injection Date: 14-May-2025 02:43:30
Spectrum: Tune Spec :Average 93-95(2.61-2.62) Bgrd 89(2.59) Apex 94(2.62)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 146

m/z	Y	m/z	Y	m/z	Y	m/z	Y
88.00	5182	148.00	162	209.00	222	446.00	39
89.00	103	149.00	158	213.00	44	453.00	47
91.00	559	150.00	138	217.00	47		
92.00	3435	151.00	49	223.00	80		

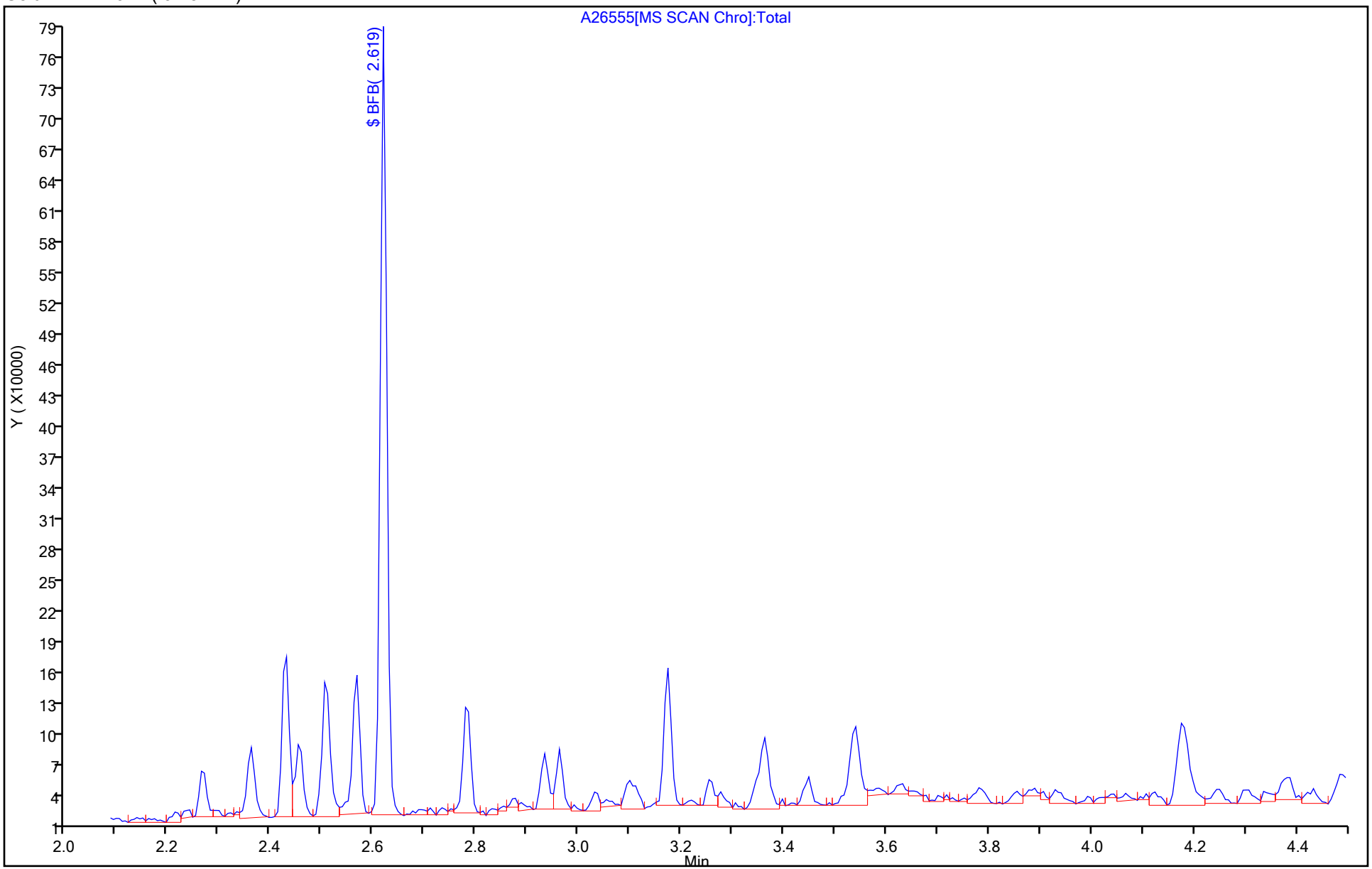
Report Date: 14-May-2025 21:12:02 Chrom Revision: 2.3 18-Apr-2025 15:35:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26555.D

Injection Date:	14-May-2025 02:43:30	Instrument ID:	CVOAMS1	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260624W_1	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1053164/9

Matrix: Water | Lab File ID: A30087.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 09:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.45	U	0.45	0.070
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
108-88-3	Toluene	1.0	U	1.0	0.38
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30087.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 01-Aug-2025 09:59:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0194382-009
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 10:18:39 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: KG2Q Date: 01-Aug-2025 10:18:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	120044	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	155064	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	122997	50.0	50.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	110322	50.0	45.9	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	483541	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.157	6.151	0.006	0	17412	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	99	429803	50.0	47.1	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	85	338651	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	133818	50.0	52.0	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	95	172946	50.0	50.0	

Reagents:

8260ISNEW_00213 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00255 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 01-Aug-2025 10:18:40 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30087.D

Injection Date: 01-Aug-2025 09:59:30 Instrument ID: CVOAMS1 Operator ID:

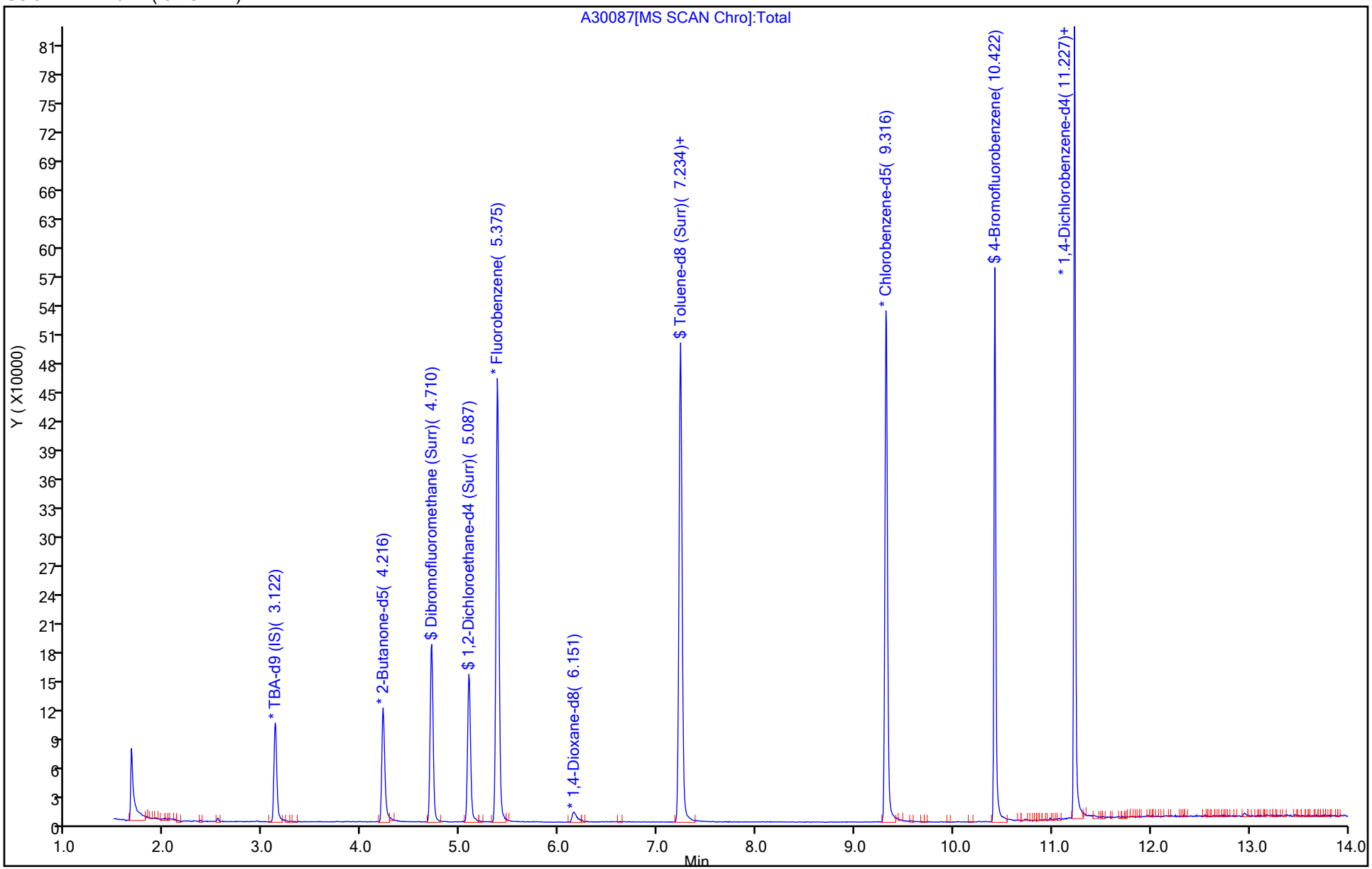
Lims ID: MB Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30087.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 01-Aug-2025 09:59:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0194382-009
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 10:18:39 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: KG2Q Date: 01-Aug-2025 10:18:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	50.9	101.86
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	45.9	91.72
$ 83 Toluene-d8 (Surr)	50.0	47.1	94.17
$ 105 4-Bromofluorobenzene	50.0	52.0	104.06

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1053164/5

Matrix: Water | Lab File ID: A30083.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/01/2025 08:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 1053164 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	18.7		0.45	0.070
100-41-4	Ethylbenzene	17.3		1.0	0.30
108-88-3	Toluene	18.4		1.0	0.38
1330-20-7	Xylenes, Total	34.0		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-128
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	91		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30083.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 01-Aug-2025 08:21:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0194382-005
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 17:19:02 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: KG2Q Date: 01-Aug-2025 08:47:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
170 Chlorotrifluoroethene	116	1.522	1.522	0.000	90	13126	20.0	23.4	
4 Dichlorodifluoromethane	85	1.552	1.552	0.000	99	68383	20.0	17.9	
165 Chlorodifluoromethane	51	1.569	1.569	0.000	93	69392	20.0	21.4	
6 Chloromethane	50	1.746	1.746	0.000	98	87639	20.0	21.5	
7 Vinyl chloride	62	1.805	1.805	0.000	98	74305	20.0	20.9	
172 Butadiene	39	1.828	1.828	0.000	95	61342	20.0	19.0	
9 Bromomethane	94	2.081	2.081	0.000	99	41591	20.0	17.7	
10 Chloroethane	64	2.157	2.158	-0.001	99	52112	20.0	21.7	
174 Dichlorofluoromethane	67	2.310	2.310	0.000	99	116464	20.0	17.9	
12 Trichlorofluoromethane	101	2.328	2.322	0.006	99	77255	20.0	16.8	
13 Pentane	72	2.363	2.363	0.000	96	18013	40.0	46.8	
14 Ethanol	46	2.499	2.493	0.006	99	8954	800.0	778.7	
15 Ethyl ether	59	2.540	2.540	0.000	95	42429	20.0	20.5	
16 2-Methyl-1,3-butadiene	53	2.563	2.563	0.000	91	42396	20.0	17.7	
167 1,2-Dichloro-1,1,2-trifluoroetha	117	2.569	2.569	0.000	87	45373	20.0	19.5	
171 1,1,1-Trifluoro-2,2-dichloroetha	83	2.616	2.616	0.000	97	78735	20.0	19.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.693	2.699	-0.006	95	49137	20.0	19.8	
19 Acrolein	56	2.710	2.710	0.000	94	11268	40.0	34.4	
21 1,1-Dichloroethene	96	2.740	2.740	0.000	96	49703	20.0	18.8	
22 Acetone	58	2.816	2.816	0.000	88	19468	100.0	103.1	
24 Isopropyl alcohol	45	2.881	2.881	0.000	100	21897	200.0	187.5	
23 Iodomethane	142	2.899	2.893	0.006	97	65409	20.0	19.7	
25 Carbon disulfide	76	2.934	2.934	0.000	98	198223	20.0	22.6	
161 3-Chloro-1-propene	76	3.040	3.040	0.000	93	32860	20.0	17.7	
27 Methyl acetate	43	3.046	3.046	0.000	96	55424	40.0	41.4	
166 Cyclopentene	67	3.063	3.063	0.000	92	135287	20.0	18.7	
29 Acetonitrile	41	3.110	3.110	0.000	99	54770	200.0	218.5	
* 30 TBA-d9 (IS)	65	3.122	3.122	0.000	0	155523	1000.0	1000.0	
31 Methylene Chloride	84	3.163	3.163	0.000	89	63614	20.0	20.7	
32 2-Methyl-2-propanol	59	3.193	3.193	0.000	98	34822	200.0	189.4	
33 Methyl tert-butyl ether	73	3.310	3.310	0.000	97	128404	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	3.346	3.346	0.000	92	59027	20.0	19.4	
35 Acrylonitrile	53	3.416	3.416	0.000	95	155233	200.0	269.5	
36 Hexane	43	3.487	3.487	0.000	92	35395	20.0	21.6	
37 Isopropyl ether	45	3.681	3.681	0.000	97	154165	20.0	17.9	
38 1,1-Dichloroethane	63	3.734	3.734	0.000	77	100142	20.0	18.3	
39 Vinyl acetate	86	3.740	3.740	0.000	99	17716	40.0	35.9	
40 2-Chloro-1,3-butadiene	88	3.781	3.781	0.000	89	45643	20.0	17.3	
41 Tert-butyl ethyl ether	59	3.999	3.999	0.000	90	141453	20.0	17.7	
* 42 2-Butanone-d5	46	4.216	4.216	0.000	0	186864	250.0	250.0	
43 2,2-Dichloropropane	97	4.240	4.234	0.006	95	19607	20.0	18.4	
44 cis-1,2-Dichloroethene	96	4.263	4.263	0.000	98	62818	20.0	18.3	
46 Ethyl acetate	70	4.263	4.269	-0.006	95	9073	40.0	35.0	
45 2-Butanone (MEK)	72	4.269	4.275	-0.006	97	24216	100.0	91.2	
47 Methyl acrylate	55	4.328	4.328	0.000	100	34530	20.0	21.8	
48 Propionitrile	54	4.416	4.416	0.000	99	55893	200.0	211.9	
50 Chlorobromomethane	128	4.499	4.499	-0.001	89	30876	20.0	22.1	
49 Tetrahydrofuran	42	4.510	4.504	0.006	56	31105	40.0	40.2	
51 Methacrylonitrile	67	4.522	4.516	0.006	90	193845	200.0	257.5	
52 Chloroform	83	4.540	4.540	0.000	99	100232	20.0	18.3	
53 Cyclohexane	56	4.687	4.687	0.000	89	77824	20.0	19.6	
54 1,1,1-Trichloroethane	97	4.704	4.699	0.005	97	77734	20.0	16.8	
$ 55 Dibromofluoromethane (Surr)	113	4.710	4.704	0.006	97	124240	50.0	44.8	
56 Carbon tetrachloride	117	4.828	4.828	0.000	97	60215	20.0	16.2	
57 1,1-Dichloropropene	75	4.857	4.857	0.000	98	70332	20.0	17.3	
58 Isobutyl alcohol	43	4.963	4.963	0.000	96	32611	500.0	416.1	
59 Isooctane	57	5.022	5.022	0.000	98	94762	20.0	19.9	
60 Benzene	78	5.075	5.069	0.006	95	232075	20.0	18.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.087	5.087	0.000	0	116275	50.0	42.1	
62 Isopropyl acetate	61	5.104	5.104	0.000	98	19613	20.0	22.1	
63 Tert-amyl methyl ether	87	5.122	5.116	0.006	95	43035	20.0	20.9	
64 1,2-Dichloroethane	62	5.169	5.169	0.000	96	65668	20.0	18.2	
65 n-Heptane	71	5.216	5.210	0.006	88	27994	20.0	22.4	
* 66 Fluorobenzene	96	5.375	5.375	0.000	99	555532	50.0	50.0	
67 n-Butanol	56	5.693	5.687	0.006	90	17248	500.0	325.1	
68 Trichloroethene	95	5.763	5.757	0.006	97	60250	20.0	18.7	
69 Ethyl acrylate	99	5.887	5.893	-0.006	96	6523	20.0	21.1	
70 Methylcyclohexane	83	5.893	5.893	0.000	87	69976	20.0	21.1	
71 1,2-Dichloropropane	63	6.081	6.081	0.000	93	58431	20.0	18.9	
* 73 1,4-Dioxane-d8	96	6.157	6.151	0.006	0	20940	1000.0	1000.0	
72 Methyl methacrylate	69	6.157	6.151	0.006	86	57980	40.0	41.1	
74 n-Propyl acetate	43	6.216	6.210	0.006	98	53653	20.0	22.7	
75 1,4-Dioxane	88	6.216	6.222	-0.006	30	10735	400.0	472.6	
76 Dibromomethane	93	6.228	6.228	0.000	98	34030	20.0	21.8	
77 Dichlorobromomethane	83	6.387	6.387	0.000	99	71883	20.0	17.6	
79 2-Nitropropane	41	6.769	6.769	0.000	95	17451	40.0	39.5	
80 Epichlorohydrin	57	6.892	6.893	-0.001	98	55490	400.0	348.4	
81 cis-1,3-Dichloropropene	75	6.951	6.951	0.000	90	85534	20.0	16.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.134	7.134	0.000	96	169420	100.0	88.1	
$ 83 Toluene-d8 (Surr)	98	7.234	7.228	0.006	100	477548	50.0	45.3	
84 Toluene	91	7.322	7.322	0.000	93	229752	20.0	18.4	
86 trans-1,3-Dichloropropene	75	7.728	7.728	0.000	98	69247	20.0	16.6	
85 Ethyl methacrylate	69	7.757	7.757	0.000	88	46836	20.0	16.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	7.987	7.992	-0.006	97	43985	20.0	24.2	
88 Tetrachloroethene	166	8.039	8.040	-0.001	97	54807	20.0	19.0	
89 1,3-Dichloropropane	76	8.263	8.263	0.000	92	79337	20.0	21.0	
90 2-Hexanone	58	8.345	8.345	0.000	96	55321	100.0	75.1	
91 n-Butyl acetate	73	8.498	8.510	-0.012	98	8958	20.0	18.8	
92 Chlorodibromomethane	129	8.569	8.569	0.000	98	55322	20.0	20.9	
93 Ethylene Dibromide	107	8.769	8.769	0.000	97	46808	20.0	21.7	
* 94 Chlorobenzene-d5	117	9.316	9.316	0.000	84	390863	50.0	50.0	
95 Chlorobenzene	112	9.351	9.351	0.000	96	154690	20.0	19.6	
96 Ethylbenzene	106	9.433	9.434	-0.001	98	76002	20.0	17.3	
97 1,1,1,2-Tetrachloroethane	131	9.451	9.451	0.000	96	54758	20.0	20.6	
98 m-Xylene & p-Xylene	106	9.569	9.569	0.000	0	88886	20.0	16.8	
99 n-Butyl acrylate	73	9.939	9.939	0.000	98	27335	20.0	15.8	
100 o-Xylene	106	9.951	9.951	0.000	94	88605	20.0	17.2	
101 Styrene	104	9.981	9.975	0.005	97	152907	20.0	18.0	
102 Amyl acetate (mixed isomers)	43	10.133	10.133	0.000	92	58687	20.0	16.5	
103 Bromoform	173	10.163	10.163	0.000	97	33933	20.0	23.9	
104 Isopropylbenzene	105	10.257	10.257	0.000	95	194826	20.0	17.0	
$ 105 4-Bromofluorobenzene	174	10.422	10.422	0.000	90	160586	50.0	54.1	
107 Bromobenzene	156	10.528	10.528	0.000	98	61278	20.0	18.1	
106 1,1,2,2-Tetrachloroethane	83	10.557	10.557	0.000	99	64008	20.0	27.6	
108 N-Propylbenzene	91	10.575	10.575	0.000	99	259116	20.0	15.9	
110 1,2,3-Trichloropropane	110	10.598	10.598	0.000	96	17137	20.0	26.0	
109 trans-1,4-Dichloro-2-butene	53	10.610	10.610	0.000	91	11730	20.0	16.6	
112 2-Chlorotoluene	91	10.663	10.663	0.000	96	193426	20.0	16.9	
169 4-Ethyltoluene	105	10.663	10.663	0.000	89	215640	20.0	16.0	
113 1,3,5-Trimethylbenzene	105	10.710	10.710	0.000	94	178246	20.0	16.8	
115 4-Chlorotoluene	91	10.745	10.745	0.000	97	179720	20.0	17.2	
114 Butyl Methacrylate	87	10.775	10.775	0.000	88	60373	20.0	15.8	
116 tert-Butylbenzene	119	10.927	10.928	-0.001	95	138449	20.0	15.9	
117 1,2,4-Trimethylbenzene	105	10.969	10.969	0.000	97	184418	20.0	16.9	
118 sec-Butylbenzene	134	11.075	11.075	0.000	99	38340	20.0	15.2	
119 4-Isopropyltoluene	119	11.169	11.169	0.000	98	168451	20.0	15.6	
120 1,3-Dichlorobenzene	146	11.180	11.180	0.000	96	117199	20.0	18.9	
* 121 1,4-Dichlorobenzene-d4	152	11.227	11.228	-0.001	95	205467	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.245	11.245	0.000	96	123346	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	11.251	11.251	0.000	98	203038	20.0	18.3	
124 Benzyl chloride	91	11.345	11.339	0.006	99	100259	20.0	21.5	
162 2,3-Dihydroindene	117	11.392	11.386	0.006	94	179502	20.0	17.8	
164 p-Diethylbenzene	119	11.416	11.416	0.000	92	106553	20.0	16.7	
127 n-Butylbenzene	92	11.439	11.433	0.006	97	87901	20.0	16.9	
128 1,2-Dichlorobenzene	146	11.498	11.498	0.000	97	109253	20.0	20.3	
163 1,2,4,5-Tetramethylbenzene	119	11.969	11.963	0.006	97	135548	20.0	14.9	
130 1,2-Dibromo-3-Chloropropane	157	12.074	12.069	0.005	94	10829	20.0	29.0	
131 1,3,5-Trichlorobenzene	180	12.174	12.175	-0.001	97	60978	20.0	17.5	
132 1,2,4-Trichlorobenzene	180	12.704	12.704	0.000	94	48576	20.0	20.5	
133 Hexachlorobutadiene	225	12.786	12.780	0.006	91	16728	20.0	17.5	
134 Naphthalene	128	12.945	12.945	0.000	100	113612	20.0	24.6	
135 1,2,3-Trichlorobenzene	180	13.174	13.174	0.000	95	37248	20.0	20.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.7	
S 137 Xylenes, Total	100				0		40.0	34.0	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00208	Amount Added:	20.00	Units: uL	
524FREONS_00037	Amount Added:	20.00	Units: uL	
ACROLEIN W_00186	Amount Added:	4.00	Units: uL	
GASES Li_00654	Amount Added:	20.00	Units: uL	
8260ISNEW_00213	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00255	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Aug-2025 19:41:38 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30083.D

Injection Date: 01-Aug-2025 08:21:30 Instrument ID: CVOAMS1 Operator ID:

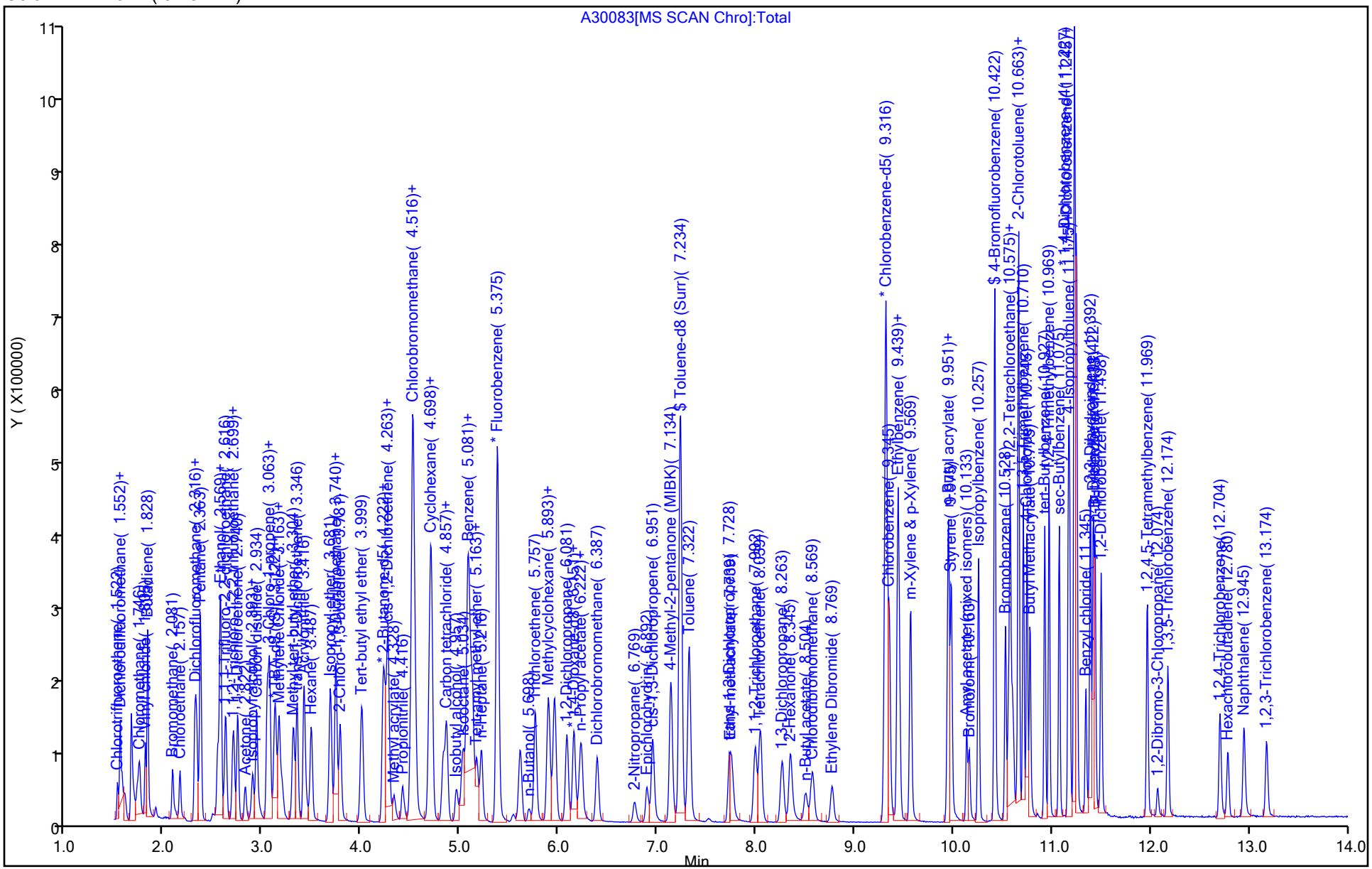
Lims ID: LCS Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\A30083.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 01-Aug-2025 08:21:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0194382-005
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250801-194382.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Aug-2025 17:19:02 Calib Date: 14-May-2025 10:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20250514-190761.b\A26574.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1651

First Level Reviewer: KG2Q Date: 01-Aug-2025 08:47:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	44.8	89.56
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.1	84.14
$ 83 Toluene-d8 (Surr)	50.0	45.3	90.66
$ 105 4-Bromofluorobenzene	50.0	54.1	108.20

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 05/14/2025 02:43

Analysis Batch Number: 1037325 End Date: 05/14/2025 18:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-1037325/1		05/14/2025 02:43	1	A26555.D	Rtx-624 0.25(mm)
STD7 460-1037325/4 IC		05/14/2025 04:13	1	A26558.D	Rtx-624 0.25(mm)
STD5 460-1037325/6 IC		05/14/2025 05:03	1	A26560.D	Rtx-624 0.25(mm)
STD20 460-1037325/7 ICIS		05/14/2025 05:27	1	A26561.D	Rtx-624 0.25(mm)
STD50 460-1037325/8 IC		05/14/2025 05:52	1	A26562.D	Rtx-624 0.25(mm)
STD200 460-1037325/9 IC		05/14/2025 06:16	1	A26563.D	Rtx-624 0.25(mm)
STD500 460-1037325/10 IC		05/14/2025 06:40	1	A26564.D	Rtx-624 0.25(mm)
STD8 460-1037325/19 IC		05/14/2025 10:21	1	A26573.D	Rtx-624 0.25(mm)
STD1 460-1037325/20 IC		05/14/2025 10:45	1	A26574.D	Rtx-624 0.25(mm)
ICV 460-1037325/21		05/14/2025 11:47	1	A26575.D	Rtx-624 0.25(mm)
ZZZZZ (QC)		05/14/2025 12:19	1		Rtx-624 0.25(mm)
ZZZZZ (QC)		05/14/2025 12:44	1		Rtx-624 0.25(mm)
ZZZZZ (QC)		05/14/2025 13:57	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 14:21	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 14:46	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 15:10	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 15:35	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 15:59	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 16:24	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 16:48	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 17:13	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 17:37	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		05/14/2025 18:01	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 08/01/2025 07:32

Analysis Batch Number: 1053164 End Date: 08/01/2025 18:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1053164/3		08/01/2025 07:32	1	A30081.D	Rtx-624 0.25(mm)
ZZZZZ		08/01/2025 07:56	1		Rtx-624 0.25(mm)
LCS 460-1053164/5		08/01/2025 08:21	1	A30083.D	Rtx-624 0.25(mm)
MB 460-1053164/9		08/01/2025 09:59	1	A30087.D	Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 10:23	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 10:48	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 11:12	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 11:37	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 12:01	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 12:26	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 12:50	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 13:15	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 13:39	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 14:04	1		Rtx-624 0.25(mm)
ZZZZZ (Client)		08/01/2025 14:28	1		Rtx-624 0.25(mm)
460-331763-1	TB-07292025	08/01/2025 14:53	1	A30099.D	Rtx-624 0.25(mm)
460-331763-5	MW-13S	08/01/2025 15:17	1	A30100.D	Rtx-624 0.25(mm)
460-331763-6	MW-13D	08/01/2025 15:42	1	A30101.D	Rtx-624 0.25(mm)
460-331763-7	MW-4S	08/01/2025 16:06	1	A30102.D	Rtx-624 0.25(mm)
460-331763-2	MW-11S	08/01/2025 16:31	1	A30103.D	Rtx-624 0.25(mm)
460-331763-3	MW-8S	08/01/2025 16:55	1	A30104.D	Rtx-624 0.25(mm)
460-331763-4	MW-3	08/01/2025 17:19	1	A30105.D	Rtx-624 0.25(mm)
ZZZZZ (QC)		08/01/2025 18:33	1		Rtx-624 0.25(mm)
ZZZZZ (QC)		08/01/2025 18:57	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1037325 Batch Start Date: 05/14/25 02:43 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00184	524FREONS 00033	7 Freons Hi 00027	7 Freons SS 00028
BFB 460-1037325/1		8260D			5 mL	5 mL				
STD7 460-1037325/4 IC		8260D			5 mL	5 mL				
STD5 460-1037325/6 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-1037325/7 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-1037325/8 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-1037325/9 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-1037325/10 IC		8260D			5 mL	5 mL			50 uL	
STD8 460-1037325/19 IC		8260D			5 mL	5 mL				
STD1 460-1037325/20 IC		8260D			5 mL	5 mL	30 uL	10 uL		
ICV 460-1037325/21		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00192	8260ISNEW 00210	8260MIX1COMB 00205	8260SURR250 00254	ACROLEIN SP 00177	ACROLEIN W 00183
BFB 460-1037325/1		8260D								
STD7 460-1037325/4 IC		8260D				1 uL		1 uL		
STD5 460-1037325/6 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD20 460-1037325/7 ICIS		8260D				1 uL	20 uL	1 uL		4 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1037325 Batch Start Date: 05/14/25 02:43 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00192	8260ISNEW 00210	8260MIX1COMB 00205	8260SURR250 00254	ACROLEIN SP 00177	ACROLEIN W 00183
STD50 460-1037325/8 IC		8260D				1 uL	50 uL	1 uL		10 uL
STD200 460-1037325/9 IC		8260D				1 uL		1 uL		20 uL
STD500 460-1037325/10 IC		8260D				1 uL		1 uL		40 uL
STD8 460-1037325/19 IC		8260D				1 uL	2 uL	1 uL		
STD1 460-1037325/20 IC		8260D				1 uL	10 uL	1 uL		4 uL
ICV 460-1037325/21		8260D			20 uL	1 uL		1 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00137	BFB 00039	Ethanol mix 00101	GAS C SP 00622	GAS Hi 00495	GASES Li 00641
BFB 460-1037325/1		8260D				1 uL				
STD7 460-1037325/4 IC		8260D			20 uL					2.5 uL
STD5 460-1037325/6 IC		8260D								10 uL
STD20 460-1037325/7 ICIS		8260D								20 uL
STD50 460-1037325/8 IC		8260D								50 uL
STD200 460-1037325/9 IC		8260D					20 uL		20 uL	
STD500 460-1037325/10 IC		8260D					50 uL		50 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1037325 Batch Start Date: 05/14/25 02:43 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00137	BFB 00039	Ethanol mix 00101	GAS C SP 00622	GAS Hi 00495	GASES Li 00641
STD8 460-1037325/19 IC		8260D								
STD1 460-1037325/20 IC		8260D								10 uL
ICV 460-1037325/21		8260D						20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX 2 Hi 00161	MIX I Hi 00188				
BFB 460-1037325/1		8260D								
STD7 460-1037325/4 IC		8260D								
STD5 460-1037325/6 IC		8260D								
STD20 460-1037325/7 ICIS		8260D								
STD50 460-1037325/8 IC		8260D								
STD200 460-1037325/9 IC		8260D			20 uL	20 uL				
STD500 460-1037325/10 IC		8260D			50 uL	50 uL				
STD8 460-1037325/19 IC		8260D								
STD1 460-1037325/20 IC		8260D								
ICV 460-1037325/21		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1037325 Batch Start Date: 05/14/25 02:43 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1053164 Batch Start Date: 08/01/25 07:32 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00037	8260ISNEW 00213	8260MIX1COMB 00208
CCVIS 460-1053164/3		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-1053164/5		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-1053164/9		8260D			5 mL	5 mL			1 uL	
460-331763-A-1	TB-07292025	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331763-A-5	MW-13S	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331763-A-6	MW-13D	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331763-A-7	MW-4S	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331763-A-2	MW-11S	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331763-A-3	MW-8S	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	
460-331763-A-4	MW-3	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00255	ACROLEIN W 00186	GASES Li 00654			
CCVIS 460-1053164/3		8260D			1 uL	4 uL	20 uL			
LCS 460-1053164/5		8260D			1 uL	4 uL	20 uL			
MB 460-1053164/9		8260D			1 uL					
460-331763-A-1	TB-07292025	8260D	Water	T	1 uL					
460-331763-A-5	MW-13S	8260D	Water	T	1 uL					
460-331763-A-6	MW-13D	8260D	Water	T	1 uL					
460-331763-A-7	MW-4S	8260D	Water	T	1 uL					
460-331763-A-2	MW-11S	8260D	Water	T	1 uL					
460-331763-A-3	MW-8S	8260D	Water	T	1 uL					
460-331763-A-4	MW-3	8260D	Water	T	1 uL					

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1053164 Batch Start Date: 08/01/25 07:32 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
MW-11S	460-331763-2	69	54	30
MW-8S	460-331763-3	88	66	37
MW-3	460-331763-4	76	61	35
MW-13S	460-331763-5	80	66	33
MW-13D	460-331763-6	88	64	44
MW-4S	460-331763-7	92	68	45
	MB 460-1053256/1-A	98	87	74
	LCS 460-1053256/2-A	58	56	51
	LCSD 460-1053256/3-A	59	56	52

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	39-145
FBP = 2-Fluorobiphenyl	38-139
TPHL = Terphenyl-d14 (Surr)	10-133

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M351486.D

Lab ID: LCS 460-1053256/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
2-Methylnaphthalene	80.0	56.6	71	45-110	
Acenaphthene	80.0	50.0	62	58-127	
Acenaphthylene	80.0	58.8	74	63-133	
Anthracene	80.0	59.9	75	59-127	
Benzo[a]anthracene	80.0	57.3	72	58-131	
Benzo[a]pyrene	80.0	57.7	72	63-148	
Benzo[b]fluoranthene	80.0	56.6	71	60-140	
Benzo[g,h,i]perylene	80.0	53.5	67	52-150	
Benzo[k]fluoranthene	80.0	54.6	68	60-140	
Chrysene	80.0	55.6	69	57-132	
Dibenz(a,h)anthracene	80.0	56.6	71	53-150	
Fluoranthene	80.0	60.7	76	59-137	
Fluorene	80.0	55.1	69	61-125	
Indeno[1,2,3-cd]pyrene	80.0	58.4	73	54-150	
Naphthalene	80.0	56.3	70	45-126	
Phenanthrene	80.0	59.1	74	58-126	
Pyrene	80.0	53.5	67	53-137	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M351487.D

Lab ID: LCSD 460-1053256/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
2-Methylnaphthalene	80.0	57.1	71	1	30	45-110	
Acenaphthene	80.0	50.2	63	0	30	58-127	
Acenaphthylene	80.0	59.3	74	1	30	63-133	
Anthracene	80.0	58.8	74	2	30	59-127	
Benzo[a]anthracene	80.0	57.1	71	0	30	58-131	
Benzo[a]pyrene	80.0	57.1	71	1	30	63-148	
Benzo[b]fluoranthene	80.0	58.0	72	2	30	60-140	
Benzo[g,h,i]perylene	80.0	53.3	67	0	30	52-150	
Benzo[k]fluoranthene	80.0	53.4	67	2	30	60-140	
Chrysene	80.0	56.1	70	1	30	57-132	
Dibenz(a,h)anthracene	80.0	56.8	71	0	30	53-150	
Fluoranthene	80.0	60.5	76	0	30	59-137	
Fluorene	80.0	54.3	68	2	30	61-125	
Indeno[1,2,3-cd]pyrene	80.0	58.2	73	0	30	54-150	
Naphthalene	80.0	57.6	72	2	30	45-126	
Phenanthrene	80.0	59.1	74	0	30	58-126	
Pyrene	80.0	53.5	67	0	30	53-137	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab File ID: M351488.D Lab Sample ID: MB 460-1053256/1-A

Matrix: Water Date Extracted: 08/01/2025 10:26

Instrument ID: CBNAMS17 Date Analyzed: 08/01/2025 22:33

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1053256/2-A	M351486.D	08/01/2025 19:19
	LCSD 460-1053256/3-A	M351487.D	08/01/2025 19:44
MW-11S	460-331763-2	M351500.D	08/02/2025 02:48
MW-8S	460-331763-3	M351501.D	08/02/2025 03:09
MW-3	460-331763-4	M351502.D	08/02/2025 03:30
MW-13S	460-331763-5	M351503.D	08/02/2025 03:50
MW-13D	460-331763-6	M351504.D	08/02/2025 04:12
MW-4S	460-331763-7	M351505.D	08/02/2025 04:32

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab File ID: M351408.D DFTPP Injection Date: 07/25/2025

Instrument ID: CBNAMS17 DFTPP Injection Time: 05:53

Analysis Batch No.: 1051713

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.9 (1.5) 1
69	Present	57.1
70	Less than 2% of m/z 69	0.2 (0.4) 1
197	Less than 2% of m/z 198	0.0
198	Base Peak	100.0
199	5-9% of m/z 198	6.6
365	Greater than 1% of Base Peak	2.7
441	Less than 150% of m/z 443	16.6 (87.0) 3
442	Present	100.3
443	15-24% of m/z 442	19.1 (19.0) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD24 460-1051713/3	M351410.D	07/25/2025	6:31
	STD16 460-1051713/4	M351411.D	07/25/2025	6:52
	STD4 460-1051713/5	M351412.D	07/25/2025	7:13
	STD2 460-1051713/6	M351413.D	07/25/2025	7:34
	STD1 460-1051713/7	M351414.D	07/25/2025	7:55
	STD04 460-1051713/8	M351415.D	07/25/2025	8:16
	STD02 460-1051713/9	M351416.D	07/25/2025	8:38
	STD01 460-1051713/10	M351417.D	07/25/2025	8:59
	STD002 460-1051713/11	M351418.D	07/25/2025	9:20
	ICIS 460-1051713/13	M351420.D	07/25/2025	10:17
	ICV 460-1051713/14	M351421.D	07/25/2025	10:57

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Sample No.: ICIS 460-1051713/13 Date Analyzed: 07/25/2025 10:17

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M351420.D Heated Purge: (Y/N) N

Calibration ID: 101867

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1650979	4.30	6276115	5.52	2869475	7.21
UPPER LIMIT		3301958	4.80	12552230	6.02	5738950	7.71
LOWER LIMIT		825490	3.80	3138058	5.02	1434738	6.71
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1051713/14		1655379	4.30	6337982	5.53	2873942	7.21

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Sample No.: ICIS 460-1051713/13 Date Analyzed: 07/25/2025 10:17

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M351420.D Heated Purge: (Y/N) N

Calibration ID: 101867

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		4531196	8.62	2691452	11.27	2594977	13.23
UPPER LIMIT		9062392	9.12	5382904	11.77	5189954	13.73
LOWER LIMIT		2265598	8.12	1345726	10.77	1297489	12.73
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1051713/14		4613723	8.62	2712163	11.27	2564818	13.23

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Sample No.: CCVIS 460-1053358/2 Date Analyzed: 08/01/2025 18:33

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M351484.D Heated Purge: (Y/N) N

Calibration ID: 101867

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2315172	4.28	8605984	5.50	4000849	7.18
UPPER LIMIT		4630344	4.78	17211968	6.00	8001698	7.68
LOWER LIMIT		1157586	3.78	4302992	5.00	2000425	6.68
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1053256/2-A		1931839	4.27	7603323	5.50	3798394	7.18
LCSD 460-1053256/3-A		2054973	4.28	7928942	5.50	3917231	7.18
MB 460-1053256/1-A		2203566	4.27	8521554	5.50	4522669	7.18
460-331763-2	MW-11S	2820178	4.26	10005294	5.49	6288840	7.18
460-331763-3	MW-8S	2961796	4.26	10009910	5.49	6412993	7.17
460-331763-4	MW-3	2937403	4.26	10099429	5.49	6172973	7.18
460-331763-5	MW-13S	2758683	4.26	9626487	5.49	5737764	7.18
460-331763-6	MW-13D	3156603	4.26	10164463	5.49	6801767	7.18
460-331763-7	MW-4S	3370585	4.26	11028030	5.48	7342382	7.17

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Sample No.: CCVIS 460-1053358/2 Date Analyzed: 08/01/2025 18:33

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M351484.D Heated Purge: (Y/N) N

Calibration ID: 101867

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		6189940	8.59	3675148	11.24	3829099	13.18
UPPER LIMIT		12379880	9.09	7350296	11.74	7658198	13.68
LOWER LIMIT		3094970	8.09	1837574	10.74	1914550	12.68
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1053256/2-A		5847317	8.59	3542236	11.23	3684228	13.17
LCSD 460-1053256/3-A		5863993	8.59	3557703	11.23	3720337	13.17
MB 460-1053256/1-A		7252205	8.58	3925782	11.23	3996776	13.17
460-331763-2	MW-11S	9545510	8.58	5375346	11.22	5019241	13.16
460-331763-3	MW-8S	9332500	8.58	5202812	11.22	4774778	13.16
460-331763-4	MW-3	8900969	8.58	4764691	11.22	4395718	13.16
460-331763-5	MW-13S	8760587	8.58	4605042	11.22	4374388	13.16
460-331763-6	MW-13D	9734466	8.58	5575456	11.22	5120644	13.16
460-331763-7	MW-4S	10396743	8.58	6472444	11.22	5984626	13.16

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-11S | Lab Sample ID: 460-331763-2

Matrix: Water | Lab File ID: M351500.D

Analysis Method: 8270E | Date Collected: 07/29/2025 09:55

Extract. Method: 3510C | Date Extracted: 08/01/2025 11:19

Sample wt/vol: 250(mL) | Date Analyzed: 08/02/2025 02:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053358 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	54		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	69		39-145
1718-51-0	Terphenyl-d14 (Surr)	30		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351500.D
Lims ID: 460-331763-E-2-A
Client ID: MW-11S
Sample Type: Client
Inject. Date: 02-Aug-2025 02:48:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-018
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:03:43 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 12:39:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.262	4.275	-0.013	94	2820178	8.00	
$ 28 Nitrobenzene-d5	82	4.787	4.806	-0.019	84	3433891	6.87	
* 38 Naphthalene-d8	136	5.489	5.502	-0.013	99	10005294	8.00	eMa
$ 53 2-Fluorobiphenyl	172	6.536	6.546	-0.010	98	6656371	5.42	
* 64 Acenaphthene-d10	164	7.177	7.184	-0.007	95	6288840	8.00	
66 Acenaphthene	154	7.206	7.216	-0.010	96	2975887	3.20	
74 Fluorene	166	7.694	7.704	-0.010	95	682024	0.6744	
* 88 Phenanthrene-d10	188	8.579	8.591	-0.012	97	9545510	8.00	eMa
90 Anthracene	178	8.650	8.650	-0.008	98	254316	0.2109	a
93 Fluoranthene	202	9.726	9.726	-0.012	96	300574	0.2818	a
95 Pyrene	202	9.938	9.951	-0.013	96	370997	0.3278	
$ 97 Terphenyl-d14	244	10.095	10.108	-0.013	98	2764903	2.98	
* 103 Chrysene-d12	240	11.220	11.236	-0.016	98	5375346	8.00	
* 110 Perylene-d12	264	13.162	13.179	-0.017	98	5019241	8.00	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

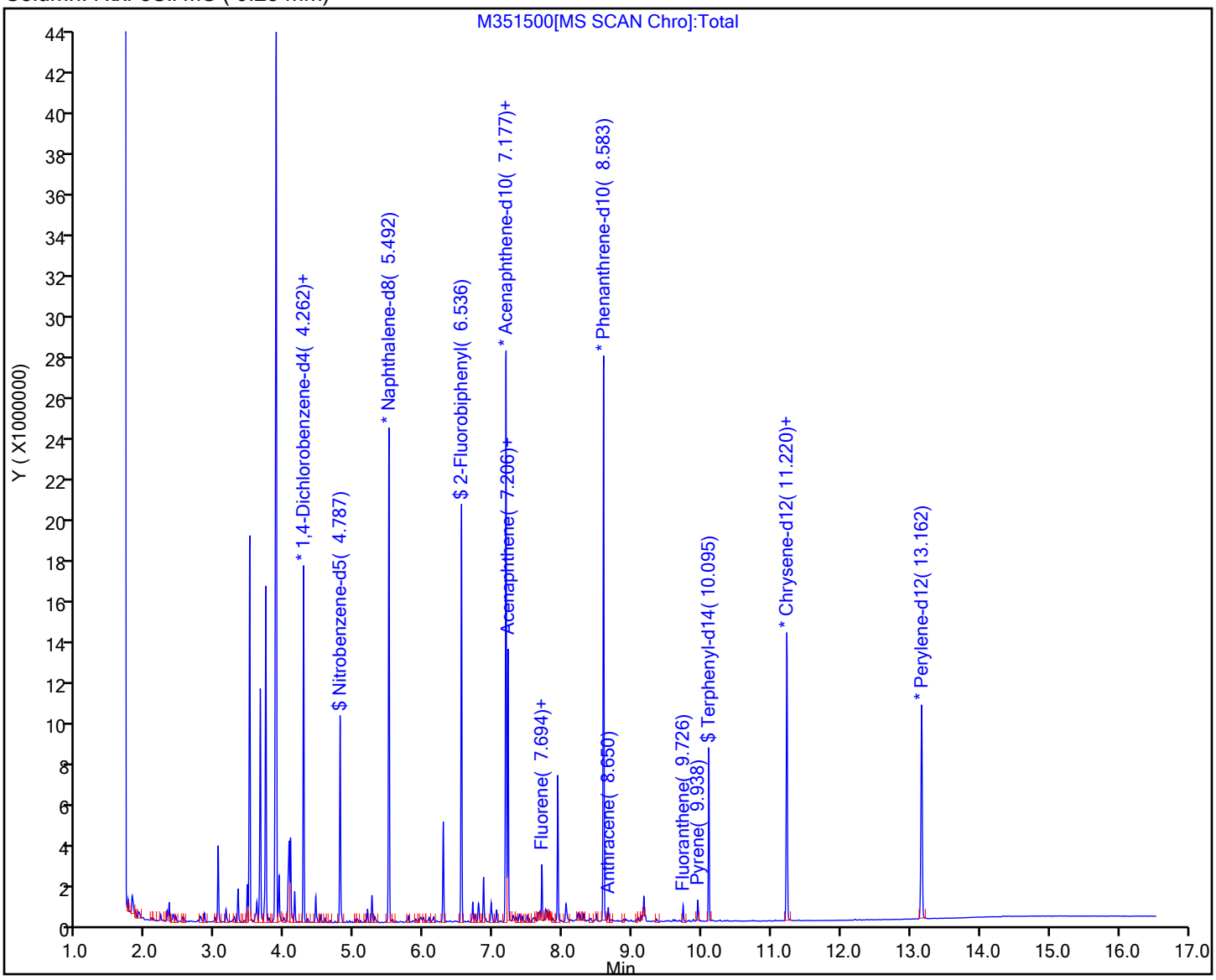
Report Date: 04-Aug-2025 12:03:44 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351500.D

Injection Date:	02-Aug-2025 02:48:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351500.D
Lims ID: 460-331763-E-2-A
Client ID: MW-11S
Sample Type: Client
Inject. Date: 02-Aug-2025 02:48:30 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-018
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:03:43 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 12:39:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	6.87	68.68
$ 53 2-Fluorobiphenyl	10.0	5.42	54.22
$ 97 Terphenyl-d14	10.0	2.98	29.77

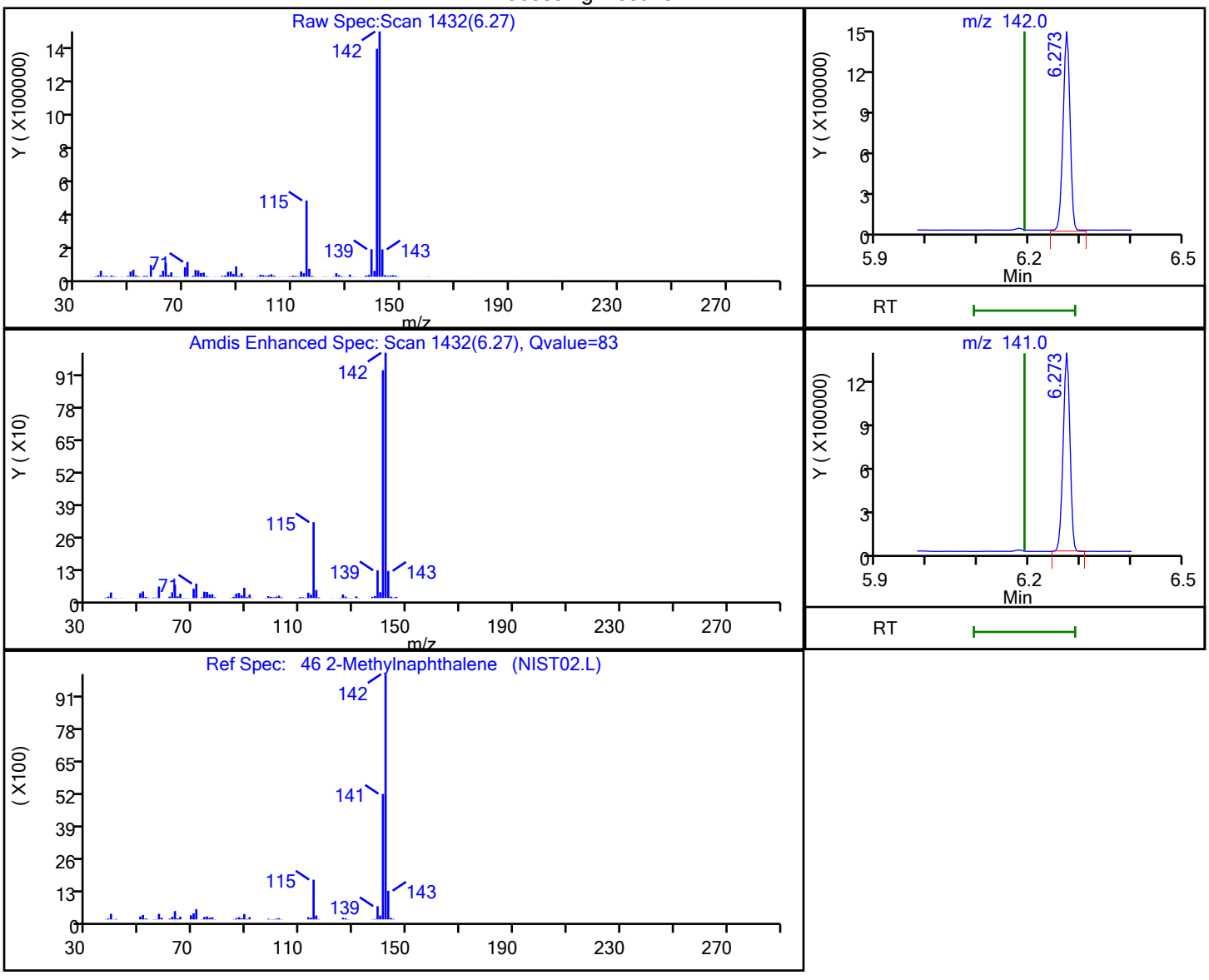
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351500.D				
Injection Date:	02-Aug-2025 02:48:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results



RT	Mass	Response	Amount
6.27	142.00	1410099	1.923258
6.27	141.00	1294803	

Reviewer: U6BX, 02-Aug-2025 12:39:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

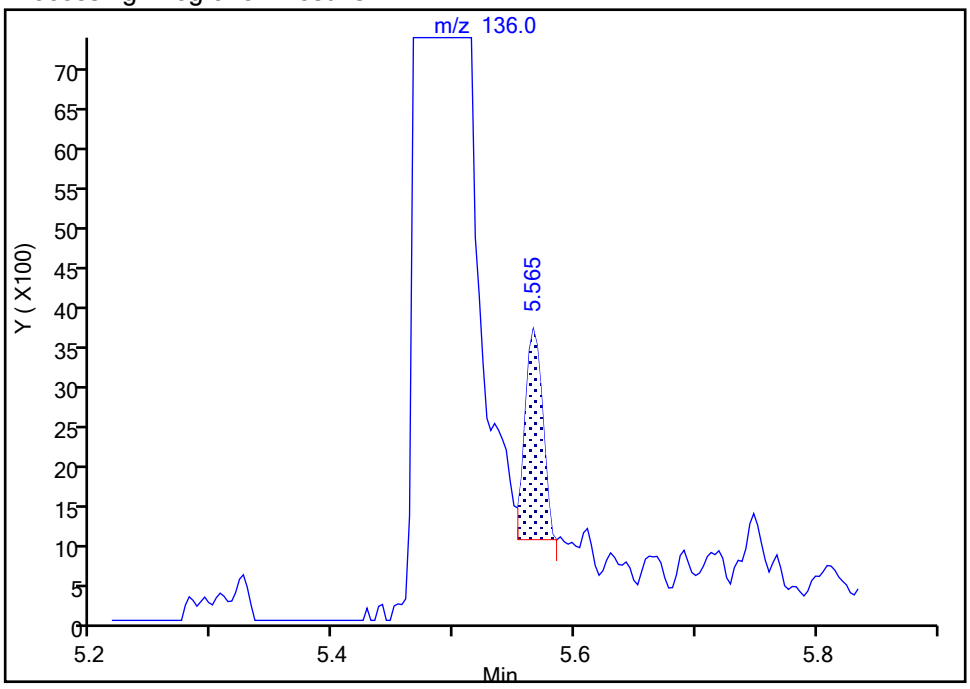
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351500.D				
Injection Date:	02-Aug-2025 02:48:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 38 Naphthalene-d8, CAS: 1146-65-2

Signal: 1

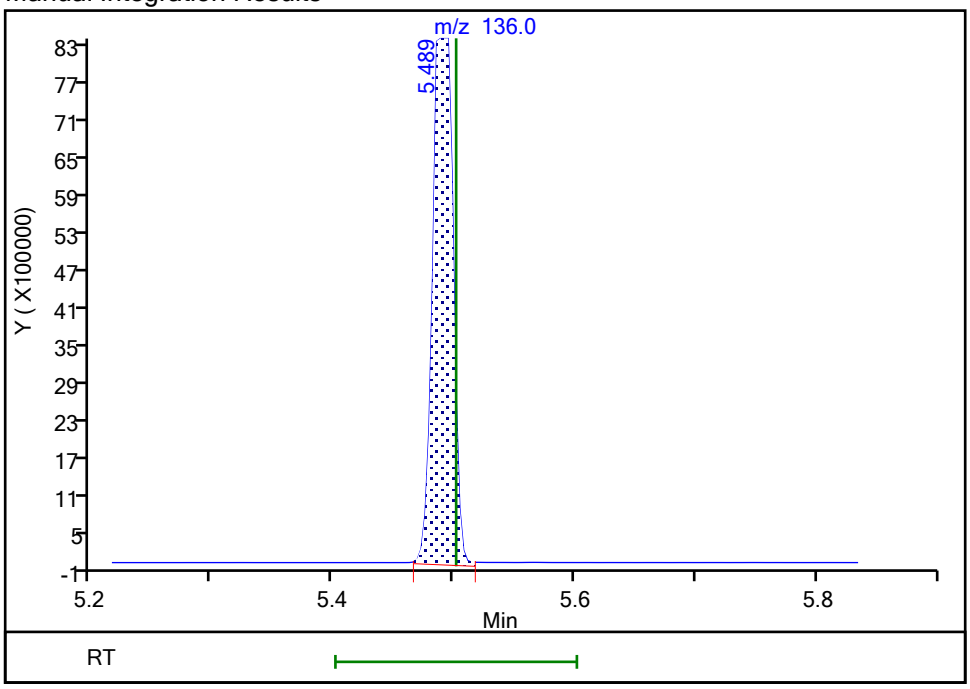
Processing Integration Results

RT: 5.57
Area: 2686
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 5.49
Area: 10005294
Amount: 8.000000
Amount Units: ug/ml



Reviewer: U6BX, 02-Aug-2025 12:39:21 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

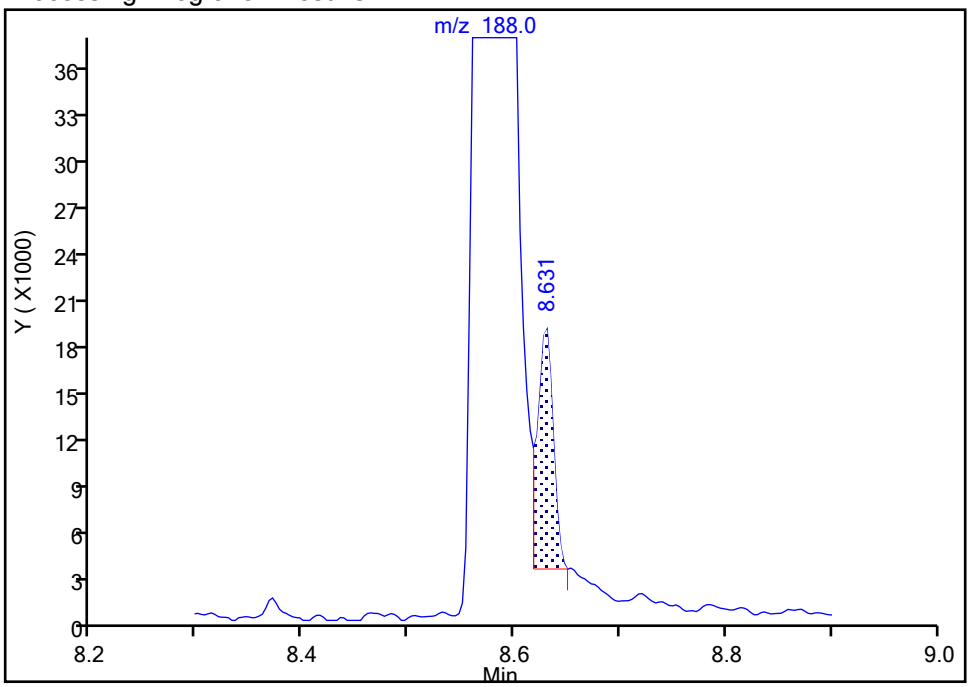
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351500.D				
Injection Date:	02-Aug-2025 02:48:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 88 Phenanthrene-d10, CAS: 1517-22-2

Signal: 1

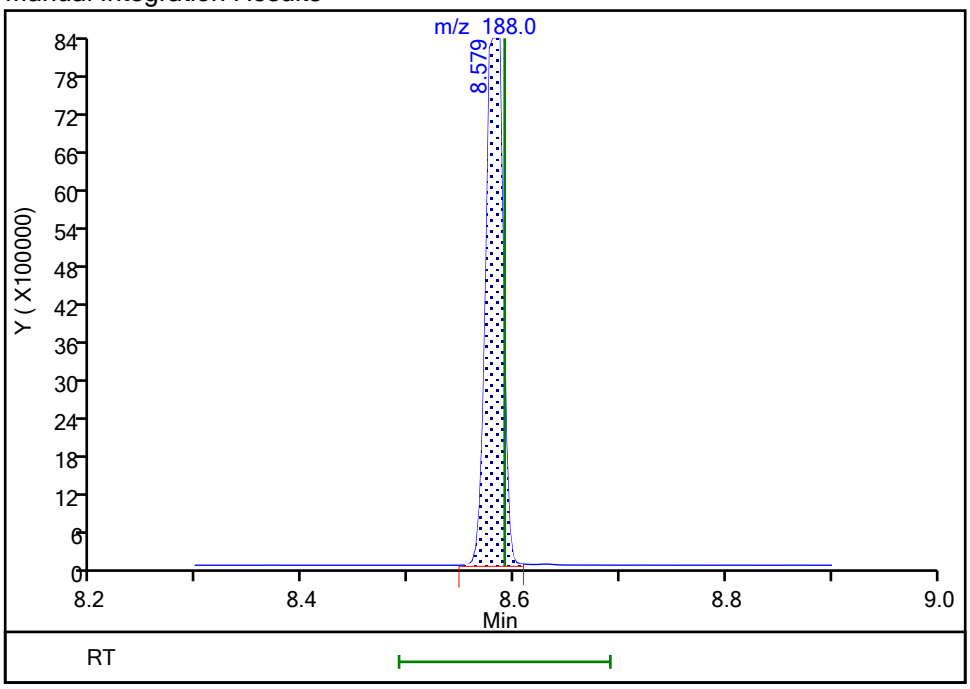
Processing Integration Results

RT: 8.63
Area: 16340
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 8.58
Area: 9545510
Amount: 8.000000
Amount Units: ug/ml



Reviewer: U6BX, 02-Aug-2025 12:39:17 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-8S | Lab Sample ID: 460-331763-3

Matrix: Water | Lab File ID: M351501.D

Analysis Method: 8270E | Date Collected: 07/29/2025 10:45

Extract. Method: 3510C | Date Extracted: 08/01/2025 11:19

Sample wt/vol: 250(mL) | Date Analyzed: 08/02/2025 03:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053358 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	66		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	88		39-145
1718-51-0	Terphenyl-d14 (Surr)	37		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351501.D
Lims ID: 460-331763-E-3-A
Client ID: MW-8S
Sample Type: Client
Inject. Date: 02-Aug-2025 03:09:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-019
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:04:16 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 12:40:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.259	4.275	-0.016	94	2961796	8.00	
$ 28 Nitrobenzene-d5	82	4.787	4.806	-0.019	83	4420546	8.84	
* 38 Naphthalene-d8	136	5.485	5.502	-0.017	99	10009910	8.00	eM
$ 53 2-Fluorobiphenyl	172	6.534	6.546	-0.012	97	8246719	6.59	e
* 64 Acenaphthene-d10	164	7.174	7.184	-0.010	95	6412993	8.00	
* 88 Phenanthrene-d10	188	8.577	8.591	-0.014	98	9332500	8.00	e
$ 97 Terphenyl-d14	244	10.097	10.108	-0.011	98	3295170	3.67	
* 103 Chrysene-d12	240	11.220	11.236	-0.016	99	5202812	8.00	
* 110 Perylene-d12	264	13.161	13.179	-0.018	98	4774778	8.00	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Aug-2025 12:04:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351501.D

Injection Date: 02-Aug-2025 03:09:30 Instrument ID: CBNAMS17

Lims ID: 460-331763-E-3-A Lab Sample ID: 460-331763-3

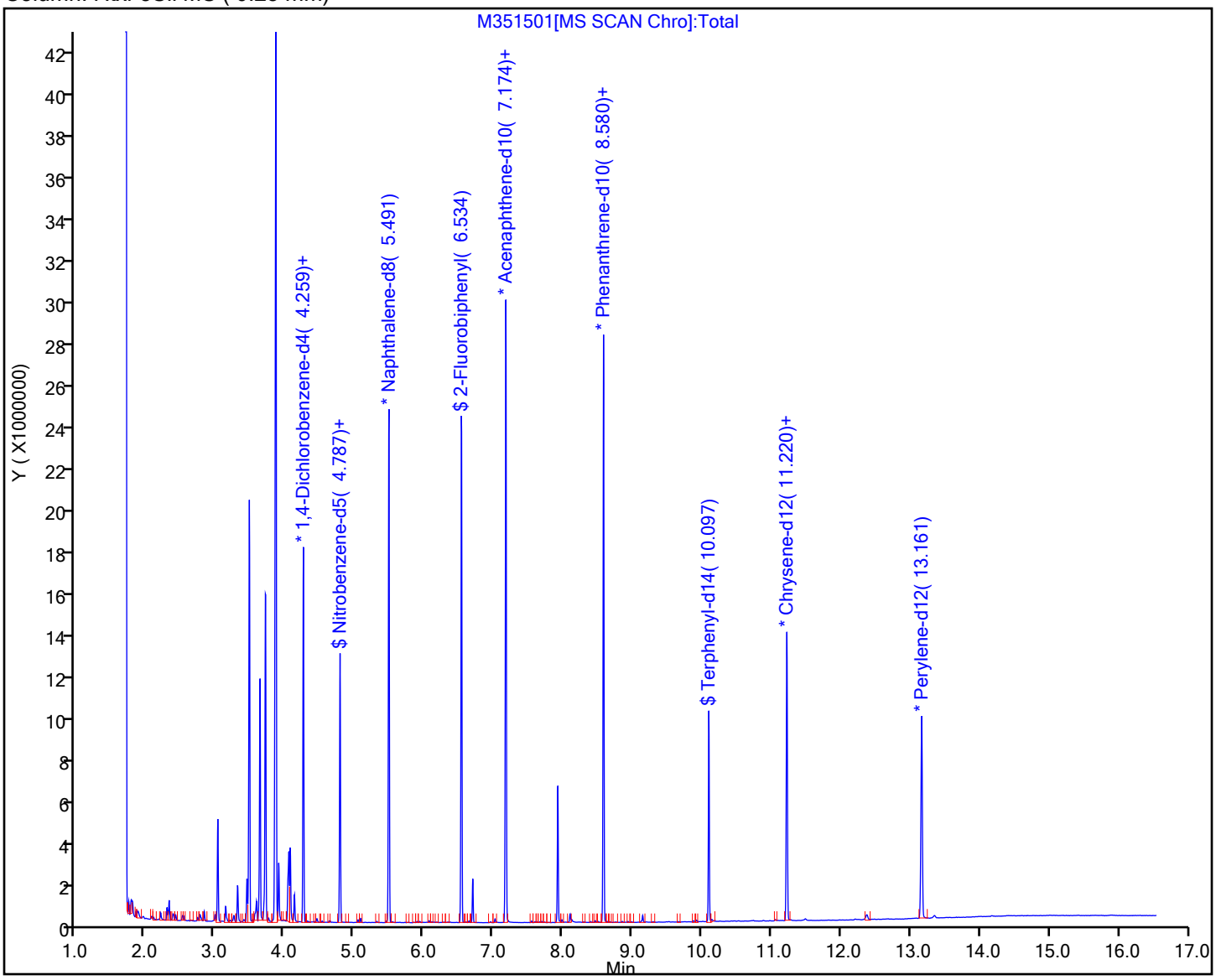
Client ID: MW-8S

Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351501.D
Lims ID: 460-331763-E-3-A
Client ID: MW-8S
Sample Type: Client
Inject. Date: 02-Aug-2025 03:09:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-019
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:04:16 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 12:40:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.84	88.37
$ 53 2-Fluorobiphenyl	10.0	6.59	65.88
$ 97 Terphenyl-d14	10.0	3.67	36.65

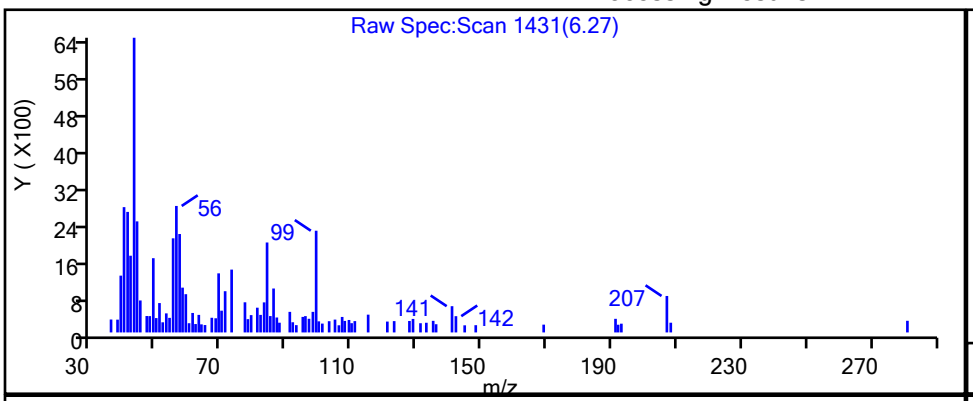
User Disabled Compound Report

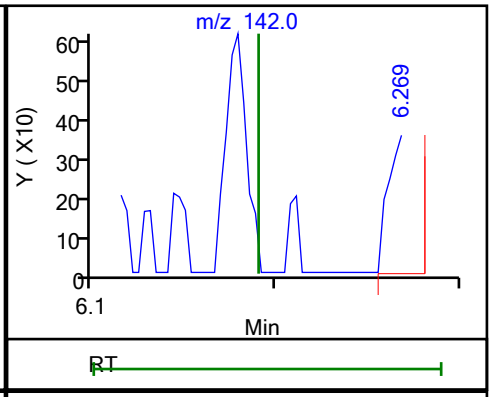
Eurofins Edison

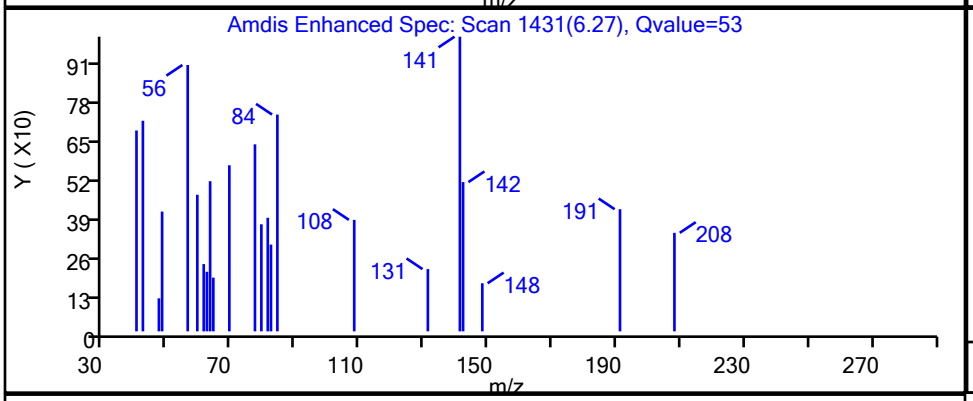
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351501.D				
Injection Date:	02-Aug-2025 03:09:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-3-A	Lab Sample ID:	460-331763-3		
Client ID:	MW-8S				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

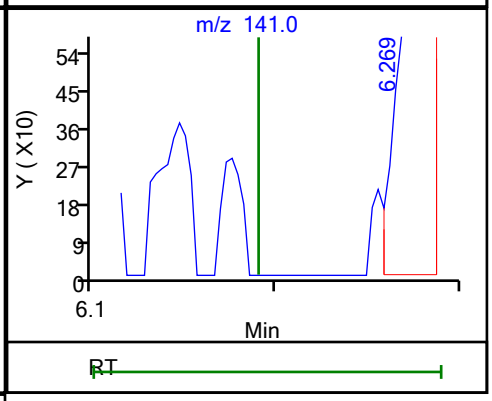
46 2-Methylnaphthalene, CAS: 91-57-6

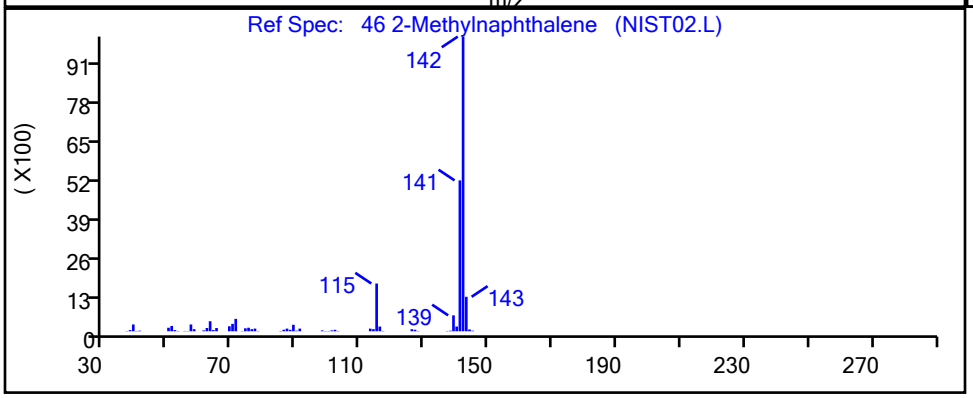
Processing Results











RT	Mass	Response	Amount
6.27	142.00	360	0.000491
6.27	141.00	578	

Reviewer: U6BX, 02-Aug-2025 12:39:59 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

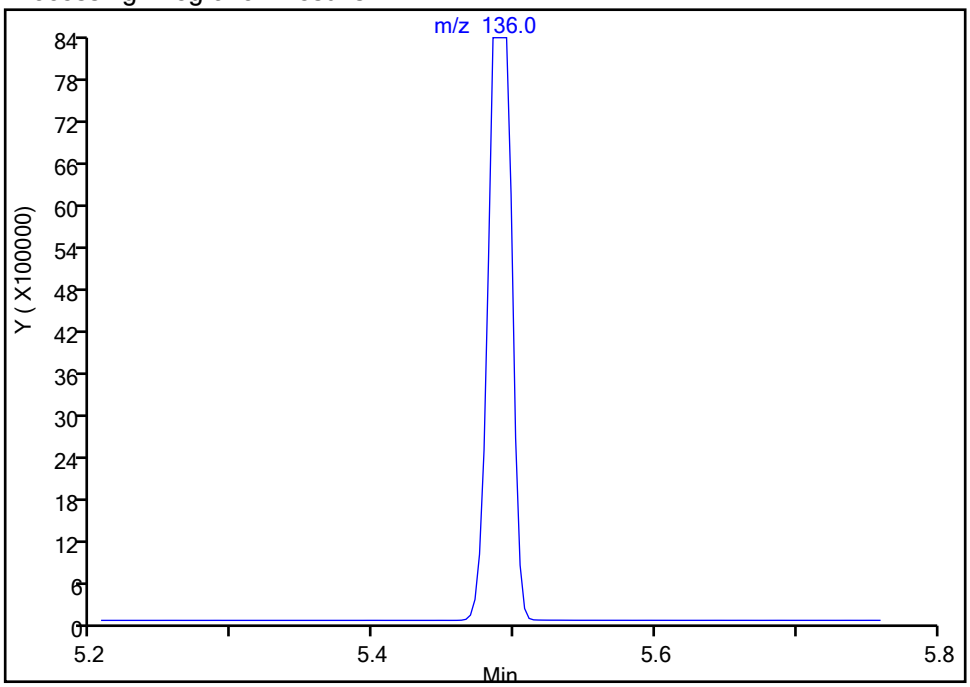
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351501.D				
Injection Date:	02-Aug-2025 03:09:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-3-A	Lab Sample ID:	460-331763-3		
Client ID:	MW-8S				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 38 Naphthalene-d8, CAS: 1146-65-2

Signal: 1

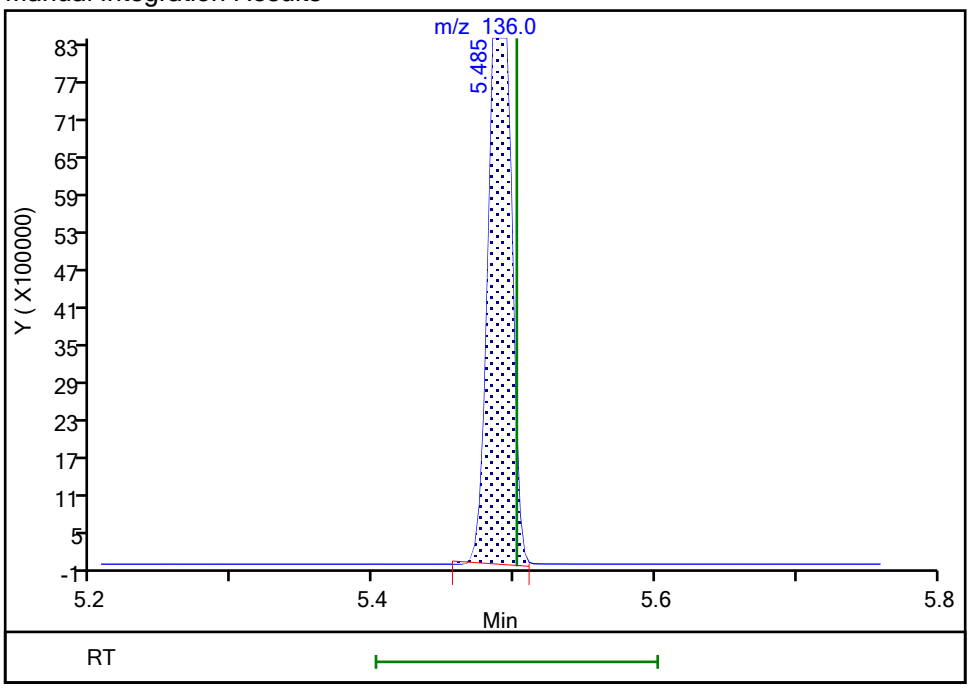
Not Detected
Expected RT: 5.50

Processing Integration Results



Manual Integration Results

RT: 5.48
Area: 10009910
Amount: 8.000000
Amount Units: ug/ml



Reviewer: U6BX, 02-Aug-2025 12:39:50 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-331763-4

Matrix: Water | Lab File ID: M351502.D

Analysis Method: 8270E | Date Collected: 07/29/2025 11:35

Extract. Method: 3510C | Date Extracted: 08/01/2025 11:19

Sample wt/vol: 250(mL) | Date Analyzed: 08/02/2025 03:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053358 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	9.4	J	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	61		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	76		39-145
1718-51-0	Terphenyl-d14 (Surr)	35		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351502.D
Lims ID: 460-331763-E-4-A
Client ID: MW-3
Sample Type: Client
Inject. Date: 02-Aug-2025 03:30:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-020
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:05:28 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 12:40:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.263	4.275	-0.012	95	2937403	8.00	
$ 28 Nitrobenzene-d5	82	4.791	4.806	-0.015	85	3859617	7.65	
* 38 Naphthalene-d8	136	5.489	5.502	-0.013	99	10099429	8.00	eM
39 Naphthalene	128	5.511	5.517	-0.010	99	5865818	4.80	
46 2-Methylnaphthalene	142	6.181	6.190	-0.009	85	871846	1.18	
$ 53 2-Fluorobiphenyl	172	6.537	6.546	-0.009	98	7346011	6.10	
62 Acenaphthylene	152	7.037	7.046	-0.009	99	225233	0.1577	
* 64 Acenaphthene-d10	164	7.175	7.184	-0.009	95	6172973	8.00	
66 Acenaphthene	154	7.207	7.216	-0.009	95	1726063	1.89	
74 Fluorene	166	7.694	7.704	-0.010	95	502490	0.5062	
* 88 Phenanthrene-d10	188	8.580	8.591	-0.011	98	8900969	8.00	e
89 Phenanthrene	178	8.603	8.613	-0.010	97	1267573	1.15	
93 Fluoranthene	202	9.727	9.726	-0.012	97	632199	0.6357	
95 Pyrene	202	9.939	9.951	-0.012	96	747445	0.7451	
$ 97 Terphenyl-d14	244	10.096	10.108	-0.012	98	2848169	3.46	
* 103 Chrysene-d12	240	11.221	11.236	-0.015	98	4764691	8.00	
* 110 Perylene-d12	264	13.160	13.179	-0.019	97	4395718	8.00	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Aug-2025 12:05:28 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351502.D

Injection Date: 02-Aug-2025 03:30:30 Instrument ID: CBNAMS17

Lims ID: 460-331763-E-4-A Lab Sample ID: 460-331763-4

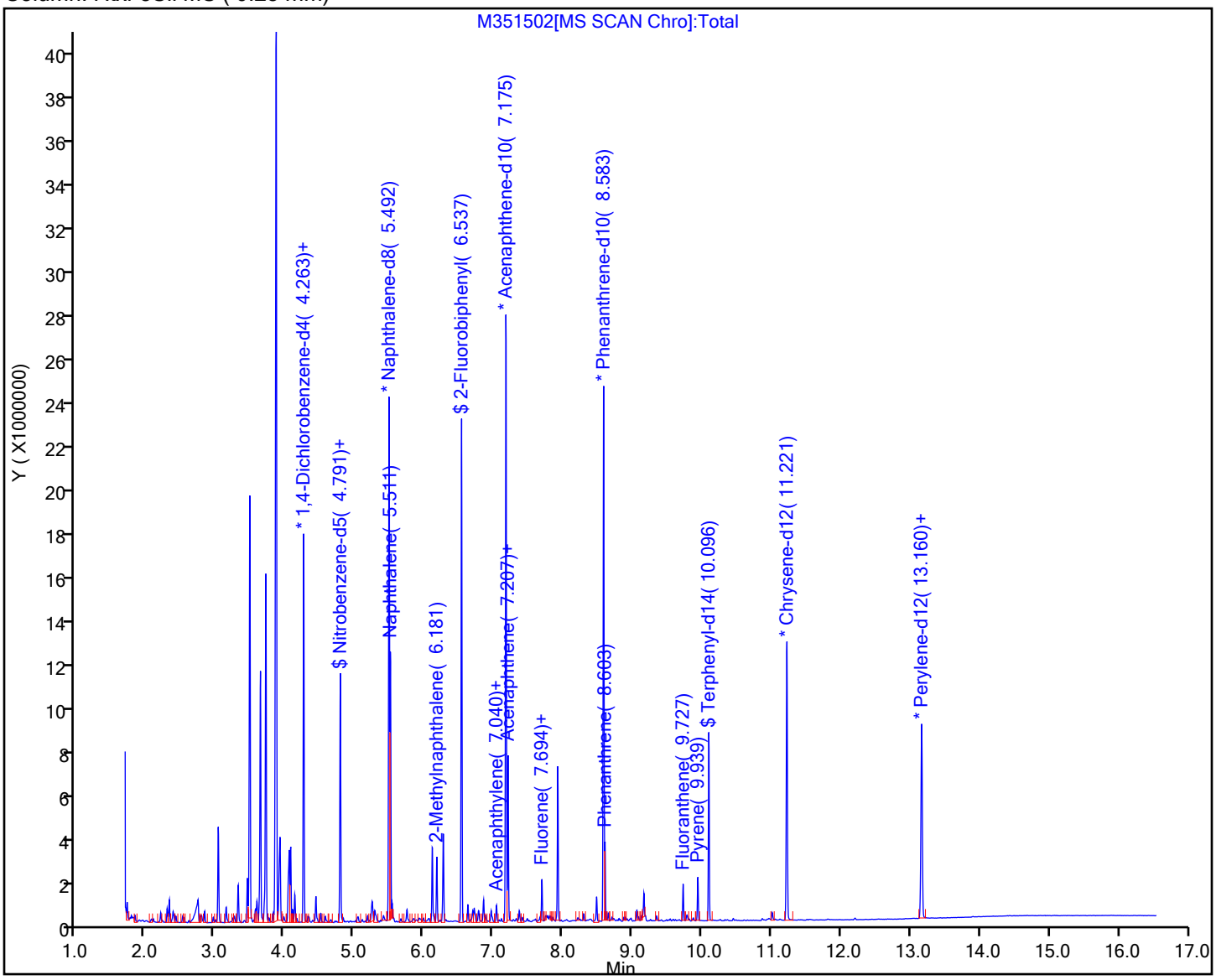
Client ID: MW-3

Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351502.D
Lims ID: 460-331763-E-4-A
Client ID: MW-3
Sample Type: Client
Inject. Date: 02-Aug-2025 03:30:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-020
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:05:28 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 12:40:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	7.65	76.48
$ 53 2-Fluorobiphenyl	10.0	6.10	60.96
$ 97 Terphenyl-d14	10.0	3.46	34.60

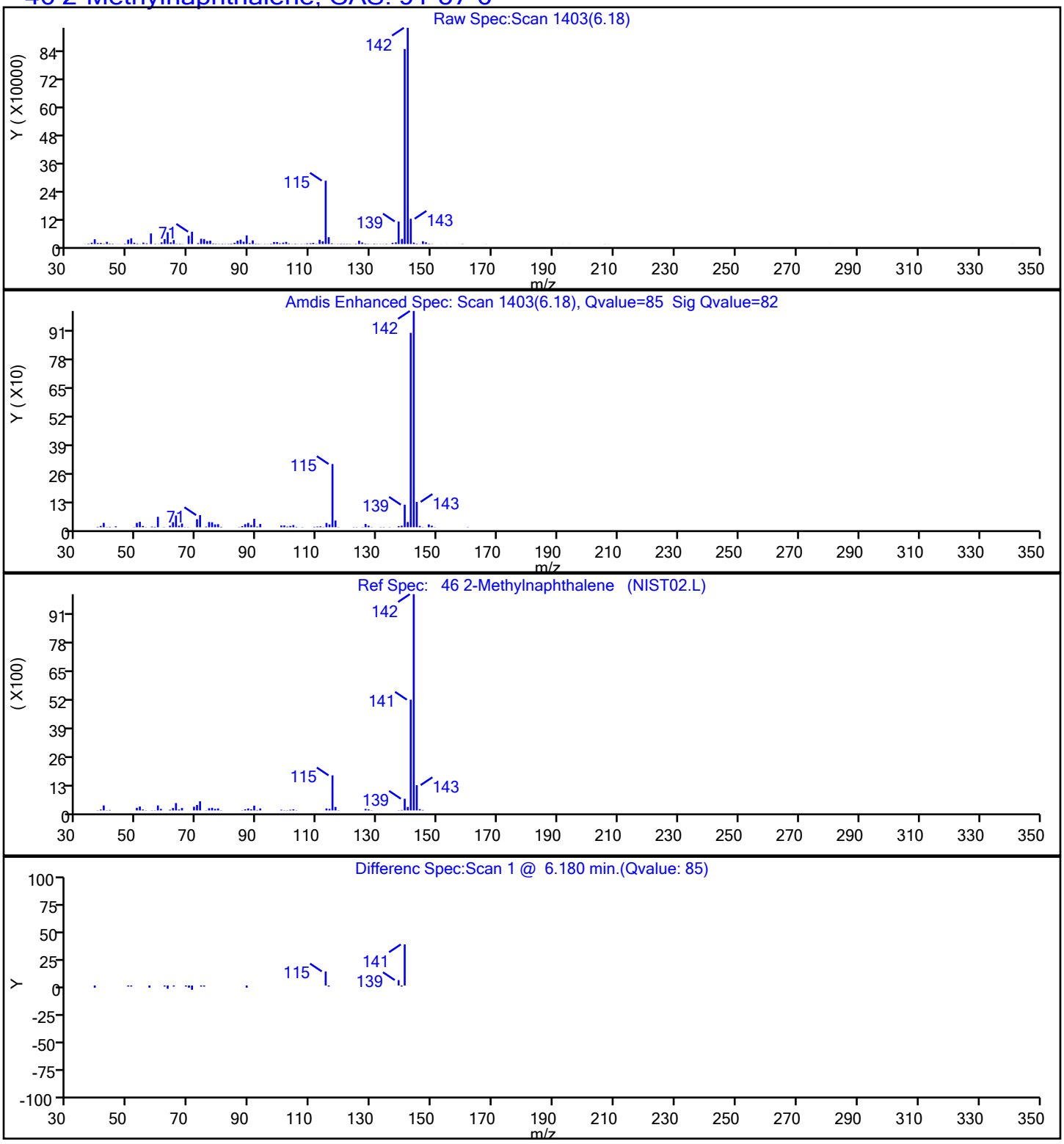
Report Date: 04-Aug-2025 12:05:28 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351502.D

Injection Date:	02-Aug-2025 03:30:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

46 2-Methylnaphthalene, CAS: 91-57-6



Manual Integration/User Assign Peak Report

Eurofins Edison

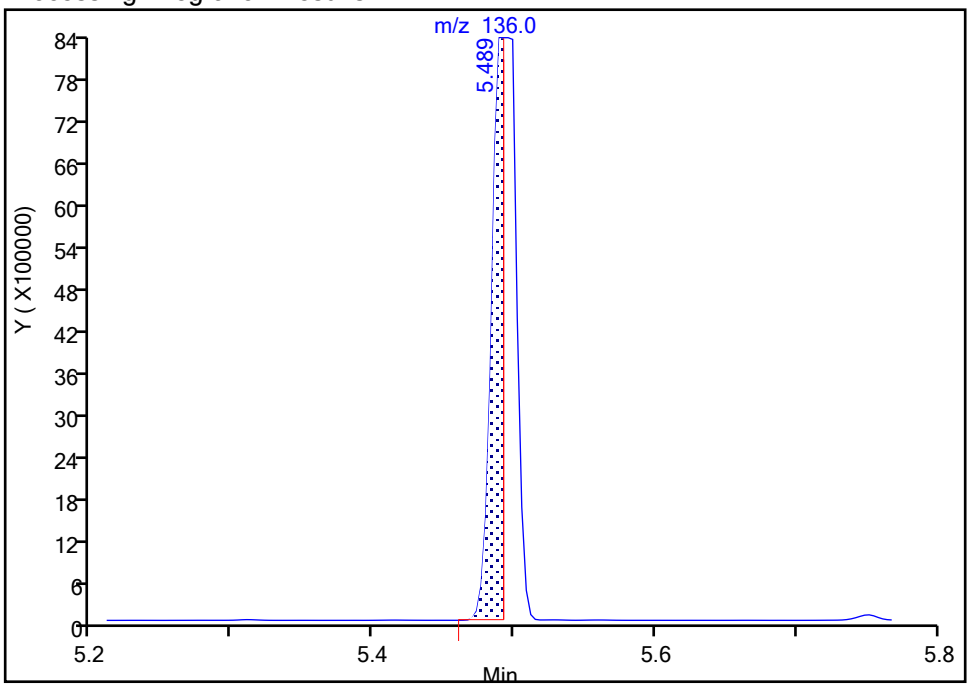
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351502.D				
Injection Date:	02-Aug-2025 03:30:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 38 Naphthalene-d8, CAS: 1146-65-2

Signal: 1

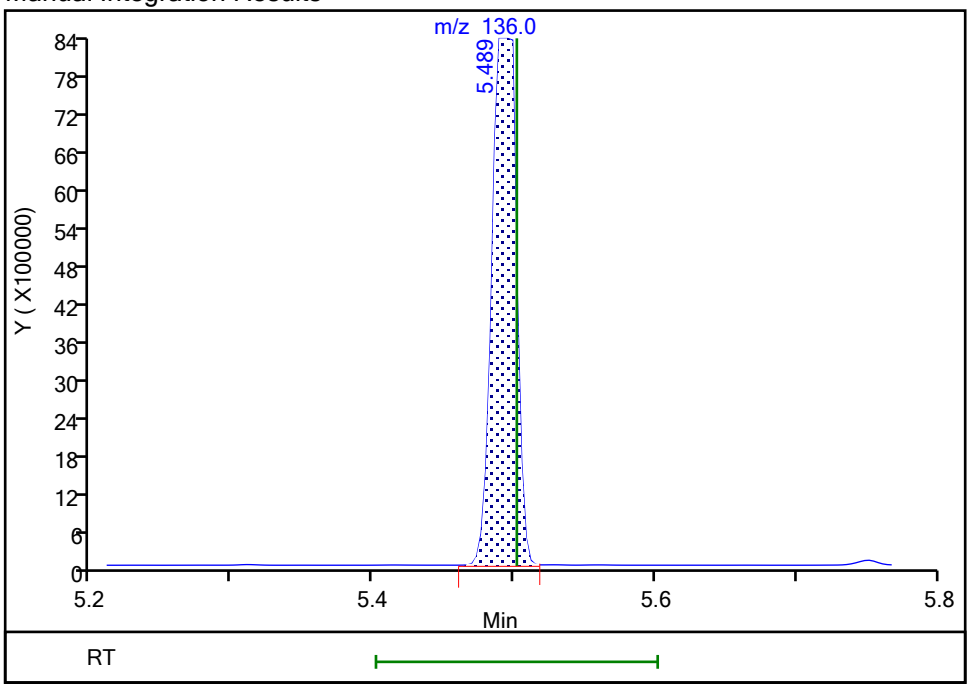
Processing Integration Results

RT: 5.49
Area: 5624416
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 5.49
Area: 10099429
Amount: 8.000000
Amount Units: ug/ml



Reviewer: V5XH, 04-Aug-2025 12:04:49 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-13S | Lab Sample ID: 460-331763-5

Matrix: Water | Lab File ID: M351503.D

Analysis Method: 8270E | Date Collected: 07/29/2025 12:20

Extract. Method: 3510C | Date Extracted: 08/01/2025 11:19

Sample wt/vol: 250(mL) | Date Analyzed: 08/02/2025 03:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053358 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	1.7	J	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	66		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	80		39-145
1718-51-0	Terphenyl-d14 (Surr)	33		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351503.D
Lims ID: 460-331763-E-5-A
Client ID: MW-13S
Sample Type: Client
Inject. Date: 02-Aug-2025 03:50:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-021
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:06:49 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 12:40:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.262	4.275	-0.013	96	2758683	8.00	
$ 28 Nitrobenzene-d5	82	4.791	4.806	-0.016	84	3831094	7.96	
* 38 Naphthalene-d8	136	5.488	5.502	-0.014	99	9626487	8.00	eM
39 Naphthalene	128	5.511	5.517	-0.010	99	1927773	1.66	
46 2-Methylnaphthalene	142	6.180	6.190	-0.010	84	152448	0.2161	
$ 53 2-Fluorobiphenyl	172	6.536	6.546	-0.010	98	7375763	6.59	
* 64 Acenaphthene-d10	164	7.177	7.184	-0.008	95	5737764	8.00	
66 Acenaphthene	154	7.205	7.216	-0.011	96	975776	1.15	
74 Fluorene	166	7.693	7.704	-0.011	94	269988	0.2926	
* 88 Phenanthrene-d10	188	8.578	8.591	-0.013	98	8760587	8.00	e
$ 97 Terphenyl-d14	244	10.098	10.108	-0.010	98	2625858	3.30	
* 103 Chrysene-d12	240	11.219	11.236	-0.018	99	4605042	8.00	
* 110 Perylene-d12	264	13.159	13.179	-0.020	98	4374388	8.00	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Aug-2025 12:06:49 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351503.D

Injection Date: 02-Aug-2025 03:50:30 Instrument ID: CBNAMS17

Lims ID: 460-331763-E-5-A Lab Sample ID: 460-331763-5

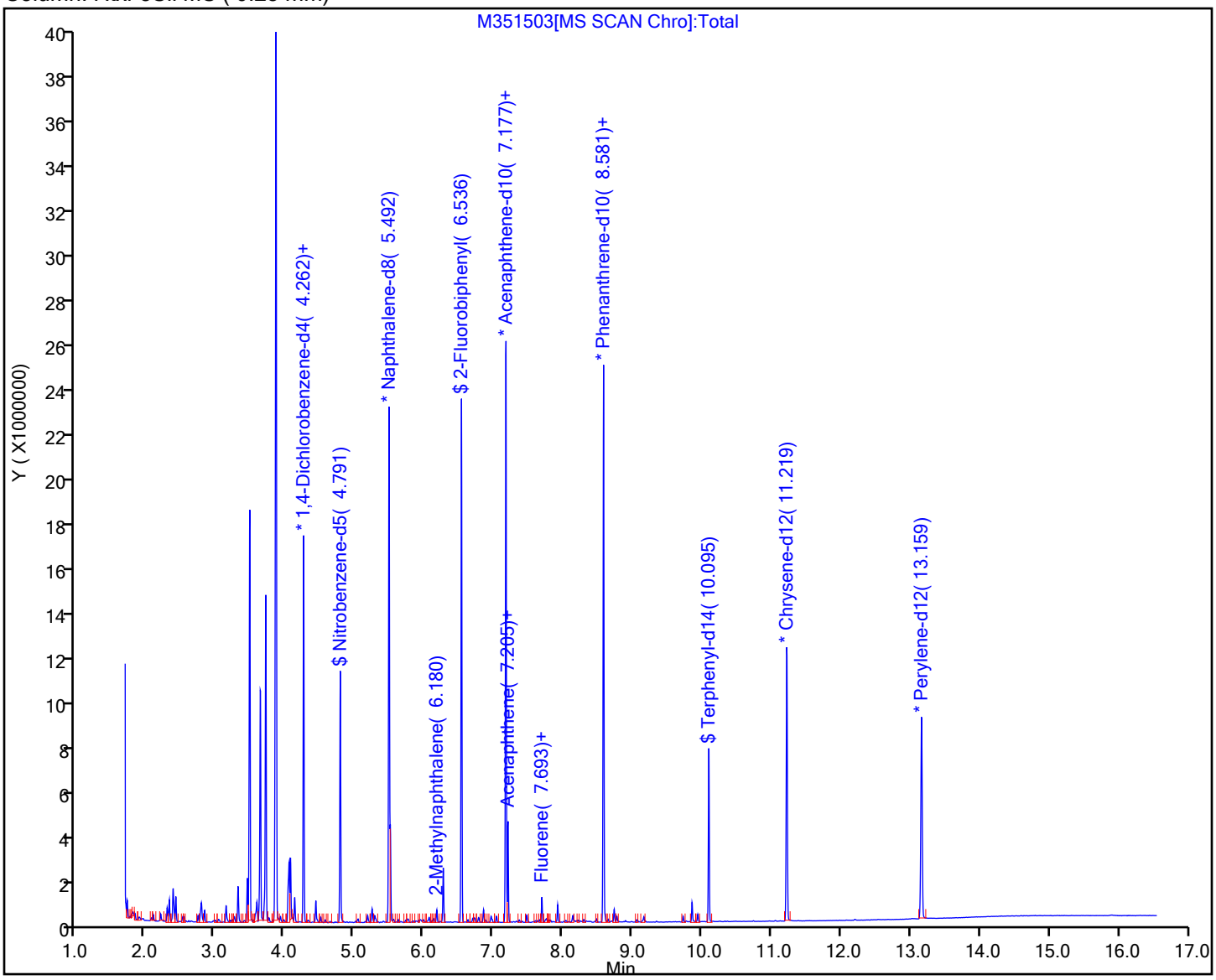
Client ID: MW-13S

Operator ID: ALS Bottle#: 21 Worklist Smp#: 21

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351503.D
Lims ID: 460-331763-E-5-A
Client ID: MW-13S
Sample Type: Client
Inject. Date: 02-Aug-2025 03:50:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-021
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:06:49 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

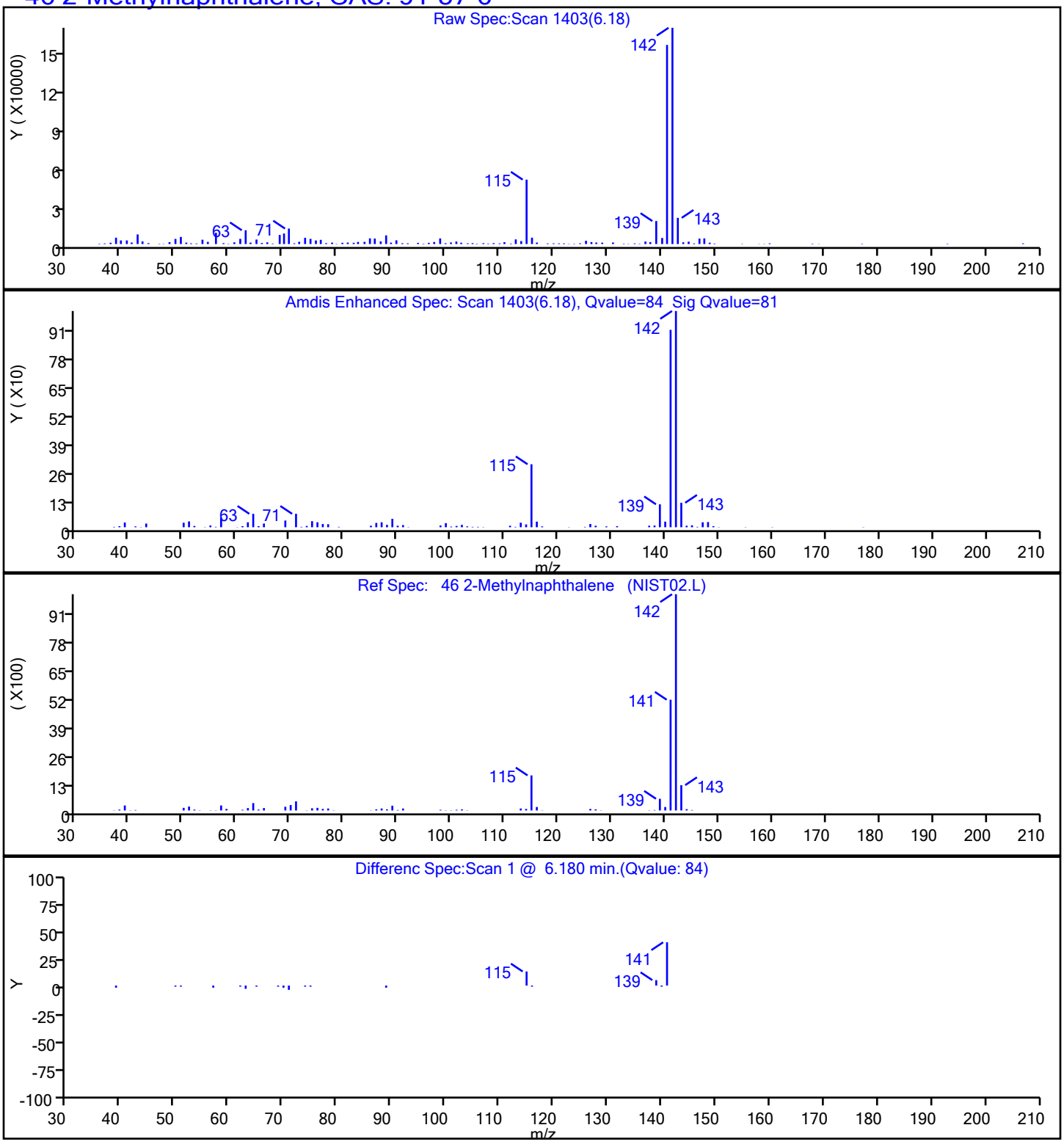
First Level Reviewer: U6BX Date: 02-Aug-2025 12:40:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	7.96	79.64
$ 53 2-Fluorobiphenyl	10.0	6.59	65.85
$ 97 Terphenyl-d14	10.0	3.30	33.00

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351503.D				
Injection Date:	02-Aug-2025 03:50:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

46 2-Methylnaphthalene, CAS: 91-57-6



Manual Integration/User Assign Peak Report

Eurofins Edison

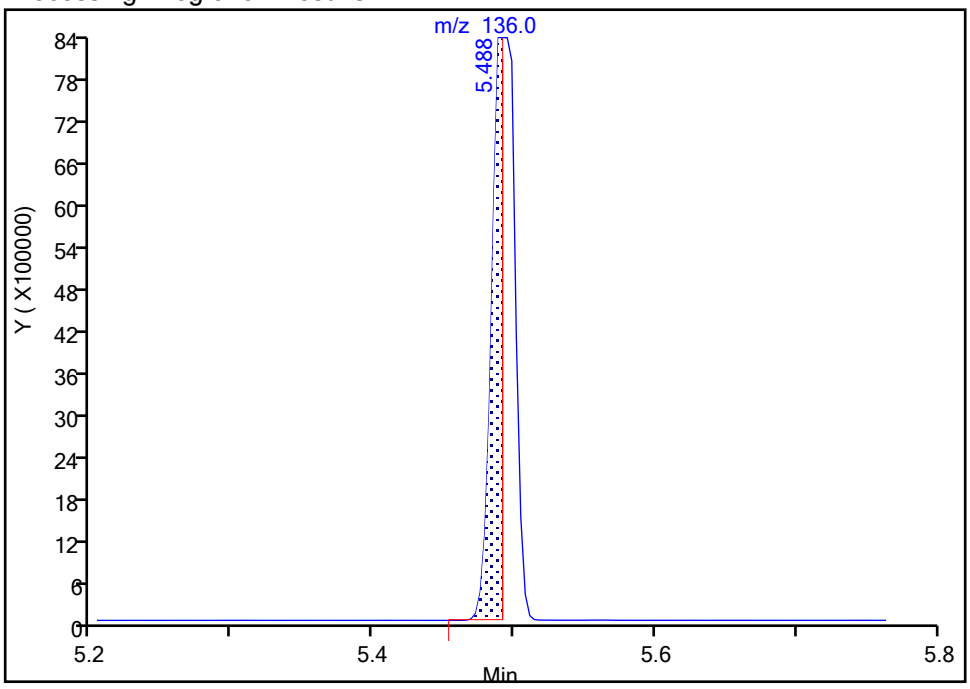
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351503.D				
Injection Date:	02-Aug-2025 03:50:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 38 Naphthalene-d8, CAS: 1146-65-2

Signal: 1

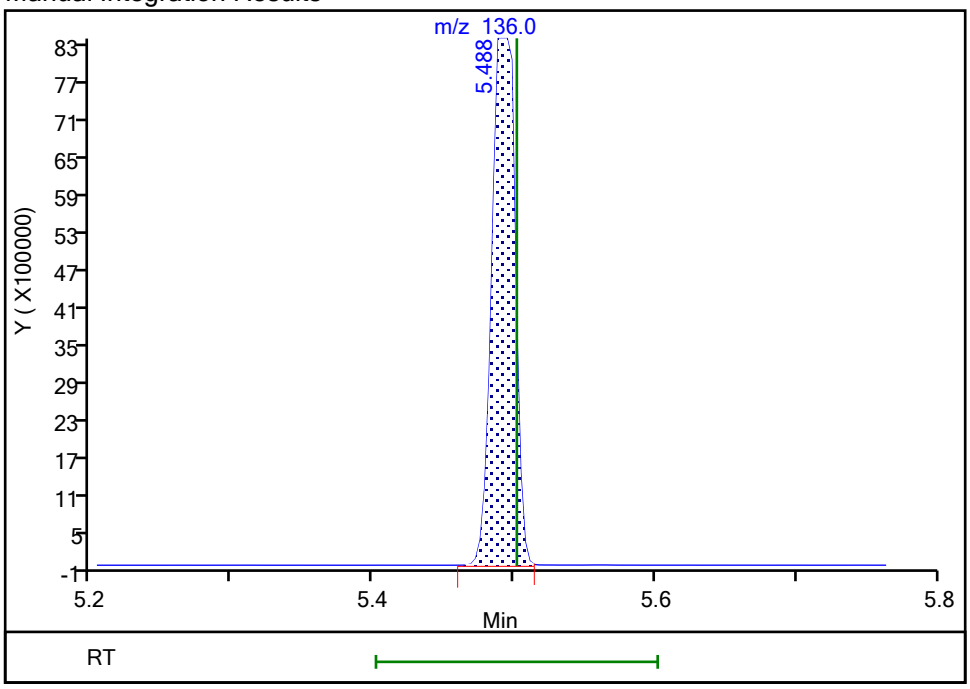
Processing Integration Results

RT: 5.49
Area: 5302113
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 5.49
Area: 9626487
Amount: 8.000000
Amount Units: ug/ml



Reviewer: V5XH, 04-Aug-2025 12:05:40 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-13D | Lab Sample ID: 460-331763-6

Matrix: Water | Lab File ID: M351504.D

Analysis Method: 8270E | Date Collected: 07/29/2025 13:15

Extract. Method: 3510C | Date Extracted: 08/01/2025 11:19

Sample wt/vol: 250(mL) | Date Analyzed: 08/02/2025 04:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053358 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	64		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	88		39-145
1718-51-0	Terphenyl-d14 (Surr)	44		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351504.D
Lims ID: 460-331763-E-6-A
Client ID: MW-13D
Sample Type: Client
Inject. Date: 02-Aug-2025 04:12:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-022
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:07:32 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 12:40:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.262	4.275	-0.013	95	3156603	8.00	
$ 28 Nitrobenzene-d5	82	4.790	4.806	-0.016	85	4453970	8.77	
* 38 Naphthalene-d8	136	5.487	5.502	-0.015	99	10164463	8.00	eM
$ 53 2-Fluorobiphenyl	172	6.533	6.546	-0.013	97	8504251	6.41	e
* 64 Acenaphthene-d10	164	7.176	7.184	-0.008	95	6801767	8.00	
* 88 Phenanthrene-d10	188	8.578	8.591	-0.013	98	9734466	8.00	e
$ 97 Terphenyl-d14	244	10.097	10.108	-0.012	98	4272968	4.44	
* 103 Chrysene-d12	240	11.219	11.236	-0.017	99	5575456	8.00	
* 110 Perylene-d12	264	13.161	13.179	-0.018	97	5120644	8.00	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

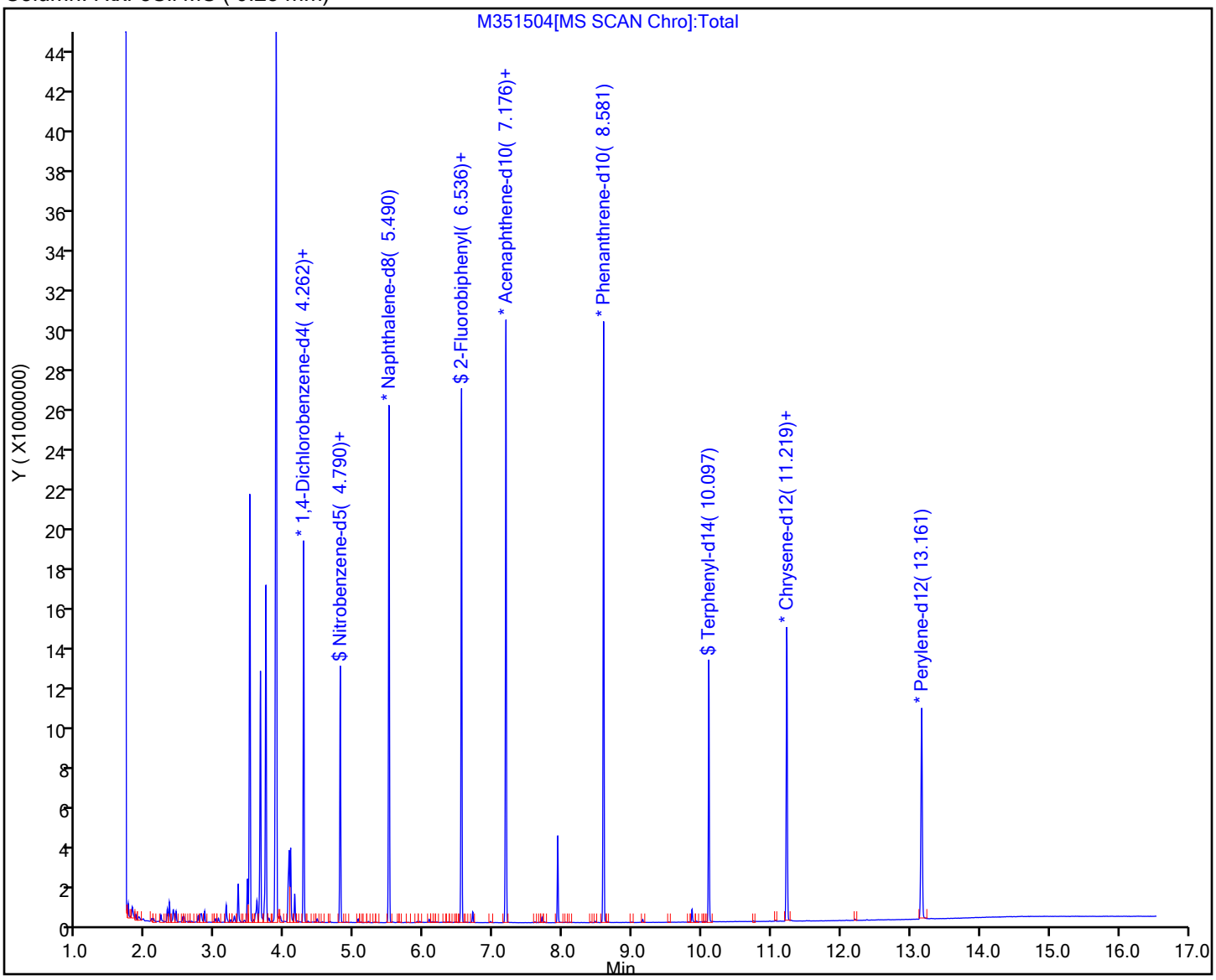
Report Date: 04-Aug-2025 12:07:33 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351504.D

Injection Date:	02-Aug-2025 04:12:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-6-A	Lab Sample ID:	460-331763-6		
Client ID:	MW-13D				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351504.D
Lims ID: 460-331763-E-6-A
Client ID: MW-13D
Sample Type: Client
Inject. Date: 02-Aug-2025 04:12:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-022
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:07:32 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 12:40:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	8.77	87.69
$ 53 2-Fluorobiphenyl	10.0	6.41	64.05
$ 97 Terphenyl-d14	10.0	4.44	44.35

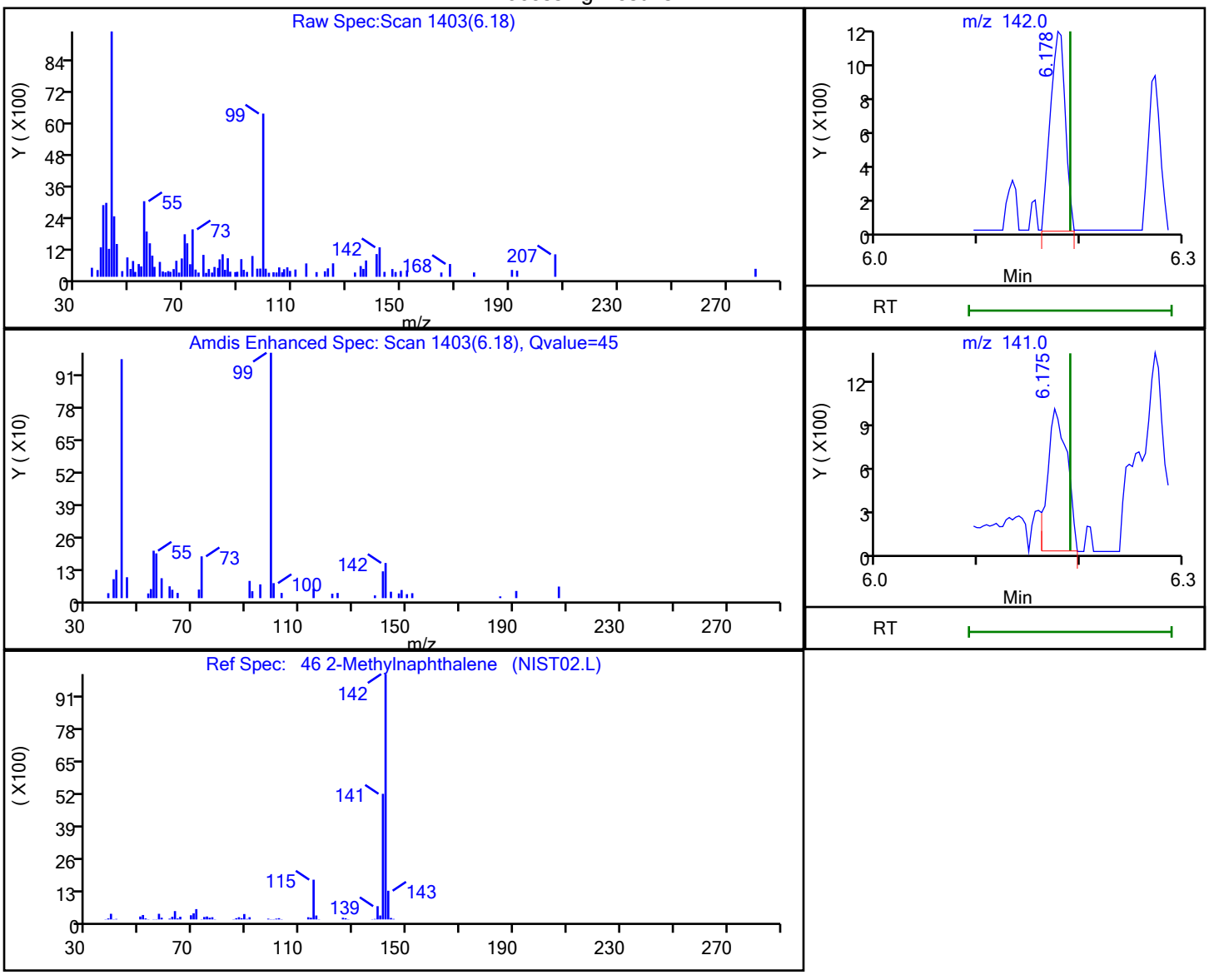
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351504.D				
Injection Date:	02-Aug-2025 04:12:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-6-A	Lab Sample ID:	460-331763-6		
Client ID:	MW-13D				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results



RT	Mass	Response	Amount
6.18	142.00	1160	0.002966
6.17	141.00	1242	

Reviewer: U6BX, 02-Aug-2025 12:40:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

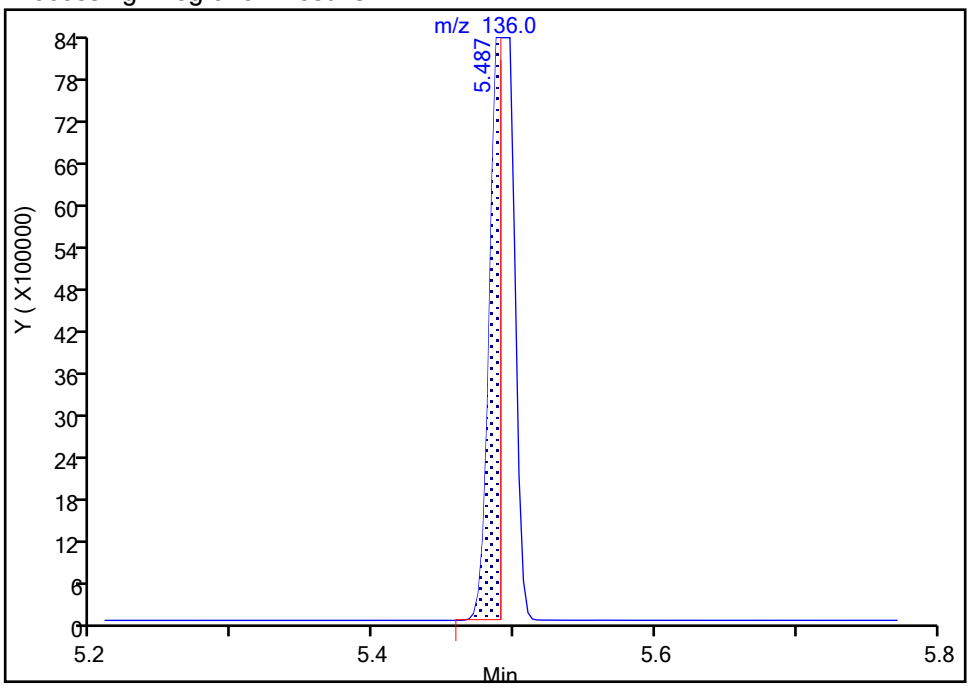
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351504.D				
Injection Date:	02-Aug-2025 04:12:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-6-A	Lab Sample ID:	460-331763-6		
Client ID:	MW-13D				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 38 Naphthalene-d8, CAS: 1146-65-2

Signal: 1

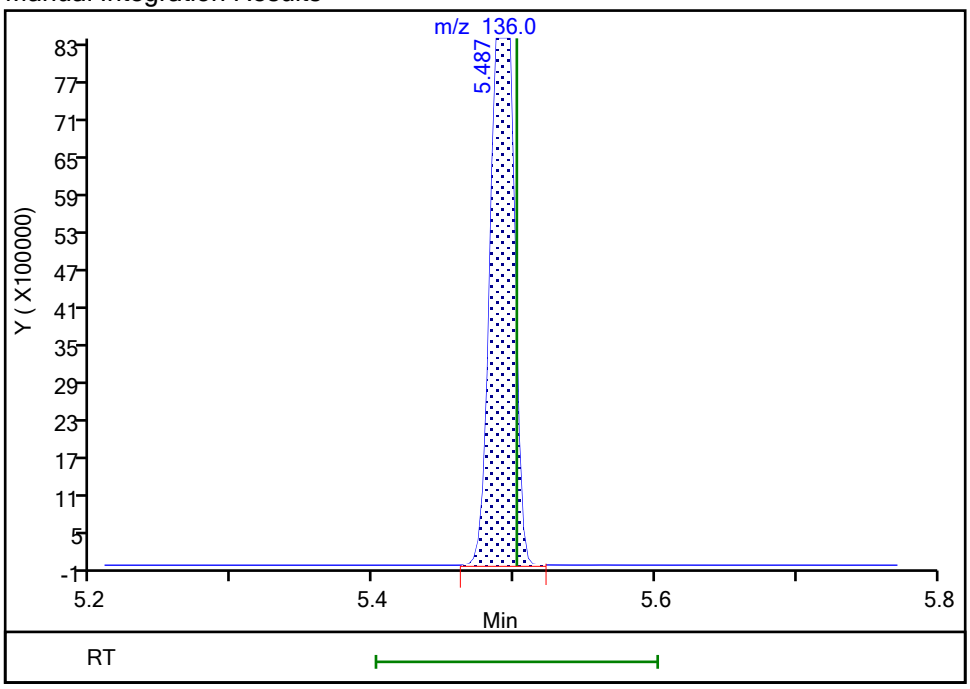
Processing Integration Results

RT: 5.49
Area: 5337534
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 5.49
Area: 10164463
Amount: 8.000000
Amount Units: ug/ml



Reviewer: V5XH, 04-Aug-2025 12:07:11 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-4S | Lab Sample ID: 460-331763-7

Matrix: Water | Lab File ID: M351505.D

Analysis Method: 8270E | Date Collected: 07/29/2025 14:00

Extract. Method: 3510C | Date Extracted: 08/01/2025 11:19

Sample wt/vol: 250(mL) | Date Analyzed: 08/02/2025 04:32

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053358 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U	10	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	68		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	92		39-145
1718-51-0	Terphenyl-d14 (Surr)	45		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351505.D
Lims ID: 460-331763-E-7-A
Client ID: MW-4S
Sample Type: Client
Inject. Date: 02-Aug-2025 04:32:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-023
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:08:01 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 12:42:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	4.257	4.275	-0.018	95	3370585	8.00	
$ 28 Nitrobenzene-d5	82	4.785	4.806	-0.021	83	5085800	9.23	
* 38 Naphthalene-d8	136	5.483	5.502	-0.019	99	11028030	8.00	eM
$ 53 2-Fluorobiphenyl	172	6.533	6.546	-0.013	95	9675602	6.75	e
* 64 Acenaphthene-d10	164	7.174	7.184	-0.010	96	7342382	8.00	
66 Acenaphthene	154	7.203	7.216	-0.013	95	572580	0.5272	
* 88 Phenanthrene-d10	188	8.575	8.591	-0.016	98	10396743	8.00	eMa
$ 97 Terphenyl-d14	244	10.096	10.108	-0.012	98	5025459	4.49	
* 103 Chrysene-d12	240	11.220	11.236	-0.016	99	6472444	8.00	
* 110 Perylene-d12	264	13.160	13.179	-0.019	98	5984626	8.00	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

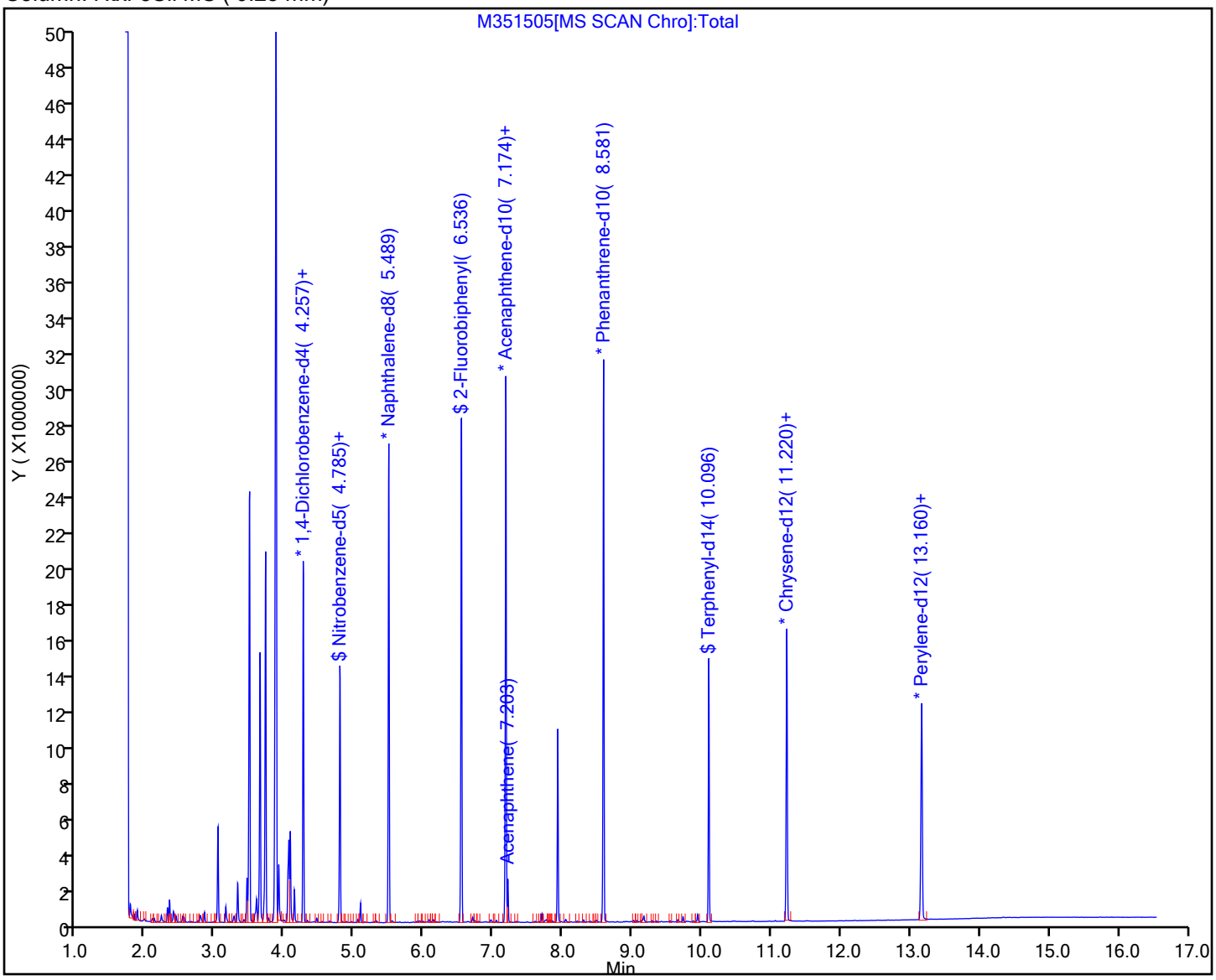
Report Date: 04-Aug-2025 12:08:01 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351505.D

Injection Date:	02-Aug-2025 04:32:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7		
Client ID:	MW-4S				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351505.D
Lims ID: 460-331763-E-7-A
Client ID: MW-4S
Sample Type: Client
Inject. Date: 02-Aug-2025 04:32:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-023
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 12:08:01 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 12:42:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 28 Nitrobenzene-d5	10.0	9.23	92.29
$ 53 2-Fluorobiphenyl	10.0	6.75	67.51
$ 97 Terphenyl-d14	10.0	4.49	44.94

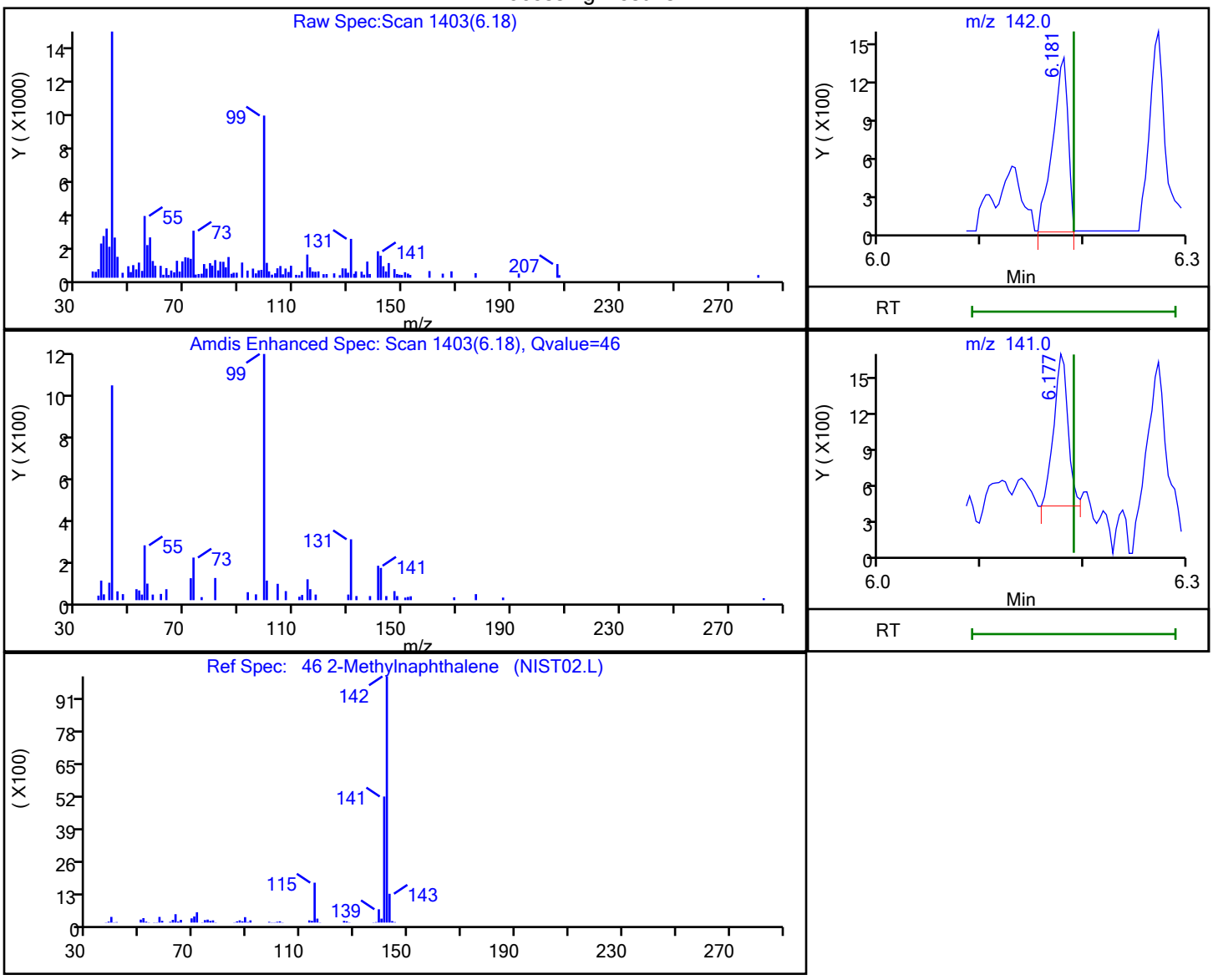
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351505.D				
Injection Date:	02-Aug-2025 04:32:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7		
Client ID:	MW-4S				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

46 2-Methylnaphthalene, CAS: 91-57-6

Processing Results



RT	Mass	Response	Amount
6.18	142.00	1369	0.001694
6.18	141.00	1245	

Reviewer: U6BX, 02-Aug-2025 12:40:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

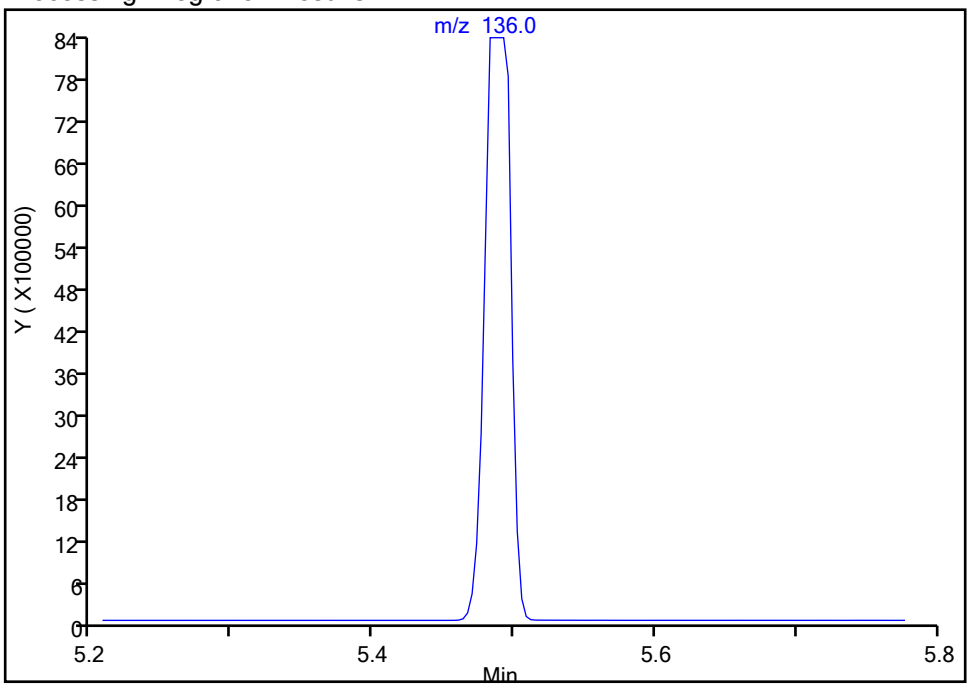
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351505.D				
Injection Date:	02-Aug-2025 04:32:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7		
Client ID:	MW-4S				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 38 Naphthalene-d8, CAS: 1146-65-2

Signal: 1

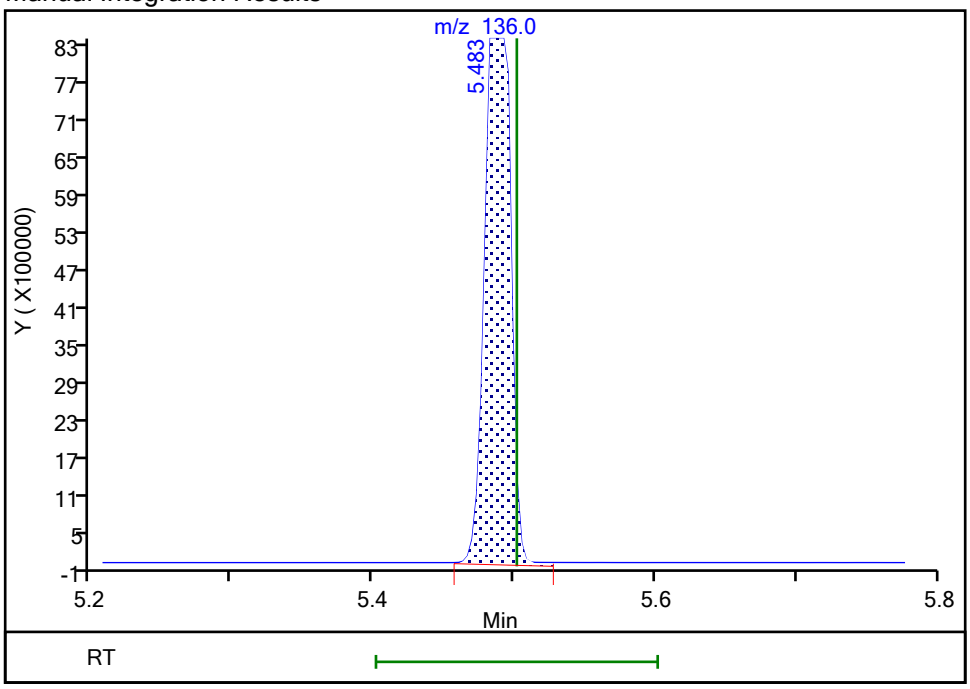
Not Detected
Expected RT: 5.50

Processing Integration Results



Manual Integration Results

RT: 5.48
Area: 11028030
Amount: 8.000000
Amount Units: ug/ml



Reviewer: U6BX, 02-Aug-2025 12:40:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

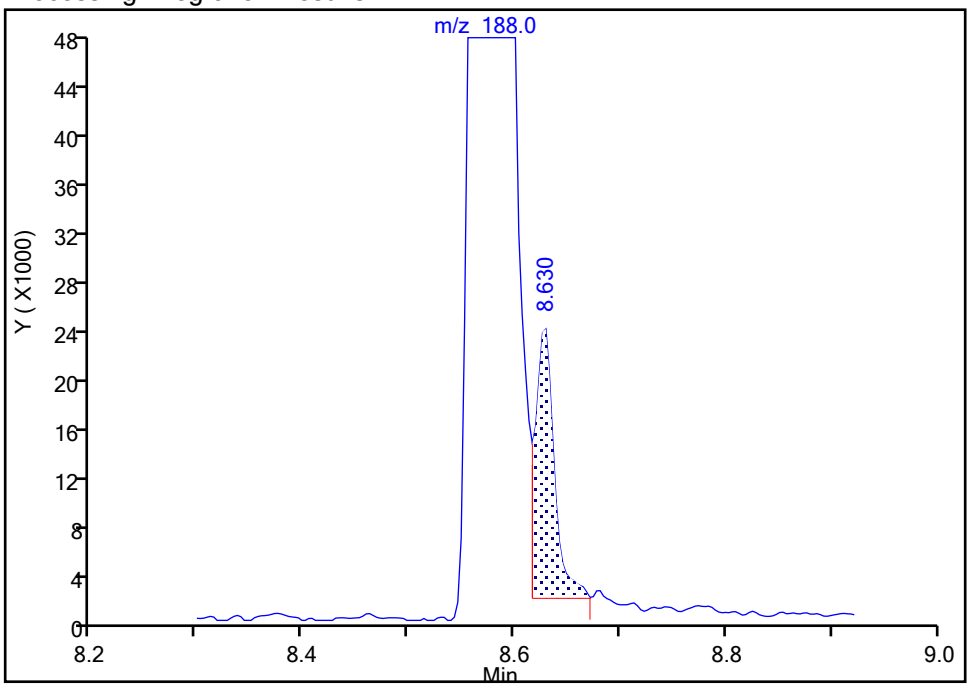
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351505.D				
Injection Date:	02-Aug-2025 04:32:30	Instrument ID:	CBNAMS17		
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7		
Client ID:	MW-4S				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

* 88 Phenanthrene-d10, CAS: 1517-22-2

Signal: 1

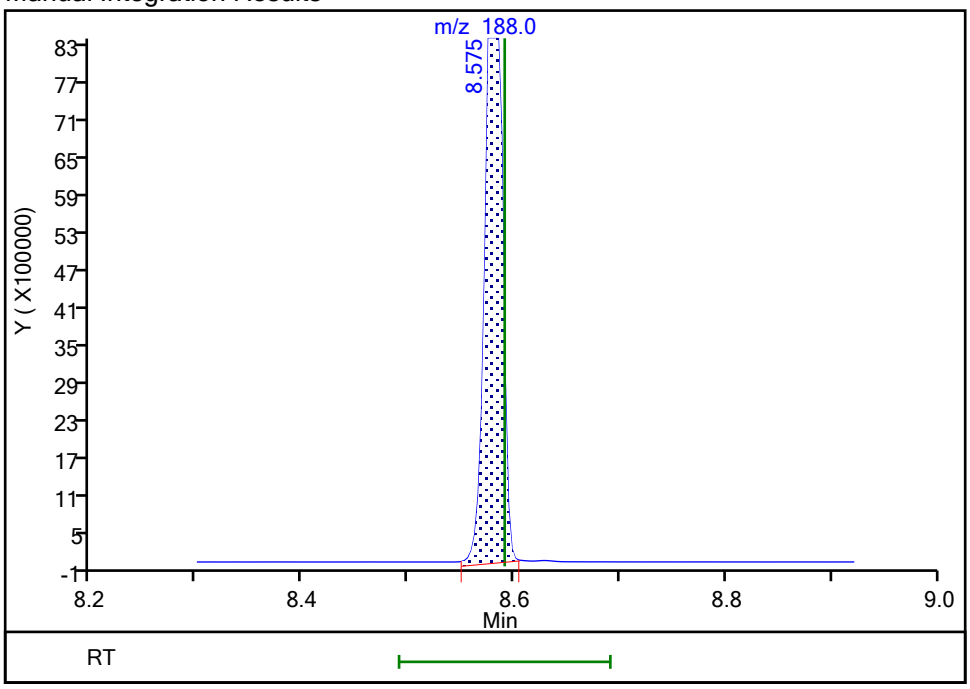
Processing Integration Results

RT: 8.63
Area: 27334
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 8.58
Area: 10396743
Amount: 8.000000
Amount Units: ug/ml



Reviewer: U6BX, 02-Aug-2025 12:41:41 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil M ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 | Calibration End Date: 07/25/2025 10:17 | Calibration ID: 101867

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD002 460-1051713/11	M351418.D
Level 2	STD01 460-1051713/10	M351417.D
Level 3	STD02 460-1051713/9	M351416.D
Level 4	STD04 460-1051713/8	M351415.D
Level 5	STD1 460-1051713/7	M351414.D
Level 6	STD2 460-1051713/6	M351413.D
Level 7	STD4 460-1051713/5	M351412.D
Level 8	ICIS 460-1051713/13	M351420.D
Level 9	STD16 460-1051713/4	M351411.D
Level 10	STD24 460-1051713/3	M351410.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
1,4-Dioxane	0.6020 0.6140	0.6185 0.6163	0.6503 0.6423	0.6738	0.6163 0.6653	Ave		0.6332			0.0100	4.0		20.0			
N-Nitrosodimethylamine	0.9616	0.9496	0.9621 1.0101	1.0506	0.9371 1.0392	Ave		0.9872			0.0100	4.6		20.0			
Pyridine	1.2081 1.5871	1.3085 1.6079	1.4820 1.7295	1.3659	1.5277 1.0744	Ave		1.4323			0.0100	14.7		20.0			
Benzaldehyde	1.2637	1.2485	1.2893 +++++	1.2491 +++++	1.2059 +++++	Ave		1.2513			0.0100	2.4		20.0			
Phenol	1.7692	1.7407	1.8047 1.8409	1.9723	1.7876 1.9509	Ave		1.8380			0.8000	4.9		20.0			
Aniline	2.2511 2.2440	2.1526 2.2560	2.2071 2.3303	2.4686	2.2513 2.3041	Ave		2.2739			0.0100	3.9		20.0			
Bis(2-chloroethyl)ether	1.5341 1.4236	1.3908 1.4128	1.4919 1.4310	1.5541	1.4355 1.4976	Ave		1.4635			0.7000	3.9		20.0			
2-Chlorophenol	1.3749	1.3836	1.4149 1.4076	1.5113	1.3612 1.4528	Ave		1.4152			0.8000	3.7		20.0			
n-Decane	1.3082	1.3137	1.3726 1.2901	1.3960	1.3320 1.3451	Ave		1.3368			0.0100	2.8		20.0			
1,3-Dichlorobenzene	1.6652 1.5107	1.5077	1.5915 1.5397	1.6249	1.4915 1.5995	Ave		1.5663			0.0100	4.0		20.0			
1,4-Dichlorobenzene	1.9513 1.4930	1.5058	1.5234 1.5354	1.6523	1.5413 1.5934	Ave		1.5995			0.0100	9.5		20.0			
Benzyl alcohol	0.8786	0.8984	0.7642 0.8817	0.9742	0.8206 0.9214	Ave		0.8770			0.0100	7.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 Calibration End Date: 07/25/2025 10:17 Calibration ID: 101867

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
1,2-Dichlorobenzene	1.5534 1.4691	1.4312	1.4625 1.4413	1.5551	1.4379 1.5094	Ave		1.4825			0.0100	3.4		20.0			
2-Methylphenol	1.2713	1.2790	1.2446 1.2955	1.3848	1.2802 1.3315	Ave		1.2981			0.7000	3.6		20.0			
2,2'-oxybis[1-chloropropane]	1.7280	1.6960	1.8358 1.6021	1.6762	1.7387 1.5602	Ave		1.6910			0.0100	5.4		20.0			
N-Methylaniline	2.2577 2.2362	1.9872 2.1867	1.9259 2.2400	2.3206	2.1596 2.2237	Ave		2.1709			0.0100	6.0		20.0			
Acetophenone	2.0069	1.9816	2.0551 1.9376	2.0323	2.0080 1.8168	Ave		1.9769			0.0100	4.0		20.0			
N-Nitrosodi-n-propylamine	1.0683 0.9948	0.9429 0.9689	0.9908 0.9178	0.9459	0.9882 0.8836	Ave		0.9668			0.5000	5.5		20.0			
3 & 4 Methylphenol	1.4356	1.4424	1.3917 1.4299	1.4644	1.4240 1.3879	Ave		1.4251			0.0100	1.9		20.0			
4-Methylphenol	1.4303	1.4194	1.3917 1.4178	1.4469	1.4009 1.3695	Ave		1.4109			0.6000	1.8		20.0			
Hexachloroethane	0.7374 0.5723	0.5743 0.5761	0.5630 0.5830	0.6276	0.5757 0.6090	Ave		0.6020			0.3000	9.1		20.0			
Nitrobenzene	0.6321 0.6524	0.6477 0.6557	0.7126 0.6616	0.6998	0.6869 0.6693	Ave		0.6687			0.2000	3.9		20.0			
n,n'-Dimethylaniline	1.9551 2.1634	2.0540 2.1068	2.0710 2.1690	2.1818	2.0785 1.8979	Ave		2.0753			0.0100	4.7		20.0			
Isophorone	0.6213 0.6777	0.6803	0.6724 0.6792	0.7166	0.6791 0.6448	Ave		0.6714			0.4000	4.2		20.0			
2-Nitrophenol	0.1502	0.1540	0.1316 0.1646	0.1799	0.1478 0.1697	Ave		0.1568			0.1000	10.2		20.0			
2,4-Dimethylphenol	0.3100	0.3080	0.2875 0.3108	0.3274	0.2957 0.3129	Ave		0.3075			0.2000	4.2		20.0			
Benzoic acid	0.1106	0.1314	0.1643	0.1892	0.0761 0.1847	Lin2	-0.1144	0.1798			0.0100				0.9900		0.9900
Bis(2-chloroethoxy)methane	0.4209	0.4281	0.4381 0.4318	0.4659	0.4236 0.4429	Ave		0.4359			0.3000	3.5		20.0			
2,4-Dichlorophenol	0.2543	0.2624	0.2299 0.2704	0.2871	0.2526 0.2740	Ave		0.2615			0.2000	7.0		20.0			
1,2,4-Trichlorobenzene	0.3289 0.2771	0.2562 0.2762	0.2819 0.2817	0.3013	0.2803 0.2942	Ave		0.2864			0.0100	7.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 Calibration End Date: 07/25/2025 10:17 Calibration ID: 101867

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Naphthalene	1.0740 1.0261	0.9976 1.0391	1.0637 1.0479	0.8004	1.0366 0.6200	Ave		0.9673			0.7000	15.9		20.0			
4-Chloroaniline	0.4015 0.4087	0.3579 0.4133	0.3913 0.4266	0.4473	0.4135 0.4343	Ave		0.4105			0.0100	6.3		20.0			
2,6-Dichlorophenol	0.2471	0.2324	0.2390 0.2498	0.2761	0.2513 0.2633	Ave		0.2513				5.8		20.0			
Hexachlorobutadiene	0.1579 0.1330	0.1322 0.1325	0.1399 0.1421	0.1503	0.1381 0.1475	Ave		0.1415			0.0100	6.3		20.0			
Caprolactam	0.1167	0.1199	0.0820 0.1263	0.0880 0.1285	0.0993 0.1245	Ave		0.1107			0.0100	16.5		20.0			
4-Chloro-3-methylphenol	0.2652	0.2702	0.2290 0.2754	0.2942	0.2462 0.2834	Ave		0.2662			0.2000	8.4		20.0			
2-Methylnaphthalene	0.6604 0.5768	0.5817	0.5782 0.5908	0.6093	0.5850 0.5078	Ave		0.5862			0.4000	7.2		20.0			
1-Methylnaphthalene	0.6778 0.6050	0.6031	0.6076 0.6097	0.6193	0.6104 0.5113	Ave		0.6055			0.0100	7.5		20.0			
1,2,4,5-Tetrachlorobenzene	0.5181	0.5294	0.5223 0.5471	0.6036	0.5230 0.5883	Ave		0.5474			0.0100	6.3		20.0			
Hexachlorocyclopentadiene	0.3443	0.3650	0.3104 0.3934	0.4425	0.3344 0.4257	Ave		0.3737			0.0500	13.1		20.0			
2-tertbutyl-4-methylphenol	0.3672 0.3681	0.3527	0.3397 0.3717	0.3804	0.3519 0.3857	Ave		0.3647			0.0100	4.3		20.0			
2,4,6-Trichlorophenol	0.2948 0.3460	0.3522	0.3312 0.3655	0.3973	0.3375 0.3865	Ave		0.3514			0.2000	9.2		20.0			
2,4,5-Trichlorophenol	0.3600	0.3659	0.3047 0.3851	0.4235	0.3573 0.4090	Ave		0.3722			0.2000	10.5		20.0			
1,1'-Biphenyl	1.8030 1.5549	1.5363 1.6016	1.5753 1.6306	1.5110	1.5902 1.1854	Ave		1.5543			0.0100	10.4		20.0			
2-Chloronaphthalene	1.1617	1.1919	1.1978 1.2271	1.3138	1.1937 1.1270	Ave		1.2019			0.8000	4.9		20.0			
Phenyl ether	0.8085	0.7829	0.7889 0.8312	0.8744	0.7898 0.8721	Ave		0.8211			0.0100	4.8		20.0			
2-Nitroaniline	0.3704	0.3940	0.3166 0.3960	0.4241	0.3564 0.4047	Ave		0.3803			0.0100	9.4		20.0			
1,3-Dimethylnaphthalene	0.8312	0.8316	0.8204 0.8460	0.9015	0.8229 0.9008	Ave		0.8506			0.0100	4.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 Calibration End Date: 07/25/2025 10:17 Calibration ID: 101867

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Dimethyl phthalate	1.2190	1.2284	1.1667 1.2547	1.3215	1.2391 1.1136	Ave		1.2204			0.0100	5.4		20.0			
Coumarin	0.2071	0.2020	0.1963 0.2126	0.2077	0.2003 0.2114	Ave		0.2053			0.0100	2.9		20.0			
2,6-Dinitrotoluene	0.2119 0.2409	0.2535	0.1990 0.2644	0.2868	0.2344 0.2739	Ave		0.2456			0.2000	12.3		20.0			
Acenaphthylene	1.9711	1.9732	1.9316 2.0611	1.7287	1.9611 1.3281	Ave		1.8507			0.9000	13.6		20.0			
3-Nitroaniline	0.2952	0.3105	0.2130 0.3277	0.3498	0.2838 0.3385	Ave		0.3026			0.0100	15.2		20.0			
Acenaphthene	1.1783	1.2186	1.1826 1.1739	1.2502	1.2059 1.0744	Ave		1.1834			0.9000	4.7		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.8300	0.8236	0.7116 0.8771	0.9228	0.7990 0.8783	Ave		0.8346			0.0100	8.2		20.0			
2,4-Dinitrophenol	0.0889	0.0242 0.1069	0.0409 0.1314	0.0518 0.1451	0.0729 0.1425	Qua1	-0.0300	0.1121	0.0007500						0.9950		0.9900
4-Nitrophenol	0.1826	0.2003	0.1299 0.2110	0.2279	0.1693 0.2212	Ave		0.1917			0.0100	17.9		20.0			
2,4-Dinitrotoluene	0.2286 0.3089	0.3226	0.2310 0.3371	0.3636	0.2917 0.3535	Ave		0.3046			0.2000	16.9		20.0			
Dibenzofuran	1.6190	1.6352	1.6262 1.6541	1.5679	1.6336 1.2486	Ave		1.5692			0.8000	9.2		20.0			
2,3,4,6-Tetrachlorophenol	0.2488	0.2561	0.2159 0.2642	0.2957	0.2513 0.2814	Ave		0.2591			0.0100	9.8		20.0			
Diethyl phthalate	1.2210	1.2906	1.1414 1.2629	1.3445	1.2312 1.2111	Ave		1.2432			0.0100	5.2		20.0			
n-Octadecane	0.5495	0.5787	0.5111 0.5620	0.6442	0.5458 0.5942	Ave		0.5694			0.0100	7.4		20.0			
Fluorene	1.2784	1.3098	1.2680 1.3329	1.3752	1.2984 1.1425	Ave		1.2865			0.9000	5.7		20.0			
4-Chlorophenyl phenyl ether	0.5366	0.5378	0.5282 0.5501	0.5826	0.5440 0.5540	Ave		0.5476			0.4000	3.2		20.0			
4-Nitroaniline	0.2720	0.2930	0.2015 0.3167	0.3221	0.2567 0.3169	Ave		0.2827			0.0100	15.4		20.0			
4,6-Dinitro-2-methylphenol	0.0835	0.0973	0.0471 0.1098	0.1203	0.0738 0.1153	Qua1	-0.0333	0.1035	0.0003284						0.9970		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 Calibration End Date: 07/25/2025 10:17 Calibration ID: 101867

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
N-Nitrosodiphenylamine	0.5394	0.5514	0.5051 0.5692	0.6078	0.5370 0.5765	Ave		0.5552			0.0100	5.9		20.0			
1,2-Diphenylhydrazine	0.9159 0.8902	0.8093 0.9237	0.8373 0.9159	0.9391	0.8814 0.7579	Ave		0.8745			0.0100	6.9		20.0			
Azobenzene	0.8902	0.9238	0.8386 0.9159	0.9390	0.8813 0.7574	Ave		0.8780				7.1		20.0			
4-Bromophenyl phenyl ether	0.1798	0.1829	0.1824 0.1907	0.2097	0.1798 0.2049	Ave		0.1900			0.1000	6.5		20.0			
Hexachlorobenzene	0.2485 0.2182	0.2177 0.2204	0.2193 0.2324	0.2500	0.2162 0.2454	Ave		0.2298			0.1000	6.3		20.0			
Atrazine	0.1659 0.1678	0.1727	0.1406 0.1792	0.1435 0.1932	0.1579 0.1826	Ave		0.1671			0.0100	10.5		20.0			
Pentachlorophenol	0.1217	0.1344	0.0855 0.1458	0.1602	0.1174 0.1550	Ave		0.1314			0.0500	19.6		20.0			
Pentachloronitrobenzene	0.0543	0.0551	0.0427 0.0569	0.0592	0.0483 0.0615	Ave		0.0540			0.0100	12.1		20.0			
Phenanthrene	1.0150	1.0369	1.0505 1.0627	0.9993	1.0160 0.7834	Ave		0.9948			0.7000	9.6		20.0			
Anthracene	1.0476	1.0640	0.9943 1.1060	1.0157	1.0413 0.8038	Ave		1.0104			0.7000	9.7		20.0			
Carbazole	0.9330	0.9635	0.8728 0.9982	0.9666	0.9127 0.7844	Ave		0.9187			0.0100	7.8		20.0			
Di-n-butyl phthalate	1.0357	1.1025	0.8517 1.1471	1.0148	0.9770 0.8006	Ave		0.9899			0.0100	12.7		20.0			
Fluoranthene	0.9038	0.9171	0.8578 0.9704	0.9452	0.8928 0.7698	Ave		0.8939			0.6000	7.3		20.0			
Benzidine	0.4500	0.4778	0.2247 0.4468	0.2836 0.5491	0.3702 0.5857	Qua1	-0.043	0.4246	0.0068583						0.9980		0.9900
Pyrene	1.7776 1.7031	1.7495	1.6970 1.6730	1.7415	1.7079 1.4256	Ave		1.6844			0.6000	6.5		20.0			
Bisphenol-A	0.4424	0.4692	0.4625	0.5585	0.4499 0.5691	Ave		0.4919				11.5		20.0			
Butyl benzyl phthalate	0.5994	0.6684	0.4050 0.6914	0.7921	0.5381 0.7783	Qua1	-0.071	0.6639	0.0055405						0.9980		0.9900
2,3,7,8-TCDD			0.1943			Ave		0.1943			0.0100			20.0			

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FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 Calibration End Date: 07/25/2025 10:17 Calibration ID: 101867

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10		B	M1	M2								
Carbamazepine	0.3226	0.3769	0.1664 0.5007	0.5273	0.2435 0.5356	Qua1	-0.083	0.4186	0.0056313						0.9960		0.9900
3,3'-Dichlorobenzidine	0.2883 0.4403	0.4837	0.2864 0.5110	0.5635	0.3955 0.5605	Qua1	-0.008	0.4675	0.0043705						0.9980		0.9900
Benzo[a]anthracene	2.2323 1.2428	1.3632 1.3064	1.3370 1.3060	1.4237	1.2740 1.4093	Lin2	0.0181	1.2982			0.8000				0.9960		0.9900
Chrysene	1.2782 1.1835	1.2152	1.2712 1.2441	1.3544	1.1929 1.3074	Ave		1.2559			0.7000	4.7		20.0			
Bis(2-ethylhexyl) phthalate	0.6007 0.8897	1.0000	0.5684 1.0364	1.1906	0.7917 1.1861	Qua1	-0.016	0.9429	0.0112831						0.9980		0.9900
Di-n-octyl phthalate	1.3093	1.5375	0.7810 1.5911	1.9325	1.1243 1.7798	Qua1	-0.235	1.5741	0.0117563						0.9950		0.9900
Benzo[b]fluoranthene	1.1129 1.1086	0.8940 1.1688	1.0006 1.1453	1.2854	1.0699 1.2849	Ave		1.1189			0.7000	11.2		20.0			
Benzo[k]fluoranthene	1.1746 1.2357	1.1610 1.2637	1.1722 1.2928	1.4422	1.2348 1.3427	Ave		1.2578			0.7000	7.3		20.0			
Benzo[a]pyrene	0.9175 1.0454	0.8686 1.1024	0.9491 1.1232	1.2364	1.0247 1.2136	Ave		1.0534			0.7000	12.1		20.0			
Indeno[1,2,3-cd]pyrene	0.8523 0.9181	0.6855 0.9933	0.7646 1.0882	1.2307	0.8773 1.2694	Qua1	-0.010	0.9520	0.0141551						0.9990		0.9900
Dibenz(a,h)anthracene	0.8258 0.9702	0.7073 1.0421	0.7219 1.1040	1.2322	0.9237 1.2448	Qua1	-0.013	1.0056	0.0108837						0.9990		0.9900
Benzo[g,h,i]perylene	0.6446 0.9554	0.7715 1.0317	0.8476 1.0839	1.2127	0.9295 1.2314	Qua1	-0.013	0.9921	0.0107733						0.9990		0.9900
2-Fluorophenol (Surr)	1.5190 1.5794	1.5335 1.5188	1.5618 1.4082	1.5632 1.4828	1.5593 1.6827	Ave		1.5409			0.0100	4.6		20.0			
Phenol-d5 (Surr)	1.9110 2.0404	1.9919 1.9334	2.0173 1.7798	2.0164 1.8388	2.0099 2.1210	Ave		1.9660			0.0100	5.2		20.0			
Nitrobenzene-d5 (Surr)	0.3862 0.4144	0.4088 0.3998	0.4086 0.3639	0.4127 0.3771	0.4141 0.4121	Ave		0.3998			0.0100	4.5		20.0			
2-Fluorobiphenyl	1.5597 1.5811	1.5949 1.5375	1.5624 1.4147	1.6036 1.4905	1.6157 1.6561	Ave		1.5616			0.0100	4.4		20.0			
2,4,6-Tribromophenol (Surr)	0.1966 0.2136	0.2056 0.2049	0.2063 0.1950	0.2129 0.1933	0.2155 0.2182	Ave		0.2062			0.0100	4.3		20.0			
Terphenyl-d14 (Surr)	1.3233 1.4192	1.4882 1.3594	1.4739 1.1811	1.4308 1.2591	1.4271 1.4609	Ave		1.3823			0.0100	7.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 | Calibration End Date: 07/25/2025 10:17 | Calibration ID: 101867

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD002 460-1051713/11	M351418.D
Level 2	STD01 460-1051713/10	M351417.D
Level 3	STD02 460-1051713/9	M351416.D
Level 4	STD04 460-1051713/8	M351415.D
Level 5	STD1 460-1051713/7	M351414.D
Level 6	STD2 460-1051713/6	M351413.D
Level 7	STD4 460-1051713/5	M351412.D
Level 8	ICIS 460-1051713/13	M351420.D
Level 9	STD16 460-1051713/4	M351411.D
Level 10	STD24 460-1051713/3	M351410.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
1,4-Dioxane	DCBd4	Ave	2658 298968	15926 628650	33213 1325473	 2483887	159140 3375144	0.0200 2.00	0.100 4.00	0.200 10.0	 16.0	1.00 24.0
N-Nitrosodimethylamine	DCBd4	Ave	 468247	 968554	49139 2084588	 3872918	241959 5272088	 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
Pyridine	DCBd4	Ave	10669 1545646	67386 3280200	151386 7138609	 10070652	788875 10900951	0.0400 4.00	0.200 8.00	0.400 20.0	 32.0	2.00 48.0
Benzaldehyde	DCBd4	Ave	 615327	 1018807	65851 +++++	126318 +++++	311361 +++++	 2.00	 3.20	0.200 +++++	0.400 +++++	1.00 +++++
Phenol	DCBd4	Ave	 861503	 1775556	92174 3799032	 7270784	461546 9897103	 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
Aniline	DCBd4	Ave	9940 1092684	55430 2301161	112728 4809174	 9100128	581279 11688557	0.0200 2.00	0.100 4.00	0.200 10.0	 16.0	1.00 24.0
Bis(2-chloroethyl)ether	DCBd4	Ave	6774 693199	35813 1441072	76198 2953260	 5729002	370644 7597193	0.0200 2.00	0.100 4.00	0.200 10.0	 16.0	1.00 24.0
2-Chlorophenol	DCBd4	Ave	 669505	 1411313	72265 2904810	 5571393	351456 7369882	 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
n-Decane	DCBd4	Ave	 637035	 1340004	70108 2662437	 5146088	343923 6823901	 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
1,3-Dichlorobenzene	DCBd4	Ave	7353 735634	 1537829	81288 3177525	 5990036	385108 8114173	0.0200 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
1,4-Dichlorobenzene	DCBd4	Ave	8616 727016	 1535863	77810 3168688	 6090856	397962 8083612	0.0200 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
Benzyl alcohol	DCBd4	Ave	 427822	 916406	39033 1819643	 3591194	211881 4674557	 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
1,2-Dichlorobenzene	DCBd4	Ave	6859 715376	 1459779	74698 2974406	 5732672	371270 7657417	0.0200 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0
2-Methylphenol	DCBd4	Ave	 619062	 1304576	63570 2673648	 5104857	330544 6754916	 2.00	 4.00	0.200 10.0	 16.0	1.00 24.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 | Calibration End Date: 07/25/2025 10:17 | Calibration ID: 101867

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2,2'-oxybis[1-chloropropane]	DCBd4	Ave			93766		448938			0.200		1.00
			841427	1729871	3306246	6179065	7914919	2.00	4.00	10.0	16.0	24.0
N-Methylaniline	DCBd4	Ave	9969	51169	98368		557616	0.0200	0.100	0.200		1.00
			1088913	2230456	4622803	8554560	11281179	2.00	4.00	10.0	16.0	24.0
Acetophenone	DCBd4	Ave			104966		518470			0.200		1.00
			977253	2021272	3998625	7491849	9216756	2.00	4.00	10.0	16.0	24.0
N-Nitrosodi-n-propylamine	DCBd4	Ave	4717	24279	50608		255159	0.0200	0.100	0.200		1.00
			484423	988229	1894089	3486920	4482773	2.00	4.00	10.0	16.0	24.0
3 & 4 Methylphenol	DCBd4	Ave			71081		367682			0.200		1.00
			699064	1471199	2951020	5398279	7040917	2.00	4.00	10.0	16.0	24.0
4-Methylphenol	DCBd4	Ave			71081		361706			0.200		1.00
			696473	1447788	2925903	5333730	6947695	2.00	4.00	10.0	16.0	24.0
Hexachloroethane	DCBd4	Ave	3256	14787	28754		148653	0.0200	0.100	0.200		1.00
			278654	587651	1203131	2313595	3089490	2.00	4.00	10.0	16.0	24.0
Nitrobenzene	DCBd4	Ave	2791	16679	36399		177354	0.0200	0.100	0.200		1.00
			317691	668770	1365376	2579632	3395434	2.00	4.00	10.0	16.0	24.0
n,n'-Dimethylaniline	DCBd4	Ave	8633	52890	105776		536676	0.0200	0.100	0.200		1.00
			1053437	2148945	4476189	8042819	9627977	2.00	4.00	10.0	16.0	24.0
Isophorone	NPT	Ave	10886		134785		680525	0.0200		0.200		1.00
			1301720	2677259	5328497	9980192	12593770	2.00	4.00	10.0	16.0	24.0
2-Nitrophenol	NPT	Ave			26373		148069			0.200		1.00
			288492	605931	1291281	2505033	3314700	2.00	4.00	10.0	16.0	24.0
2,4-Dimethylphenol	NPT	Ave			57630		296327			0.200		1.00
			595509	1211934	2438554	4559247	6111742	2.00	4.00	10.0	16.0	24.0
Benzoic acid	NPT	Lin2					76257					1.00
			212521	517006	1289033	2634937	3607211	2.00	4.00	10.0	16.0	24.0
Bis(2-chloroethoxy)methane	NPT	Ave			87813		424490			0.200		1.00
			808441	1684867	3387737	6488370	8651509	2.00	4.00	10.0	16.0	24.0
2,4-Dichlorophenol	NPT	Ave			46080		253174			0.200		1.00
			488467	1032488	2121532	3998208	5352587	2.00	4.00	10.0	16.0	24.0
1,2,4-Trichlorobenzene	NPT	Ave	5763	25485	56511		280864	0.0200	0.100	0.200		1.00
			532312	1087107	2210248	4195358	5746636	2.00	4.00	10.0	16.0	24.0
Naphthalene	NPT	Ave	18818	99241	213224		1038825	0.0200	0.100	0.200		1.00
			1971036	4089275	8221175	11146913	12109831	2.00	4.00	10.0	16.0	24.0
4-Chloroaniline	NPT	Ave	7034	35603	78437		414367	0.0200	0.100	0.200		1.00
			785091	1626434	3346625	6229409	8483034	2.00	4.00	10.0	16.0	24.0
2,6-Dichlorophenol	NPT	Ave			47915		251790			0.200		1.00
			474641	914586	1959778	3845181	5143818	2.00	4.00	10.0	16.0	24.0
Hexachlorobutadiene	NPT	Ave	2767	13154	28040		138347	0.0200	0.100	0.200		1.00
			255554	521347	1115033	2092538	2881796	2.00	4.00	10.0	16.0	24.0
Caprolactam	NPT	Ave			16442	34881	99499			0.200	0.400	1.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 | Calibration End Date: 07/25/2025 10:17 | Calibration ID: 101867

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
			224229	377333	396337	536988	648291	2.00	3.20	4.00	4.80	6.40
4-Chloro-3-methylphenol	NPT	Ave	509339	1063283	45904 2160709	4097553	246685 5534821	2.00	4.00	0.200 10.0	16.0	1.00 24.0
2-Methylnaphthalene	NPT	Ave	11570 1107992	2289067	115896 4635094	8484916	586204 9919563	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
1-Methylnaphthalene	NPT	Ave	11876 1162122	2373496	121805 4782992	8624593	611703 9986790	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	465497	959038	49629 1962336	3717402	245281 5124732	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Hexachlorocyclopentadiene	ANT	Ave	309361	661234	29494 1411085	2724883	156818 3708205	2.00	4.00	0.200 10.0	16.0	1.00 24.0
2-tertbutyl-4-methylphenol	NPT	Ave	6434 707002	1387844	68105 2915765	5297605	352679 7534299	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
2,4,6-Trichlorophenol	ANT	Ave	2409 310843	638052	31472 1311110	2446601	158296 3367273	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
2,4,5-Trichlorophenol	ANT	Ave	323479	662776	28948 1381433	2608016	167583 3563082	2.00	4.00	0.200 10.0	16.0	1.00 24.0
1,1'-Biphenyl	ANT	Ave	14736 1397113	72350 2901180	149680 5848577	9305126	745796 10326888	0.0200 2.00	0.100 4.00	0.200 10.0	16.0	1.00 24.0
2-Chloronaphthalene	ANT	Ave	1043809	2158916	113811 4401359	8090677	559839 9818004	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Phenyl ether	ANT	Ave	726458	1418080	74962 2981332	5384714	370428 7597417	2.00	4.00	0.200 10.0	16.0	1.00 24.0
2-Nitroaniline	ANT	Ave	332829	713656	30078 1420472	2611456	167128 3525277	2.00	4.00	0.200 10.0	16.0	1.00 24.0
1,3-Dimethylnaphthalene	ANT	Ave	746862	1506395	77954 3034411	5551696	385952 7847197	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Dimethyl phthalate	ANT	Ave	1095264	2225117	110854 4500338	8138125	581122 9701117	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Coumarin	NPT	Ave	397756	794865	39358 1667532	2893000	200726 4129091	2.00	4.00	0.200 10.0	16.0	1.00 24.0
2,6-Dinitrotoluene	ANT	Ave	1732 216422	459279	18907 948388	1766150	109939 2385828	0.0200 2.00	4.00	0.200 10.0	16.0	1.00 24.0
Acenaphthylene	ANT	Ave	1771033	3574297	183530 7392979	10645735	919726 11569654	2.00	4.00	0.200 10.0	16.0	1.00 24.0
3-Nitroaniline	ANT	Ave	265202	562495	20238 1175239	2153889	133098 2948557	2.00	4.00	0.200 10.0	16.0	1.00 24.0
Acenaphthene	ANT	Ave	1058741	2207290	112362 4210647	7699181	565565 9359352	2.00	4.00	0.200 10.0	16.0	1.00 24.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	745765	1491791	67610 3145904	5682966	374718 7651358	2.00	4.00	0.200 10.0	16.0	1.00 24.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 | Calibration End Date: 07/25/2025 10:17 | Calibration ID: 101867

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2,4-Dinitrophenol	ANT	Qua1		2281	7771	19159	68383		0.200	0.400	0.800	2.00
			159733	387395	942859	1786998	2482925	4.00	8.00	20.0	32.0	48.0
4-Nitrophenol	ANT	Ave			24690		158810			0.400		2.00
			328063	725604	1513619	2807381	3853965	4.00	8.00	20.0	32.0	48.0
2,4-Dinitrotoluene	ANT	Ave	1868		21953		136808	0.0200		0.200		1.00
			277531	584384	1209156	2239297	3079514	2.00	4.00	10.0	16.0	24.0
Dibenzofuran	ANT	Ave			154516		766129			0.200		1.00
			1454692	2962005	5933037	9655250	10876784	2.00	4.00	10.0	16.0	24.0
2,3,4,6-Tetrachlorophenol	ANT	Ave			20517		117838			0.200		1.00
			223531	463937	947613	1820898	2451476	2.00	4.00	10.0	16.0	24.0
Diethyl phthalate	ANT	Ave			108448		577395			0.200		1.00
			1097117	2337810	4529871	8279672	10549952	2.00	4.00	10.0	16.0	24.0
n-Octadecane	PHN	Ave			79518		418140			0.200		1.00
			789222	1649562	3183146	6117049	8148702	2.00	4.00	10.0	16.0	24.0
Fluorene	ANT	Ave			120484		608942			0.200		1.00
			1148667	2372630	4781070	8468849	9953137	2.00	4.00	10.0	16.0	24.0
4-Chlorophenyl phenyl ether	ANT	Ave			50190		255118			0.200		1.00
			482114	974217	1973181	3587519	4826177	2.00	4.00	10.0	16.0	24.0
4-Nitroaniline	ANT	Ave			19148		120400			0.200		1.00
			244406	530828	1135901	1983455	2760901	2.00	4.00	10.0	16.0	24.0
4,6-Dinitro-2-methylphenol	PHN	Qua1			14648		113084			0.400		2.00
			239787	554528	1243566	2285328	3161107	4.00	8.00	20.0	32.0	48.0
N-Nitrosodiphenylamine	PHN	Ave			78577		411360			0.200		1.00
			774598	1571716	3223837	5771491	7905476	2.00	4.00	10.0	16.0	24.0
1,2-Diphenylhydrazine	PHN	Ave	12426	62318	130261		675172	0.0200	0.100	0.200		1.00
			1278491	2632940	5187411	8917624	10394354	2.00	4.00	10.0	16.0	24.0
Azobenzene	PHN	Ave			130472		675142			0.200		1.00
			1278533	2633044	5187644	8916816	10386628	2.00	4.00	10.0	16.0	24.0
4-Bromophenyl phenyl ether	PHN	Ave			28385		137751			0.200		1.00
			258197	521238	1079989	1990816	2810489	2.00	4.00	10.0	16.0	24.0
Hexachlorobenzene	PHN	Ave	3372	16762	34113		165610	0.0200	0.100	0.200		1.00
			313297	628339	1316347	2373542	3366103	2.00	4.00	10.0	16.0	24.0
Atrazine	PHN	Ave	2251		21877	43228	120995	0.0200		0.200	0.400	1.00
			241012	393749	405934	550443	667813	2.00	3.20	4.00	4.80	6.40
Pentachlorophenol	PHN	Ave			26610		179806			0.400		2.00
			349476	766120	1652000	3041524	4251043	4.00	8.00	20.0	32.0	48.0
Pentachloronitrobenzene	PHN	Ave			6636		37013			0.200		1.00
			78008	156977	322510	561978	843706	2.00	4.00	10.0	16.0	24.0
Phenanthrene	PHN	Ave			163432		778280			0.200		1.00
			1457631	2955518	6019036	9488633	10743416	2.00	4.00	10.0	16.0	24.0
Anthracene	PHN	Ave			154699		797701			0.200		1.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 | Calibration End Date: 07/25/2025 10:17 | Calibration ID: 101867

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
			1504536	3032856	6264176	9644906	11024017	2.00	4.00	10.0	16.0	24.0
Carbazole	PHN	Ave			135794		699199			0.200		1.00
			1339872	2746249	5653838	9178159	10757787	2.00	4.00	10.0	16.0	24.0
Di-n-butyl phthalate	PHN	Ave			132513		748416			0.200		1.00
			1487398	3142412	6497392	9636534	10979440	2.00	4.00	10.0	16.0	24.0
Fluoranthene	PHN	Ave			133463		683930			0.200		1.00
			1298042	2613928	5496417	8975101	10557527	2.00	4.00	10.0	16.0	24.0
Benzidine	PHN	Qua1			34952	85406	283628			0.200	0.400	1.00
			646273	1361796	2530518	5214456	8032553	2.00	4.00	10.0	16.0	24.0
Pyrene	CRY	Ave	12820		136568		705613	0.0200		0.200		1.00
			1362382	2707138	5628627	9115798	10742692	2.00	4.00	10.0	16.0	24.0
Bisphenol-A	CRY	Ave					185862					1.00
			353897	726075	1556020	2923417	4288936	2.00	4.00	10.0	16.0	24.0
Butyl benzyl phthalate	CRY	Qua1			32590		222337			0.200		1.00
			479495	1034347	2325995	4146369	5865334	2.00	4.00	10.0	16.0	24.0
2,3,7,8-TCDD	CRY	Ave										
					6538					0.100		
Carbamazepine	CRY	Qua1			13388		100595			0.200		1.00
			258103	583149	1684529	2760248	4036127	2.00	4.00	10.0	16.0	24.0
3,3'-Dichlorobenzidine	CRY	Qua1	2079		23051		163401	0.0200		0.200		1.00
			352242	748461	1719325	2949401	4223856	2.00	4.00	10.0	16.0	24.0
Benzo[a]anthracene	CRY	Lin2	16099	54525	107597		526379	0.0200	0.100	0.200		1.00
			994159	2021614	4393715	7452462	10620179	2.00	4.00	10.0	16.0	24.0
Chrysene	CRY	Ave	9218		102298		492859	0.0200		0.200		1.00
			946764	1880403	4185678	7089773	9852301	2.00	4.00	10.0	16.0	24.0
Bis(2-ethylhexyl) phthalate	CRY	Qua1	4332		45739		327084	0.0200		0.200		1.00
			711726	1547430	3486700	6232242	8938300	2.00	4.00	10.0	16.0	24.0
Di-n-octyl phthalate	PRY	Qua1			54925		409149			0.200		1.00
			922790	2135543	5160965	9330055	12647782	2.00	4.00	10.0	16.0	24.0
Benzo[b]fluoranthene	PRY	Ave	7182	31057	70369		389351	0.0200	0.100	0.200		1.00
			781300	1623414	3715039	6206107	9130593	2.00	4.00	10.0	16.0	24.0
Benzo[k]fluoranthene	PRY	Ave	7580	40336	82443		449339	0.0200	0.100	0.200		1.00
			870874	1755340	4193553	6962845	9541779	2.00	4.00	10.0	16.0	24.0
Benzo[a]pyrene	PRY	Ave	5921	30175	66753		372876	0.0200	0.100	0.200		1.00
			736758	1531260	3643486	5969525	8624160	2.00	4.00	10.0	16.0	24.0
Indeno[1,2,3-cd]pyrene	PRY	Qua1	5500	23814	53776		319244	0.0200	0.100	0.200		1.00
			647049	1379649	3529804	5941713	9020488	2.00	4.00	10.0	16.0	24.0
Dibenz(a,h)anthracene	PRY	Qua1	5329	24573	50774		336141	0.0200	0.100	0.200		1.00
			683784	1447467	3580945	5949274	8845763	2.00	4.00	10.0	16.0	24.0
Benzo[g,h,i]perylene	PRY	Qua1	4160	26804	59611		338256	0.0200	0.100	0.200		1.00
			673327	1433086	3516014	5854847	8750747	2.00	4.00	10.0	16.0	24.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 | Calibration End Date: 07/25/2025 10:17 | Calibration ID: 101867

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5 LVL 10
2-Fluorophenol (Surr)	DCBd4	Ave	3353570	3948814	3988531	3951997	4026127	10.0	10.0	10.0	10.0	10.0
			3845297	3872850	2906233	3416299	3556888	10.0	10.0	10.0	10.0	10.0
Phenol-d5 (Surr)	DCBd4	Ave	4219005	5128992	5151822	5097699	5189532	10.0	10.0	10.0	10.0	10.0
			4967753	4930198	3673030	4236556	4483230	10.0	10.0	10.0	10.0	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	3383460	4066850	4095210	4088043	4149378	10.0	10.0	10.0	10.0	10.0
			3980283	3933732	2854708	3282085	3354076	10.0	10.0	10.0	10.0	10.0
2-Fluorobiphenyl	ANT	Ave	6373622	7511007	7422539	7418236	7577346	10.0	10.0	10.0	10.0	10.0
			7103280	6962566	5074216	5736931	6011071	10.0	10.0	10.0	10.0	10.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	803426	968179	979957	984891	1010733	10.0	10.0	10.0	10.0	10.0
			959512	927875	699409	743886	791855	10.0	10.0	10.0	10.0	10.0
Terphenyl-d14 (Surr)	CRY	Ave	4771570	5952342	5930590	5750867	5896273	10.0	10.0	10.0	10.0	10.0
			5676439	5258860	3973547	4119092	4587077	10.0	10.0	10.0	10.0	10.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1051713

SDG No.:

Instrument ID: CBNAMS17 | GC Column: Rtxi-5Sil M ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2025 06:31 | Calibration End Date: 07/25/2025 10:17 | Calibration ID: 101867

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD002 460-1051713/11	M351418.D
Level 2	STD01 460-1051713/10	M351417.D
Level 3	STD02 460-1051713/9	M351416.D
Level 4	STD04 460-1051713/8	M351415.D
Level 5	STD1 460-1051713/7	M351414.D
Level 6	STD2 460-1051713/6	M351413.D
Level 7	STD4 460-1051713/5	M351412.D
Level 8	ICIS 460-1051713/13	M351420.D
Level 9	STD16 460-1051713/4	M351411.D
Level 10	STD24 460-1051713/3	M351410.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 # LVL 9 #	LVL 4 # LVL 10 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3 LVL 9	LVL 4 LVL 10	LVL 5	LVL 6
Benzoic acid					5.6						30	
Benzo[a]anthracene	2.3						30					

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 25-Jul-2025 06:31:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194057-003
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 25-Jul-2025 10:59:05 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: G4KC Date: 25-Jul-2025 07:04:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.837	1.840	-0.003	92	3375144	24.0	25.2	a
2 N-Nitrosodimethylamine	74	2.022	2.019	0.003	99	5272088	24.0	25.3	a
3 Pyridine	79	2.057	2.064	-0.007	93	10900951	48.0	36.0	ea
$ 4 2-Fluorophenol	112	3.061	3.061	0.000	97	3556888	10.0	10.9	a
5 Benzaldehyde	77	3.873	3.873	0.000	98	1289459	6.40	4.88	a
$ 6 Phenol-d5	99	3.944	3.937	0.007	0	4483230	10.0	10.8	a
7 Phenol	94	3.960	3.950	0.010	96	9897103	24.0	25.5	a
8 Aniline	93	3.979	3.979	0.000	99	11688557	24.0	24.3	eMa
9 Bis(2-chloroethyl)ether	93	4.043	4.040	0.003	97	7597193	24.0	24.6	a
10 Benzonitrile	103	4.059	4.056	0.003	99	13957861	NC	NC	eMa
11 2-Chlorophenol	128	4.101	4.097	0.004	98	7369882	24.0	24.6	a
13 n-Decane	43	4.158	4.158	0.000	88	6823901	24.0	24.1	a
14 1,3-Dichlorobenzene	146	4.248	4.248	0.000	96	8114173	24.0	24.5	a
* 15 1,4-Dichlorobenzene-d4	152	4.299	4.299	0.000	95	1691016	8.00	8.00	a
16 1,4-Dichlorobenzene	146	4.315	4.315	0.000	94	8083612	24.0	23.9	ea
17 Benzyl alcohol	108	4.434	4.430	0.004	95	4674557	24.0	25.2	a
19 1,2-Dichlorobenzene	146	4.466	4.465	0.001	96	7657417	24.0	24.4	a
20 2-Methylphenol	108	4.542	4.539	0.003	92	6754916	24.0	24.6	a
21 2,2'-oxybis[1-chloropropane]	45	4.565	4.564	0.001	94	7914919	24.0	22.1	a
24 N-Methylaniline	106	4.690	4.676	0.014	93	11281179	24.0	24.6	e
26 Acetophenone	105	4.693	4.686	0.007	96	9216756	24.0	22.1	ea
25 N-Nitrosodi-n-propylamine	70	4.699	4.689	0.010	72	4482773	24.0	21.9	a
23 3 & 4 Methylphenol	108	4.699	4.689	0.010	0	7040917	24.0	23.4	a
22 4-Methylphenol	108	4.699	4.689	0.010	76	6947695	24.0	23.3	a
27 Hexachloroethane	117	4.795	4.795	0.000	94	3089490	24.0	24.3	a
$ 28 Nitrobenzene-d5	82	4.831	4.827	0.004	84	3354076	10.0	10.3	
29 Nitrobenzene	123	4.853	4.846	0.007	97	3395434	24.0	24.0	
30 n,n'-Dimethylaniline	120	4.856	4.859	-0.003	88	9627977	24.0	21.9	eMa
31 Isophorone	82	5.090	5.083	0.007	99	12593770	24.0	23.0	eM
32 2-Nitrophenol	139	5.160	5.156	0.004	96	3314700	24.0	26.0	
33 2,4-Dimethylphenol	122	5.208	5.204	0.004	92	6111742	24.0	24.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Bis(2-chloroethoxy)methane	93	5.298	5.294	0.004	99	8651509	24.0	24.4	e
34 Benzoic acid	122	5.349	5.304	0.045	91	3607211	24.0	25.3	
36 2,4-Dichlorophenol	162	5.394	5.390	0.004	97	5352587	24.0	25.1	
37 1,2,4-Trichlorobenzene	180	5.477	5.477	0.000	94	5746636	24.0	24.7	
* 38 Naphthalene-d8	136	5.529	5.528	0.001	99	6510877	8.00	8.00	
39 Naphthalene	128	5.542	5.547	-0.005	94	12109831	24.0	15.4	eMa
40 4-Chloroaniline	127	5.602	5.598	0.004	97	8483034	24.0	25.4	e
41 2,6-Dichlorophenol	162	5.612	5.608	0.004	98	5143818	24.0	25.2	
42 Hexachlorobutadiene	225	5.682	5.682	0.000	94	2881796	24.0	25.0	
44 Caprolactam	55	6.022	5.960	0.062	92	648291	6.40	7.20	M
45 4-Chloro-3-methylphenol	107	6.073	6.072	0.001	97	5534821	24.0	25.5	
46 2-Methylnaphthalene	142	6.211	6.216	-0.005	86	9919563	24.0	20.8	eM
47 1-Methylnaphthalene	142	6.307	6.309	-0.002	91	9986790	24.0	20.3	ea
48 Hexachlorocyclopentadiene	237	6.381	6.380	0.001	97	3708205	24.0	27.3	a
49 1,2,4,5-Tetrachlorobenzene	216	6.381	6.380	0.001	96	5124732	24.0	25.8	a
50 2-tertbutyl-4-methylphenol	149	6.416	6.415	0.001	90	7534299	24.0	25.4	e
51 2,4,6-Trichlorophenol	196	6.487	6.485	0.002	88	3367273	24.0	26.4	a
52 2,4,5-Trichlorophenol	196	6.519	6.517	0.002	96	3563082	24.0	26.4	a
$ 53 2-Fluorobiphenyl	172	6.570	6.572	-0.002	97	6011071	10.0	10.6	a
54 1,1'-Biphenyl	154	6.660	6.665	-0.005	91	10326888	24.0	18.3	eMa
55 2-Chloronaphthalene	162	6.676	6.681	-0.005	95	9818004	24.0	22.5	eMa
56 Phenyl ether	170	6.769	6.767	0.002	90	7597417	24.0	25.5	a
57 2-Nitroaniline	65	6.778	6.774	0.004	97	3525277	24.0	25.5	a
58 1,3-Dimethylnaphthalene	156	6.894	6.892	0.002	93	7847197	24.0	25.4	ea
59 Dimethyl phthalate	163	6.961	6.960	0.001	97	9701117	24.0	21.9	eMa
60 Coumarin	146	6.974	6.969	0.005	81	4129091	24.0	24.7	
61 2,6-Dinitrotoluene	165	7.012	7.008	0.004	97	2385828	24.0	26.8	a
62 Acenaphthylene	152	7.070	7.075	-0.005	91	11569654	24.0	17.2	eMa
63 3-Nitroaniline	138	7.169	7.165	0.004	97	2948557	24.0	26.8	a
* 64 Acenaphthene-d10	164	7.211	7.210	0.001	96	2903802	8.00	8.00	a
66 Acenaphthene	154	7.240	7.242	-0.002	94	9359352	24.0	21.8	ea
65 3,5-di-tert-butyl-4-hydroxytol	205	7.246	7.245	0.001	97	7651358	24.0	25.3	ea
67 2,4-Dinitrophenol	184	7.269	7.264	0.005	97	2482925	48.0	46.7	a
68 4-Nitrophenol	65	7.339	7.331	0.008	89	3853965	48.0	55.4	a
69 2,4-Dinitrotoluene	165	7.394	7.389	0.005	95	3079514	24.0	27.9	a
70 Dibenzofuran	168	7.404	7.405	-0.001	96	10876784	24.0	19.1	eMa
71 2,3,4,6-Tetrachlorophenol	232	7.525	7.524	0.001	91	2451476	24.0	26.1	a
72 Diethyl phthalate	149	7.638	7.636	0.002	98	10549952	24.0	23.4	ea
73 n-Octadecane	57	7.667	7.668	-0.001	89	8148702	24.0	25.0	e
74 Fluorene	166	7.731	7.732	-0.001	92	9953137	24.0	21.3	eMa
75 4-Chlorophenyl phenyl ether	204	7.734	7.735	-0.001	84	4826177	24.0	24.3	a
76 4-Nitroaniline	138	7.760	7.745	0.015	88	2760901	24.0	26.9	a
77 4,6-Dinitro-2-methylphenol	198	7.789	7.780	0.009	85	3161107	48.0	46.8	
78 N-Nitrosodiphenylamine	169	7.850	7.848	0.002	75	7905476	24.0	24.9	e
131 Azobenzene	77	7.882	7.886	-0.004	96	10386628	24.0	20.7	eMa
79 1,2-Diphenylhydrazine	77	7.882	7.886	-0.004	50	10394354	24.0	20.8	eMa
$ 80 2,4,6-Tribromophenol	330	7.959	7.960	-0.001	93	791855	10.0	10.6	a
83 4-Bromophenyl phenyl ether	248	8.199	8.197	0.002	87	2810489	24.0	25.9	
84 Hexachlorobenzene	284	8.263	8.261	0.002	97	3366103	24.0	25.6	
85 Atrazine	200	8.356	8.357	-0.001	90	667813	6.40	7.00	
86 Pentachlorophenol	266	8.446	8.444	0.002	94	4251043	48.0	56.6	
87 Pentachloronitrobenzene	237	8.462	8.463	-0.001	87	843706	24.0	27.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.620	8.617	0.003	99	4571353	8.00	8.00	
89 Phenanthrene	178	8.639	8.643	-0.004	95	10743416	24.0	18.9	eM
90 Anthracene	178	8.687	8.691	-0.004	92	11024017	24.0	19.1	eM
91 Carbazole	167	8.838	8.842	-0.004	96	10757787	24.0	20.5	eM
92 Di-n-butyl phthalate	149	9.184	9.191	-0.007	99	10979440	24.0	19.4	e
93 Fluoranthene	202	9.764	9.768	-0.004	92	10557527	24.0	20.7	eMa
94 Benzidine	184	9.899	9.896	0.003	100	8032553	24.0	23.9	
95 Pyrene	202	9.979	9.983	-0.004	96	10742692	24.0	20.3	eM
96 Bisphenol-A	213	10.034	10.034	0.000	98	4288936	24.0	27.8	M
$ 97 Terphenyl-d14	244	10.137	10.140	-0.003	97	4587077	10.0	10.6	
98 Butyl benzyl phthalate	149	10.651	10.650	0.001	97	5865334	24.0	23.6	
100 Carbamazepine	193	10.760	10.752	0.008	93	4036127	24.0	23.5	M
101 3,3'-Dichlorobenzidine	252	11.244	11.240	0.004	99	4223856	24.0	23.6	
102 Benzo[a]anthracene	228	11.267	11.266	0.001	99	10620179	24.0	26.0	
* 103 Chrysene-d12	240	11.276	11.278	-0.002	98	2511922	8.00	8.00	
104 Chrysene	228	11.312	11.307	0.005	98	9852301	24.0	25.0	e
105 Bis(2-ethylhexyl) phthalate	149	11.341	11.343	-0.002	86	8938300	24.0	23.6	
106 Di-n-octyl phthalate	149	12.204	12.208	-0.004	97	12647782	24.0	23.2	eM
107 Benzo[b]fluoranthene	252	12.695	12.692	0.003	97	9130593	24.0	27.6	
108 Benzo[k]fluoranthene	252	12.737	12.731	0.006	98	9541779	24.0	25.6	
109 Benzo[a]pyrene	252	13.154	13.151	0.003	95	8624160	24.0	27.6	
* 110 Perylene-d12	264	13.231	13.231	0.000	97	2368717	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.829	14.822	0.007	97	9020488	24.0	23.7	
112 Dibenz(a,h)anthracene	278	14.871	14.864	0.007	96	8845763	24.0	23.7	
113 Benzo[g,h,i]perylene	276	15.272	15.262	0.010	96	8750747	24.0	23.7	
S 119 Total Cresols	1				0			48.0	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

SV_BNAL9_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2025 10:59:09 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D

Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17

Lims ID: STD24

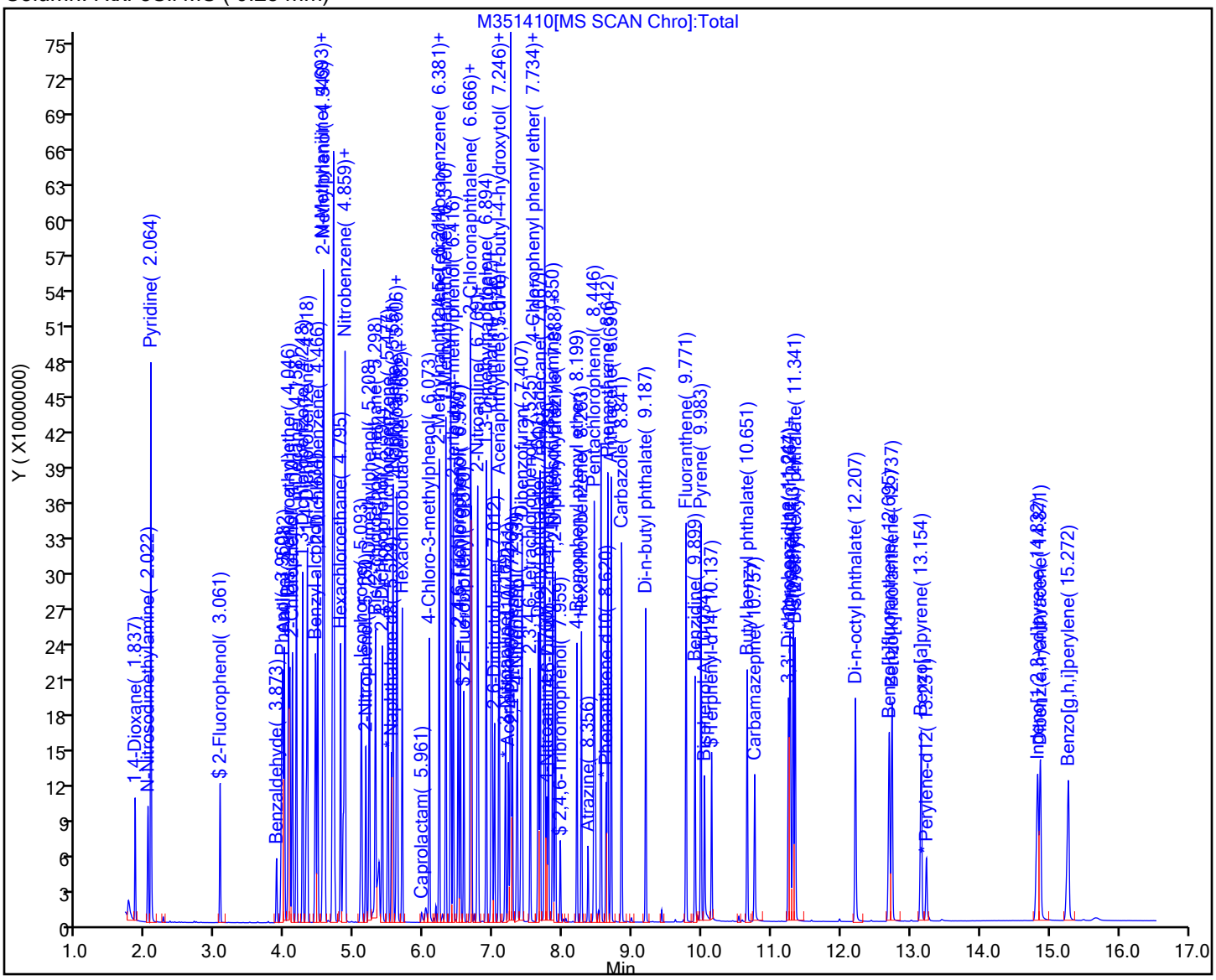
Client ID:

Operator ID: ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

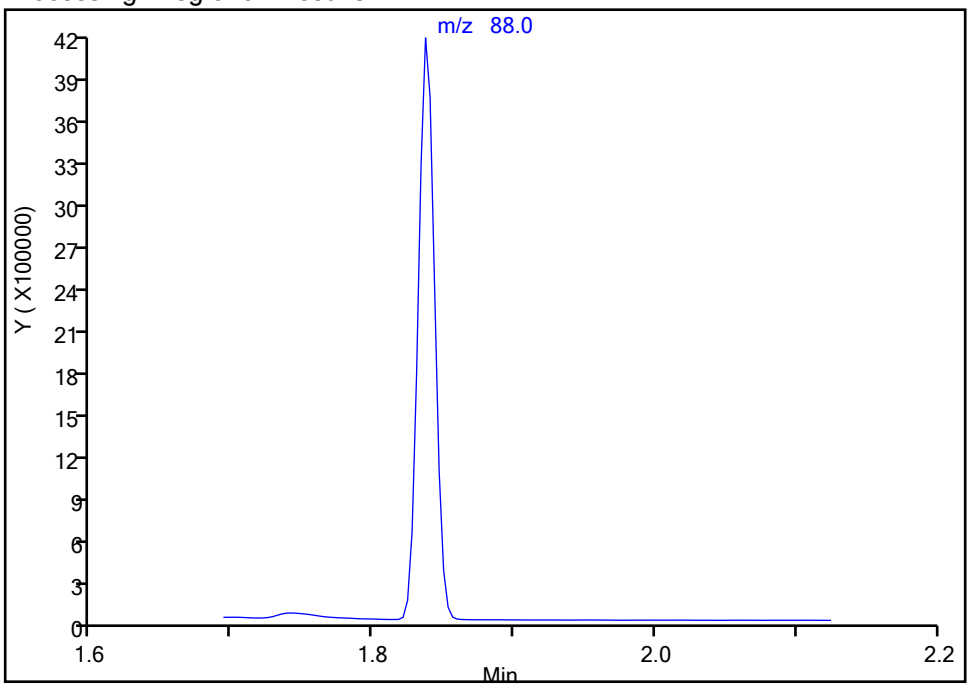
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

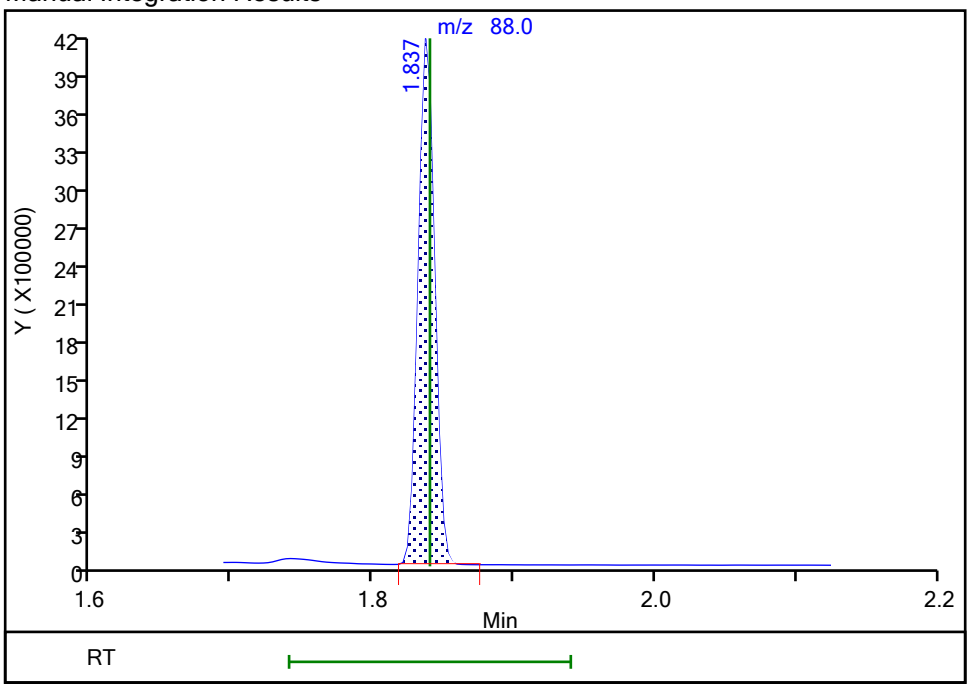
Not Detected
Expected RT: 1.84

Processing Integration Results



Manual Integration Results

RT: 1.84
Area: 3375144
Amount: 25.217287
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:04:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

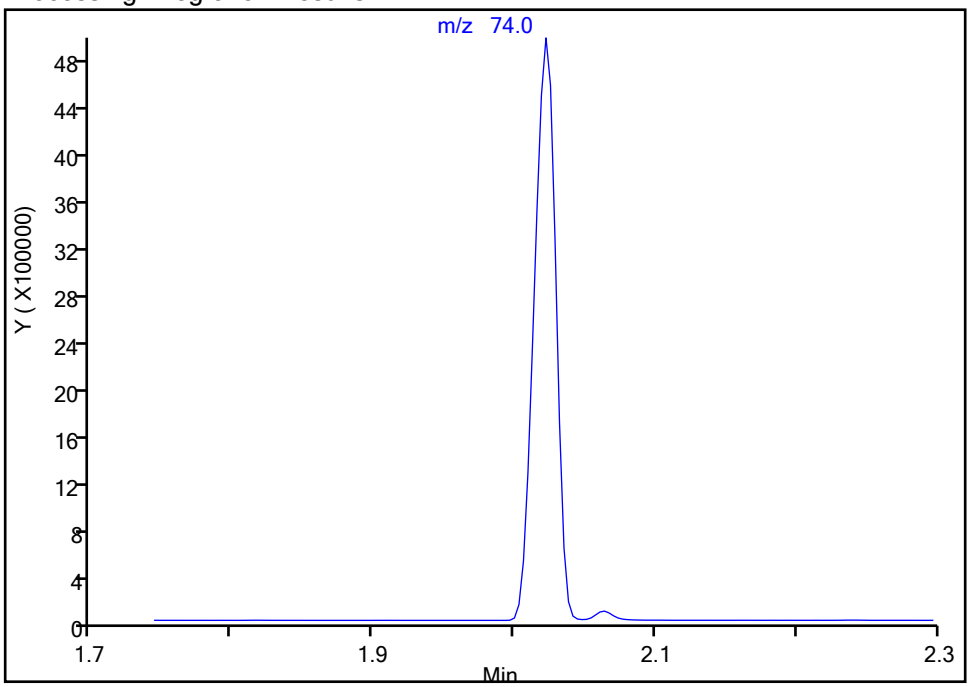
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

2 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

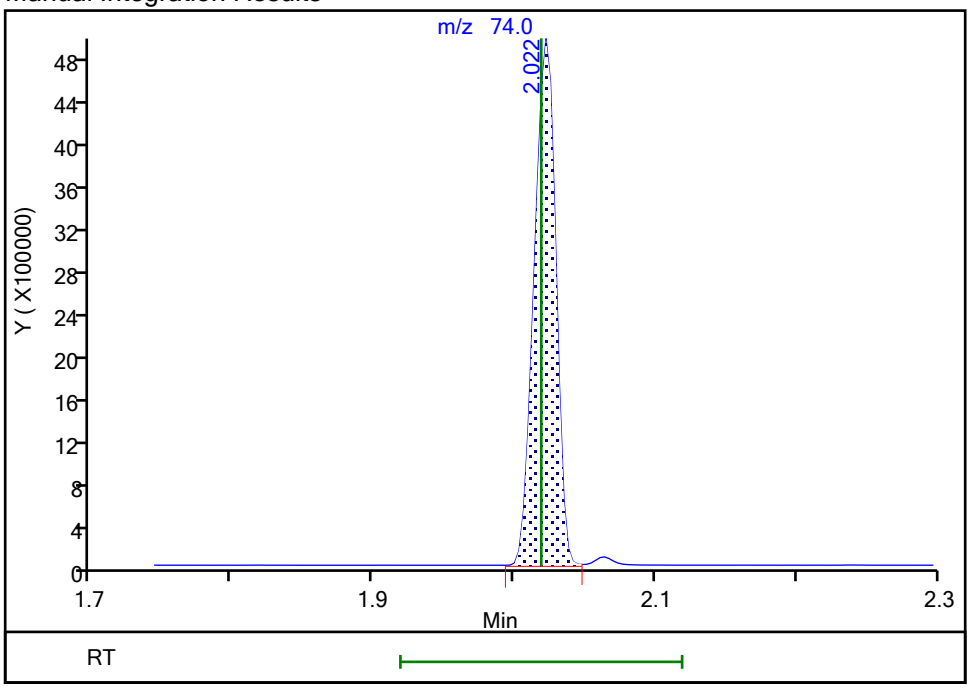
Not Detected
Expected RT: 2.02

Processing Integration Results



Manual Integration Results

RT: 2.02
Area: 5272088
Amount: 25.265387
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:04:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

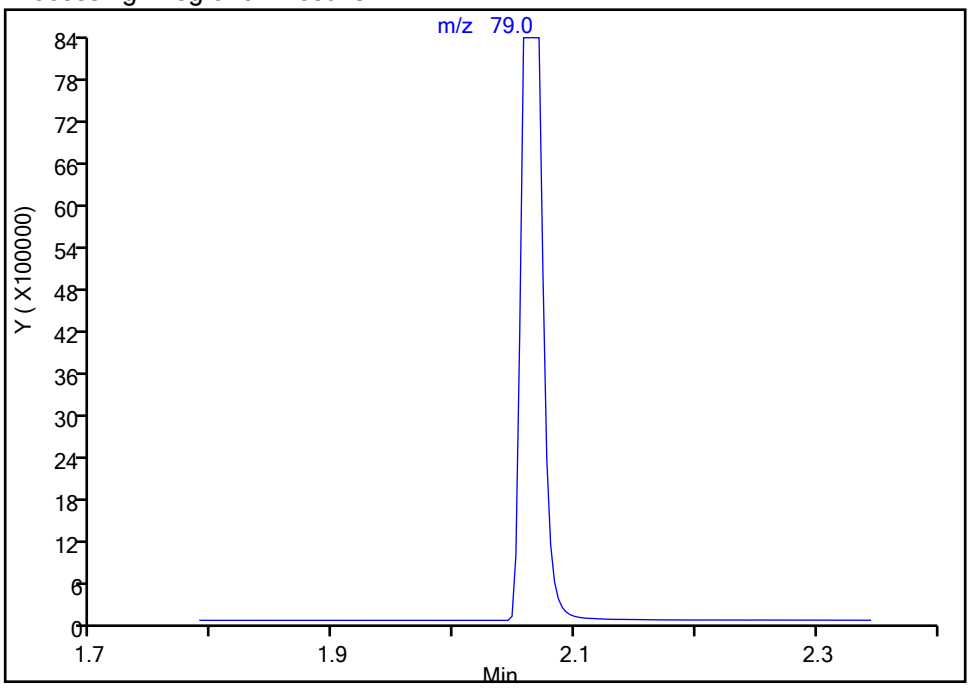
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

3 Pyridine, CAS: 110-86-1

Signal: 1

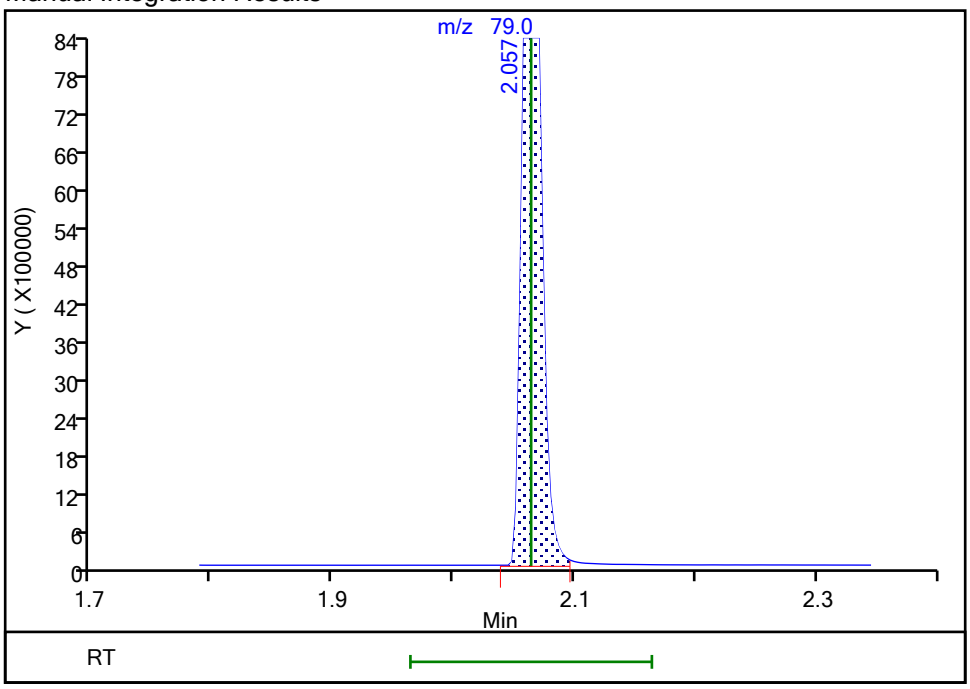
Not Detected
Expected RT: 2.06

Processing Integration Results



Manual Integration Results

RT: 2.06
Area: 10900951
Amount: 36.004667
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:04:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

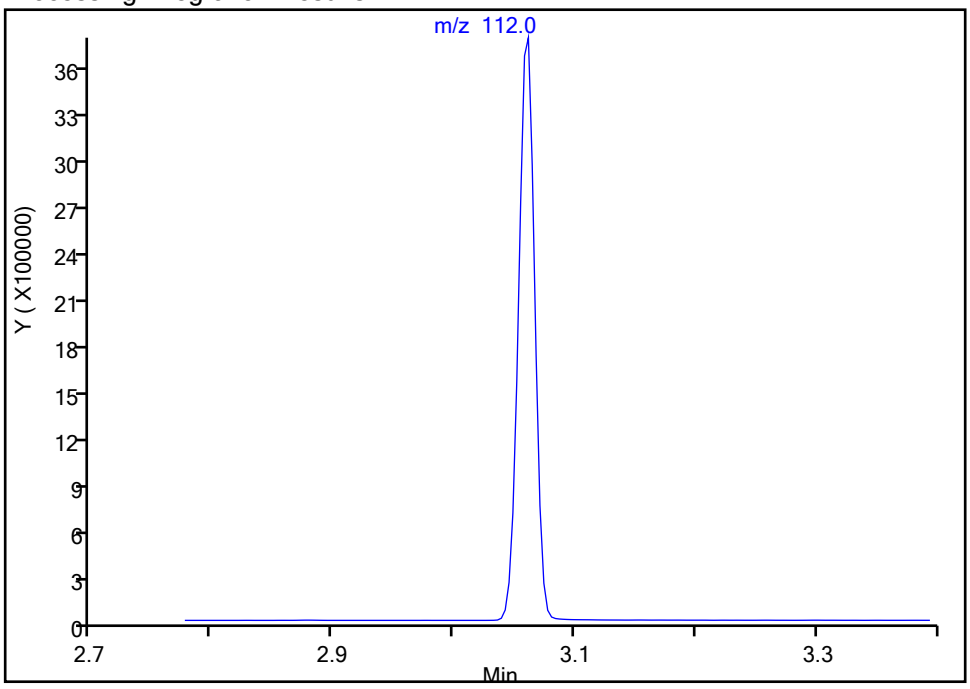
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 4 2-Fluorophenol, CAS: 367-12-4

Signal: 1

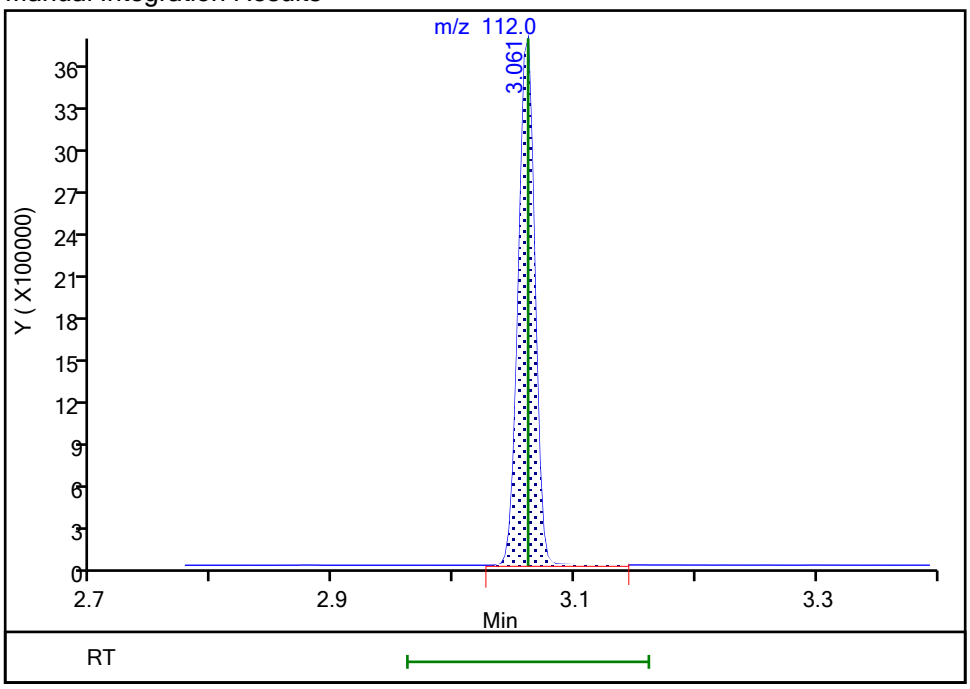
Not Detected
Expected RT: 3.06

Processing Integration Results



Manual Integration Results

RT: 3.06
Area: 3556888
Amount: 10.920585
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:04:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

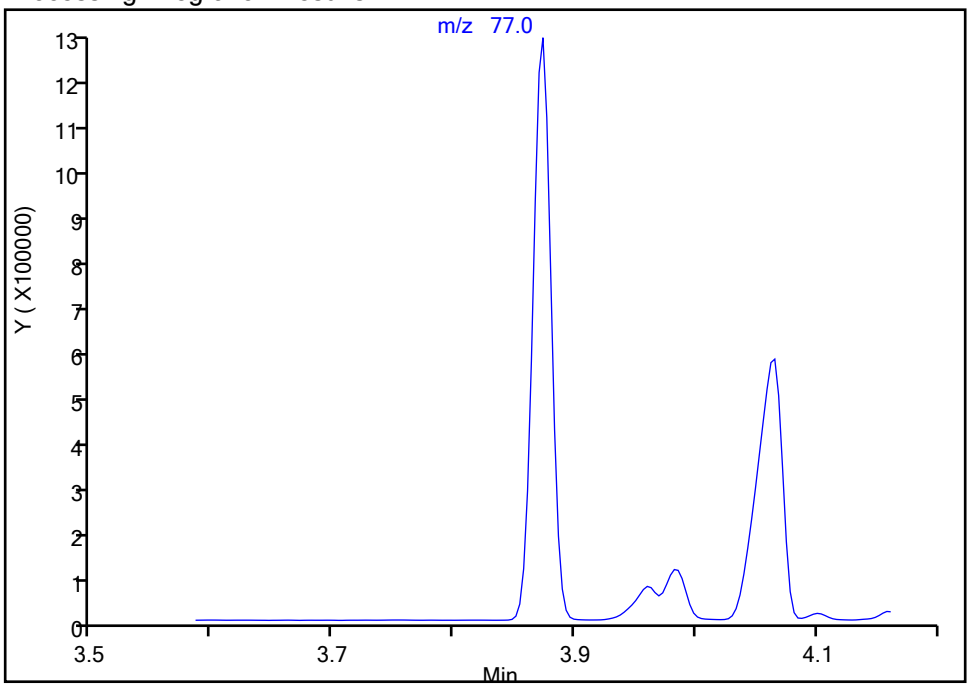
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

5 Benzaldehyde, CAS: 100-52-7

Signal: 1

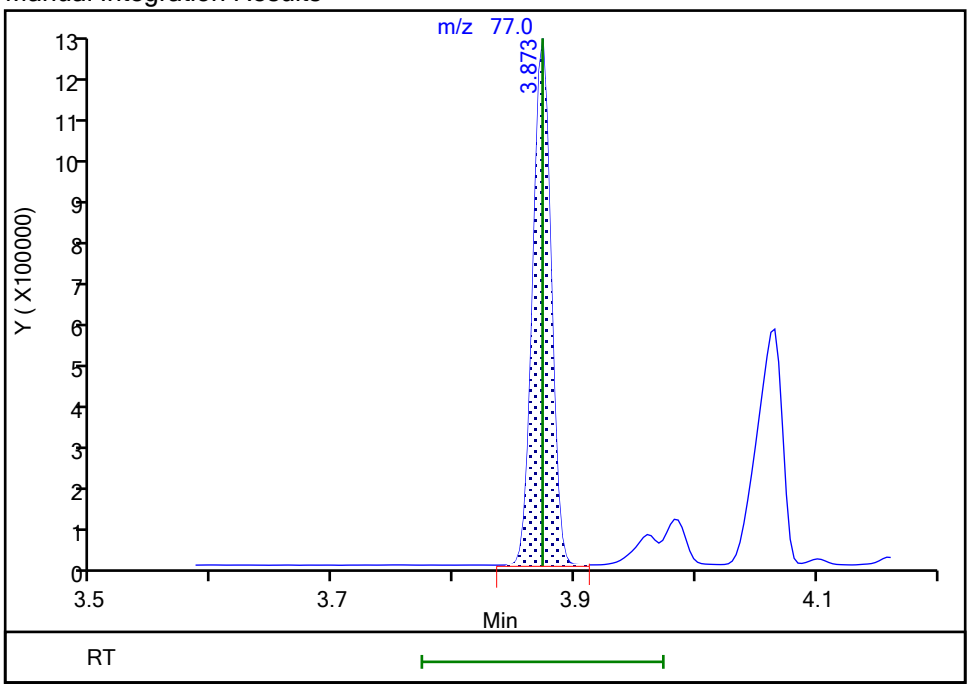
Not Detected
Expected RT: 3.87

Processing Integration Results



Manual Integration Results

RT: 3.87
Area: 1289459
Amount: 4.875141
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:04:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

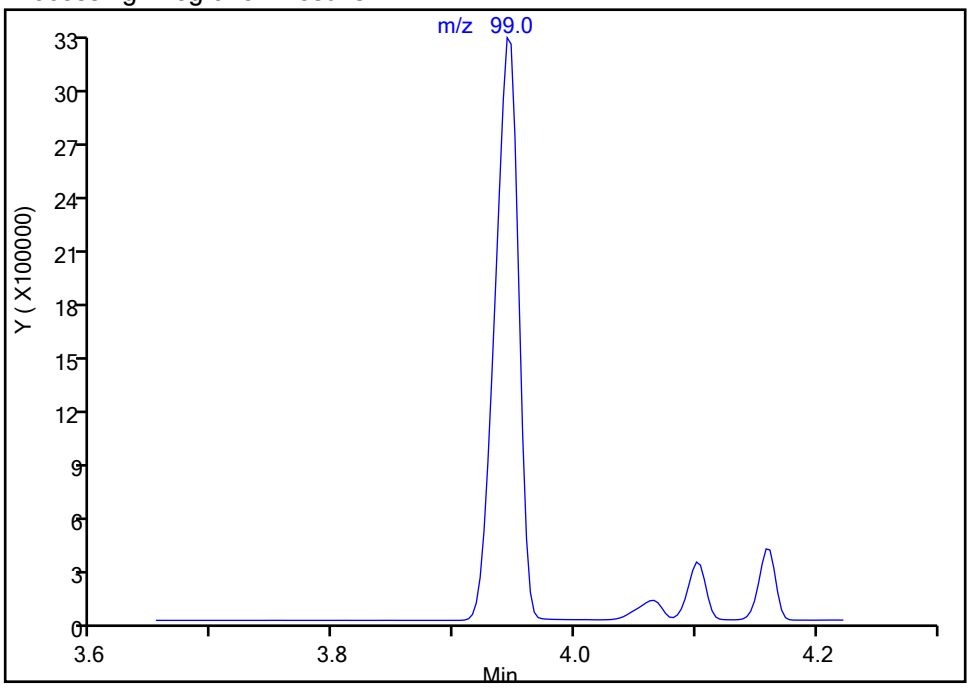
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 6 Phenol-d5, CAS: 4165-62-2

Signal: 1

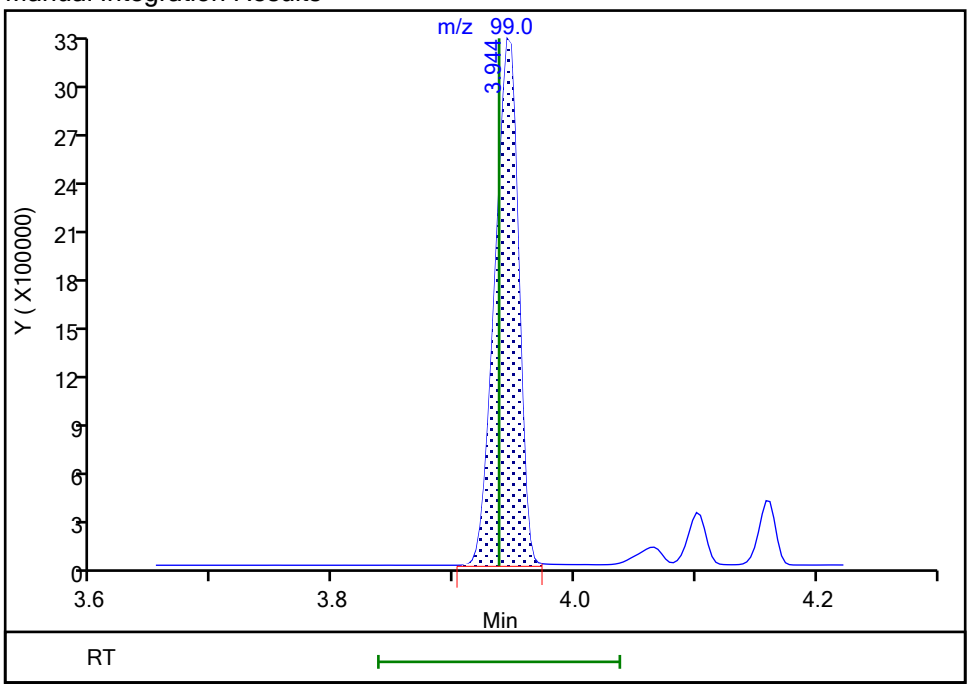
Not Detected
Expected RT: 3.94

Processing Integration Results



Manual Integration Results

RT: 3.94
Area: 4483230
Amount: 10.788324
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:04:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

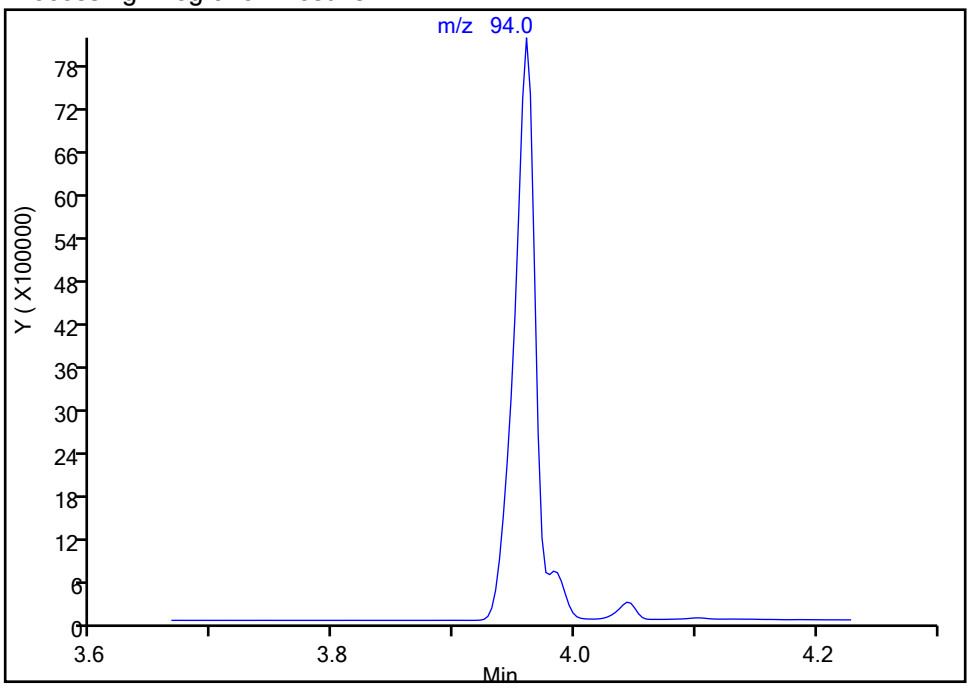
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

7 Phenol, CAS: 108-95-2

Signal: 1

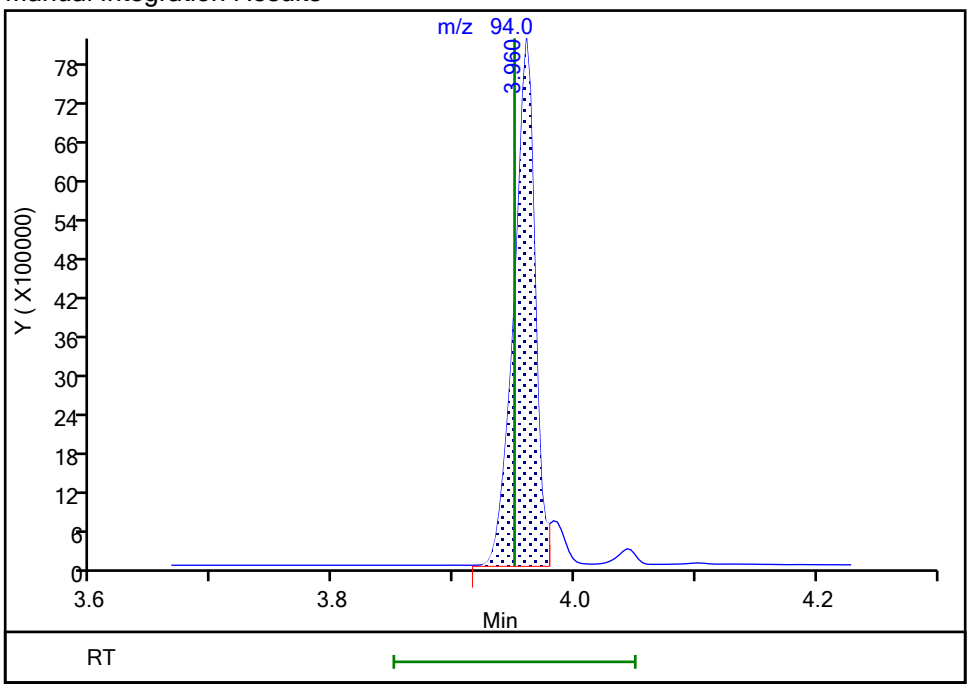
Not Detected
Expected RT: 3.95

Processing Integration Results



Manual Integration Results

RT: 3.96
Area: 9897103
Amount: 25.473889
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:04:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

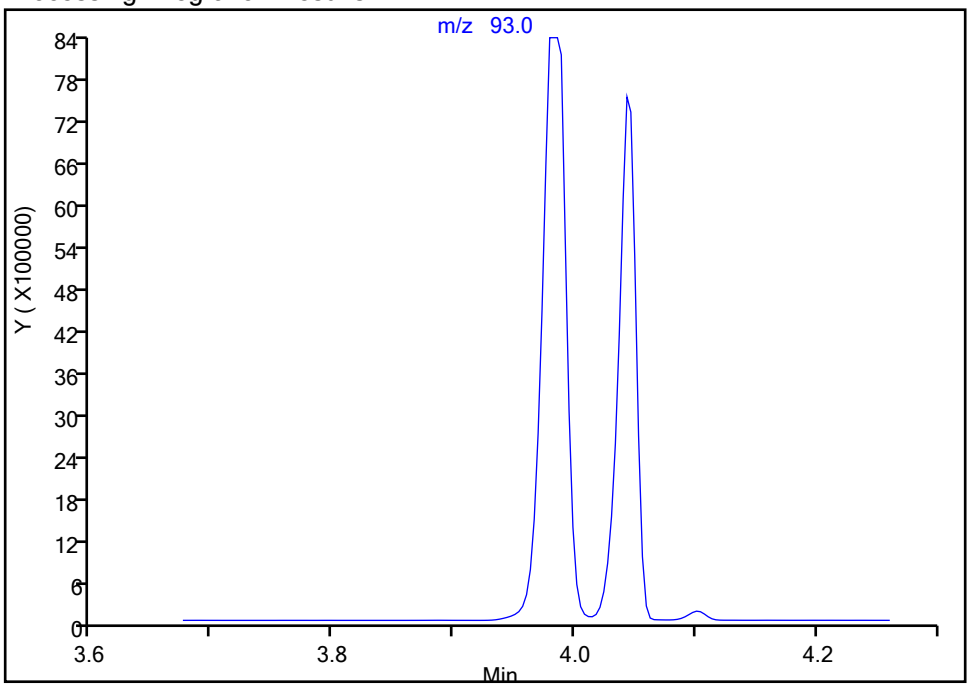
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

8 Aniline, CAS: 62-53-3

Signal: 1

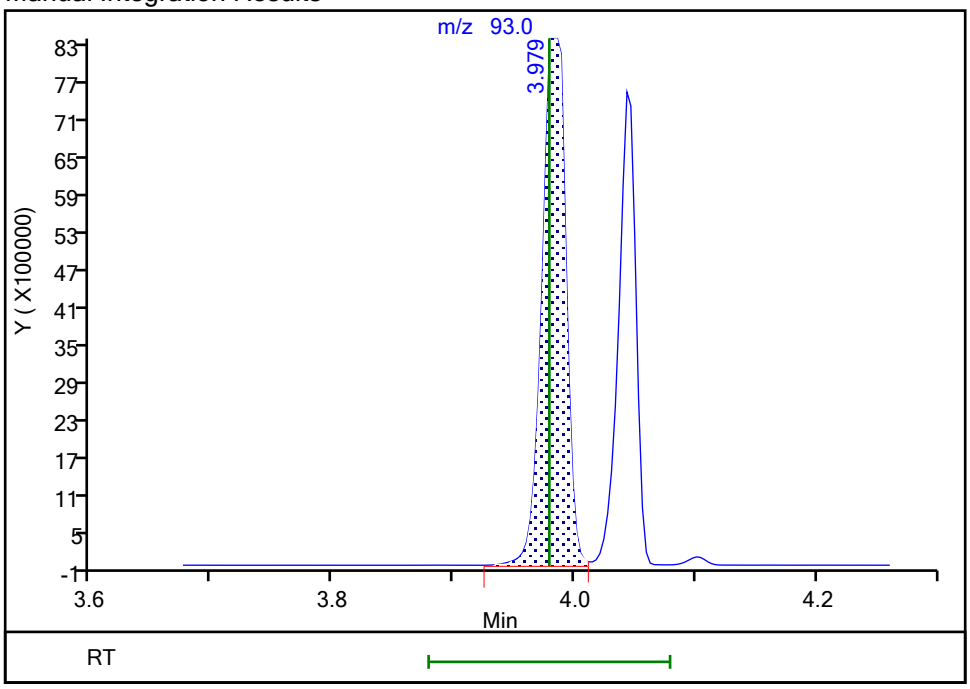
Not Detected
Expected RT: 3.98

Processing Integration Results



Manual Integration Results

RT: 3.98
Area: 11688557
Amount: 24.318240
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:04:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

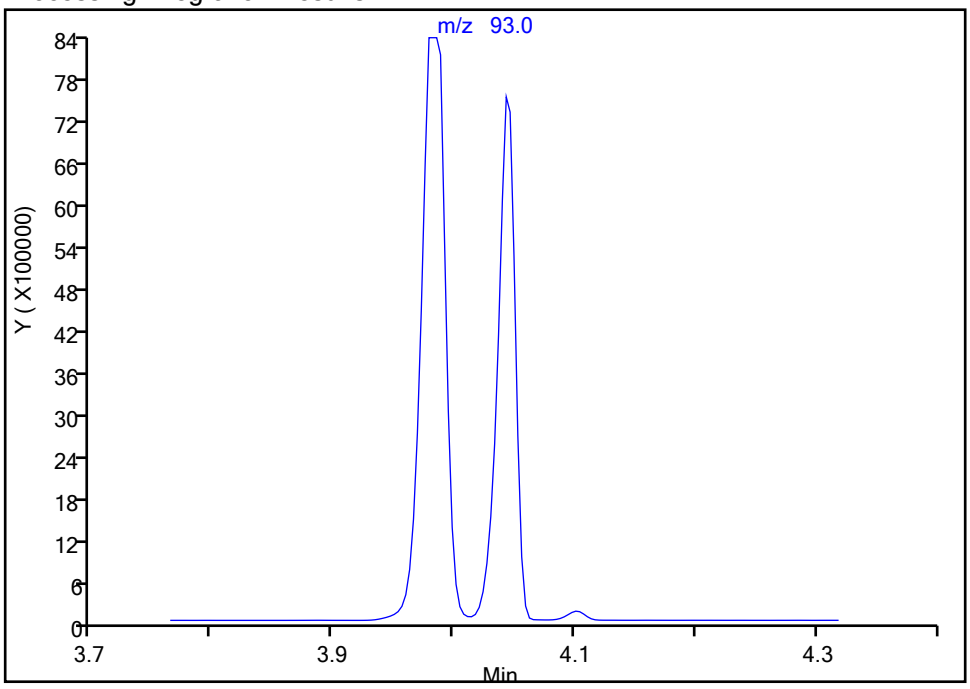
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

9 Bis(2-chloroethyl)ether, CAS: 111-44-4

Signal: 1

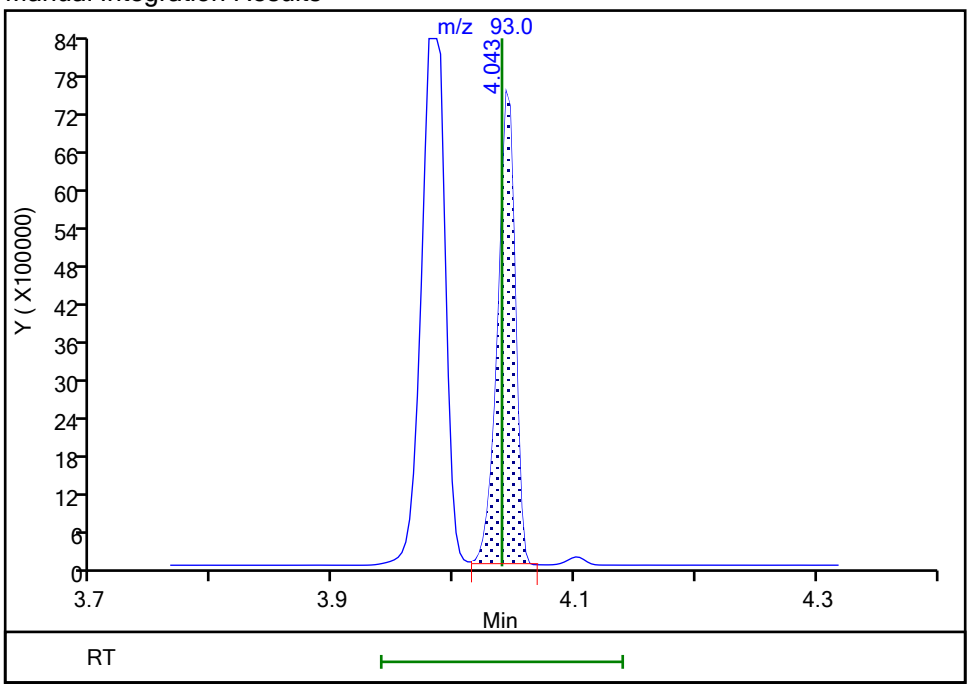
Not Detected
Expected RT: 4.04

Processing Integration Results



Manual Integration Results

RT: 4.04
Area: 7597193
Amount: 24.558815
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:04:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

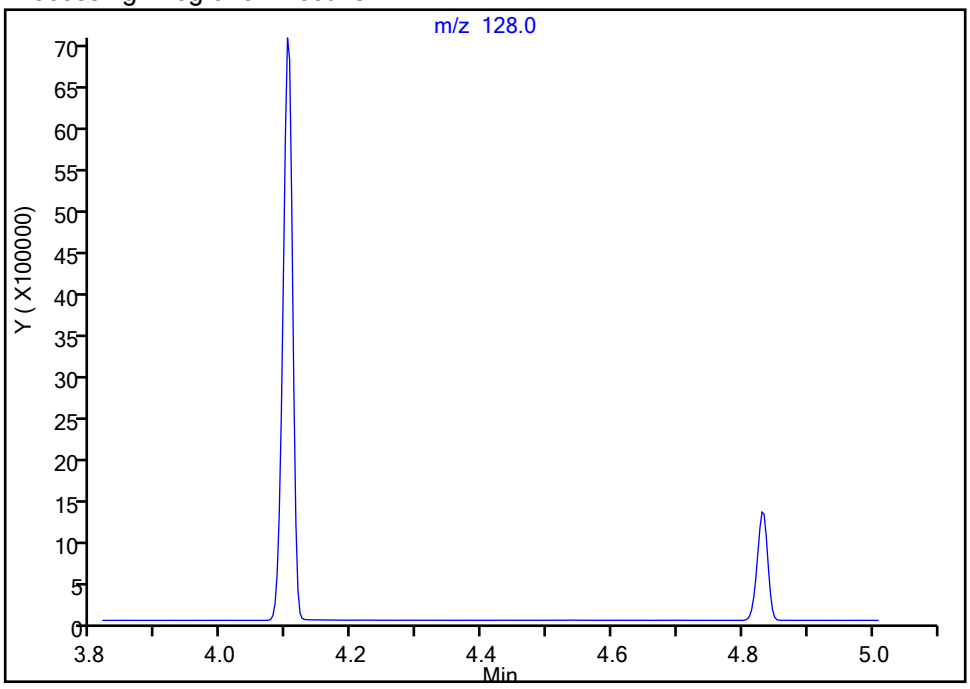
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

11 2-Chlorophenol, CAS: 95-57-8

Signal: 1

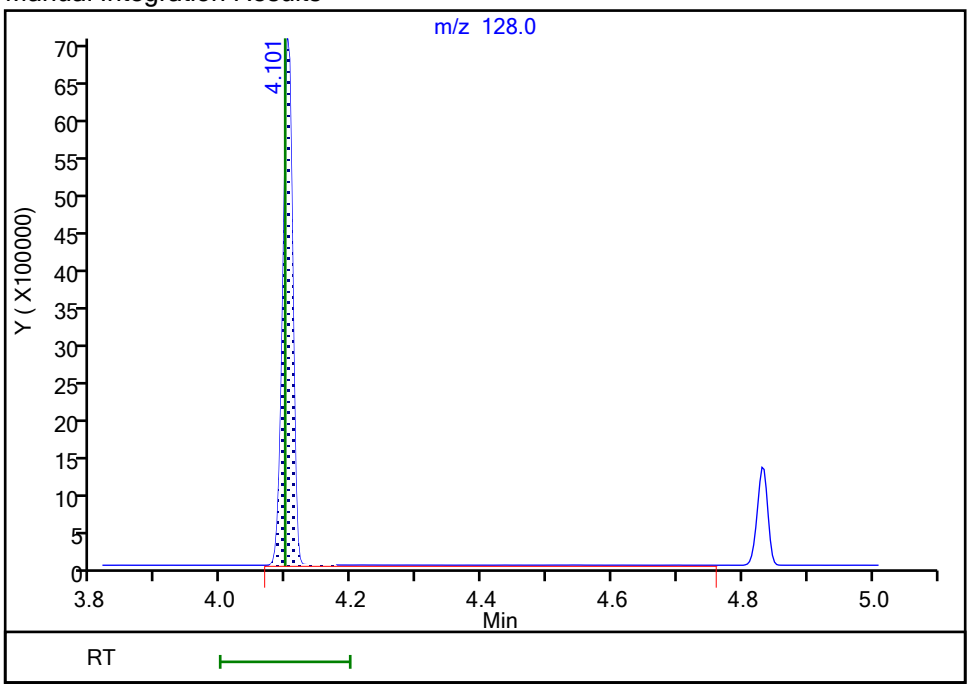
Not Detected
Expected RT: 4.10

Processing Integration Results



Manual Integration Results

RT: 4.10
Area: 7369882
Amount: 24.637196
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:04:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

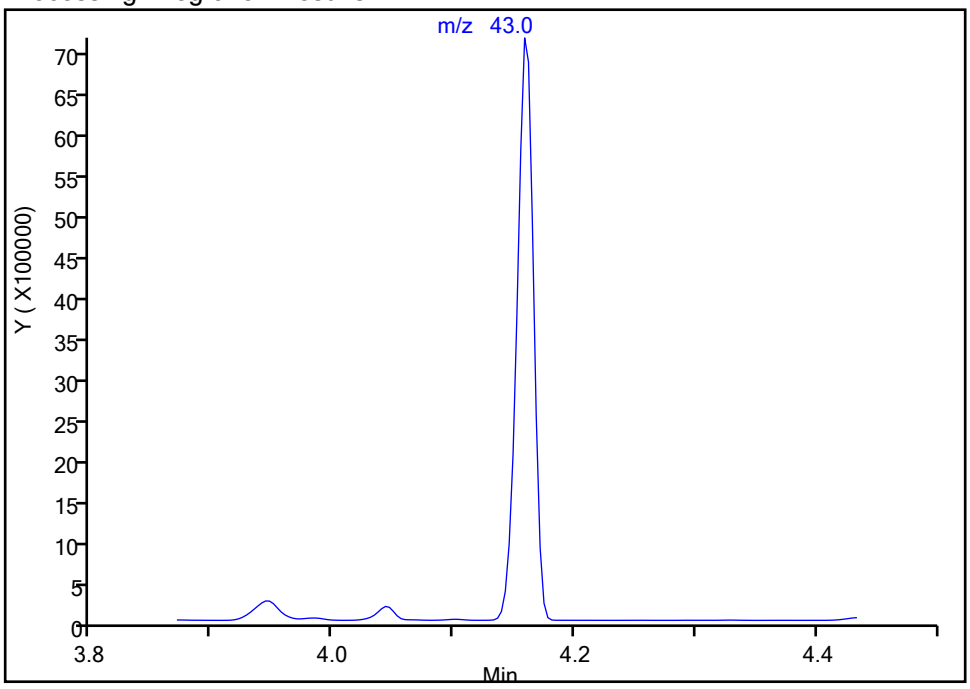
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

13 n-Decane, CAS: 124-18-5

Signal: 1

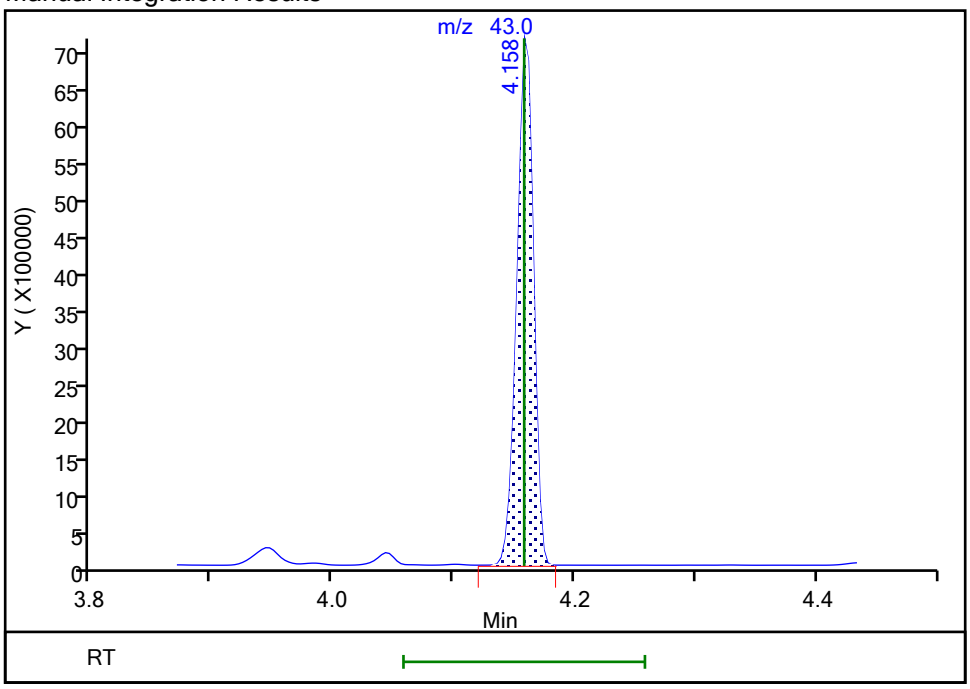
Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results

RT: 4.16
Area: 6823901
Amount: 24.148961
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:04:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

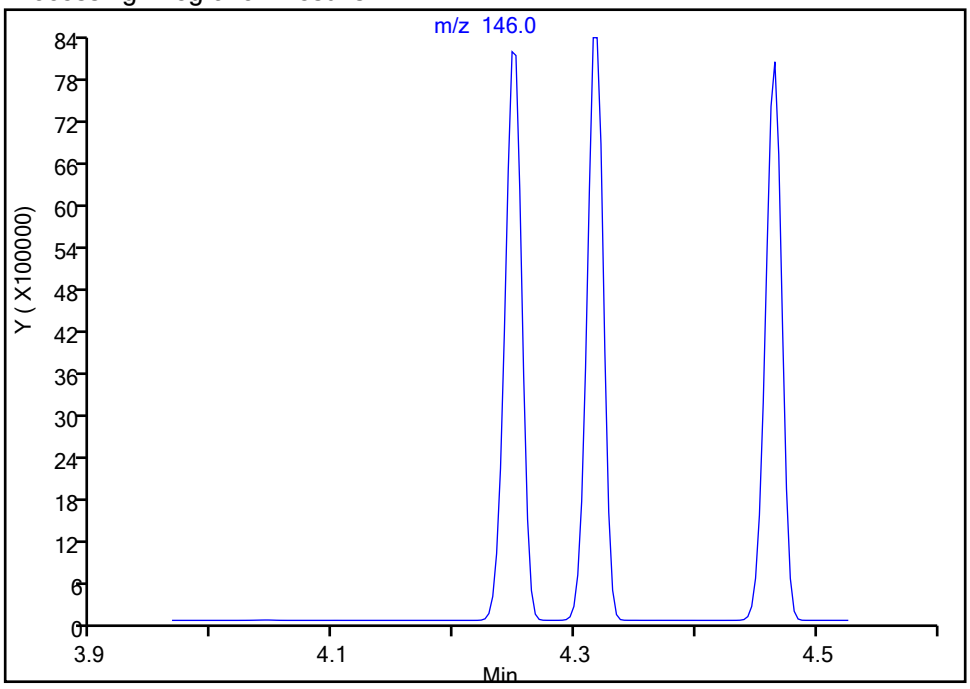
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

14 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

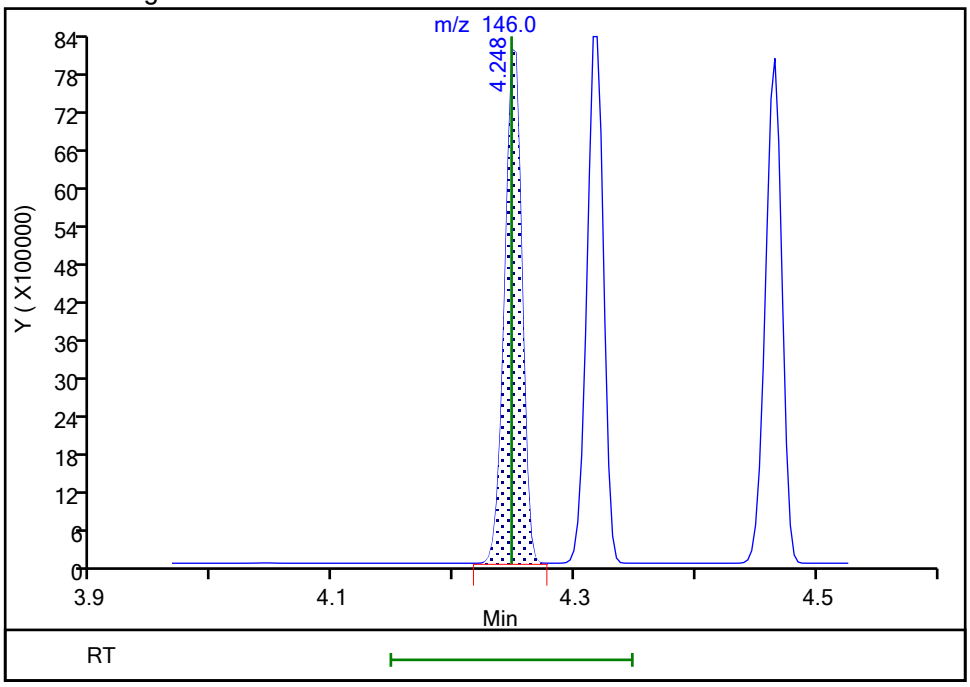
Not Detected
Expected RT: 4.25

Processing Integration Results



Manual Integration Results

RT: 4.25
Area: 8114173
Amount: 24.507530
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

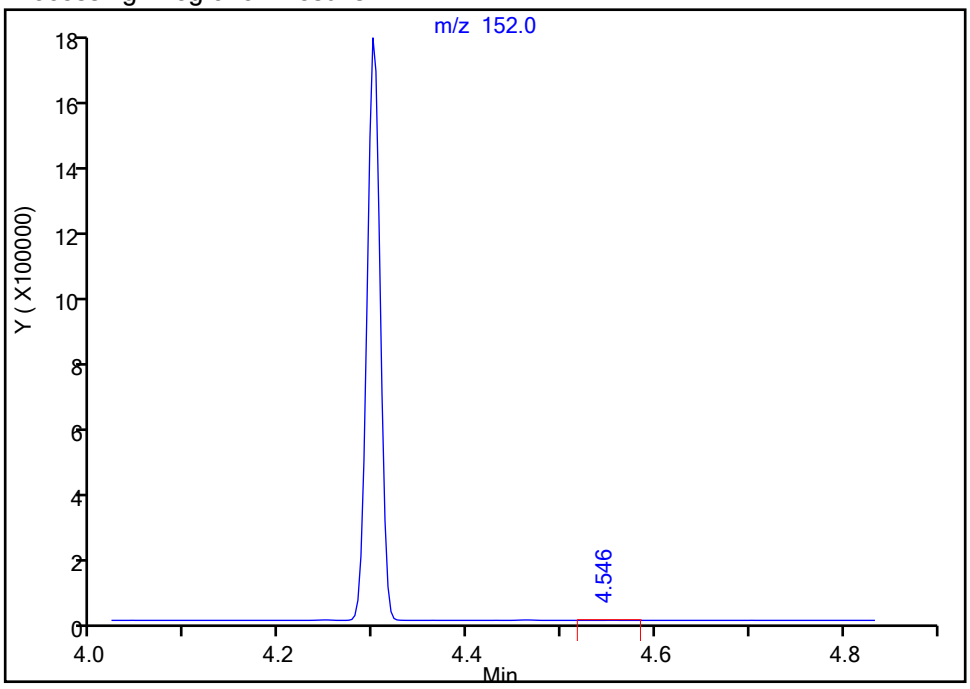
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

* 15 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

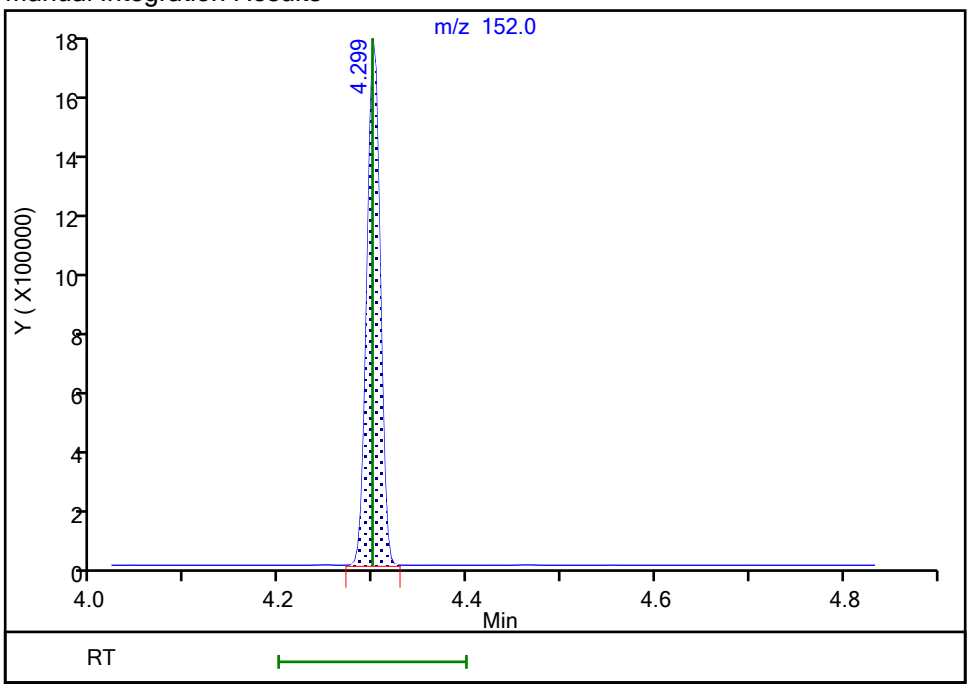
Processing Integration Results

RT: 4.55
Area: 145
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 4.30
Area: 1691016
Amount: 8.000000
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

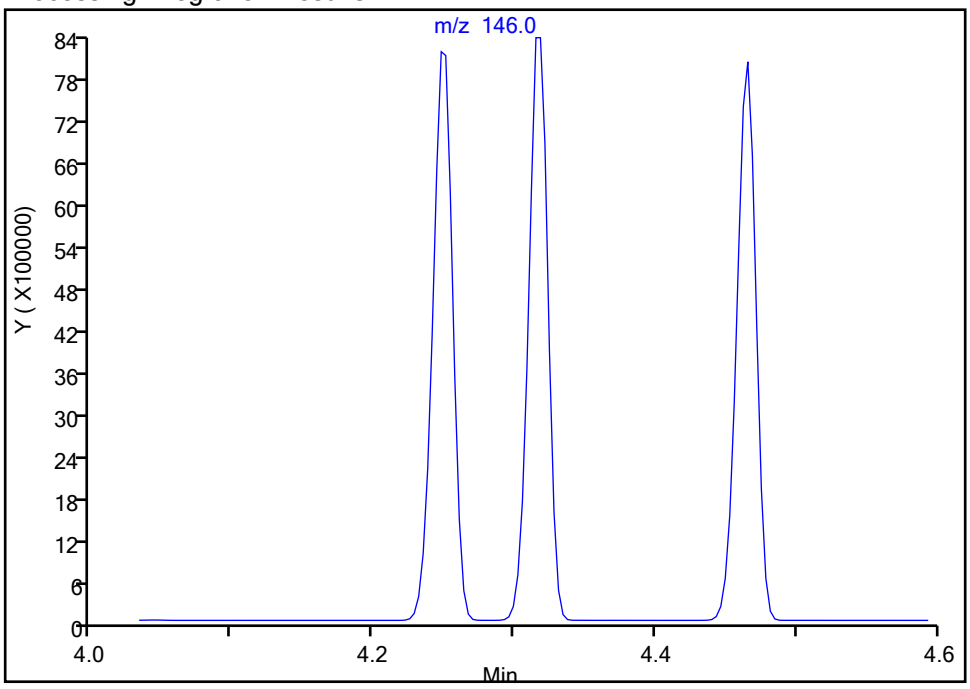
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

16 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

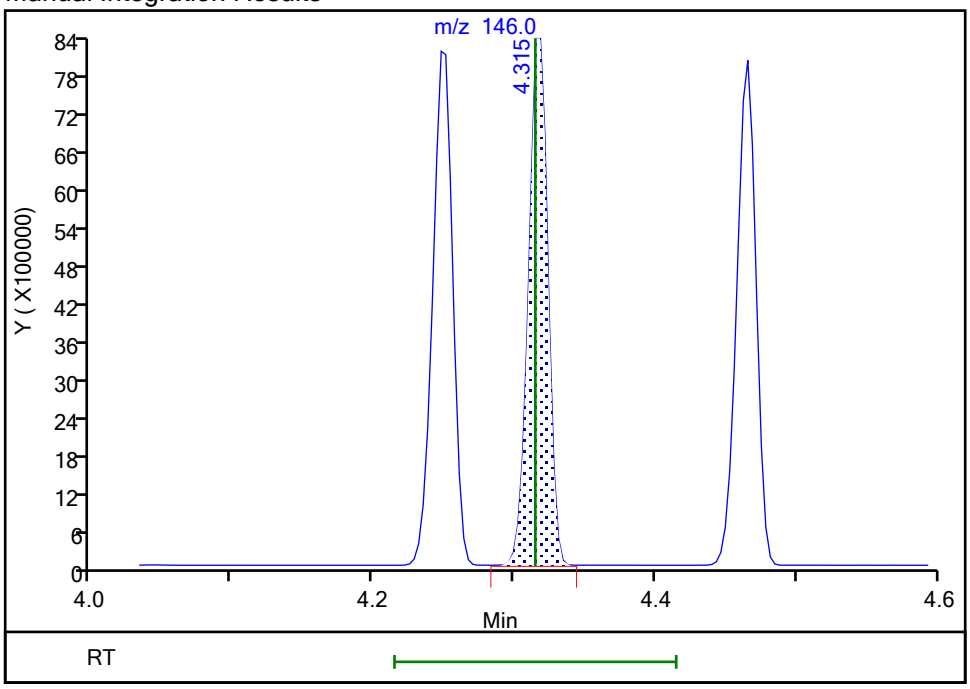
Not Detected
Expected RT: 4.31

Processing Integration Results



Manual Integration Results

RT: 4.32
Area: 8083612
Amount: 23.909330
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

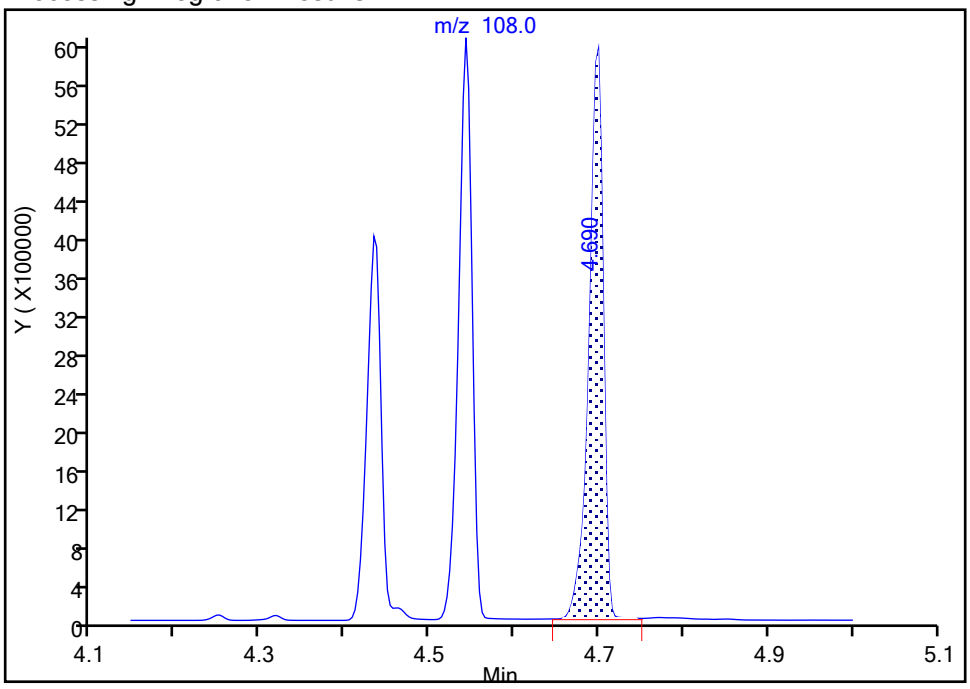
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

17 Benzyl alcohol, CAS: 100-51-6

Signal: 1

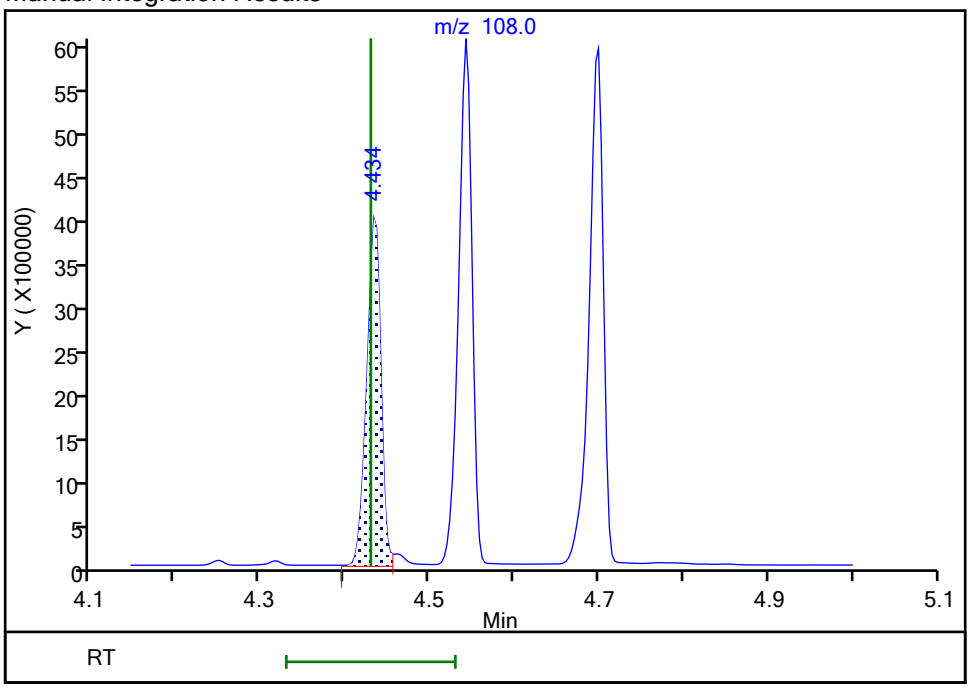
Processing Integration Results

RT: 4.69
Area: 6928736
Amount: 24.000000
Amount Units: ug/ml



Manual Integration Results

RT: 4.43
Area: 4674557
Amount: 25.215528
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

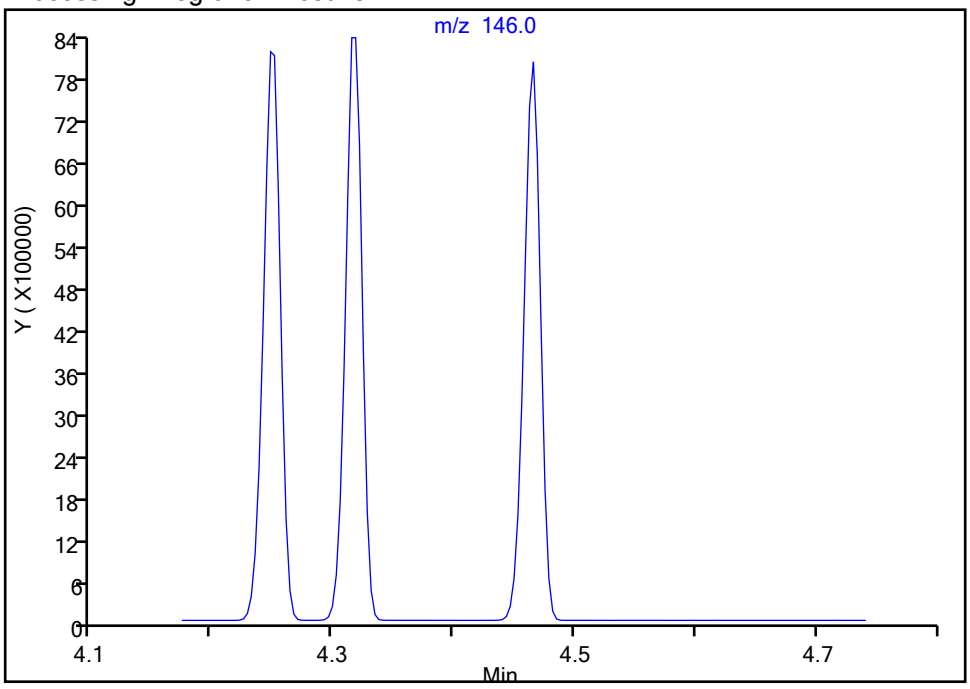
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

19 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

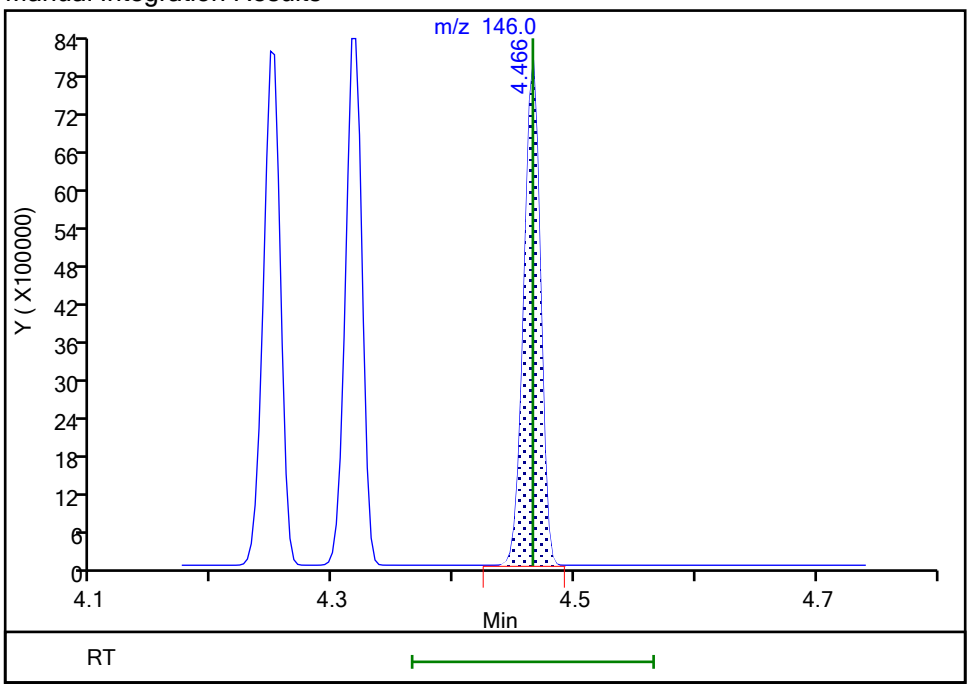
Not Detected
Expected RT: 4.47

Processing Integration Results



Manual Integration Results

RT: 4.47
Area: 7657417
Amount: 24.436281
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

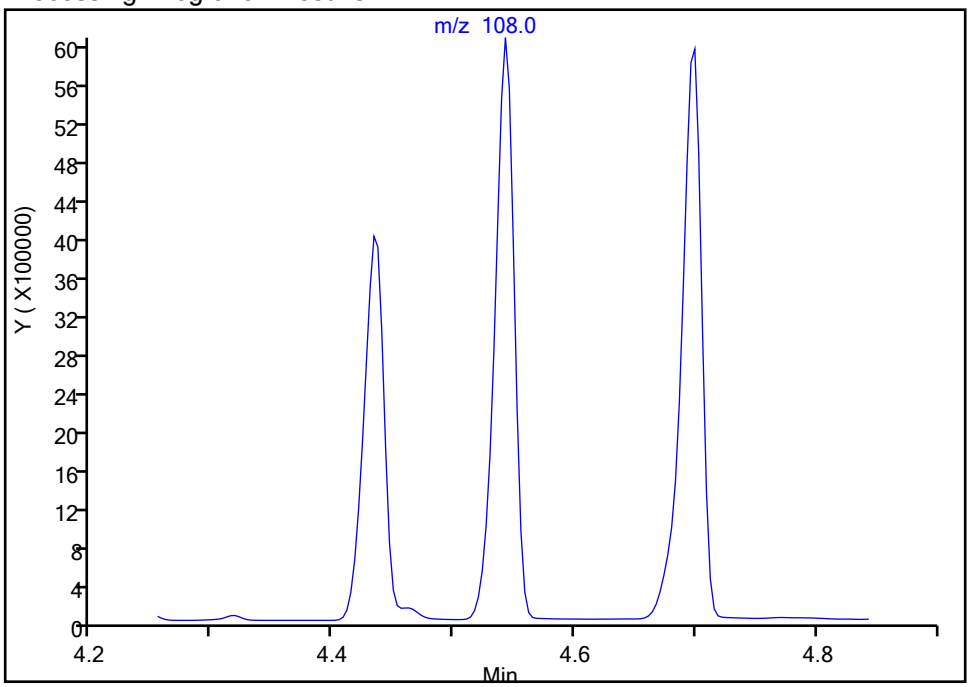
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

20 2-Methylphenol, CAS: 95-48-7

Signal: 1

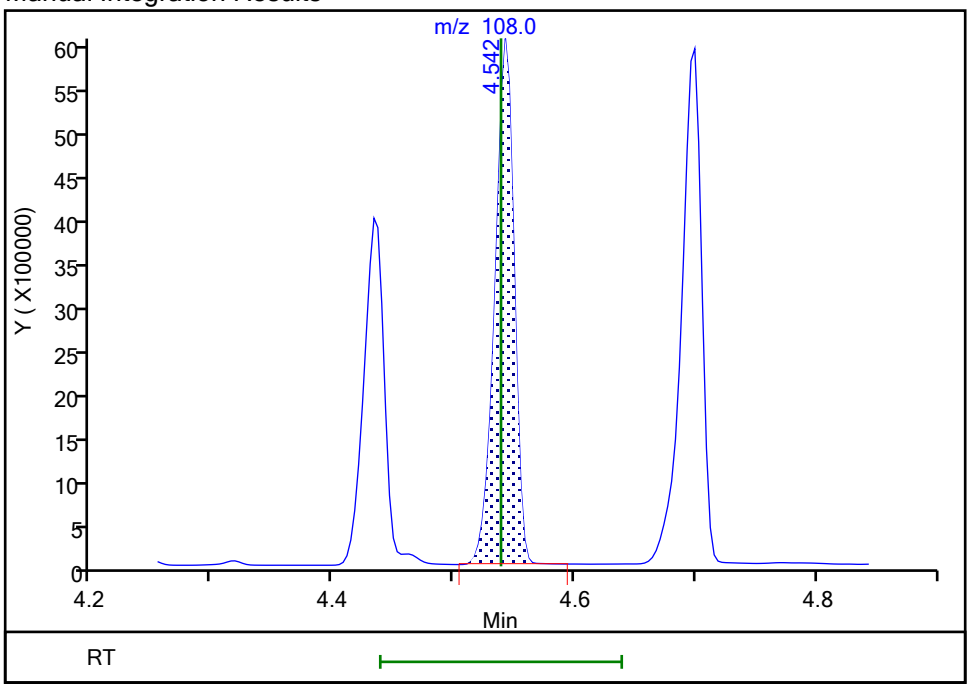
Not Detected
Expected RT: 4.54

Processing Integration Results



Manual Integration Results

RT: 4.54
Area: 6754916
Amount: 24.617259
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

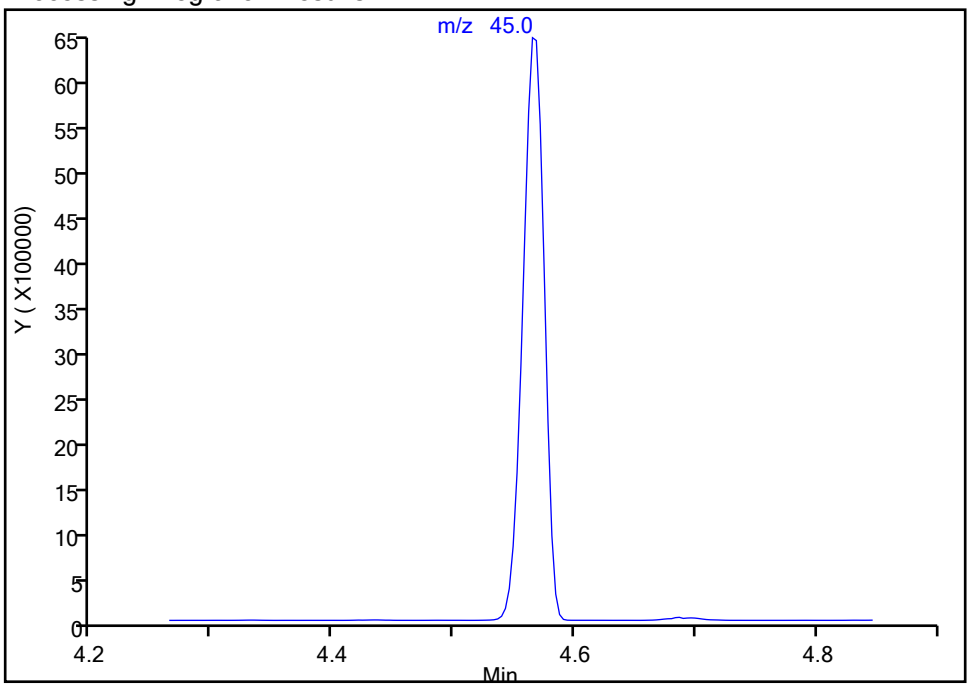
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

21 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

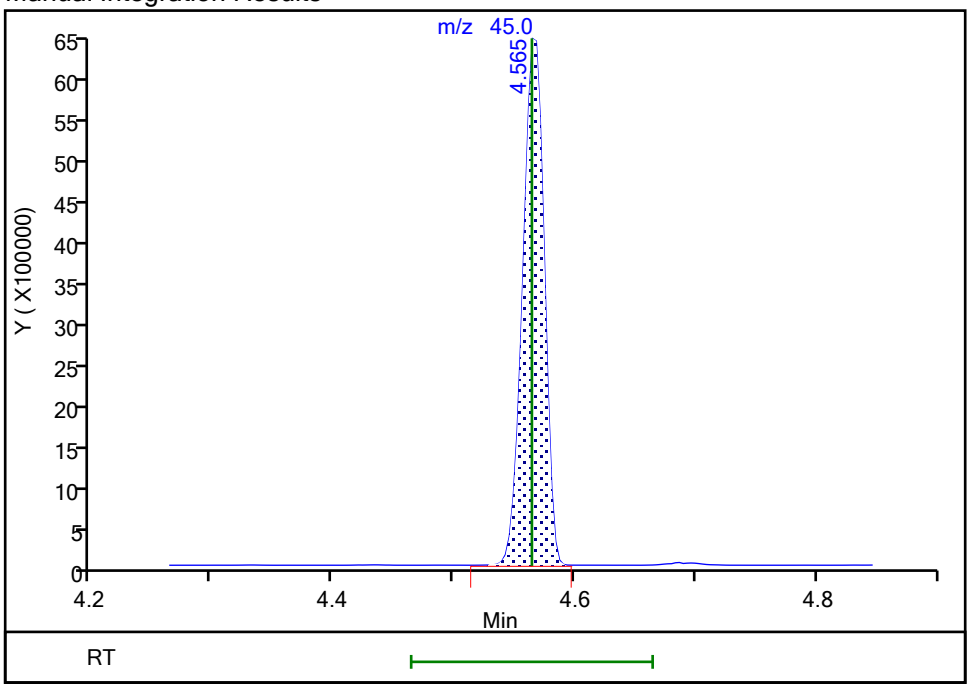
Not Detected
Expected RT: 4.56

Processing Integration Results



Manual Integration Results

RT: 4.56
Area: 7914919
Amount: 22.143547
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

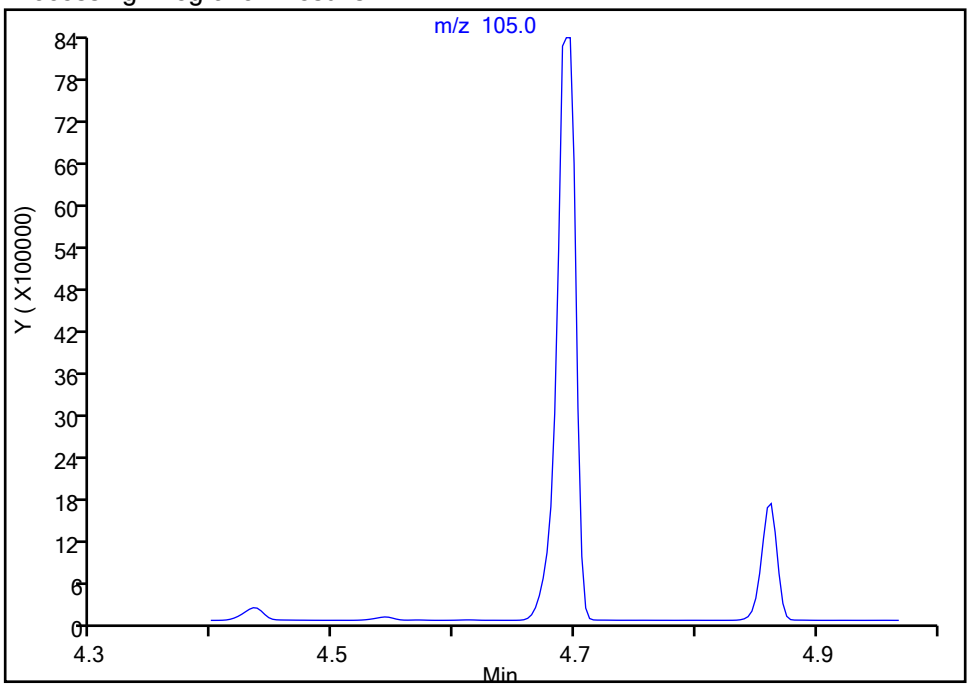
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

26 Acetophenone, CAS: 98-86-2

Signal: 1

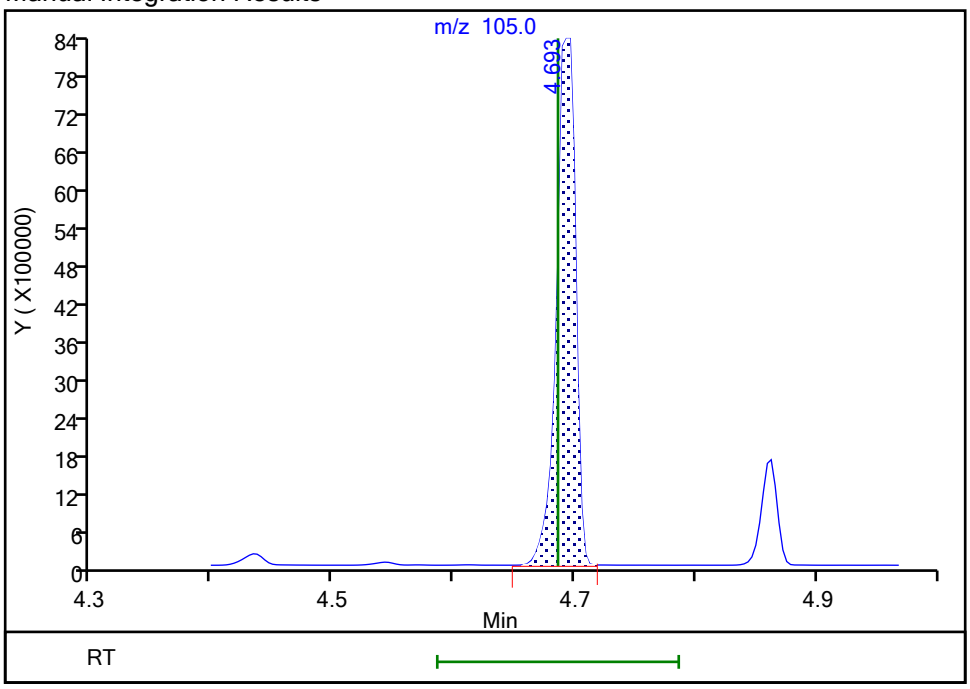
Not Detected
Expected RT: 4.69

Processing Integration Results



Manual Integration Results

RT: 4.69
Area: 9216756
Amount: 22.056322
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

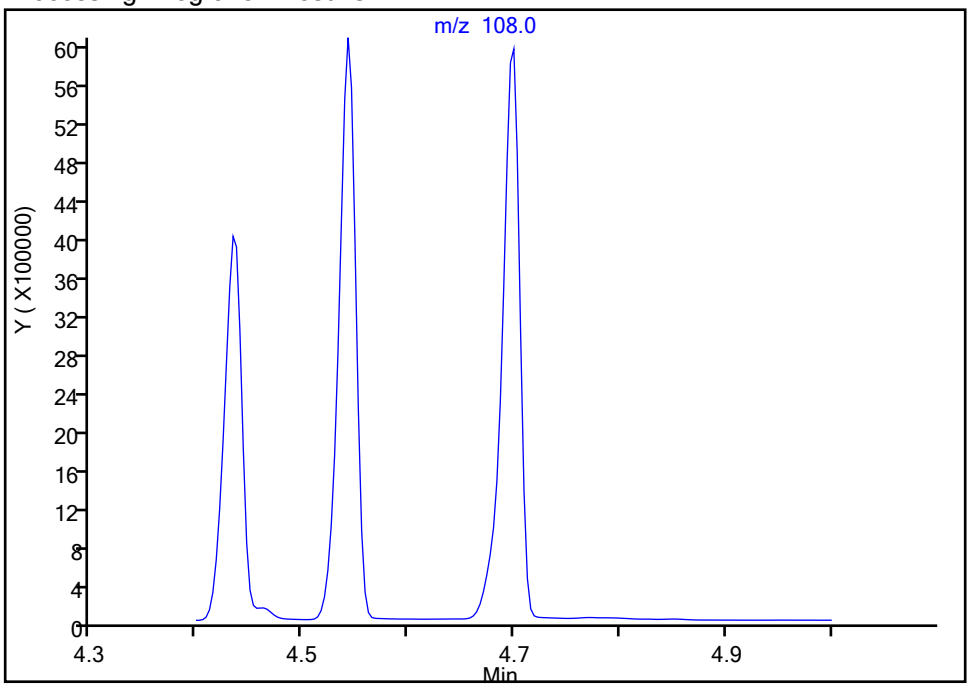
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

23 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

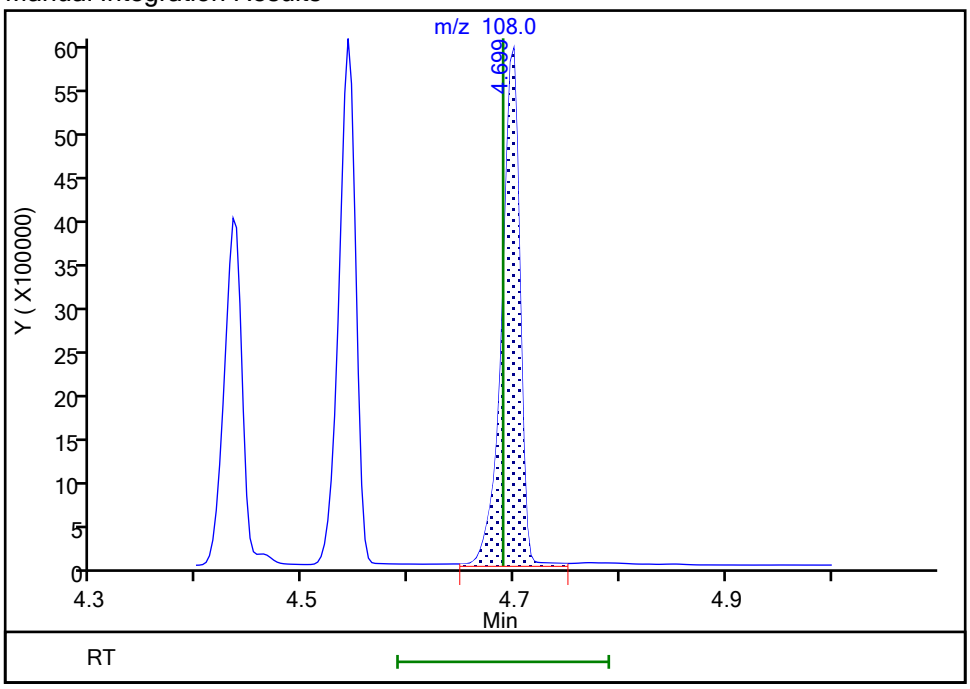
Not Detected
Expected RT: 4.69

Processing Integration Results



Manual Integration Results

RT: 4.70
Area: 7040917
Amount: 23.373115
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

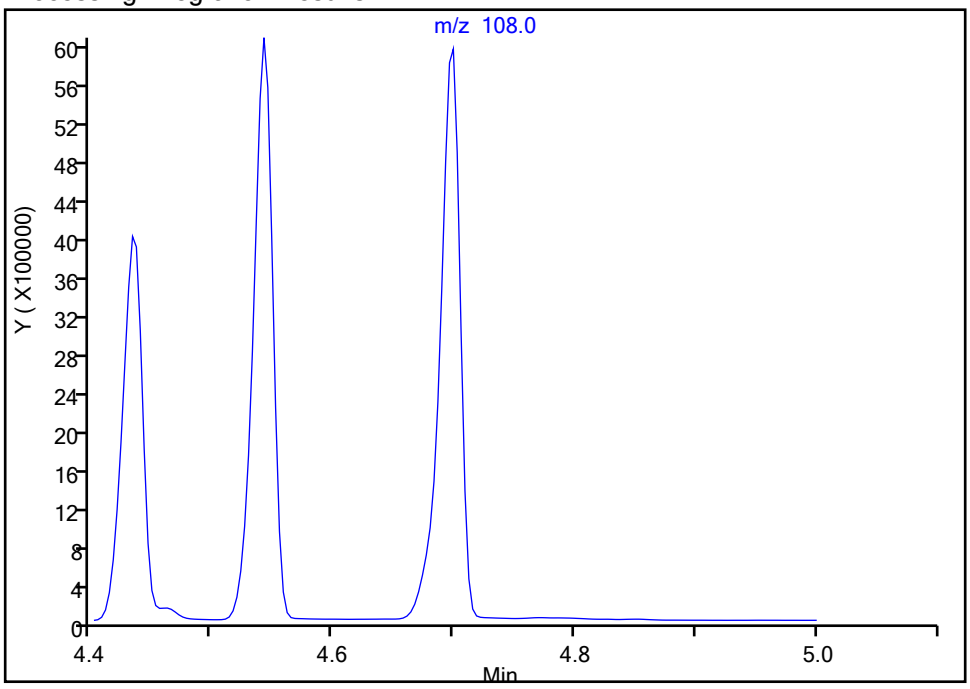
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

22 4-Methylphenol, CAS: 106-44-5

Signal: 1

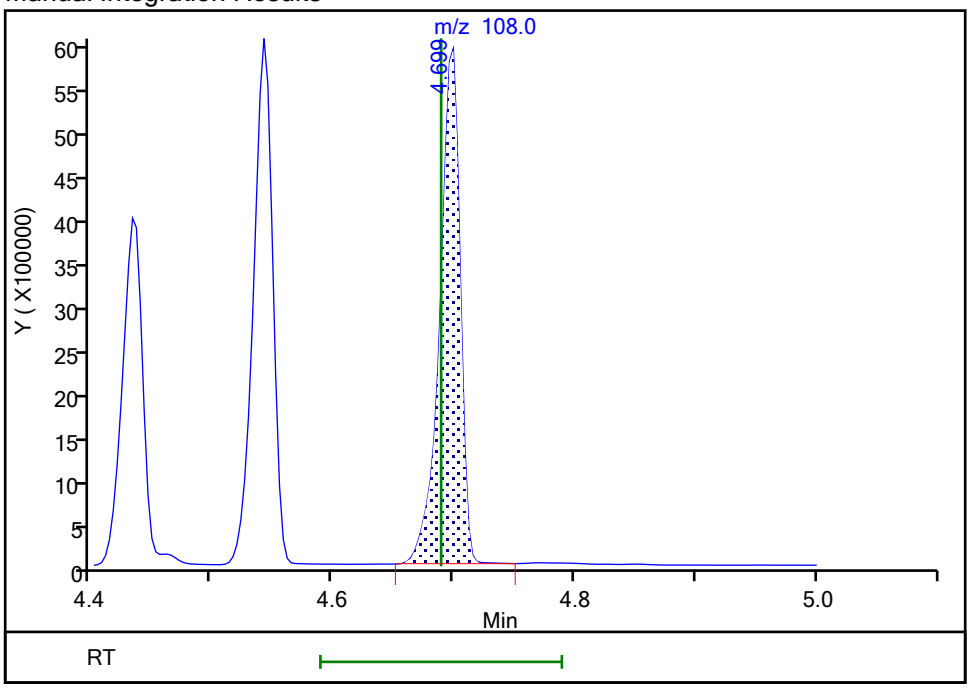
Not Detected
Expected RT: 4.69

Processing Integration Results



Manual Integration Results

RT: 4.70
Area: 6947695
Amount: 23.295950
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

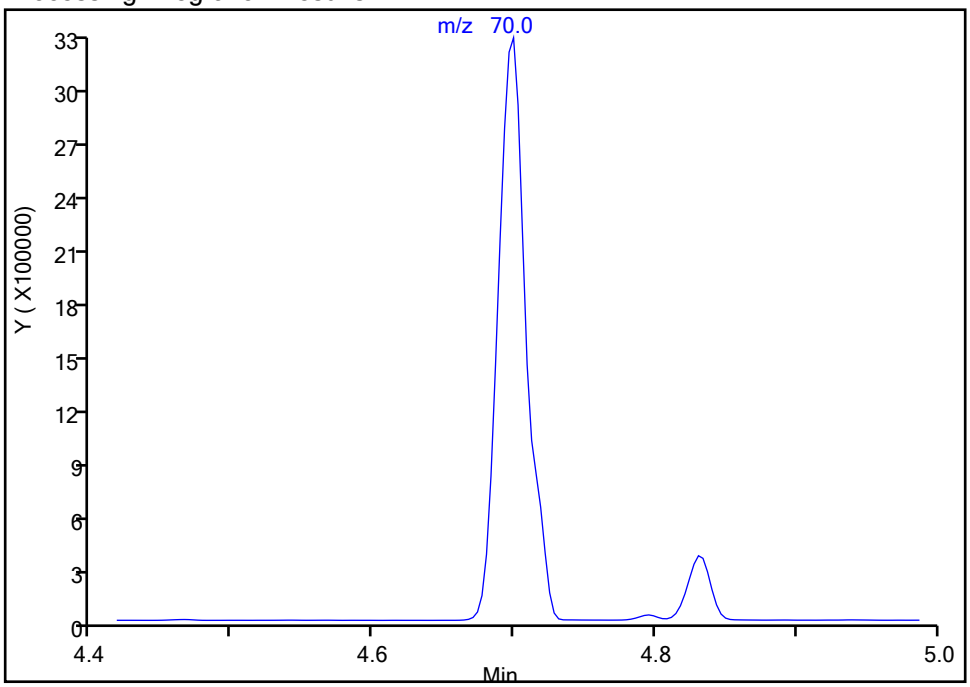
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

25 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

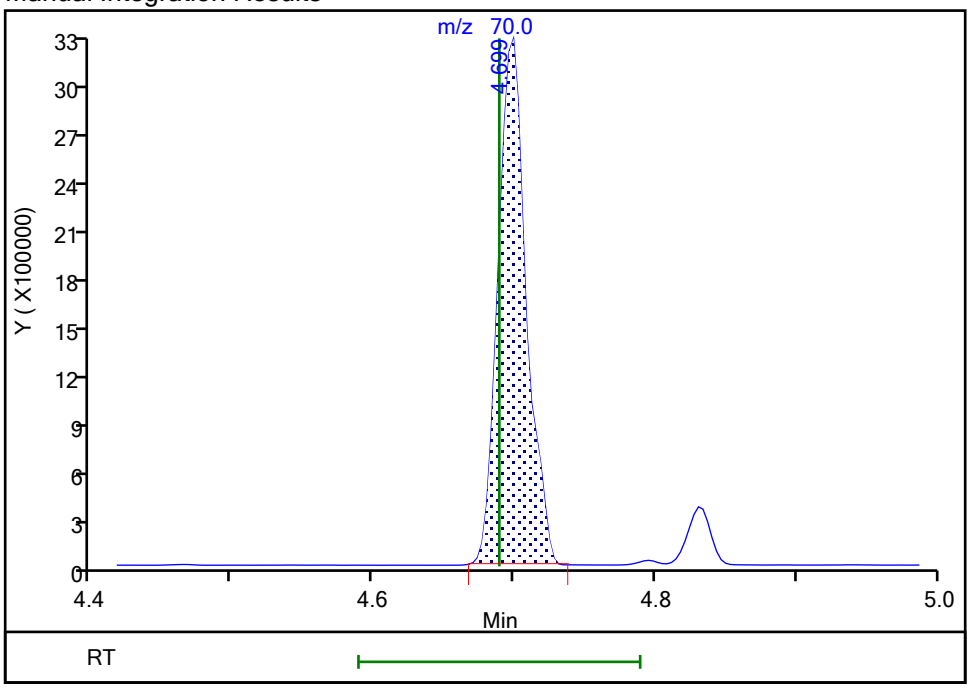
Not Detected
Expected RT: 4.69

Processing Integration Results



Manual Integration Results

RT: 4.70
Area: 4482773
Amount: 21.935682
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

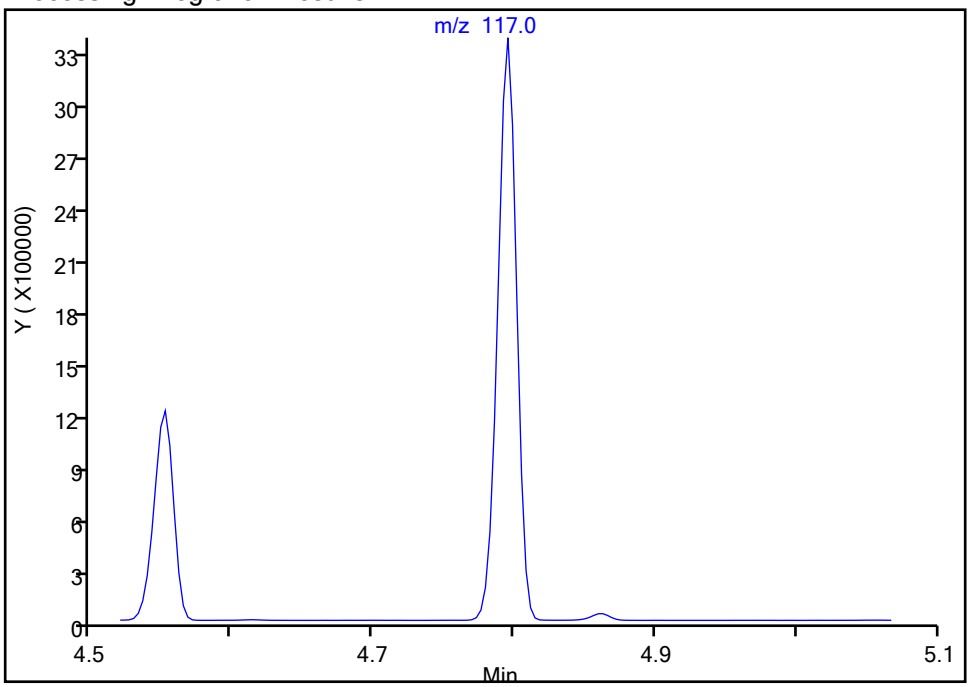
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

27 Hexachloroethane, CAS: 67-72-1

Signal: 1

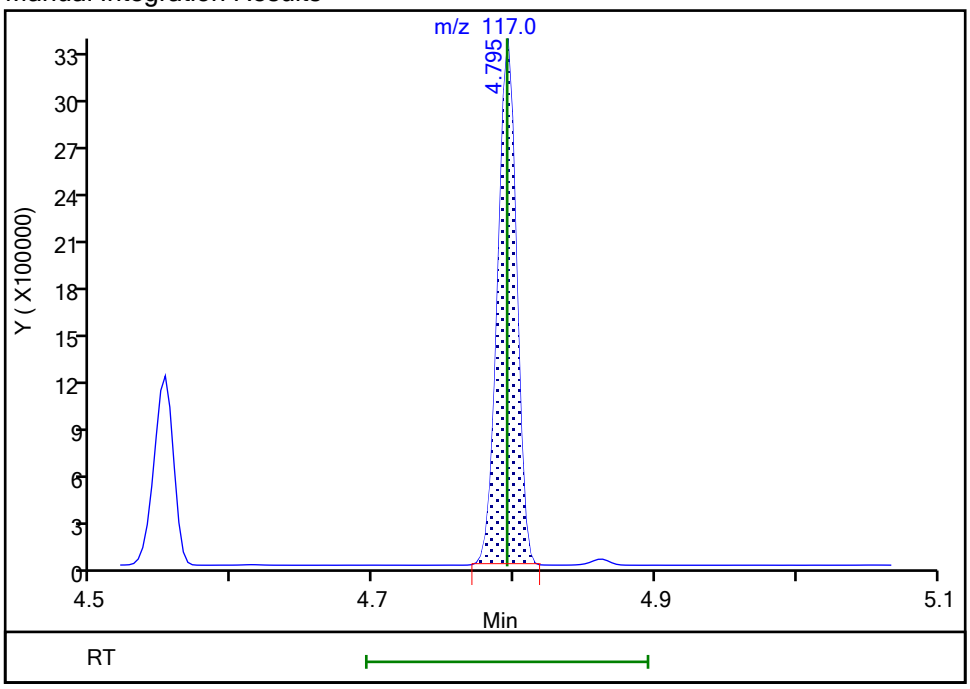
Not Detected
Expected RT: 4.79

Processing Integration Results



Manual Integration Results

RT: 4.80
Area: 3089490
Amount: 24.277672
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

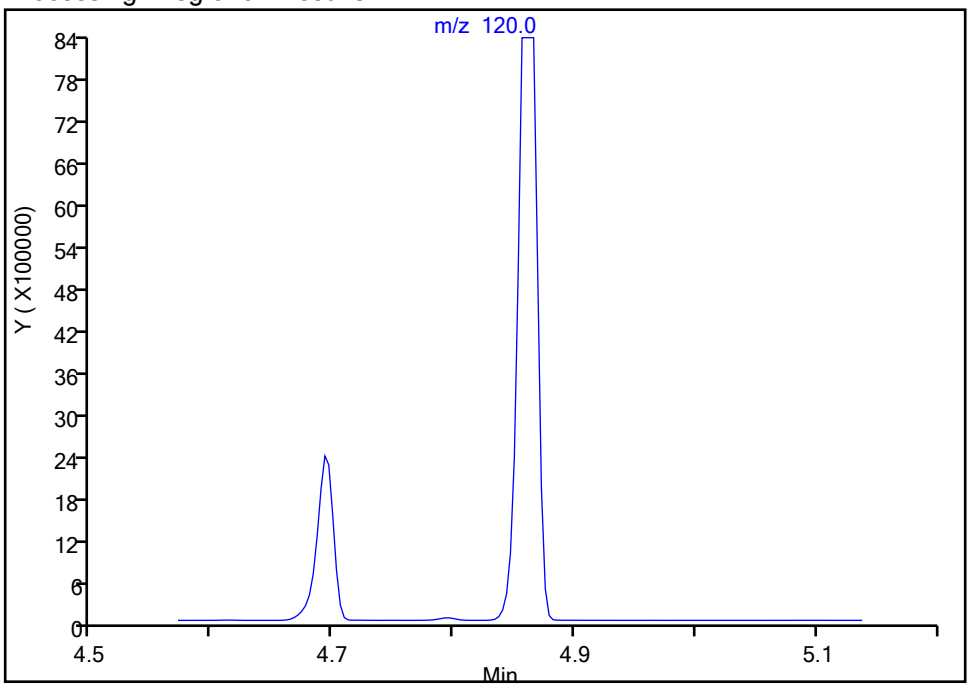
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

30 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

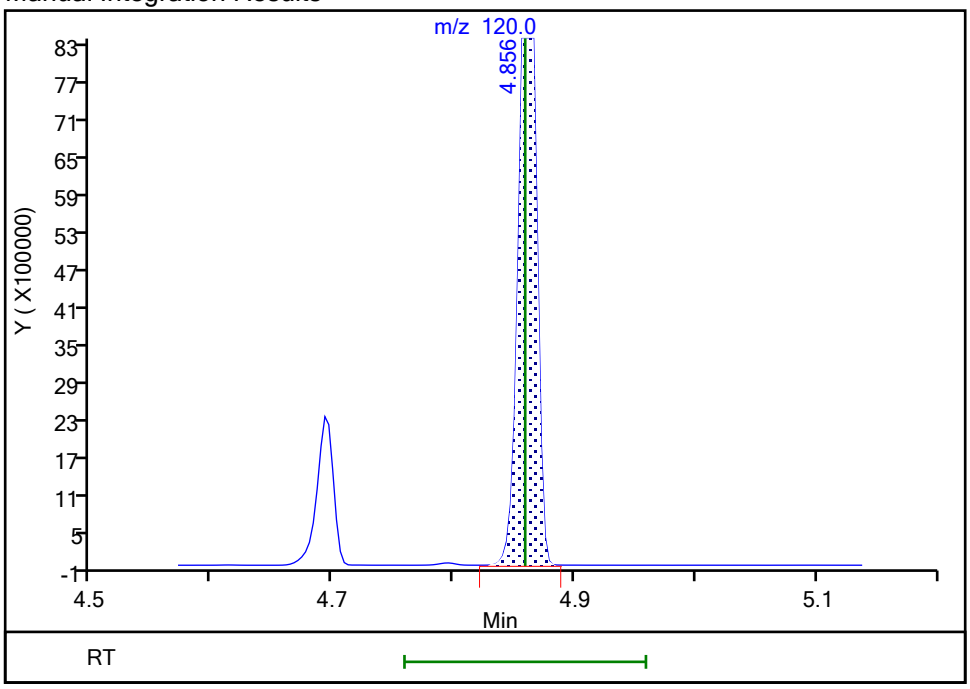
Not Detected
Expected RT: 4.86

Processing Integration Results



Manual Integration Results

RT: 4.86
Area: 9627977
Amount: 21.948415
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

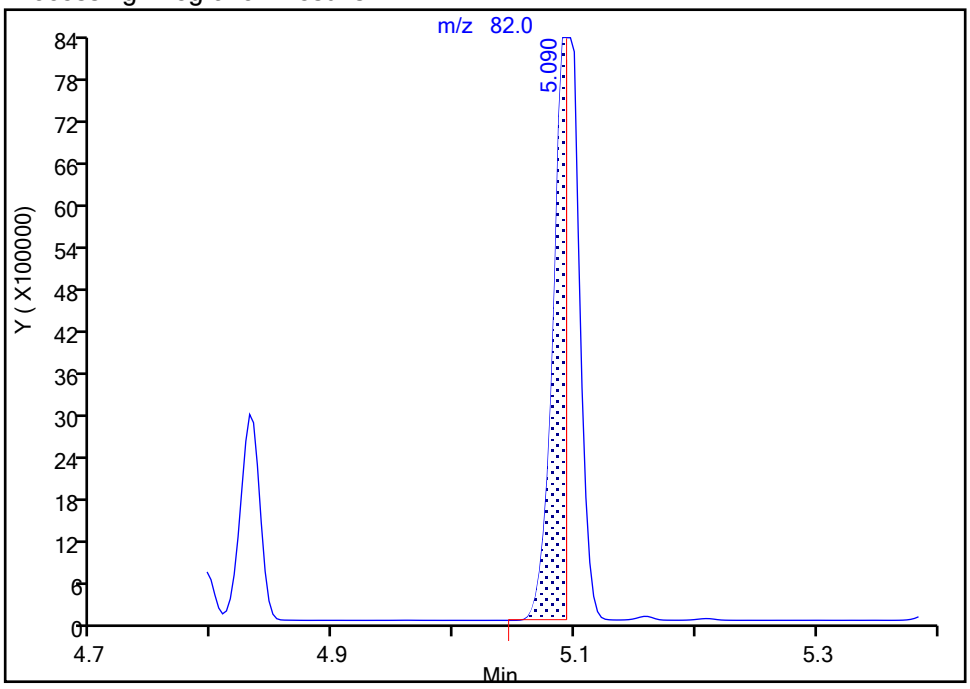
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

31 Isophorone, CAS: 78-59-1

Signal: 1

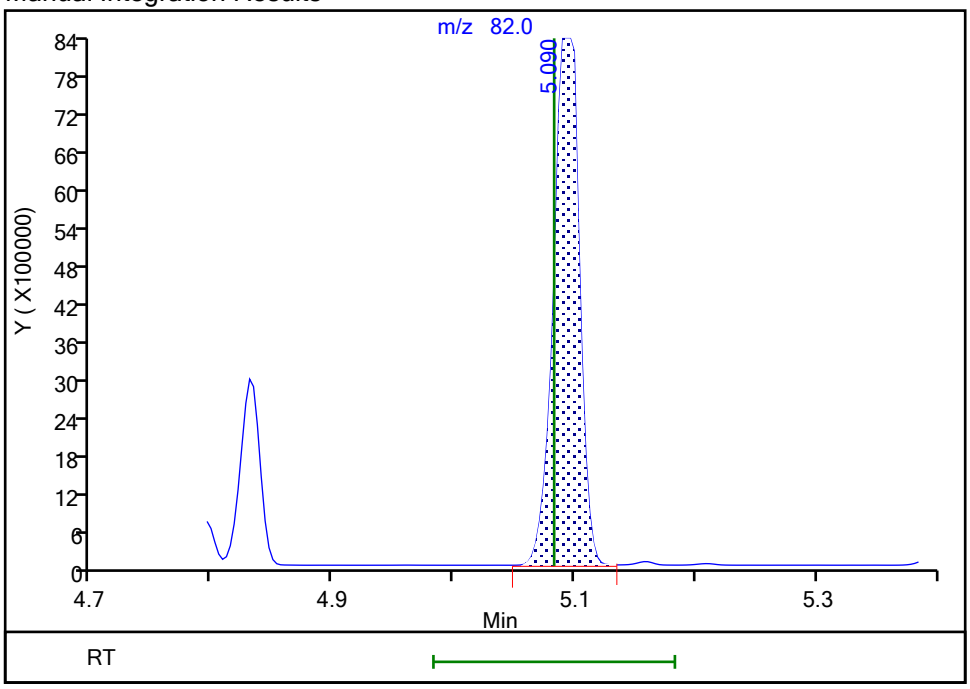
Processing Integration Results

RT: 5.09
Area: 7078318
Amount: 24.000000
Amount Units: ug/ml



Manual Integration Results

RT: 5.09
Area: 12593770
Amount: 23.046892
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:03:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

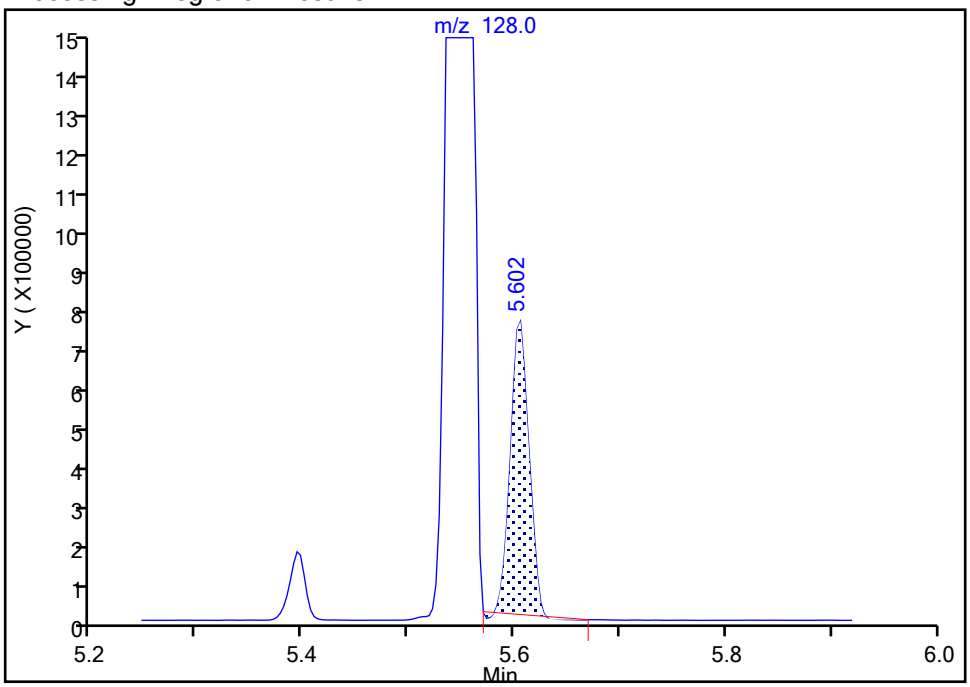
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

39 Naphthalene, CAS: 91-20-3

Signal: 1

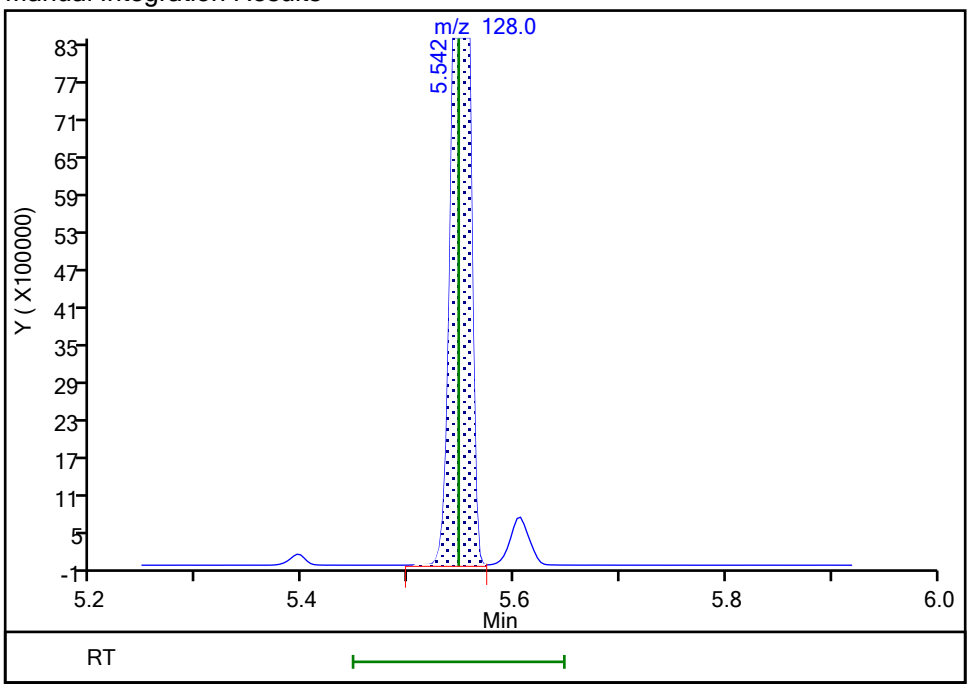
Processing Integration Results

RT: 5.60
Area: 903015
Amount: 2.133797
Amount Units: ug/ml



Manual Integration Results

RT: 5.54
Area: 12109831
Amount: 15.382881
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:02:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

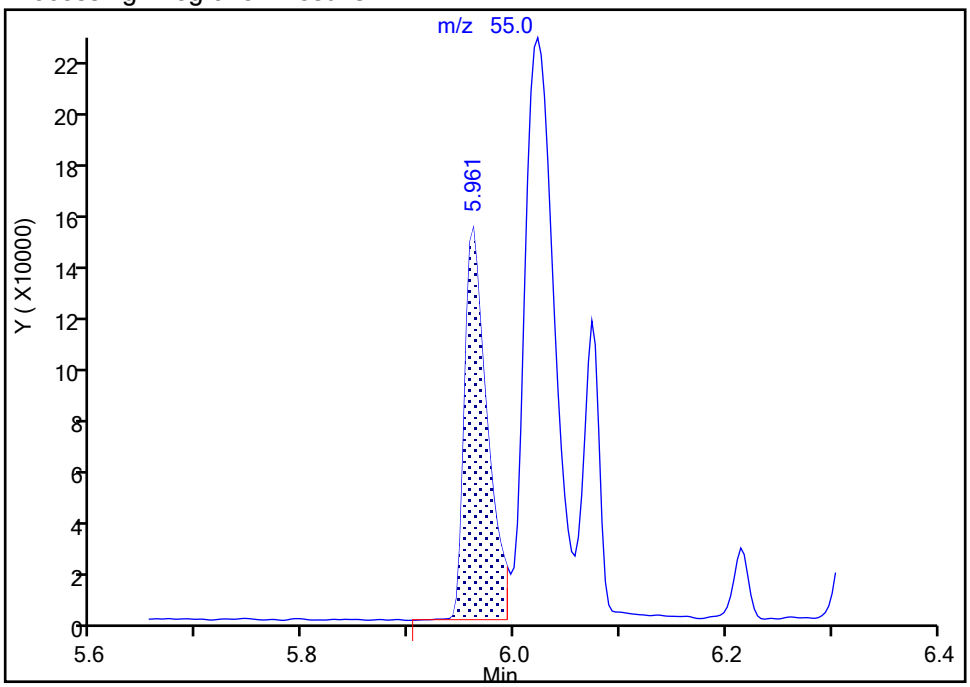
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

44 Caprolactam, CAS: 105-60-2

Signal: 1

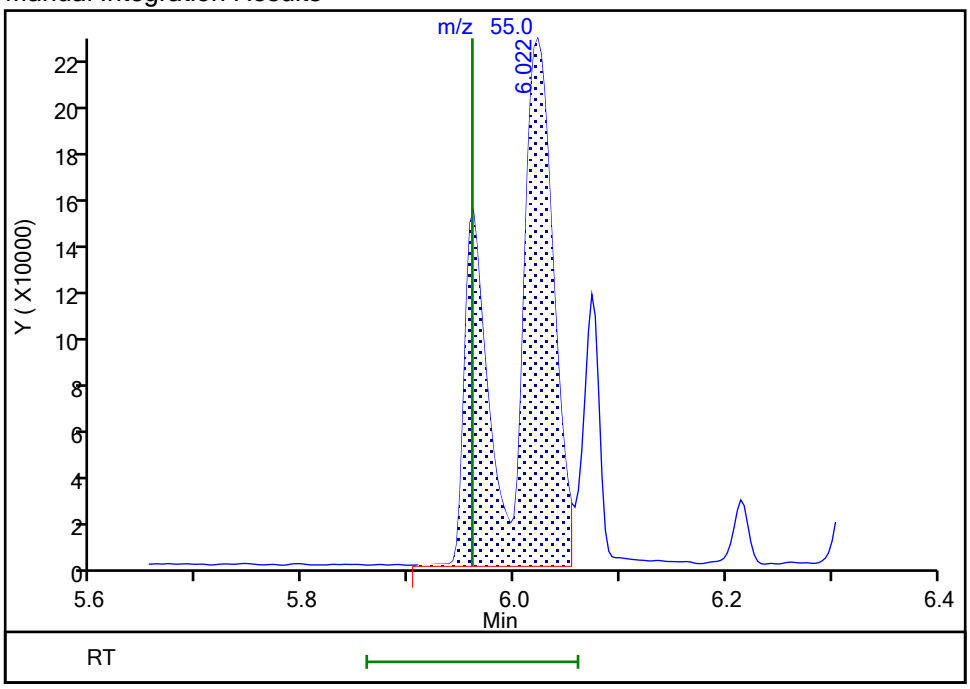
Processing Integration Results

RT: 5.96
Area: 224865
Amount: 3.345922
Amount Units: ug/ml



Manual Integration Results

RT: 6.02
Area: 648291
Amount: 7.198830
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:02:24 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

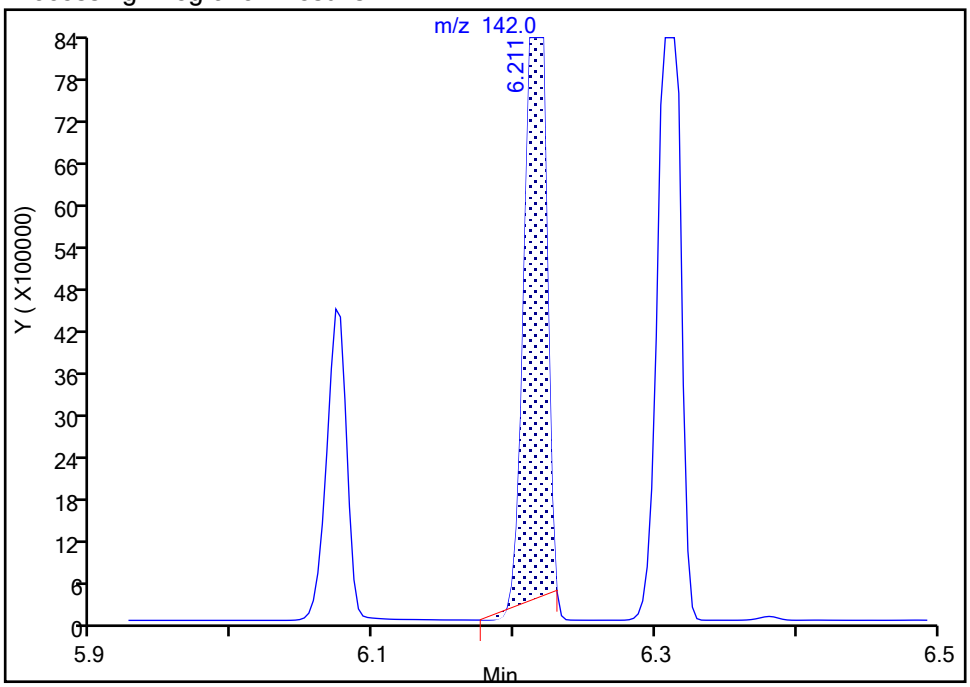
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

46 2-Methylnaphthalene, CAS: 91-57-6

Signal: 1

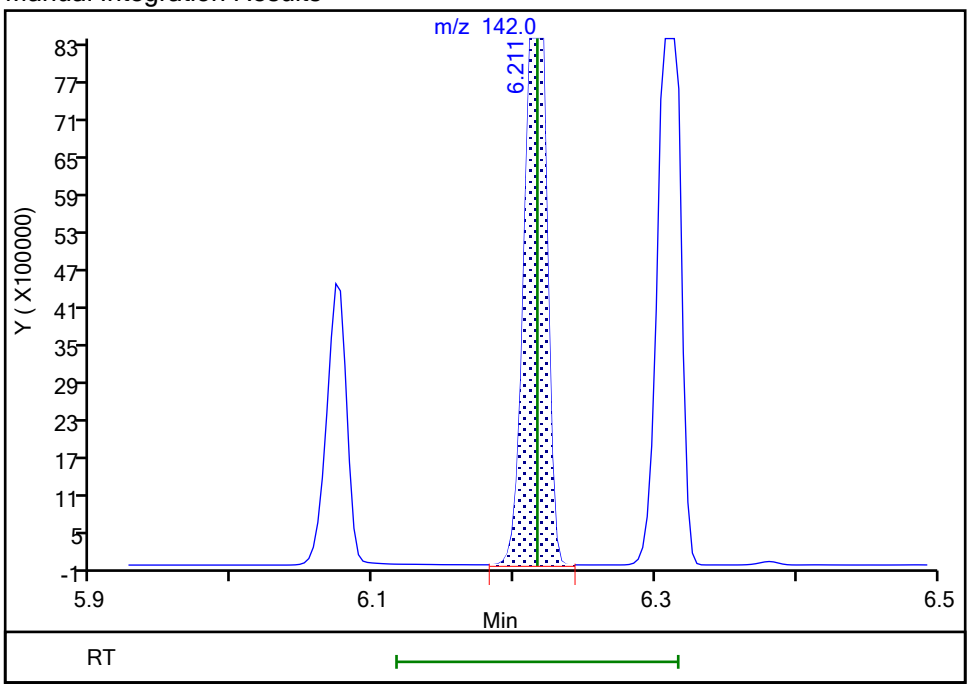
Processing Integration Results

RT: 6.21
Area: 9149492
Amount: 21.351157
Amount Units: ug/ml



Manual Integration Results

RT: 6.21
Area: 9919563
Amount: 20.790787
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:02:12 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

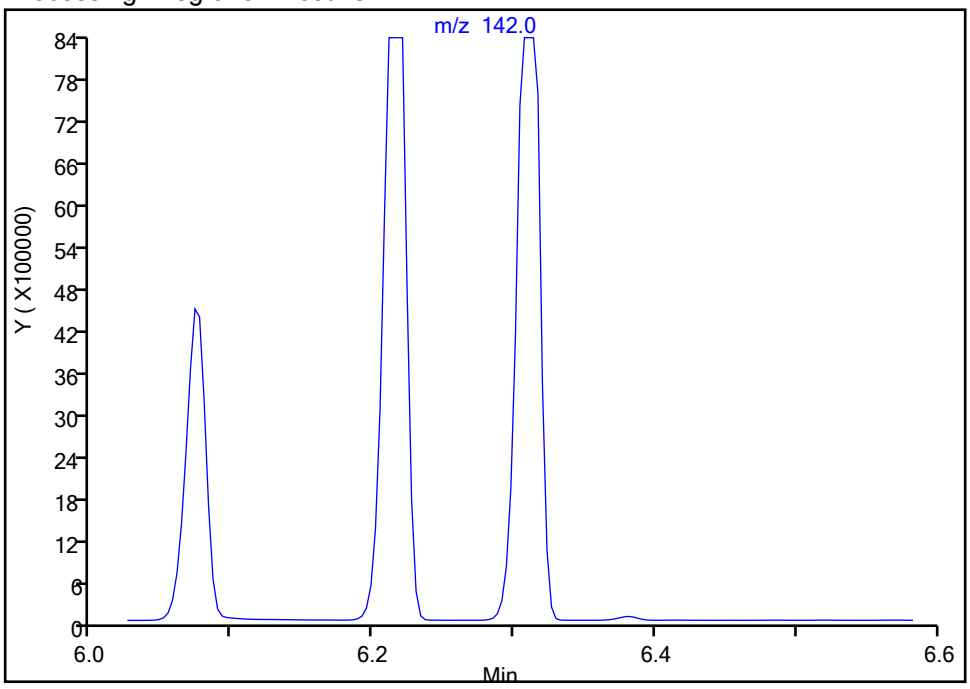
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

47 1-Methylnaphthalene, CAS: 90-12-0

Signal: 1

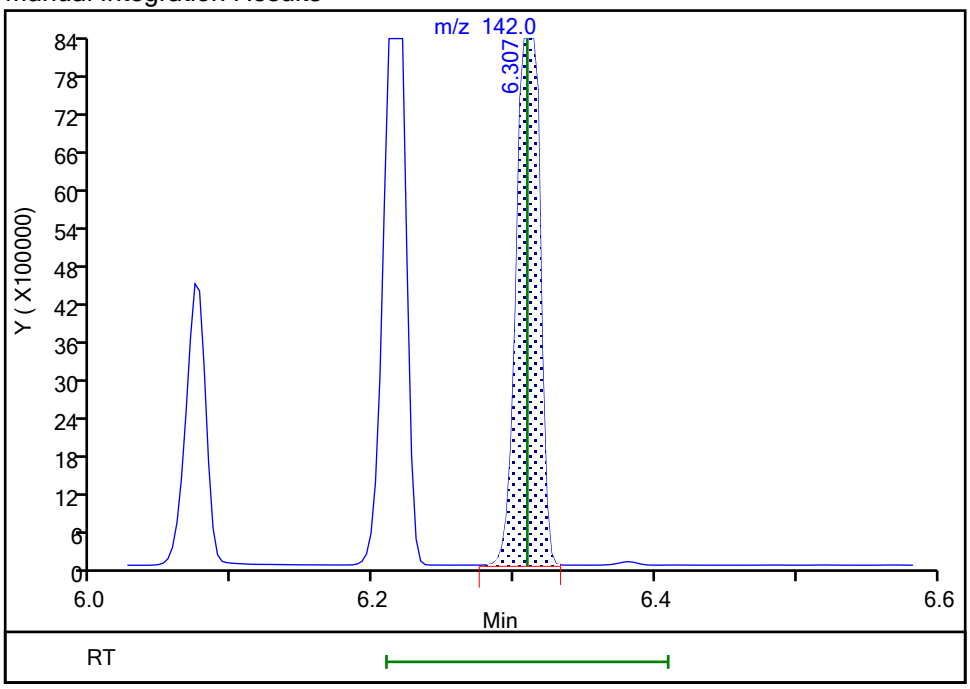
Not Detected
Expected RT: 6.31

Processing Integration Results



Manual Integration Results

RT: 6.31
Area: 9986790
Amount: 20.264775
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:02:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

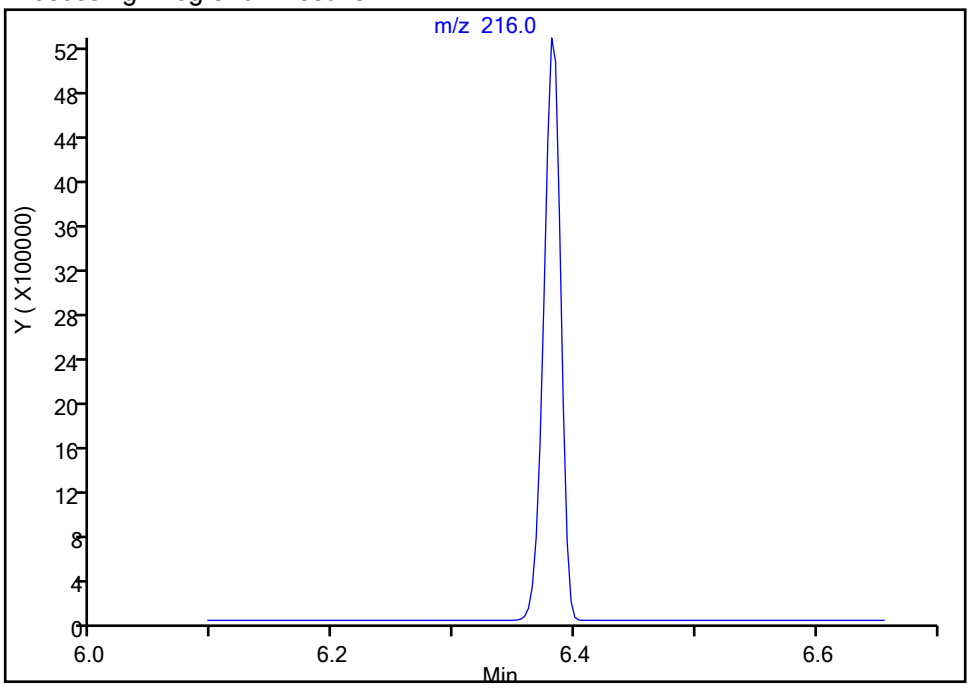
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

49 1,2,4,5-Tetrachlorobenzene, CAS: 95-94-3

Signal: 1

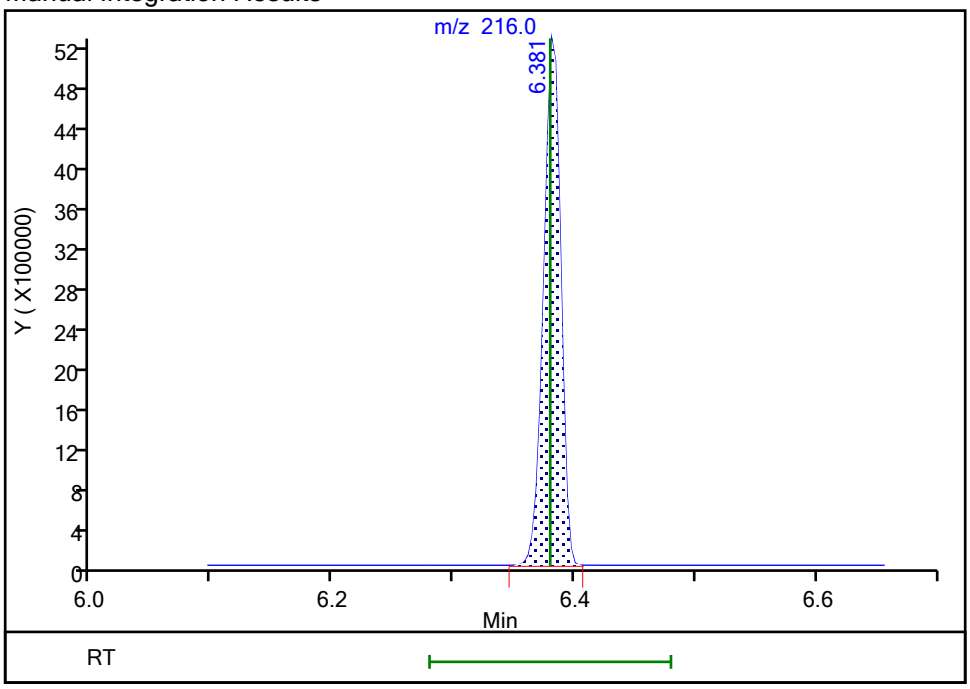
Not Detected
Expected RT: 6.38

Processing Integration Results



Manual Integration Results

RT: 6.38
Area: 5124732
Amount: 25.791799
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:01:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

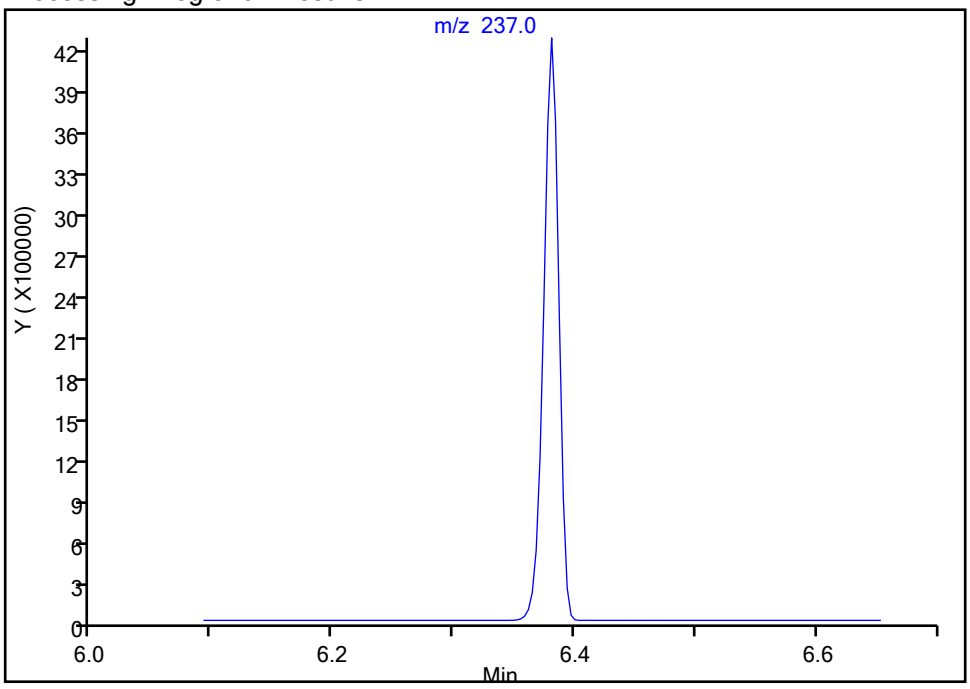
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

48 Hexachlorocyclopentadiene, CAS: 77-47-4

Signal: 1

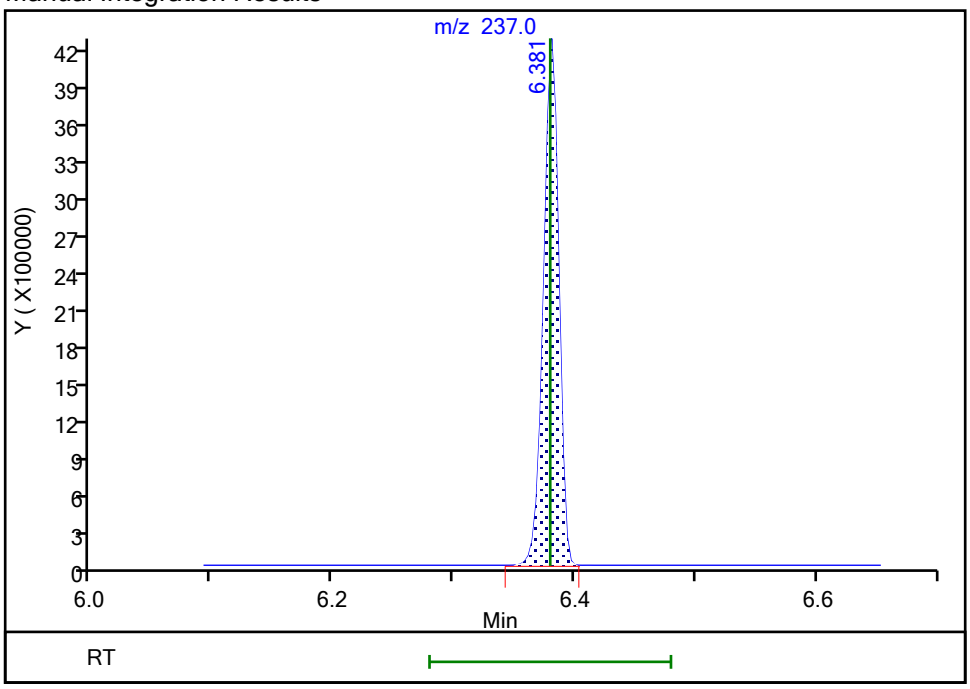
Not Detected
Expected RT: 6.38

Processing Integration Results



Manual Integration Results

RT: 6.38
Area: 3708205
Amount: 27.339999
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:01:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

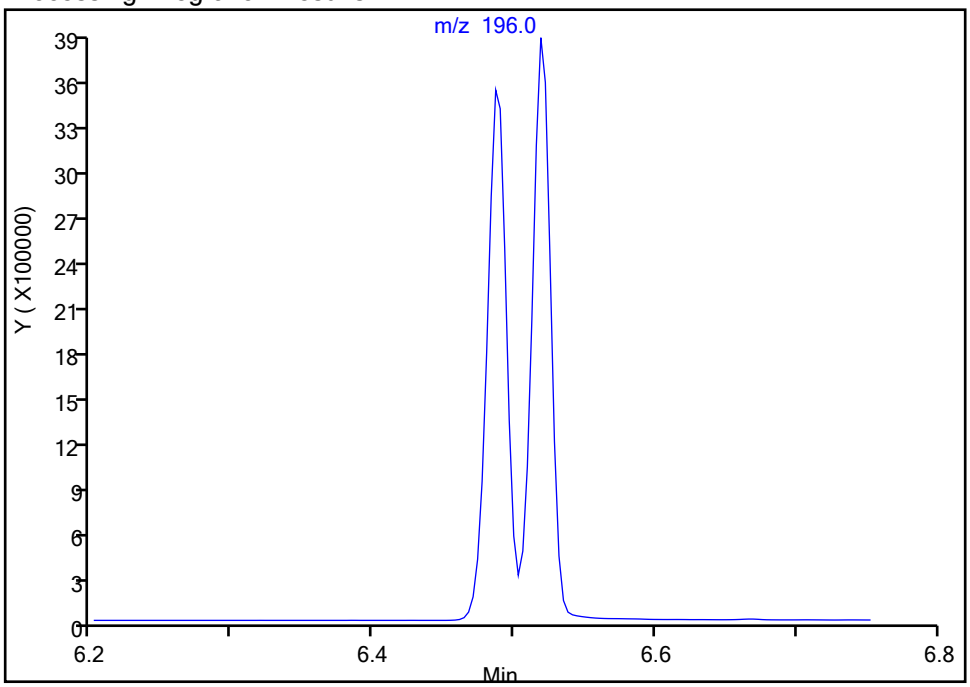
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

51 2,4,6-Trichlorophenol, CAS: 88-06-2

Signal: 1

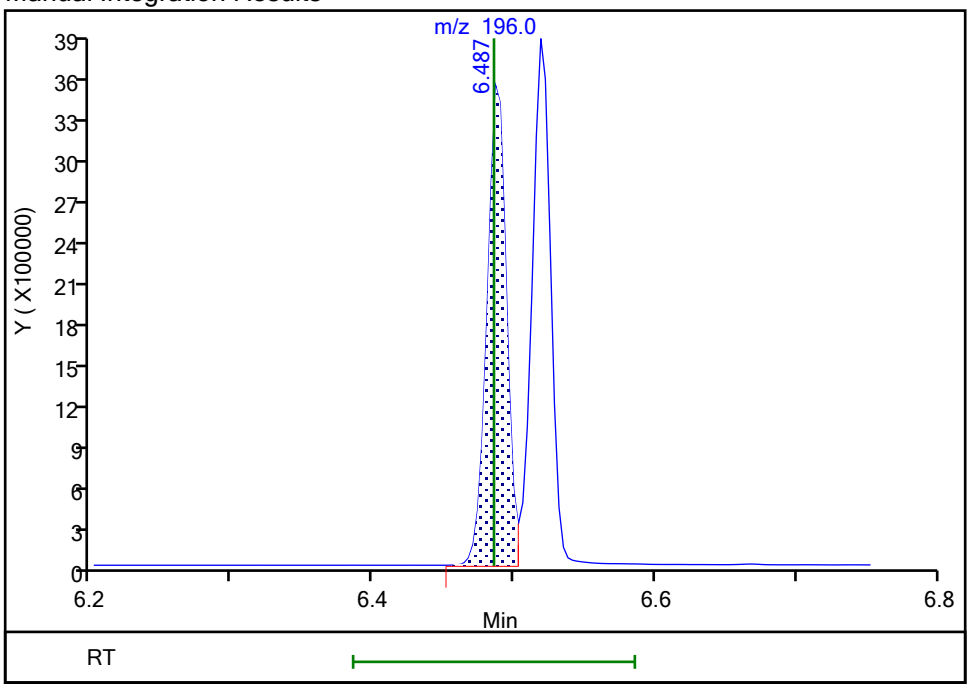
Not Detected
Expected RT: 6.49

Processing Integration Results



Manual Integration Results

RT: 6.49
Area: 3367273
Amount: 26.401013
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:01:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

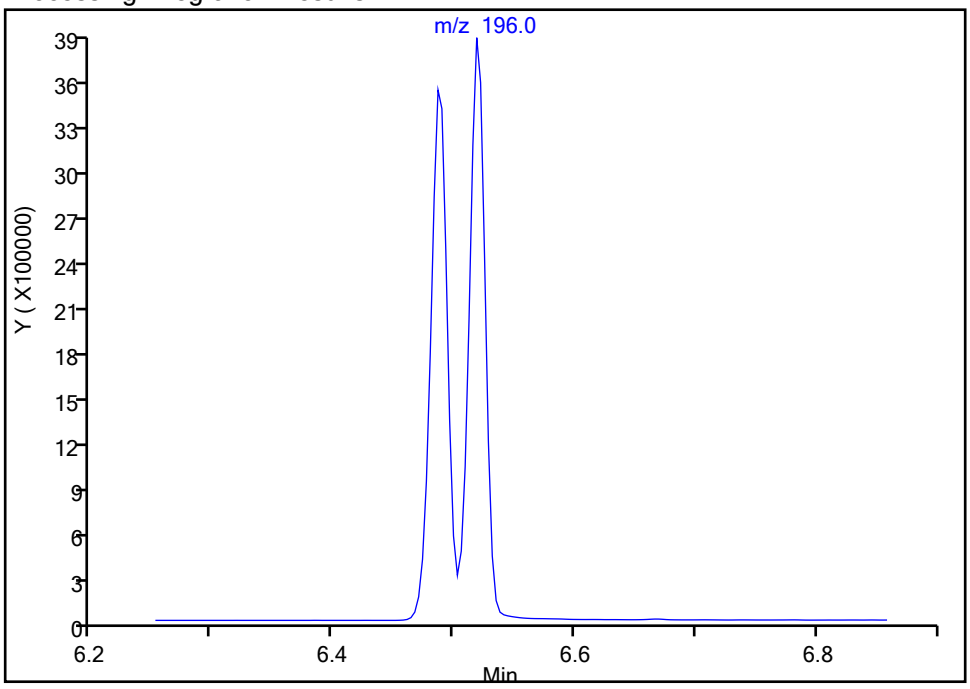
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

52 2,4,5-Trichlorophenol, CAS: 95-95-4

Signal: 1

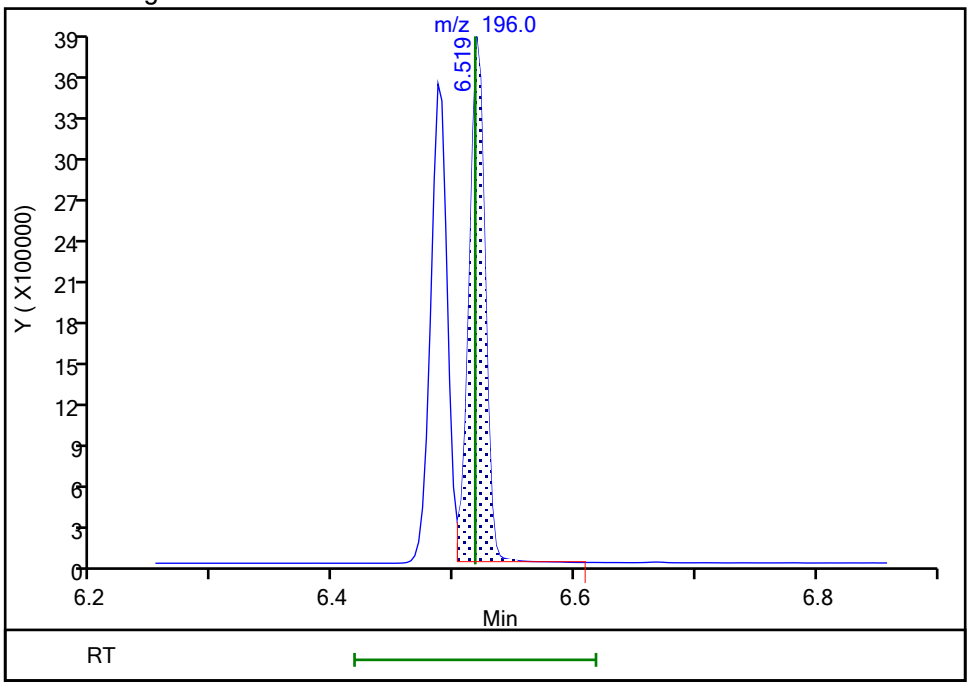
Not Detected
Expected RT: 6.52

Processing Integration Results



Manual Integration Results

RT: 6.52
Area: 3563082
Amount: 26.372182
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:01:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

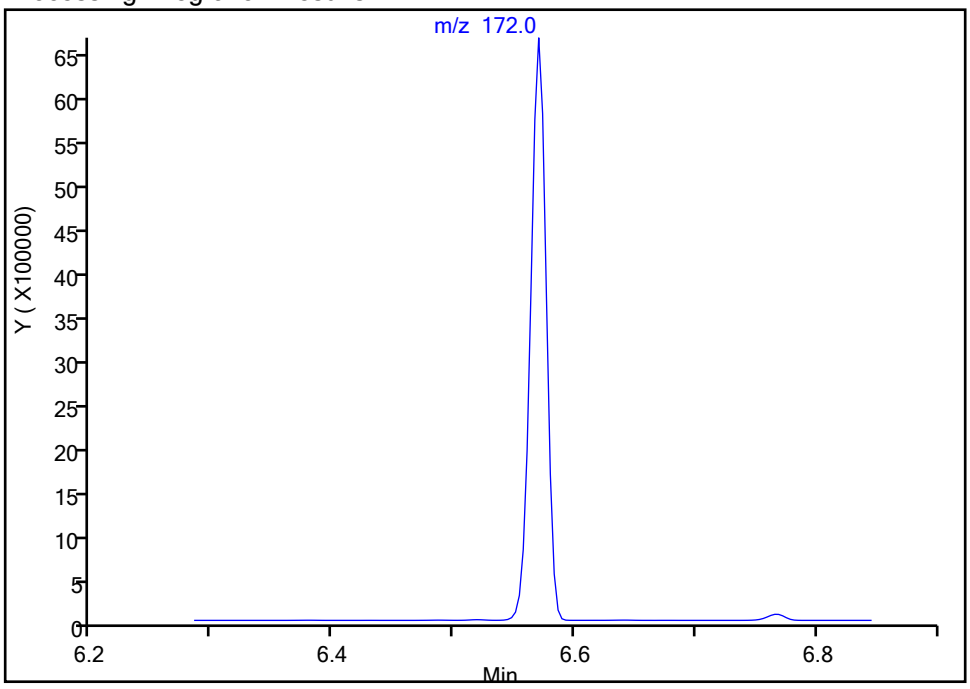
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

$ 53 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

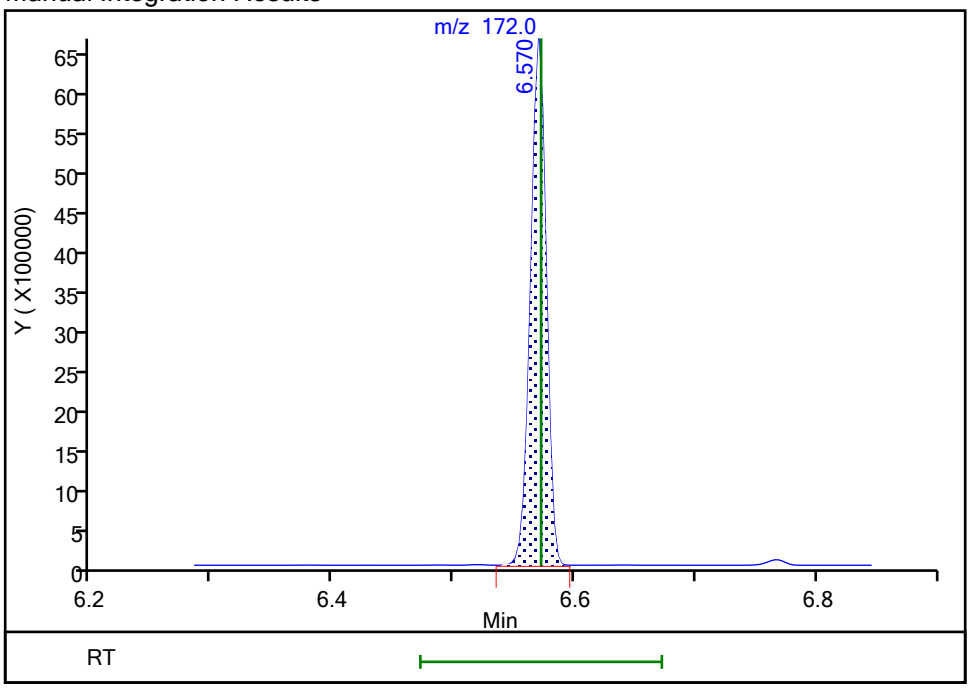
Not Detected
Expected RT: 6.57

Processing Integration Results



Manual Integration Results

RT: 6.57
Area: 6011071
Amount: 10.604736
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:01:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

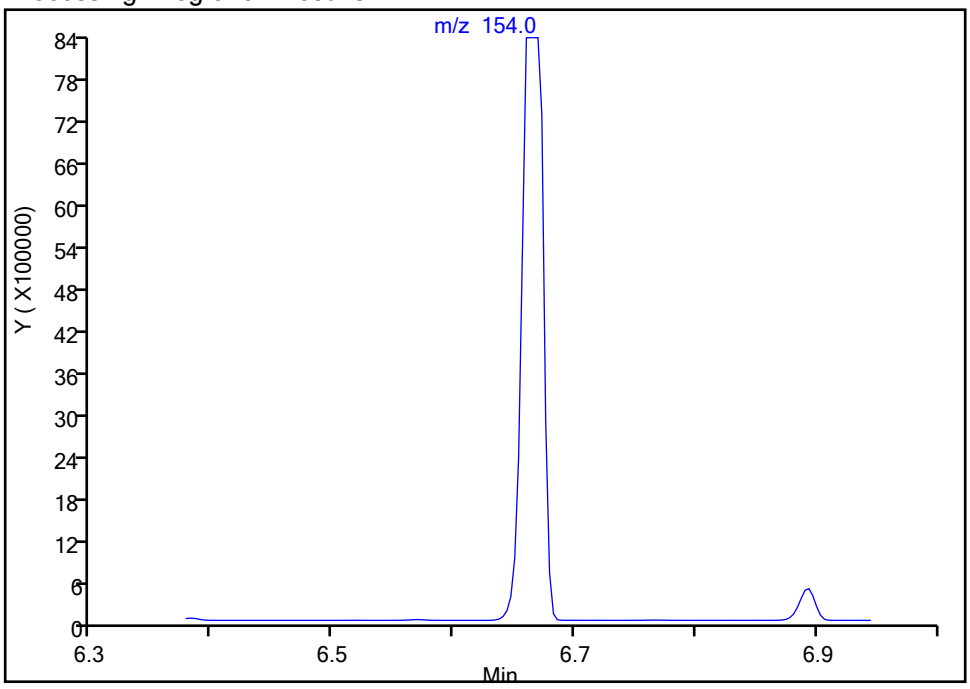
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

54 1,1'-Biphenyl, CAS: 92-52-4

Signal: 1

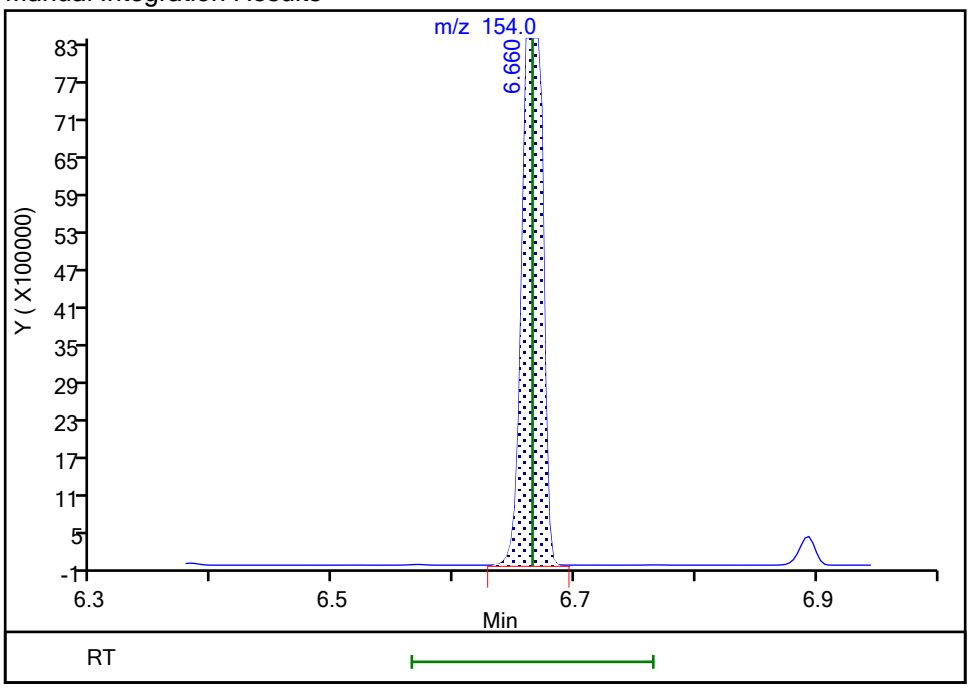
Not Detected
Expected RT: 6.66

Processing Integration Results



Manual Integration Results

RT: 6.66
Area: 10326888
Amount: 18.304849
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:01:38 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

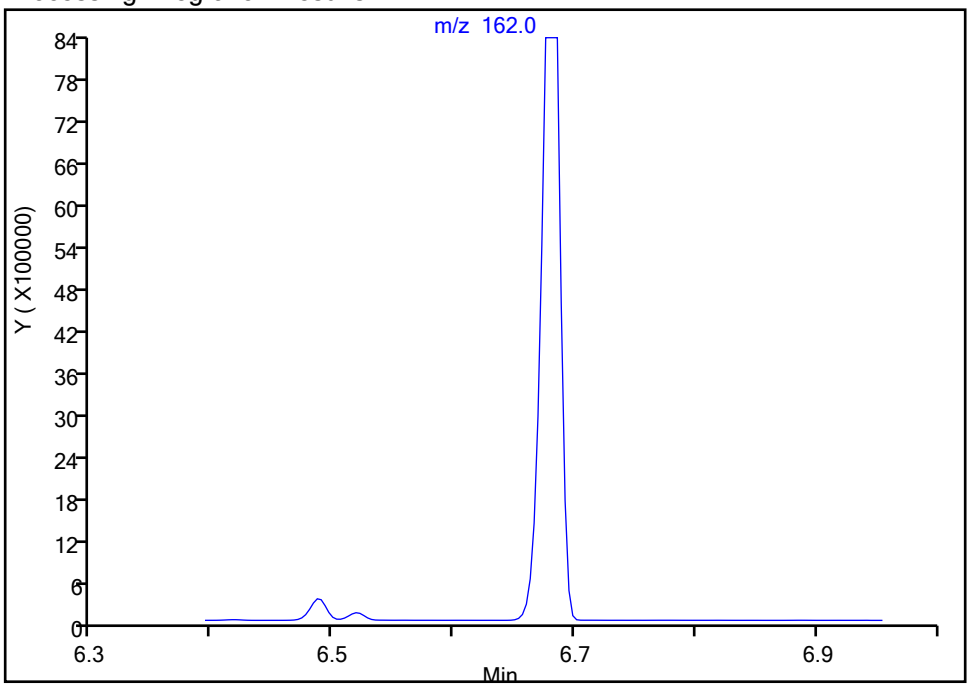
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

55 2-Chloronaphthalene, CAS: 91-58-7

Signal: 1

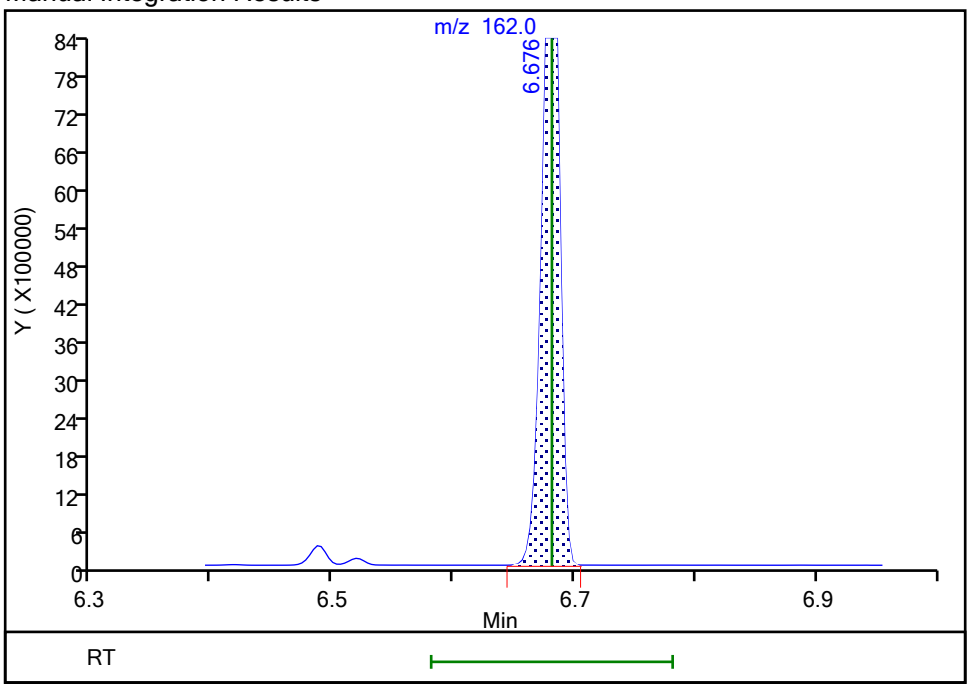
Not Detected
Expected RT: 6.68

Processing Integration Results



Manual Integration Results

RT: 6.68
Area: 9818004
Amount: 22.505725
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:01:27 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

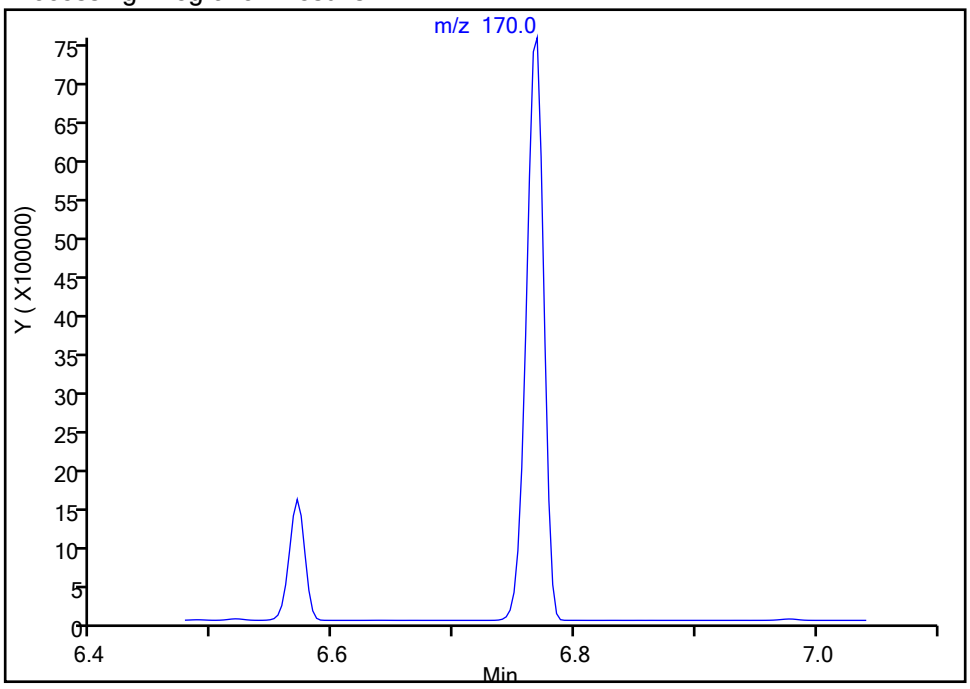
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

56 Phenyl ether, CAS: 101-84-8

Signal: 1

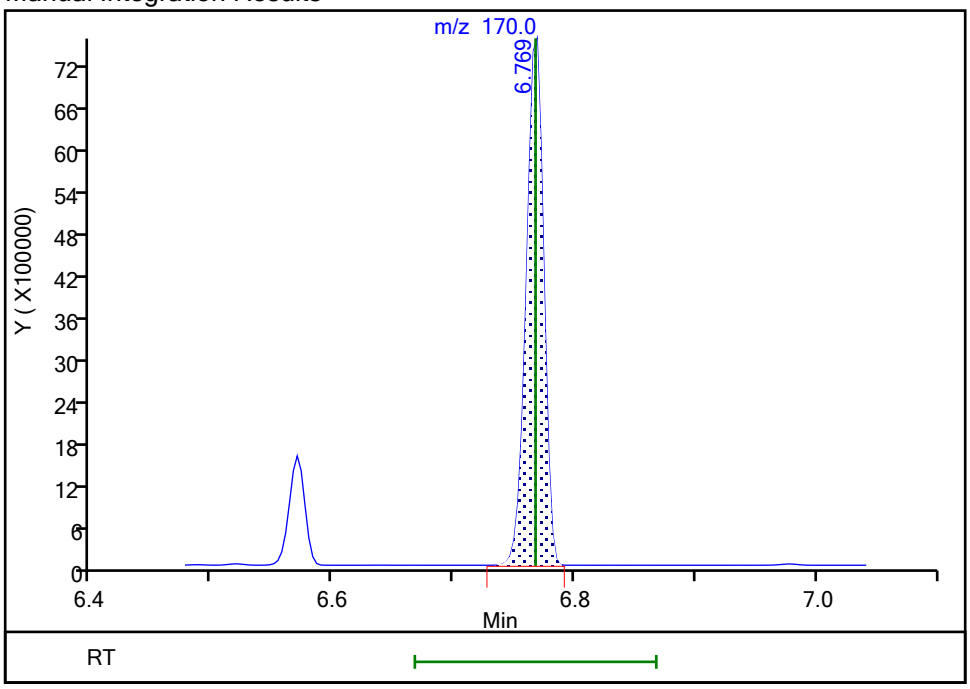
Not Detected
Expected RT: 6.77

Processing Integration Results



Manual Integration Results

RT: 6.77
Area: 7597417
Amount: 25.490593
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:01:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

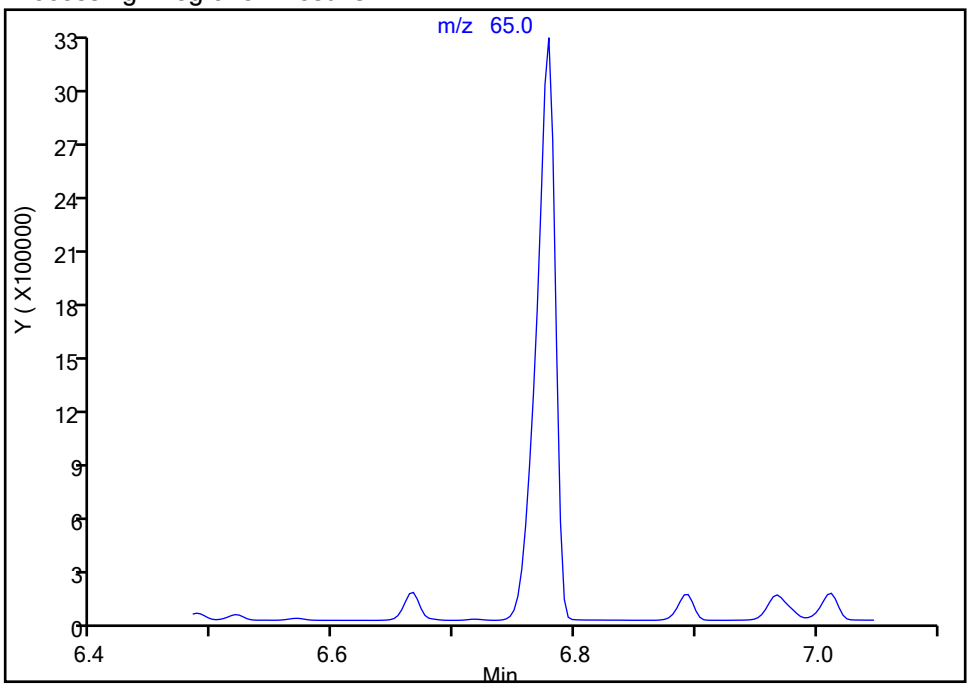
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

57 2-Nitroaniline, CAS: 88-74-4

Signal: 1

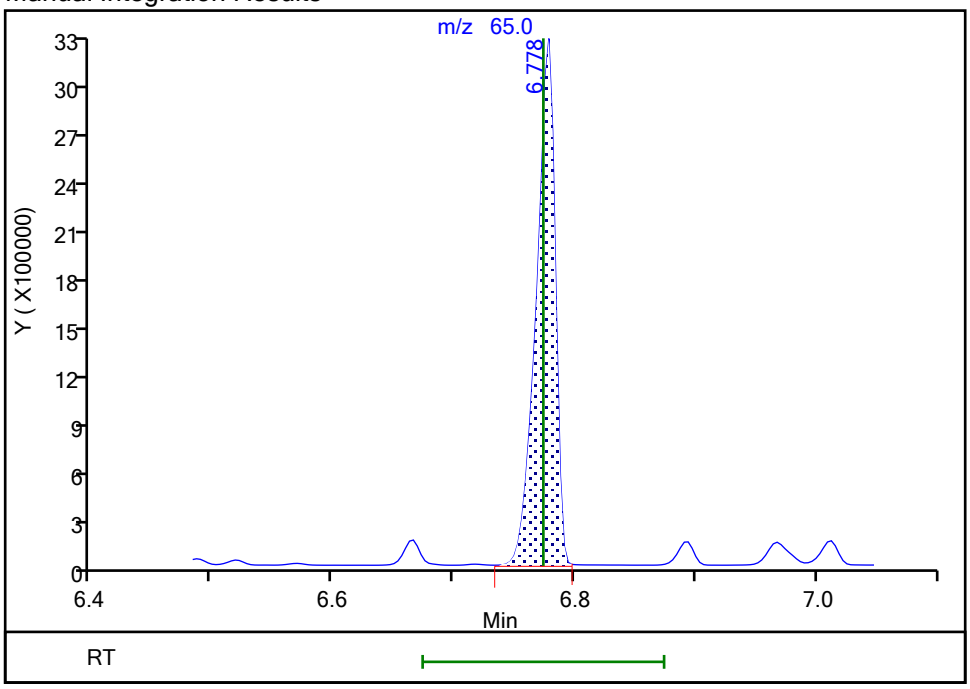
Not Detected
Expected RT: 6.77

Processing Integration Results



Manual Integration Results

RT: 6.78
Area: 3525277
Amount: 25.538384
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:01:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

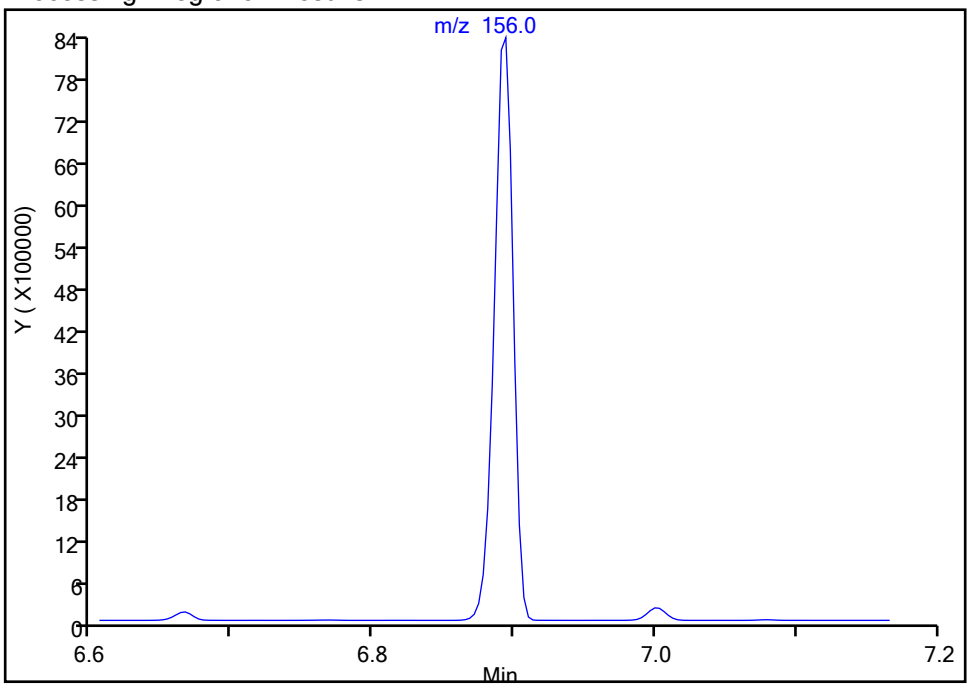
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

58 1,3-Dimethylnaphthalene, CAS: 575-41-7

Signal: 1

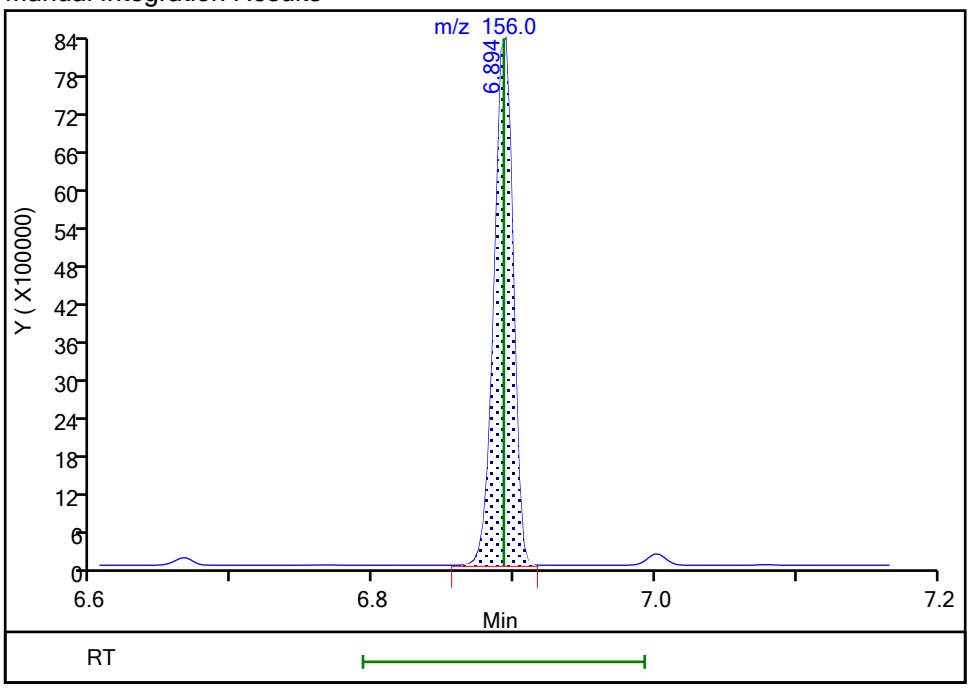
Not Detected
Expected RT: 6.89

Processing Integration Results



Manual Integration Results

RT: 6.89
Area: 7847197
Amount: 25.414957
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:01:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

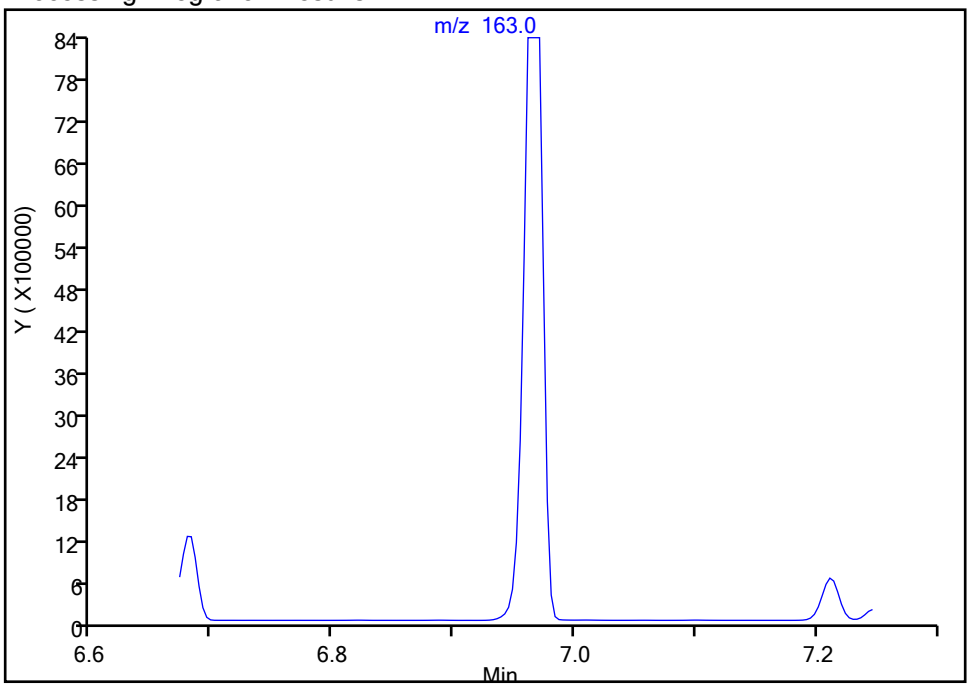
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Dimethyl phthalate, CAS: 131-11-3

Signal: 1

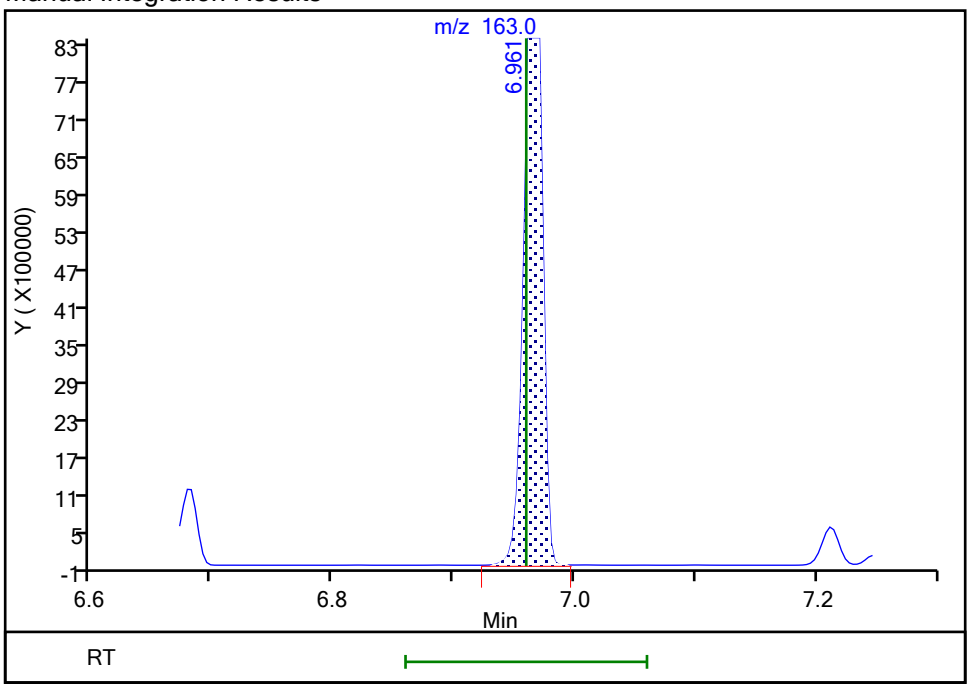
Not Detected
Expected RT: 6.96

Processing Integration Results



Manual Integration Results

RT: 6.96
Area: 9701117
Amount: 21.899502
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:01:10 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

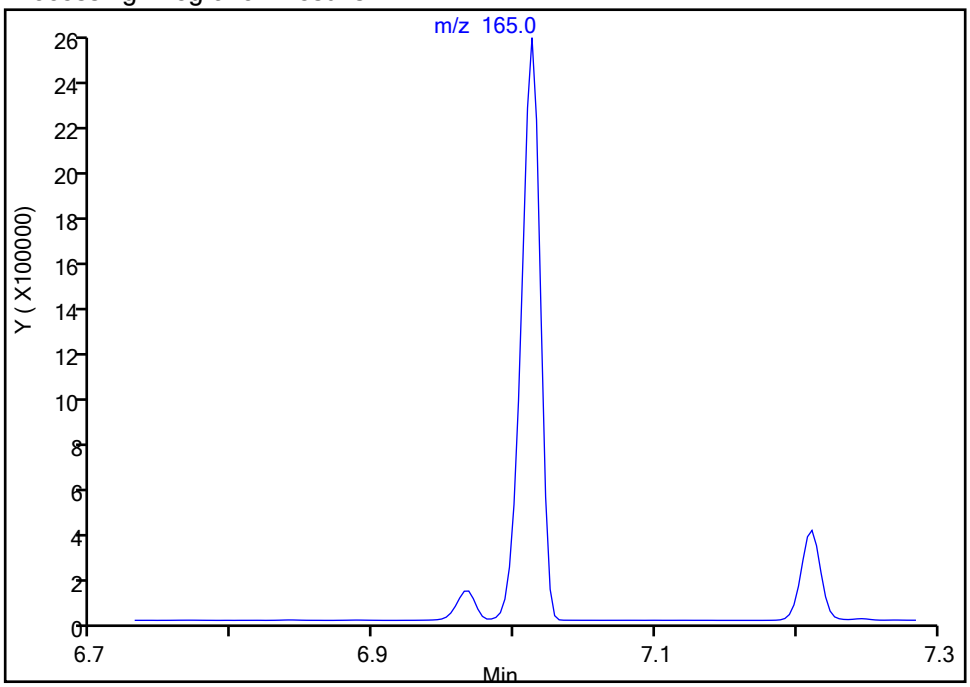
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

61 2,6-Dinitrotoluene, CAS: 606-20-2

Signal: 1

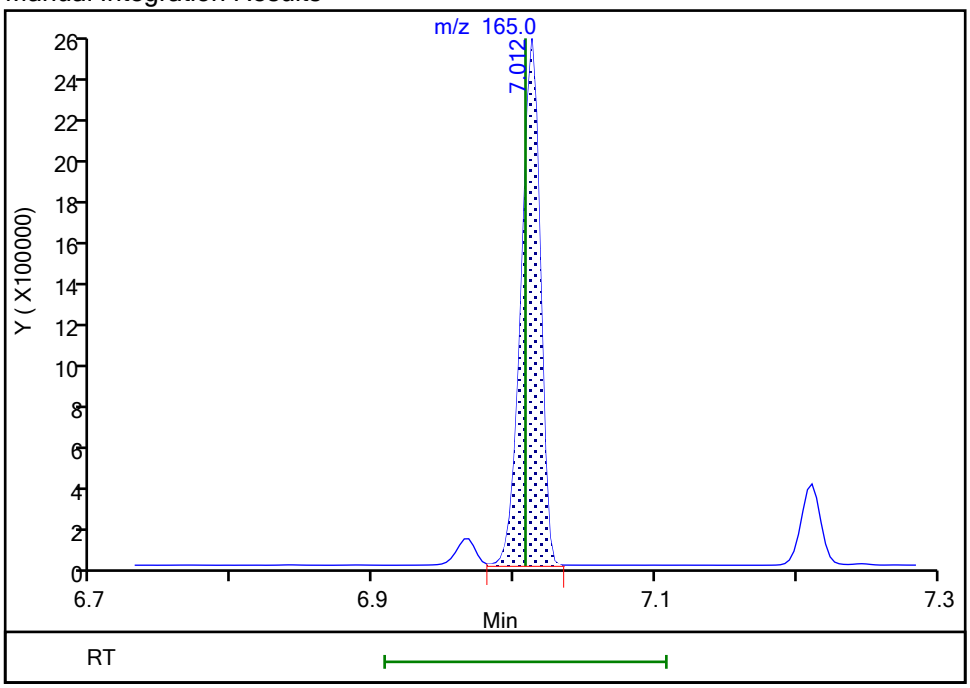
Not Detected
Expected RT: 7.01

Processing Integration Results



Manual Integration Results

RT: 7.01
Area: 2385828
Amount: 26.762696
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:01:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

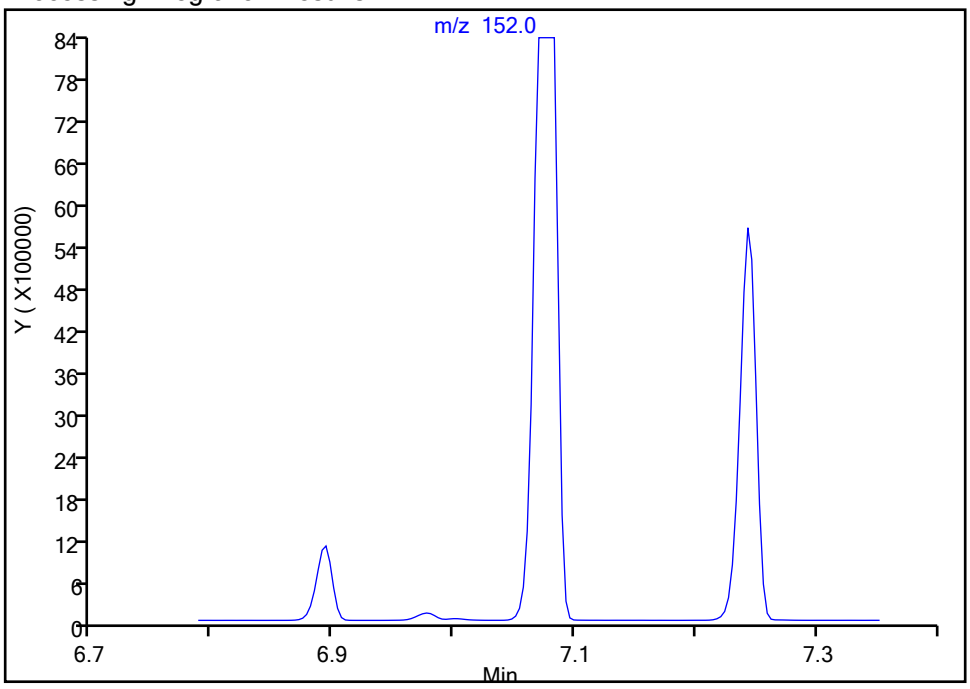
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthylene, CAS: 208-96-8

Signal: 1

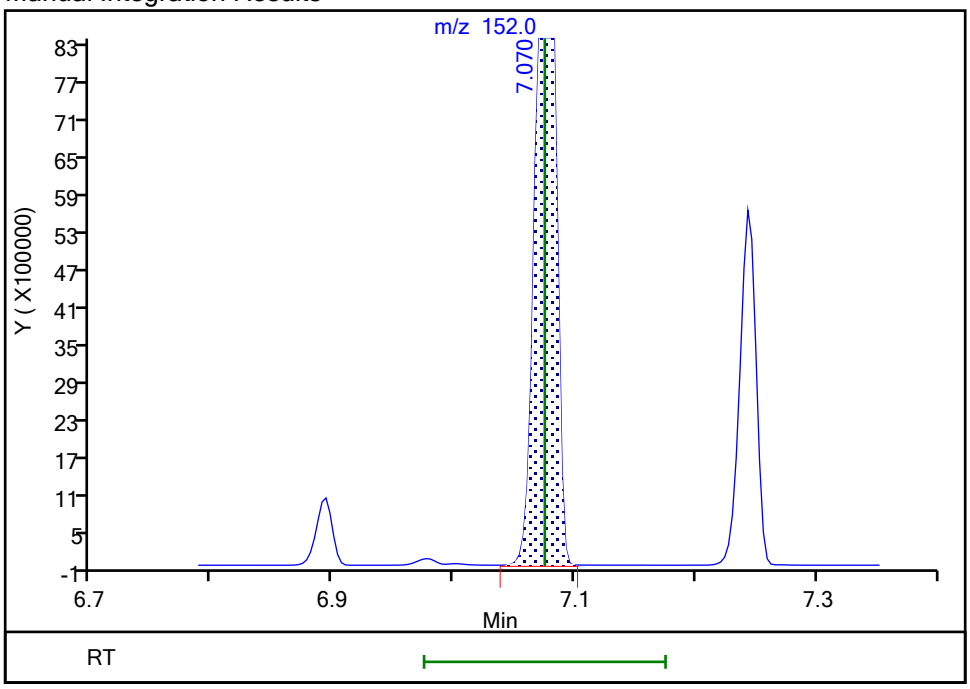
Not Detected
Expected RT: 7.08

Processing Integration Results



Manual Integration Results

RT: 7.07
Area: 11569654
Amount: 17.222924
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:00:56 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

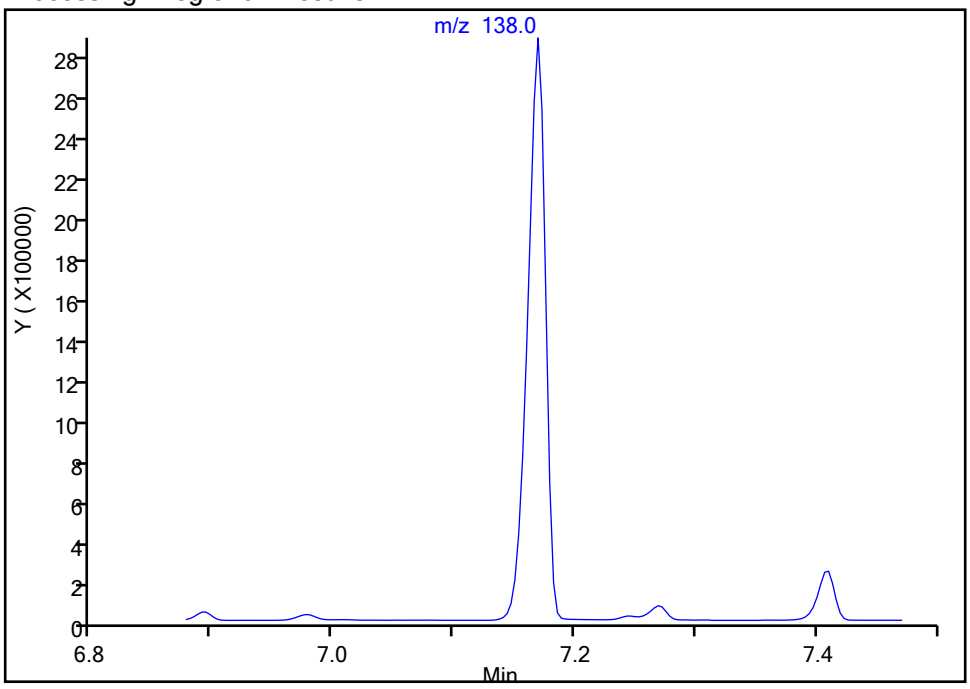
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

63 3-Nitroaniline, CAS: 99-09-2

Signal: 1

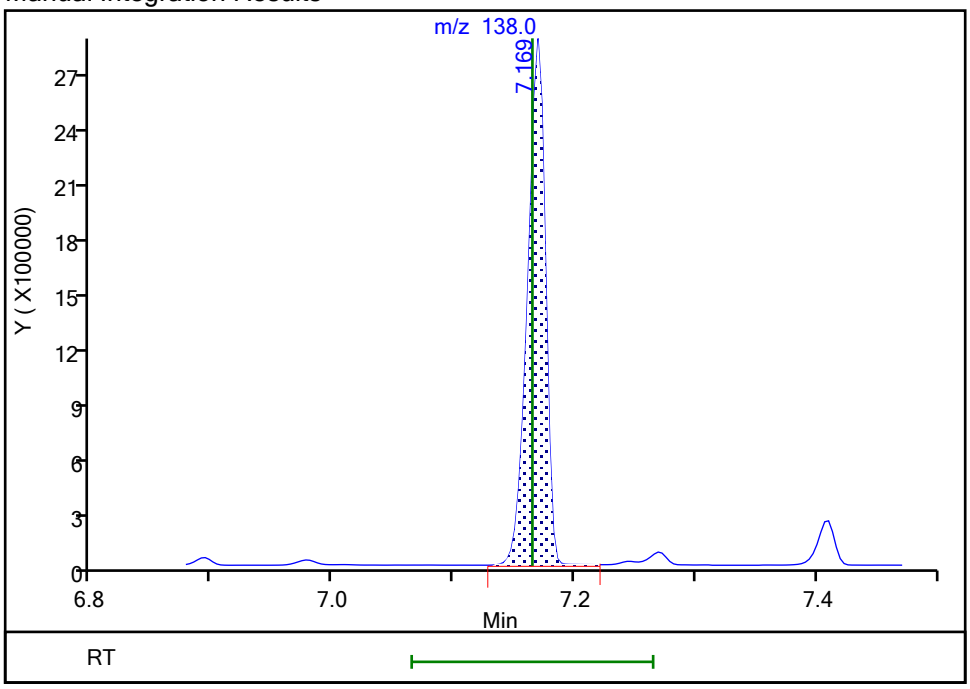
Not Detected
Expected RT: 7.16

Processing Integration Results



Manual Integration Results

RT: 7.17
Area: 2948557
Amount: 26.842910
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:00:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

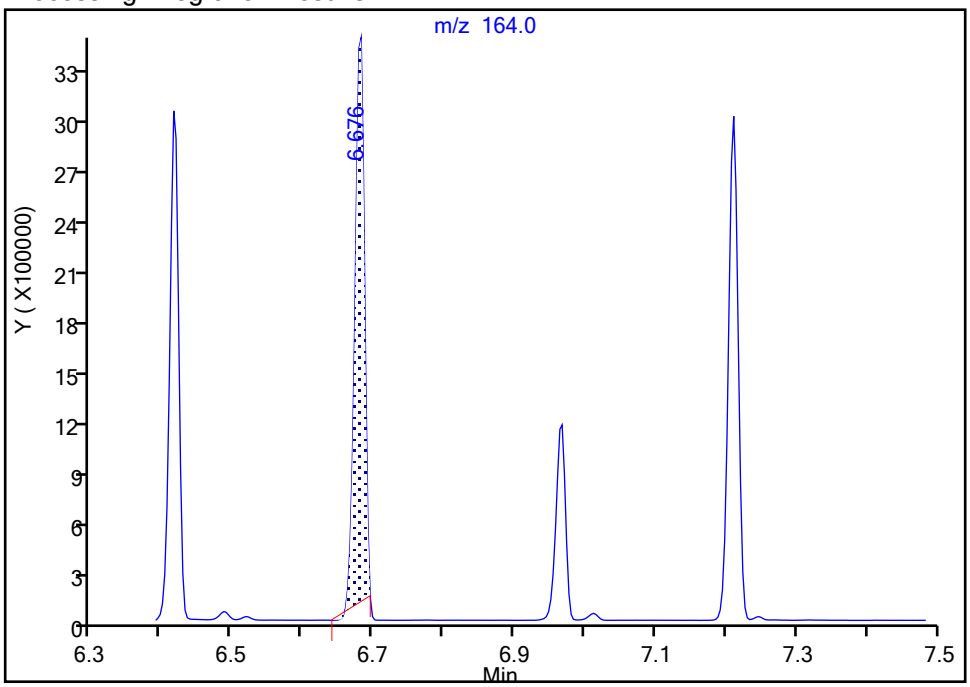
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

* 64 Acenaphthene-d10, CAS: 15067-26-2

Signal: 1

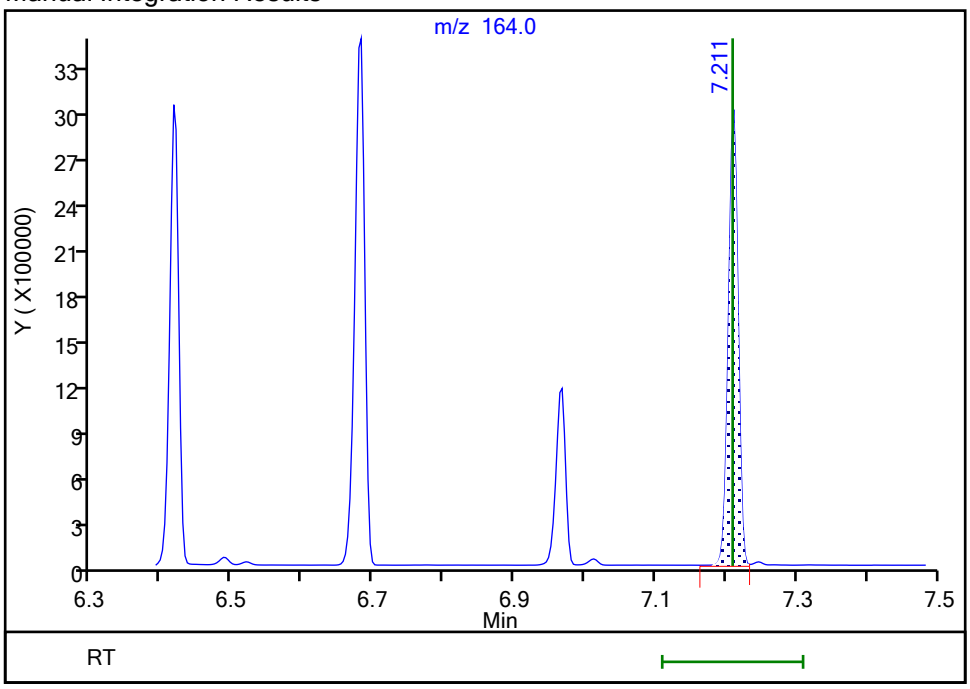
Processing Integration Results

RT: 6.68
Area: 3185943
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 7.21
Area: 2903802
Amount: 8.000000
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:00:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

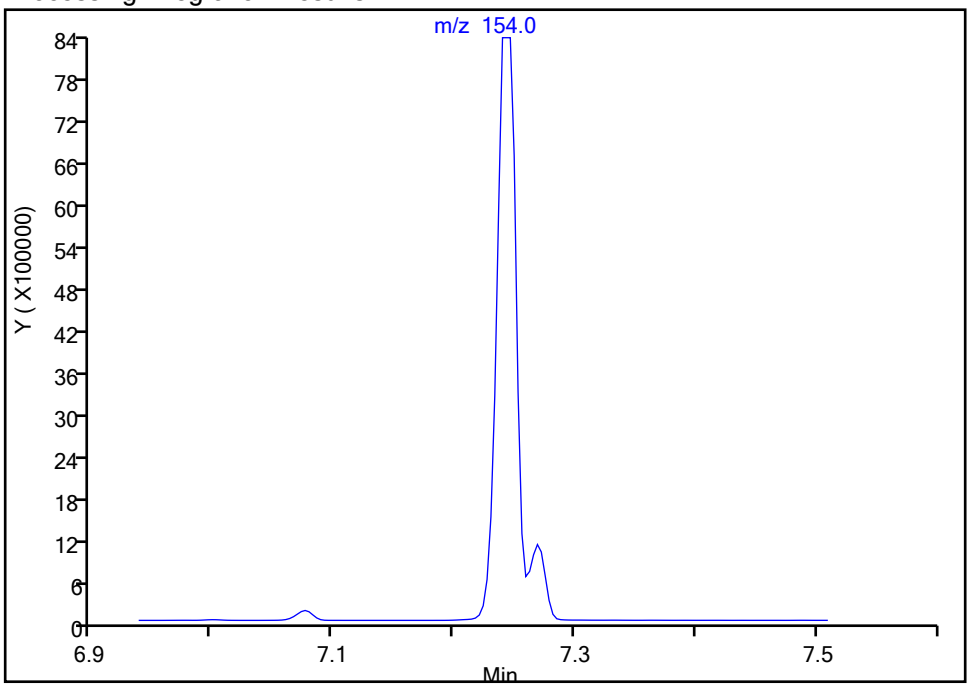
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

66 Acenaphthene, CAS: 83-32-9

Signal: 1

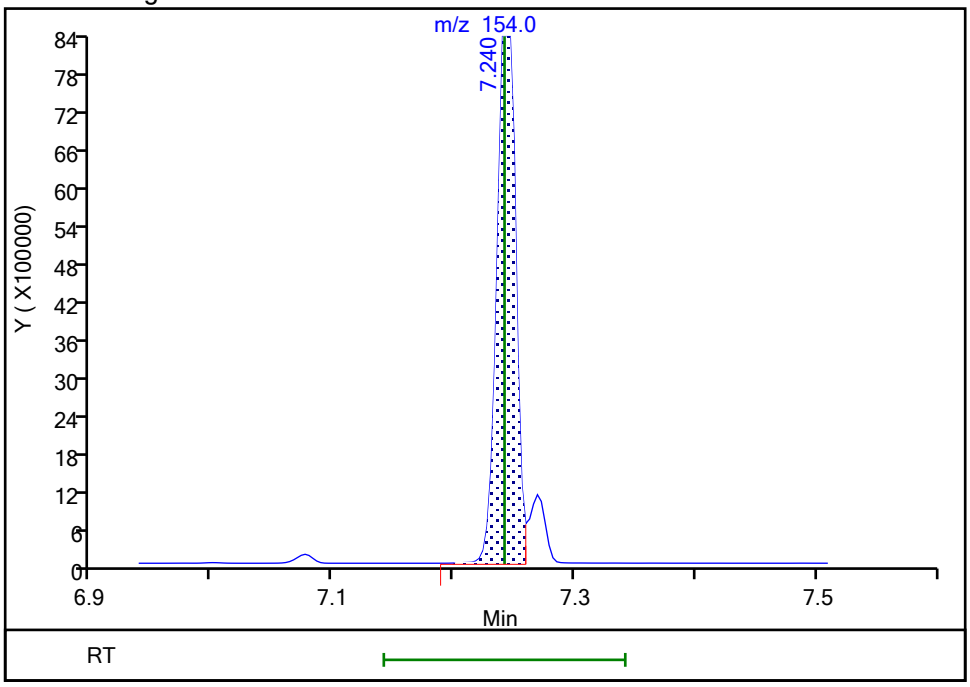
Not Detected
Expected RT: 7.24

Processing Integration Results



Manual Integration Results

RT: 7.24
Area: 9359352
Amount: 21.788738
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:00:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

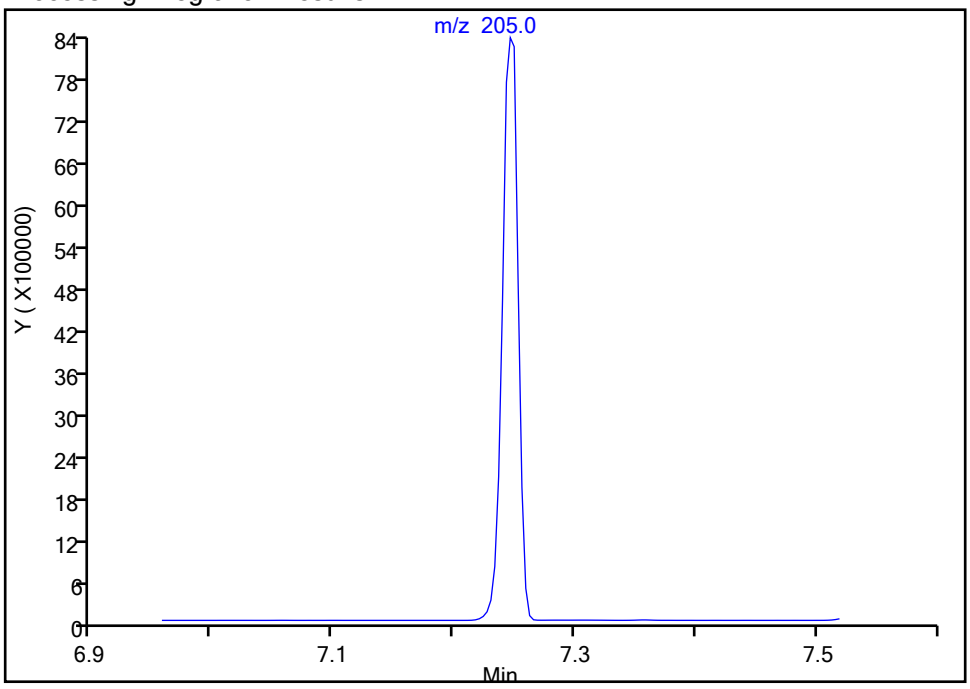
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

65 3,5-di-tert-butyl-4-hydroxytol, CAS: 128-37-0

Signal: 1

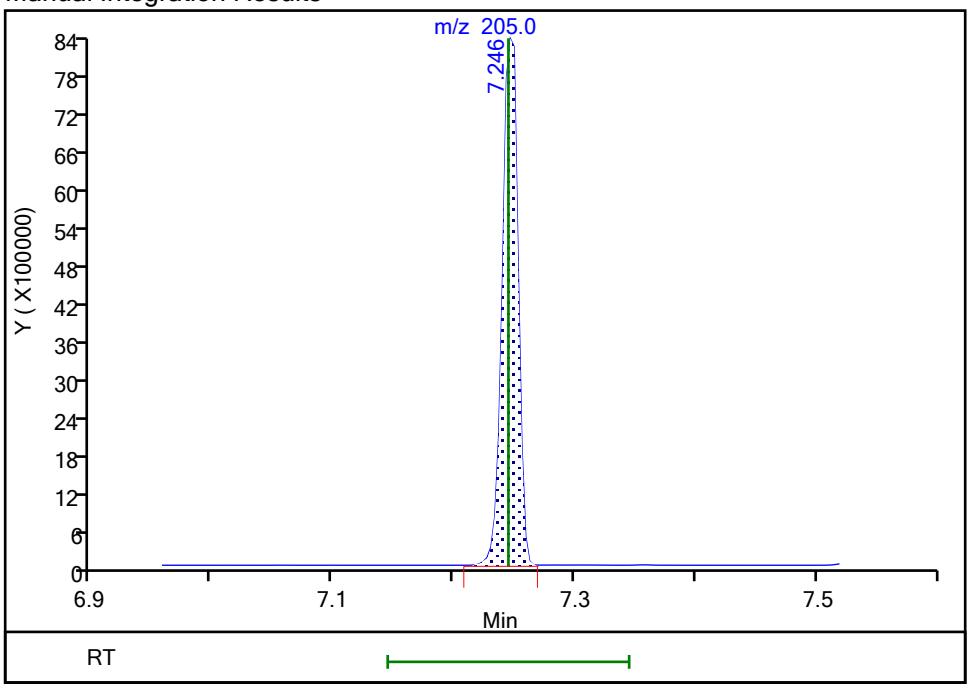
Not Detected
Expected RT: 7.24

Processing Integration Results



Manual Integration Results

RT: 7.25
Area: 7651358
Amount: 25.256521
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:00:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

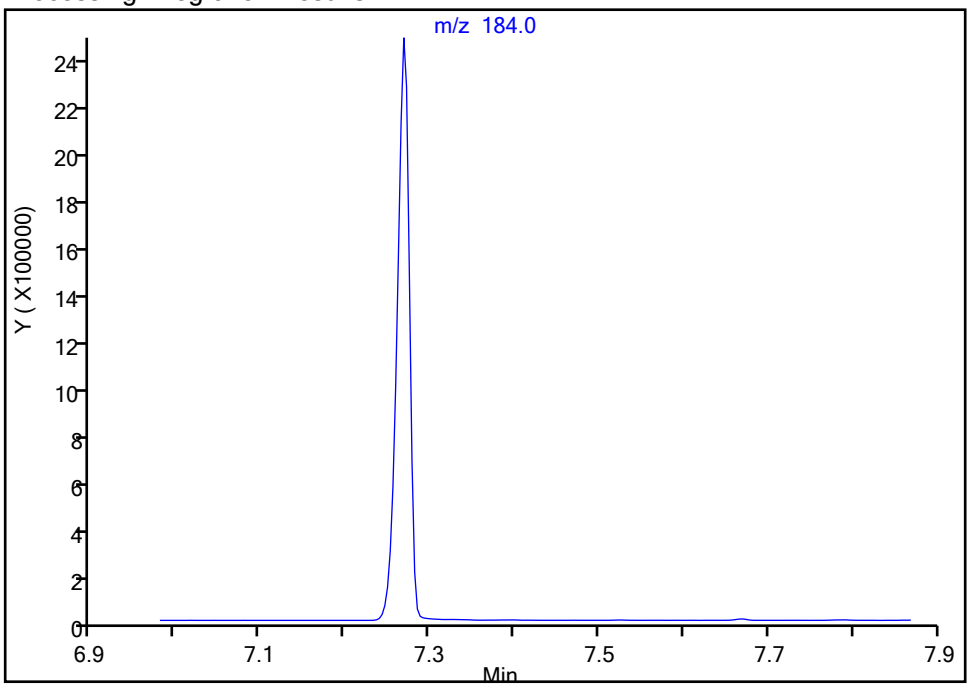
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

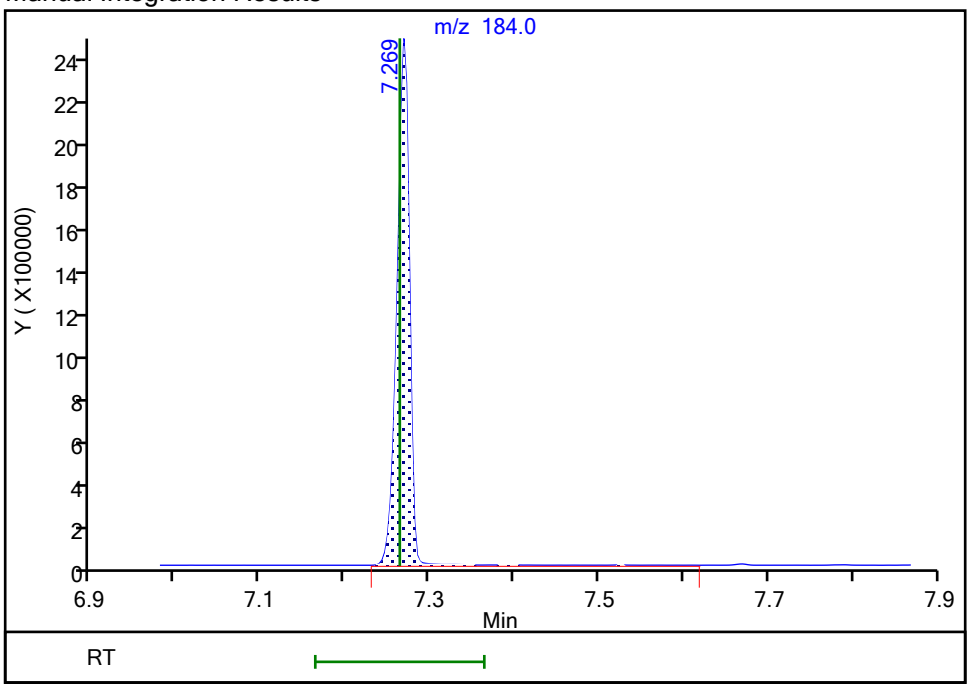
Not Detected
Expected RT: 7.26

Processing Integration Results



Manual Integration Results

RT: 7.27
Area: 2482925
Amount: 46.687157
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:00:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

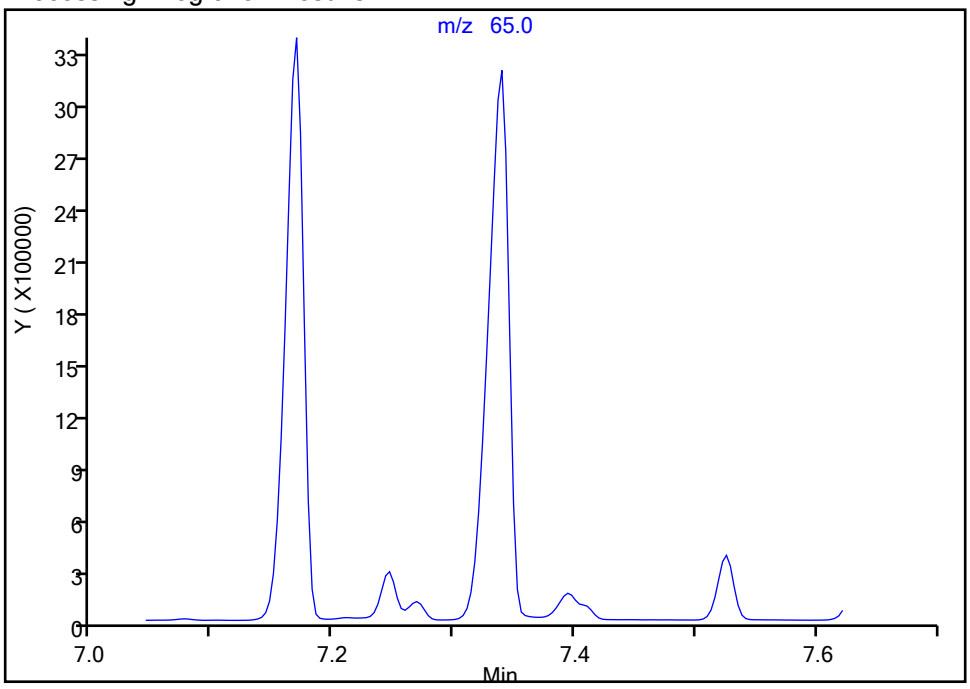
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

68 4-Nitrophenol, CAS: 100-02-7

Signal: 1

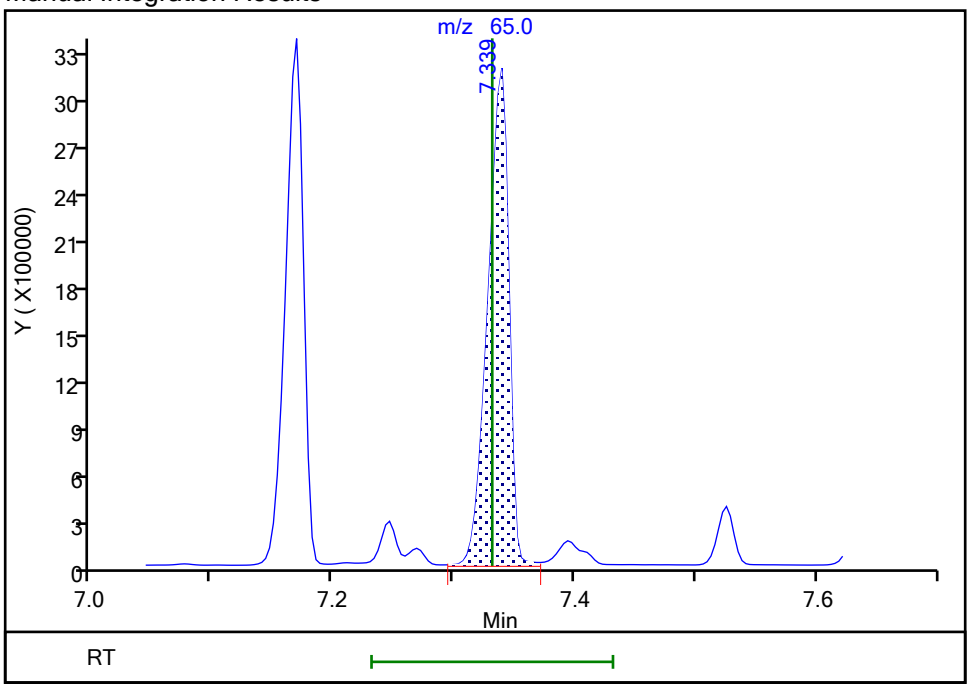
Not Detected
Expected RT: 7.33

Processing Integration Results



Manual Integration Results

RT: 7.34
Area: 3853965
Amount: 55.373835
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:00:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

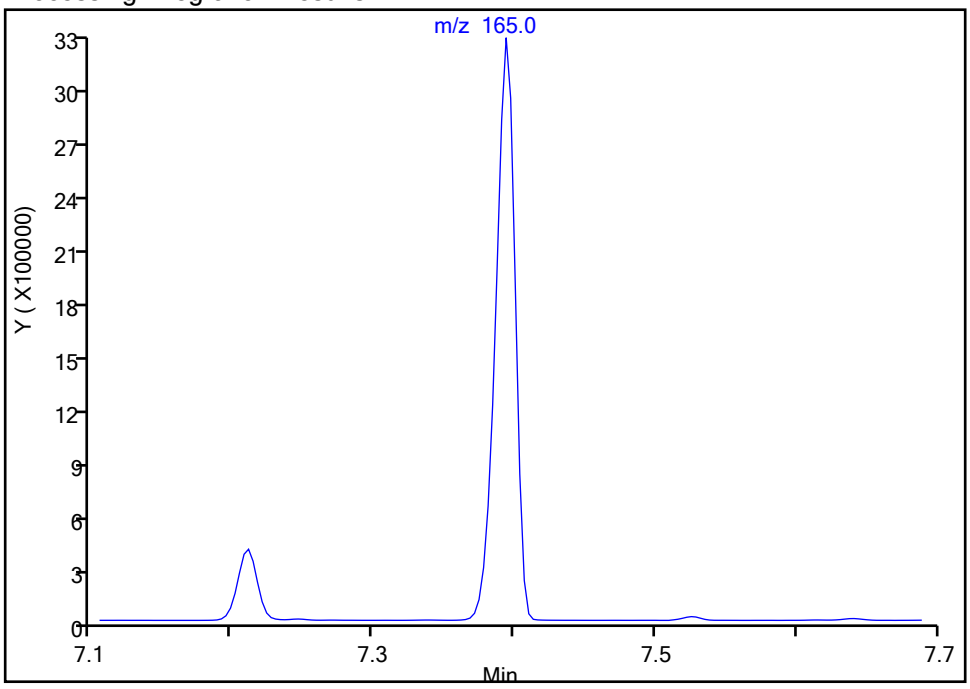
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

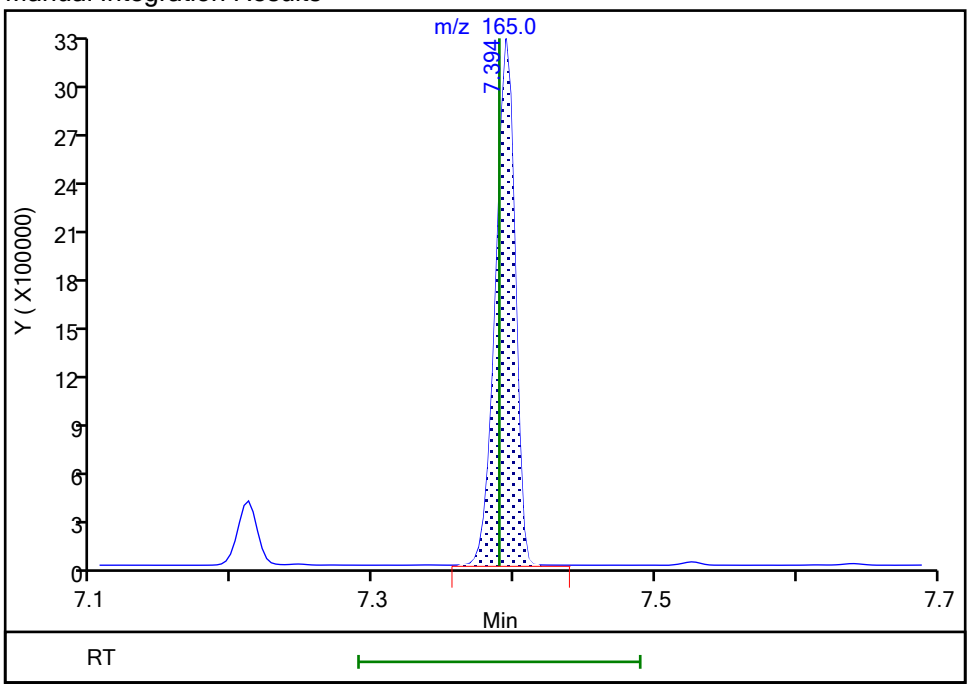
Not Detected
Expected RT: 7.39

Processing Integration Results



Manual Integration Results

RT: 7.39
Area: 3079514
Amount: 27.850389
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:00:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

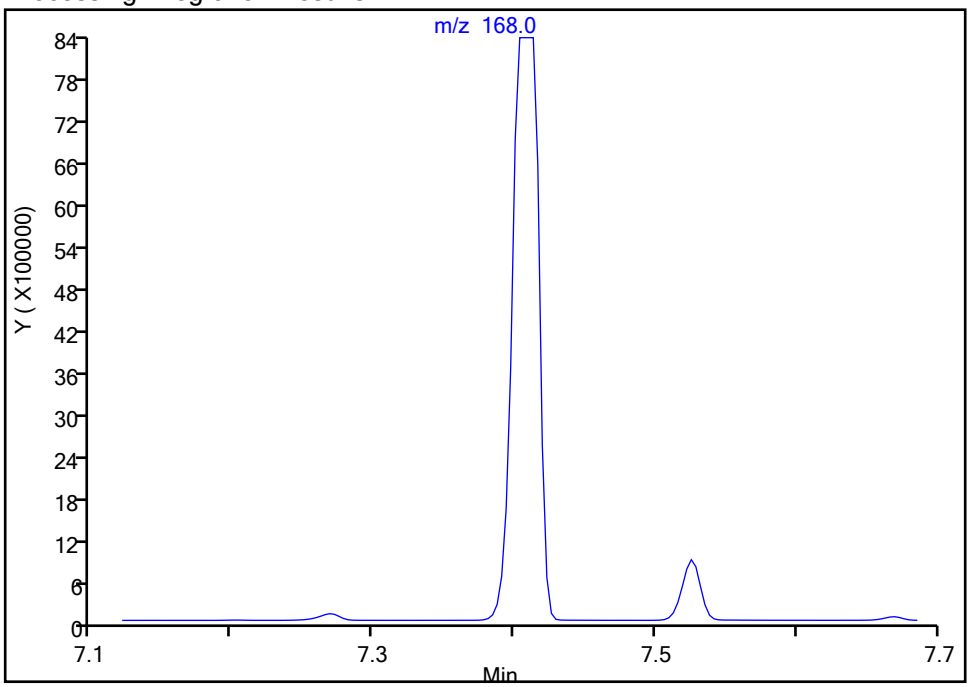
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

70 Dibenzofuran, CAS: 132-64-9

Signal: 1

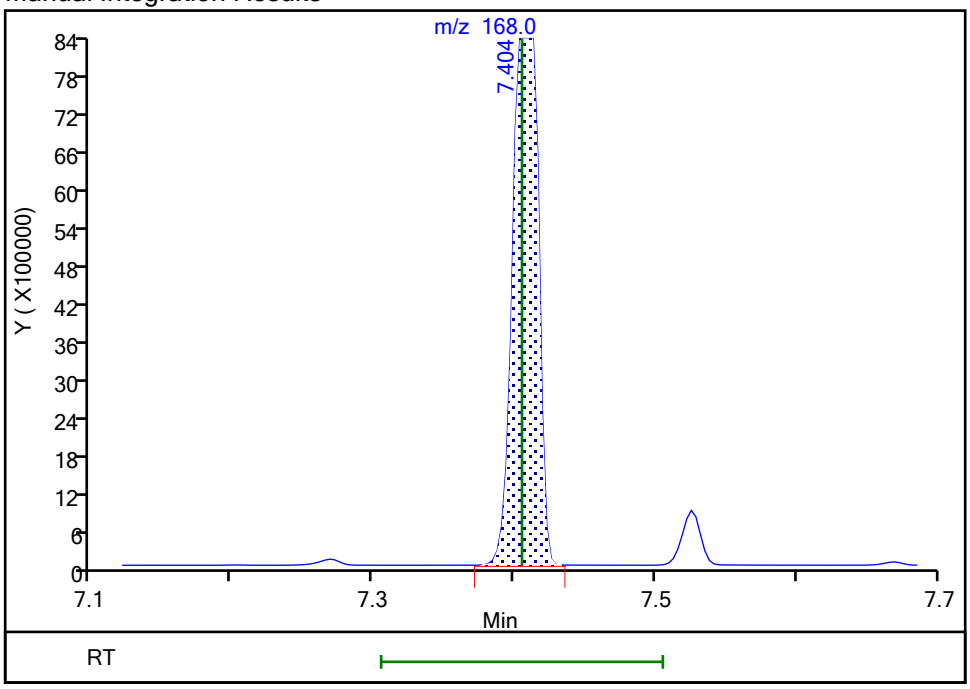
Not Detected
Expected RT: 7.41

Processing Integration Results



Manual Integration Results

RT: 7.40
Area: 10876784
Amount: 19.095865
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:00:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

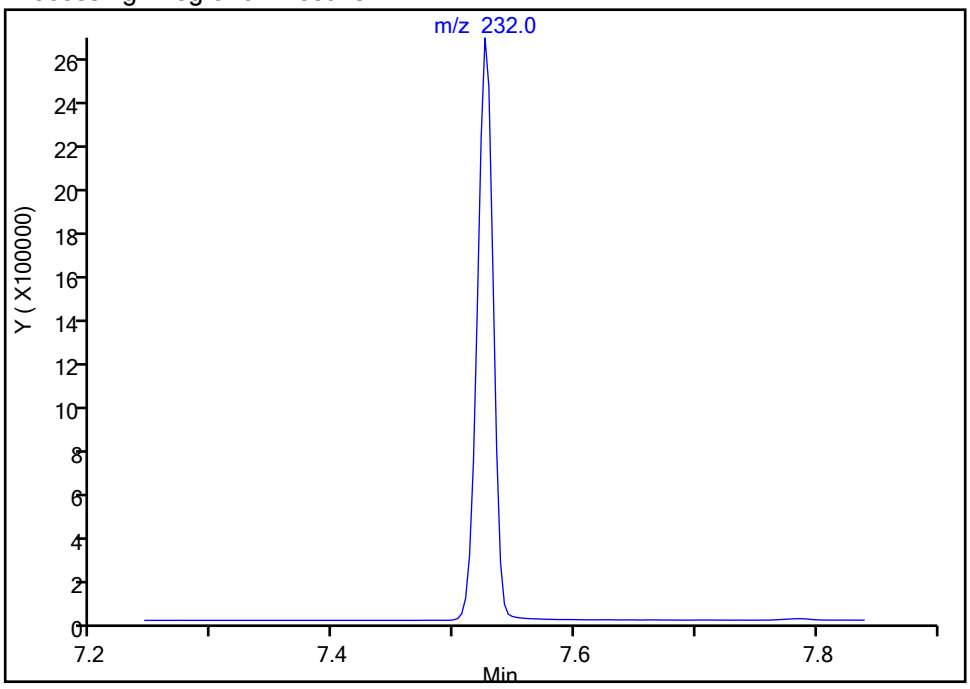
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

71 2,3,4,6-Tetrachlorophenol, CAS: 58-90-2

Signal: 1

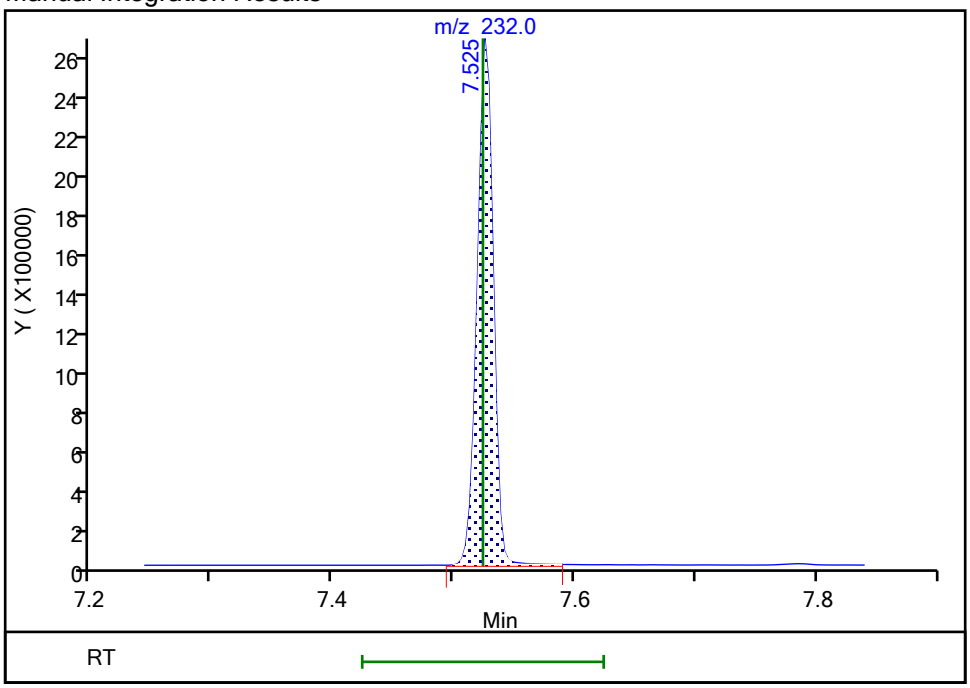
Not Detected
Expected RT: 7.52

Processing Integration Results



Manual Integration Results

RT: 7.53
Area: 2451476
Amount: 26.071115
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:00:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

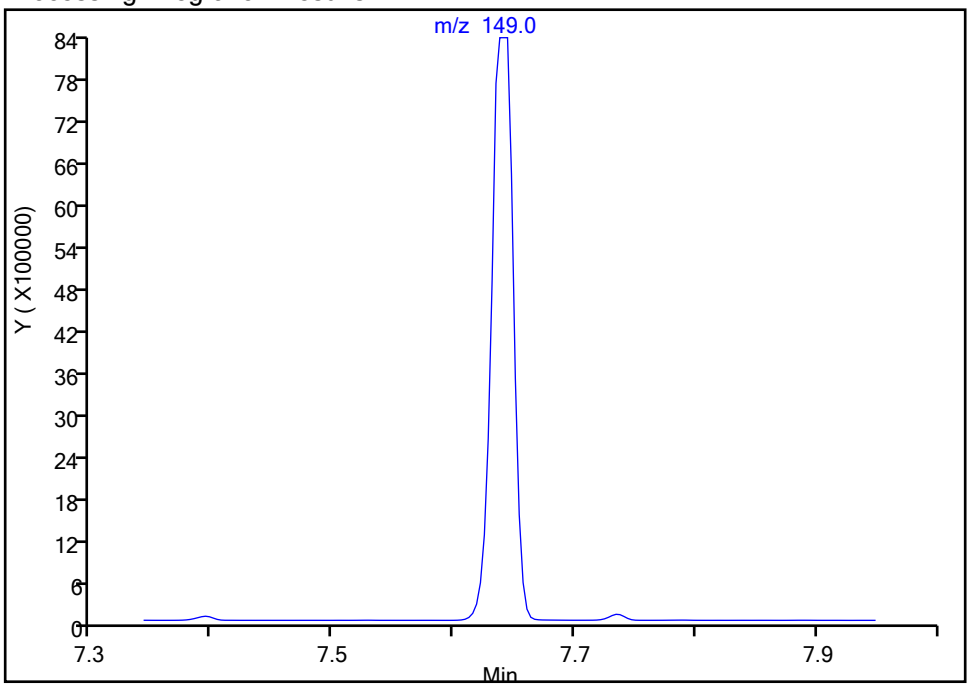
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

72 Diethyl phthalate, CAS: 84-66-2

Signal: 1

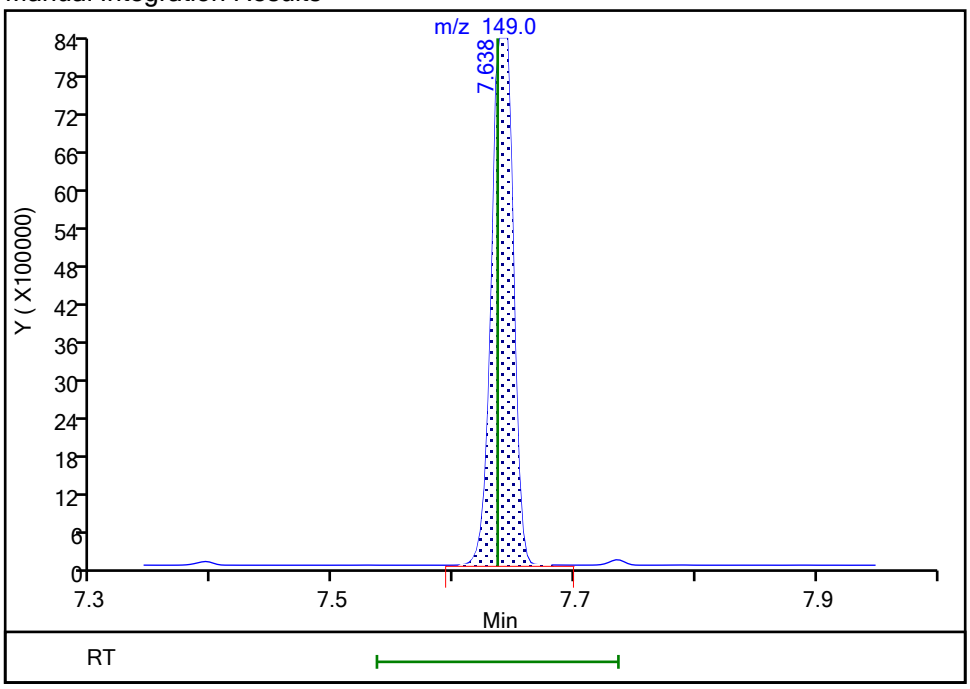
Not Detected
Expected RT: 7.64

Processing Integration Results



Manual Integration Results

RT: 7.64
Area: 10549952
Amount: 23.378740
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:00:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

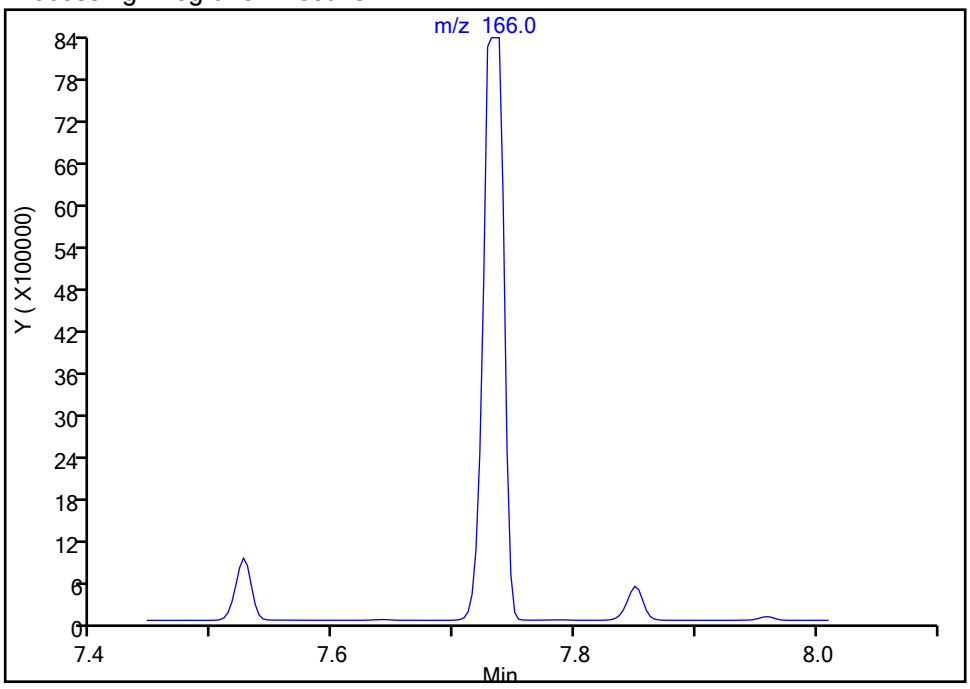
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

74 Fluorene, CAS: 86-73-7

Signal: 1

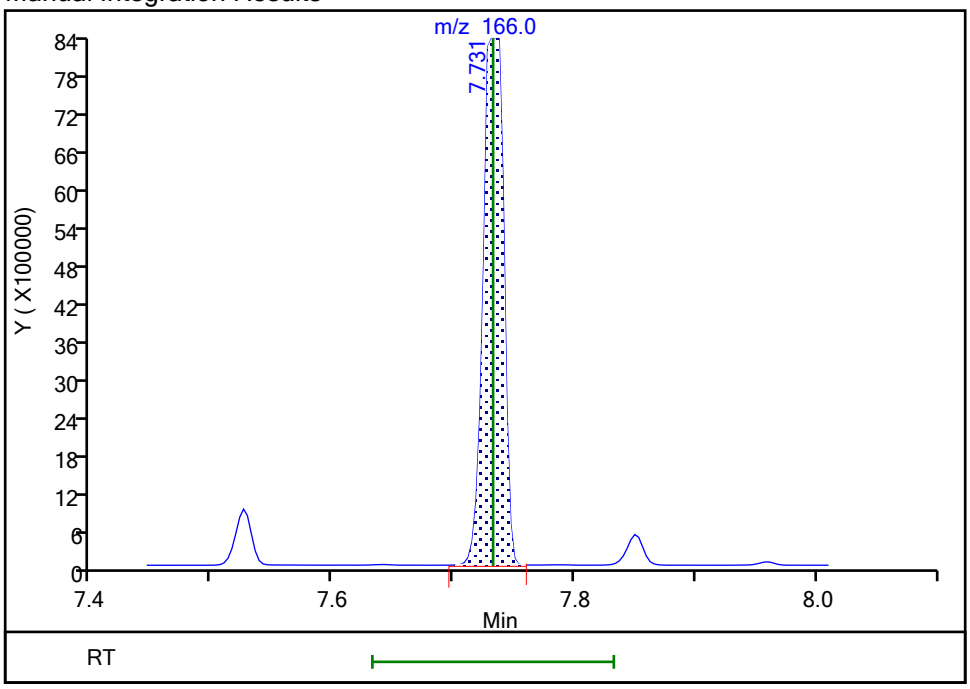
Not Detected
Expected RT: 7.73

Processing Integration Results



Manual Integration Results

RT: 7.73
Area: 9953137
Amount: 21.314625
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:00:06 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

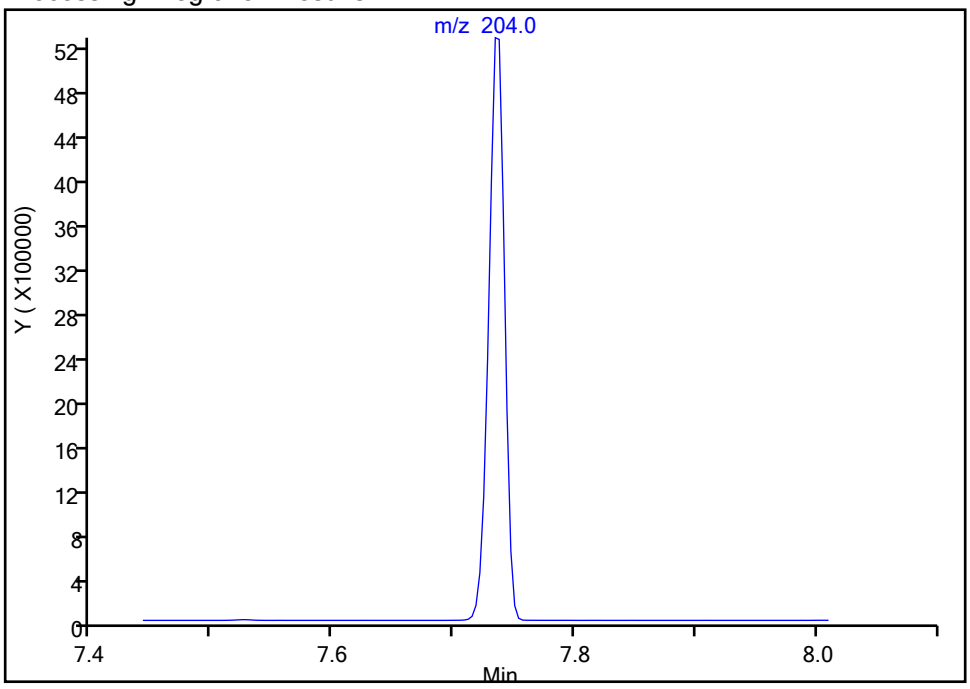
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

75 4-Chlorophenyl phenyl ether, CAS: 7005-72-3

Signal: 1

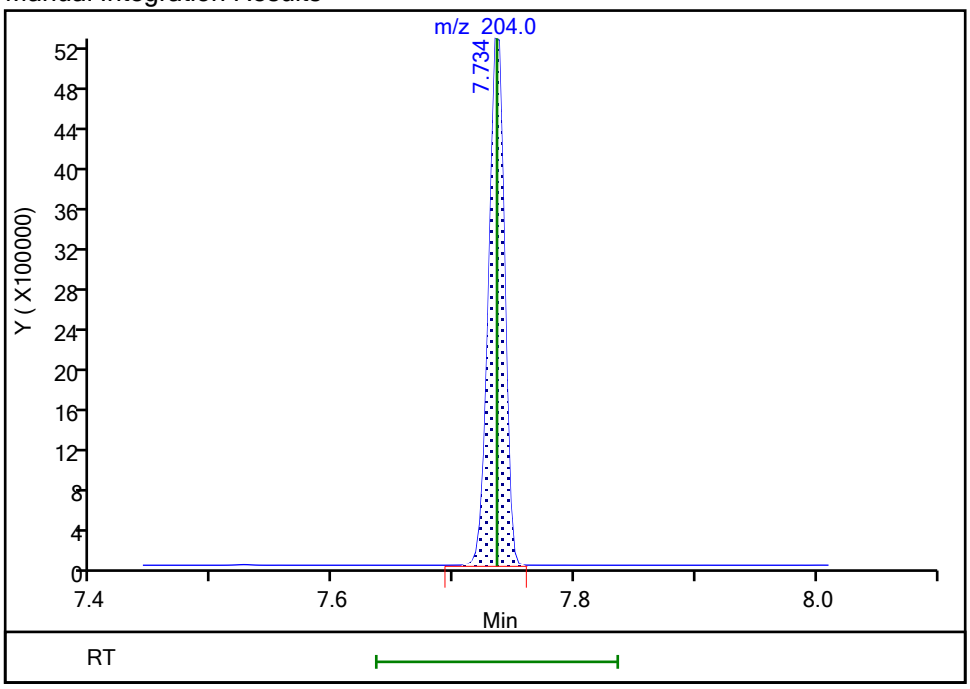
Not Detected
Expected RT: 7.74

Processing Integration Results



Manual Integration Results

RT: 7.73
Area: 4826177
Amount: 24.280269
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 06:59:53 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

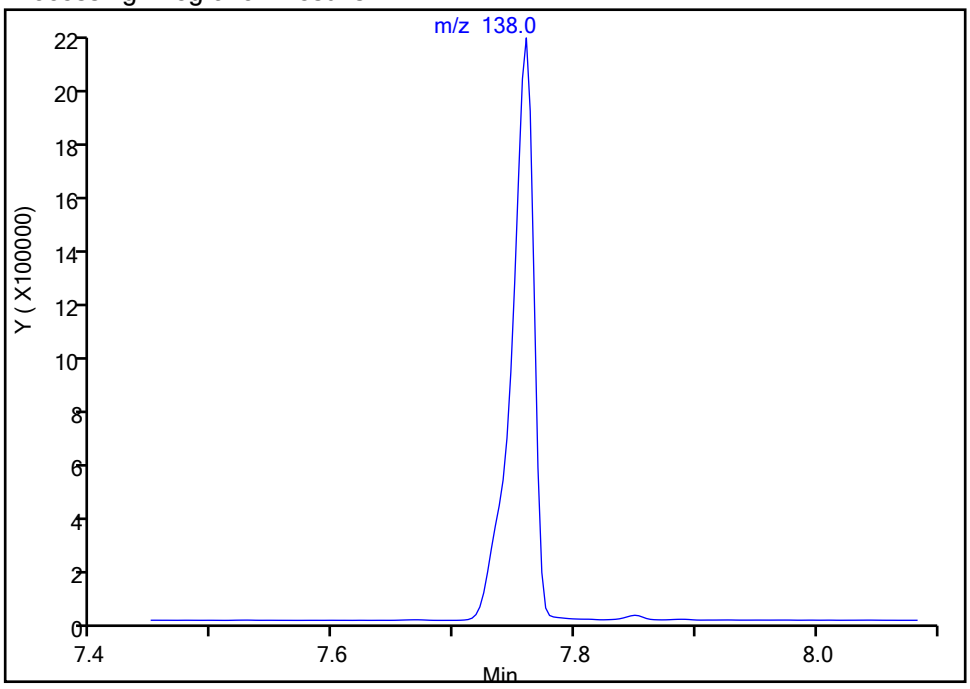
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

76 4-Nitroaniline, CAS: 100-01-6

Signal: 1

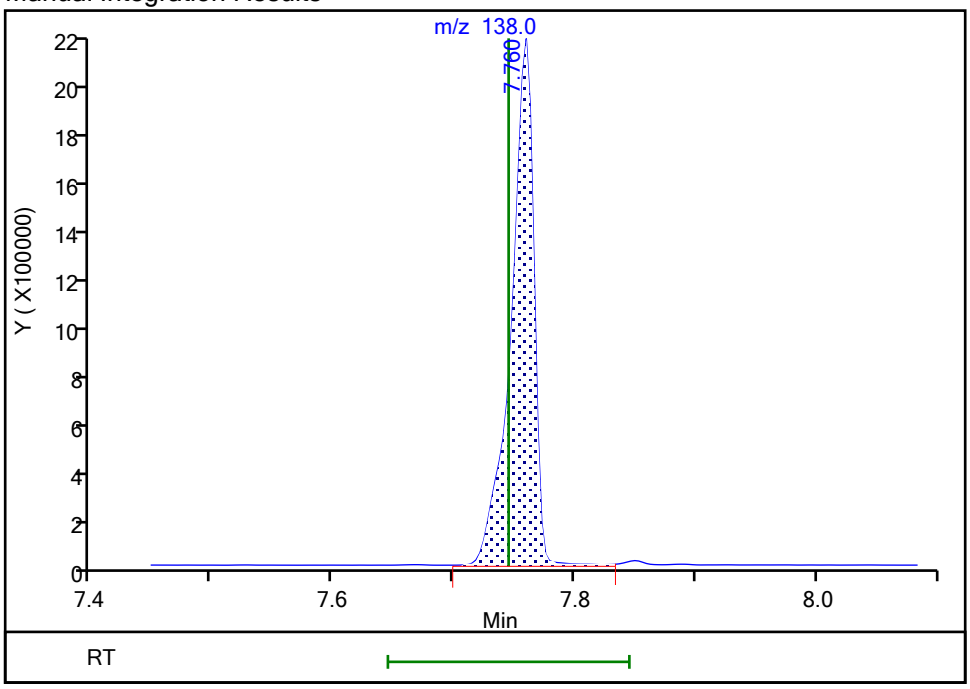
Not Detected
Expected RT: 7.75

Processing Integration Results



Manual Integration Results

RT: 7.76
Area: 2760901
Amount: 26.904476
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 06:59:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

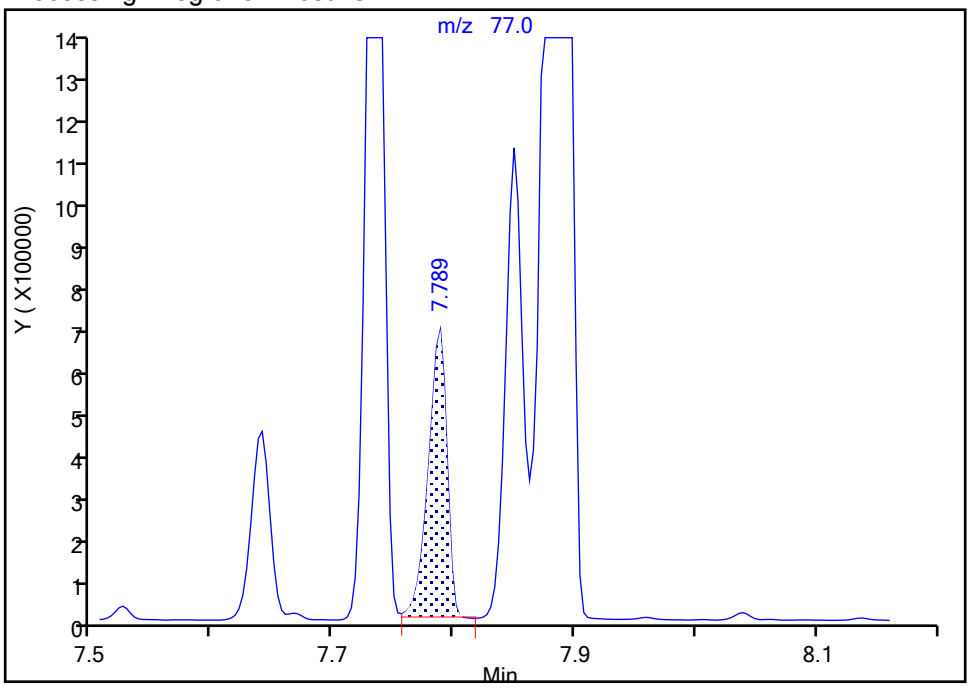
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

79 1,2-Diphenylhydrazine, CAS: 122-66-7

Signal: 1

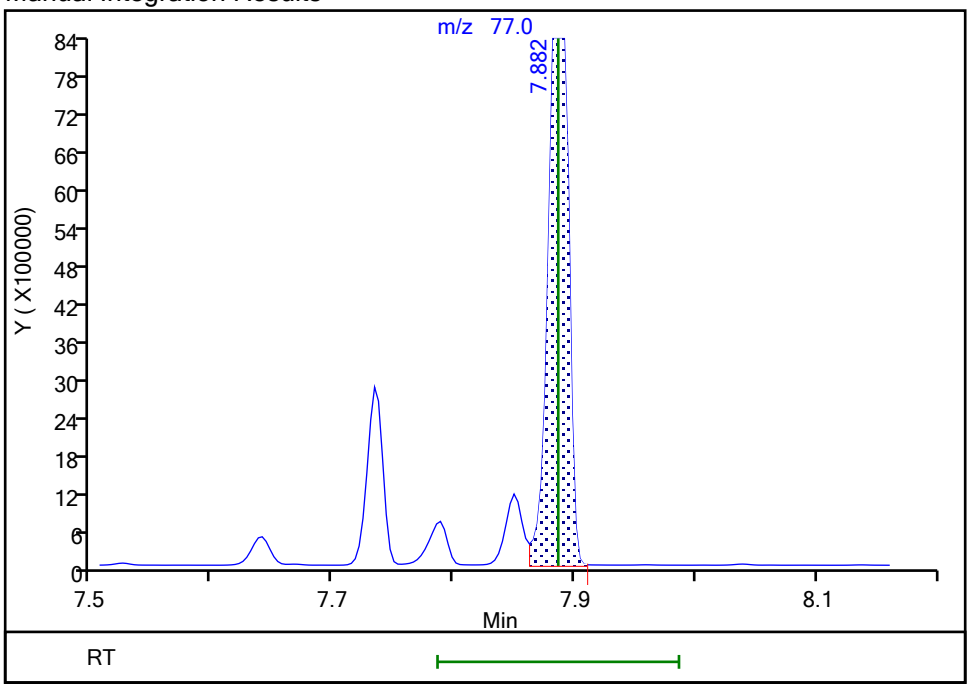
Processing Integration Results

RT: 7.79
Area: 746457
Amount: 2.551658
Amount Units: ug/ml



Manual Integration Results

RT: 7.88
Area: 10394354
Amount: 20.800548
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 06:59:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

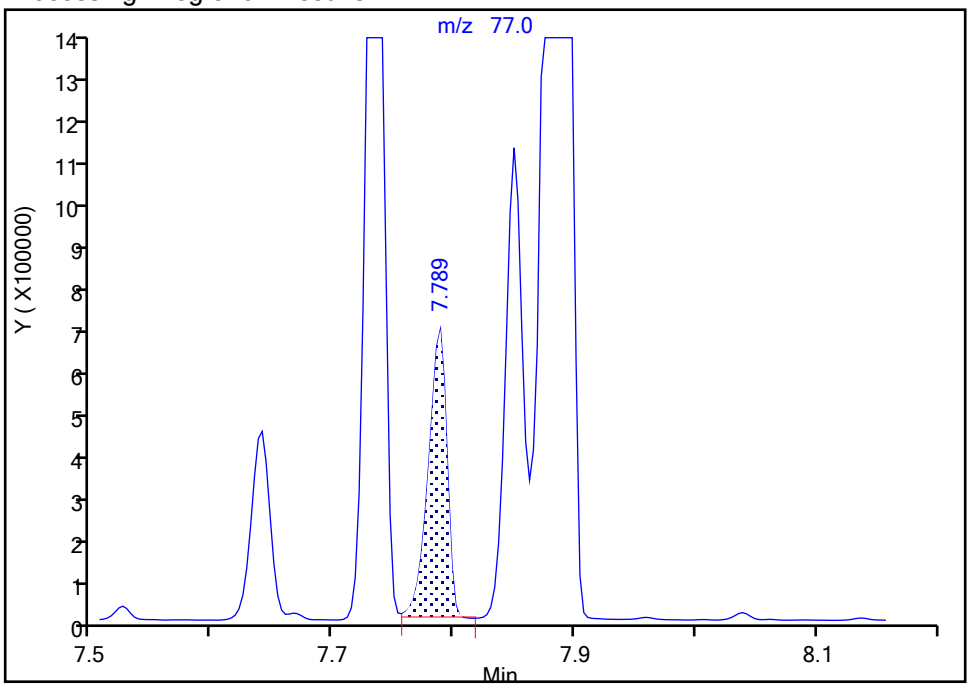
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

131 Azobenzene, CAS: 103-33-3

Signal: 1

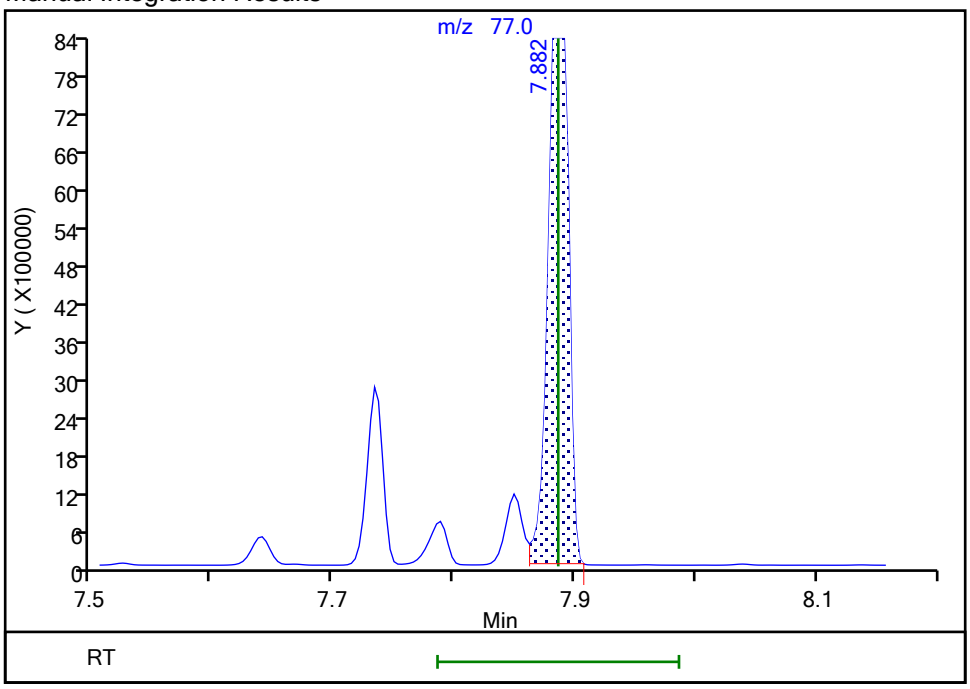
Processing Integration Results

RT: 7.79
Area: 746457
Amount: 2.551658
Amount Units: ug/ml



Manual Integration Results

RT: 7.88
Area: 10386628
Amount: 20.701735
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 06:59:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

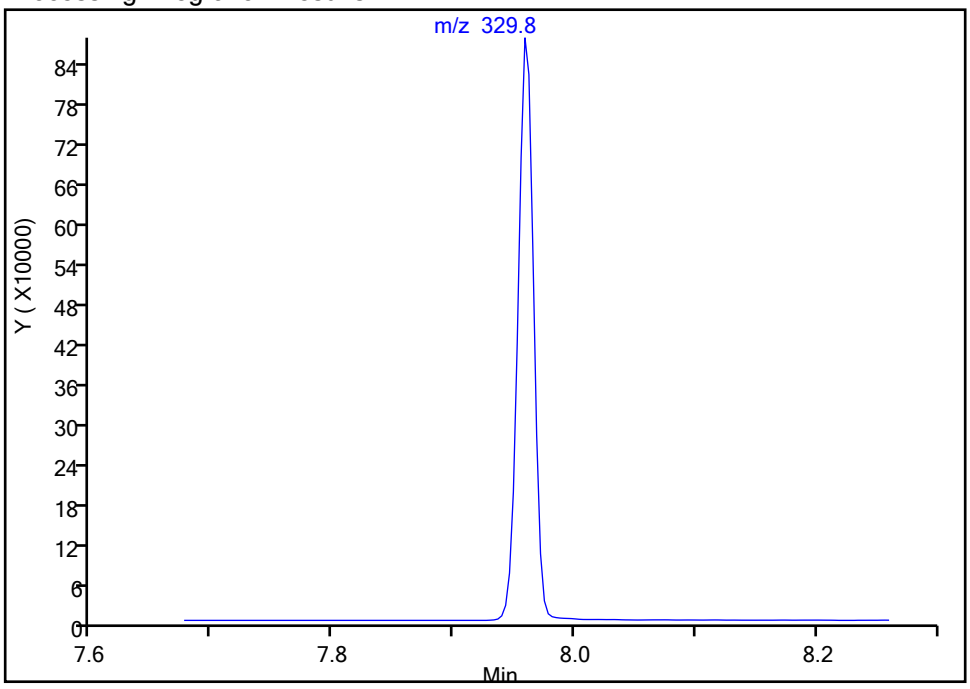
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 80 2,4,6-Tribromophenol, CAS: 118-79-6

Signal: 1

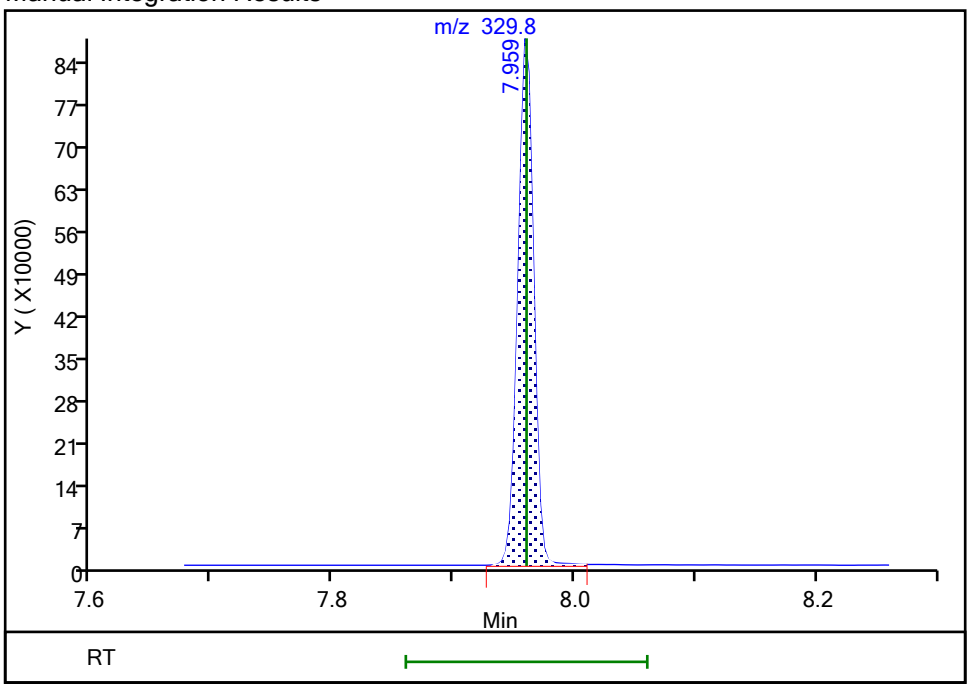
Not Detected
Expected RT: 7.96

Processing Integration Results



Manual Integration Results

RT: 7.96
Area: 791855
Amount: 10.580968
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 06:59:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

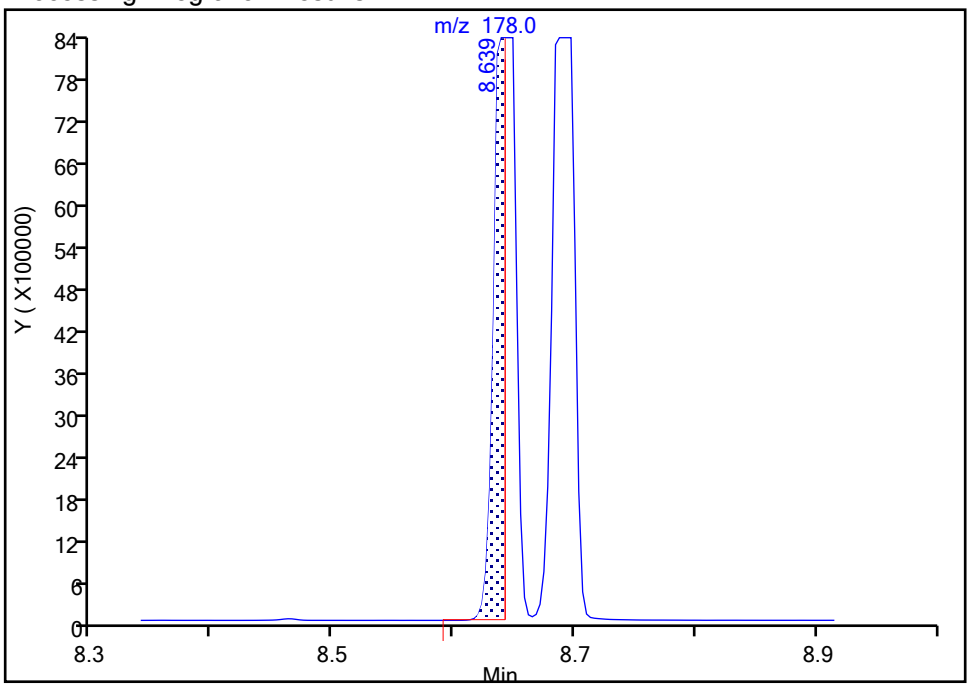
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

89 Phenanthrene, CAS: 85-01-8

Signal: 1

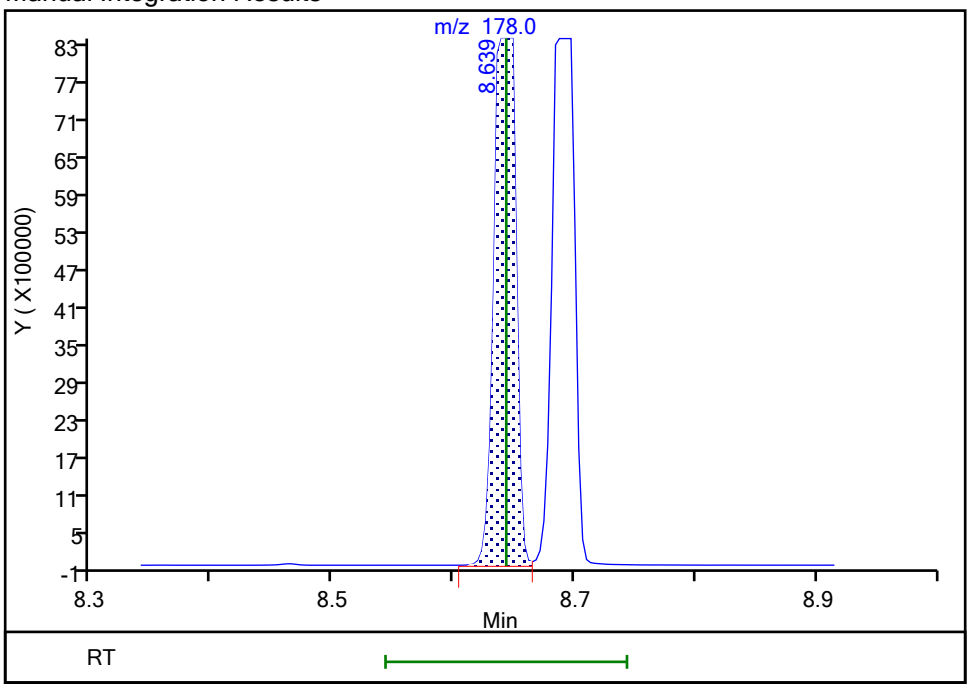
Processing Integration Results

RT: 8.64
Area: 6220972
Amount: 24.000000
Amount Units: ug/ml



Manual Integration Results

RT: 8.64
Area: 10743416
Amount: 18.899532
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 06:58:55 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

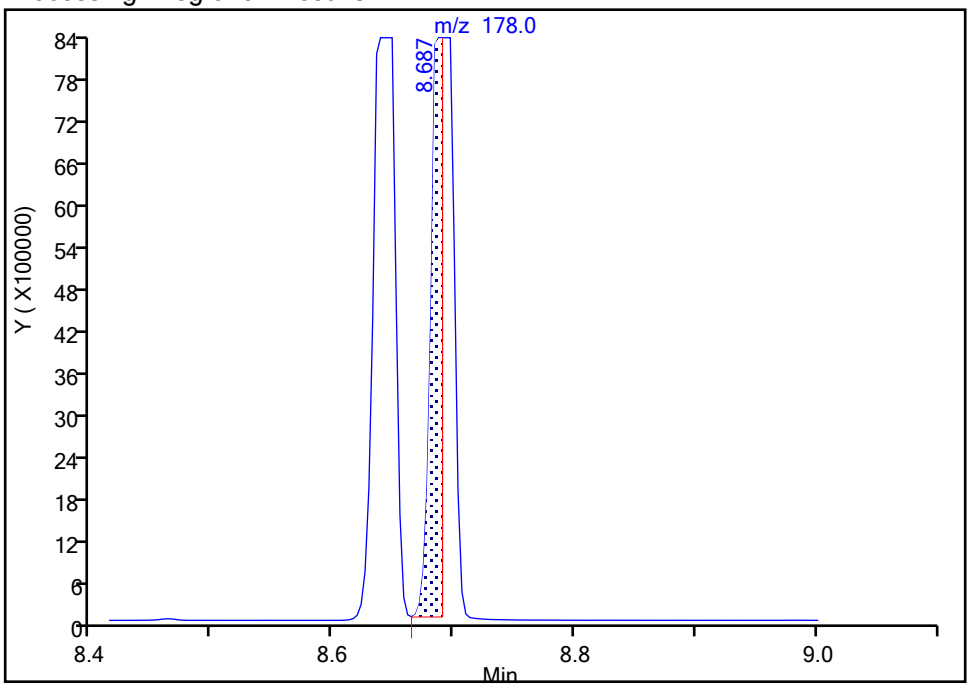
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

90 Anthracene, CAS: 120-12-7

Signal: 1

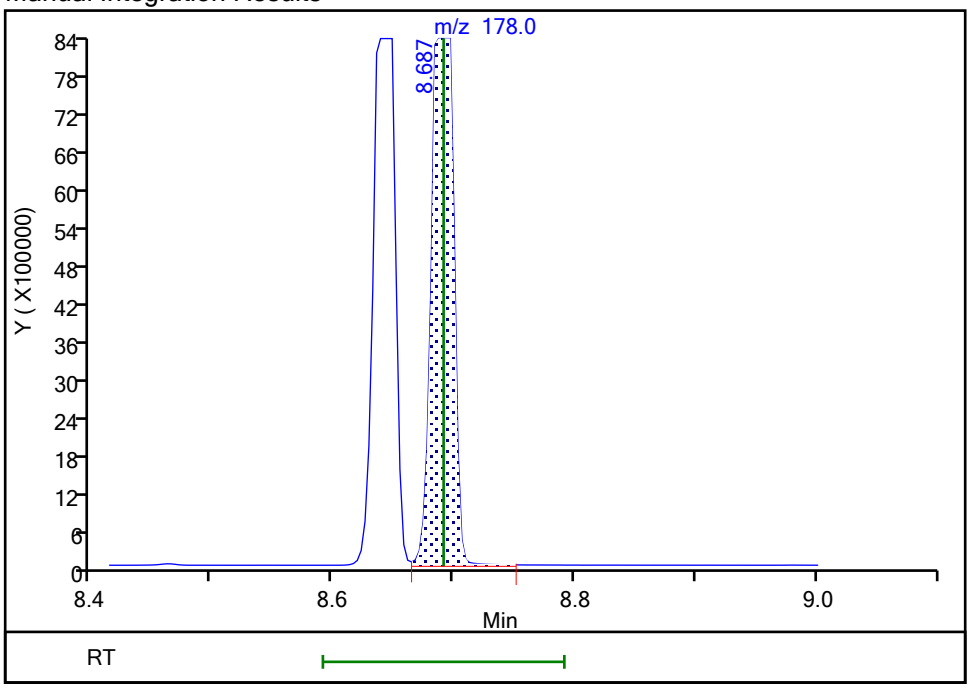
Processing Integration Results

RT: 8.69
Area: 6174001
Amount: 13.855218
Amount Units: ug/ml



Manual Integration Results

RT: 8.69
Area: 11024017
Amount: 19.093708
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 06:58:46 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

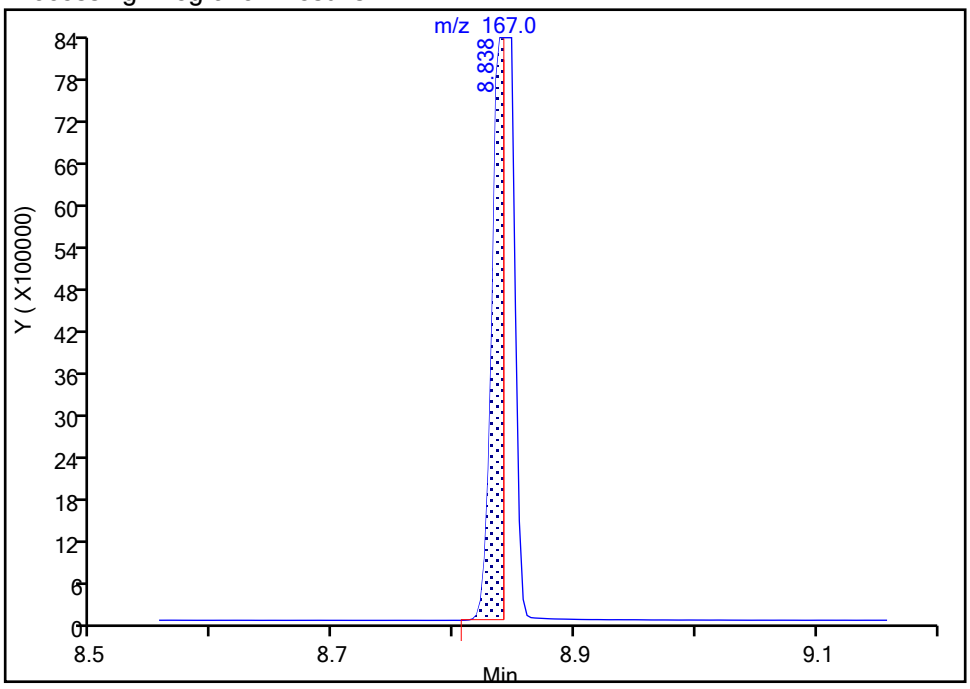
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

91 Carbazole, CAS: 86-74-8

Signal: 1

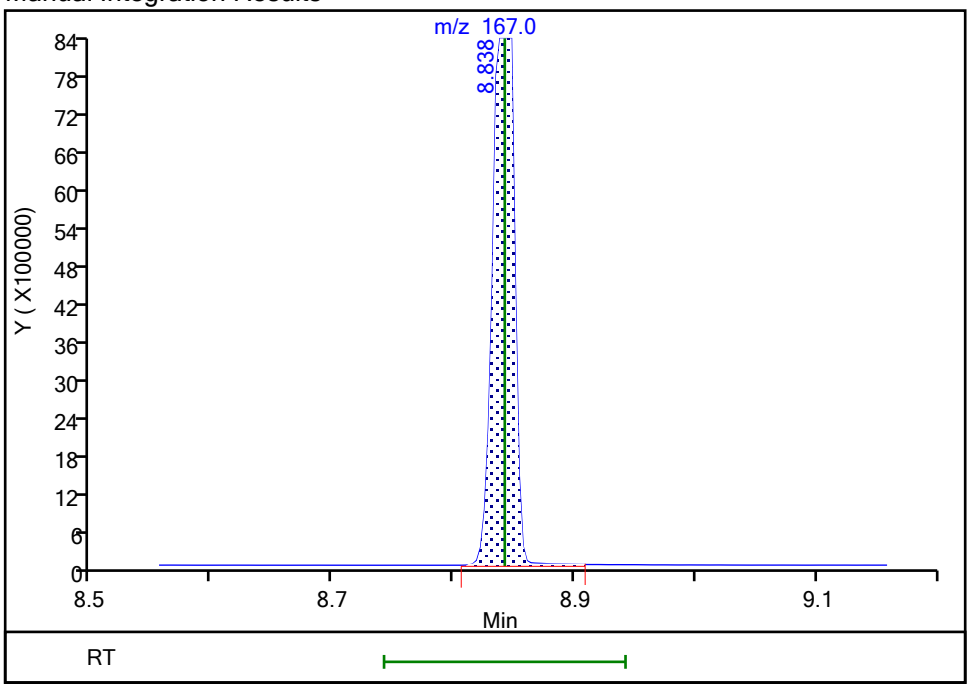
Processing Integration Results

RT: 8.84
Area: 6255045
Amount: 24.000000
Amount Units: ug/ml



Manual Integration Results

RT: 8.84
Area: 10757787
Amount: 20.491536
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 06:58:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

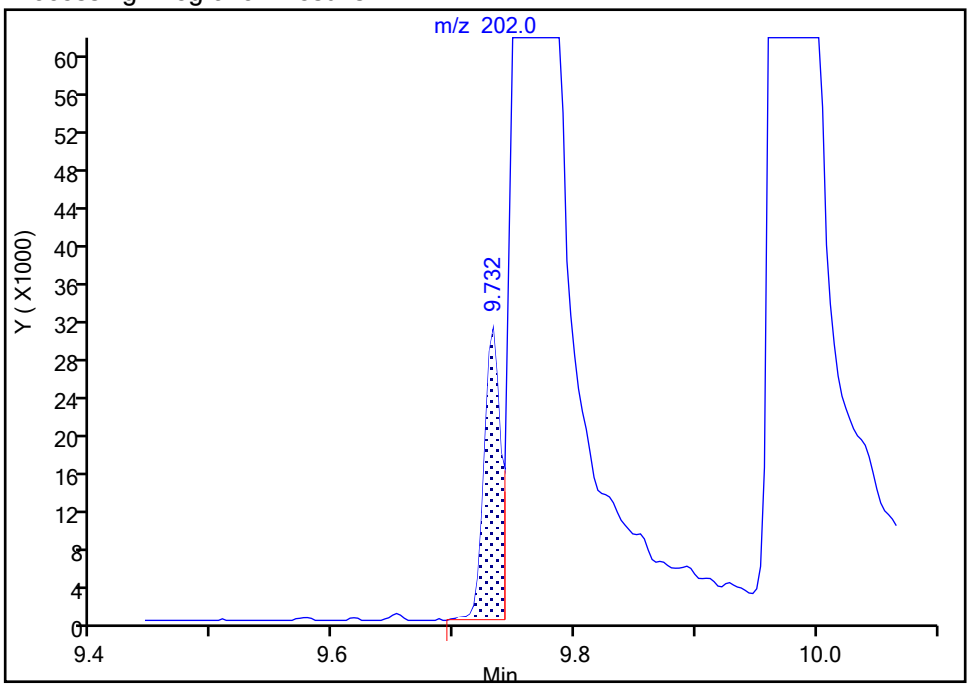
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

93 Fluoranthene, CAS: 206-44-0

Signal: 1

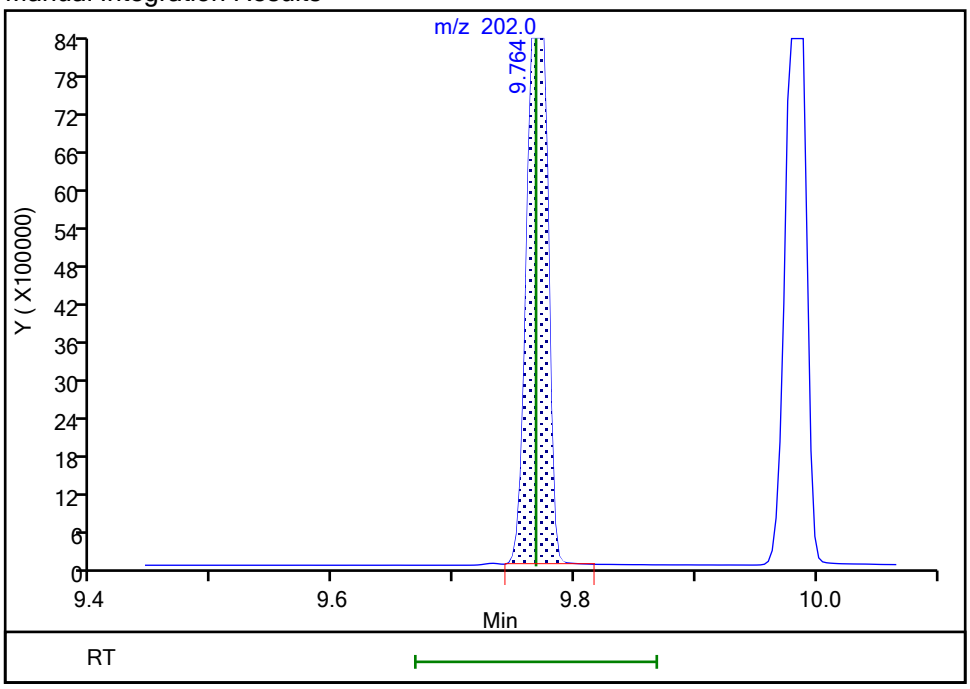
Processing Integration Results

RT: 9.73
Area: 30507
Amount: 0.110350
Amount Units: ug/ml



Manual Integration Results

RT: 9.76
Area: 10557527
Amount: 20.670106
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 06:58:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

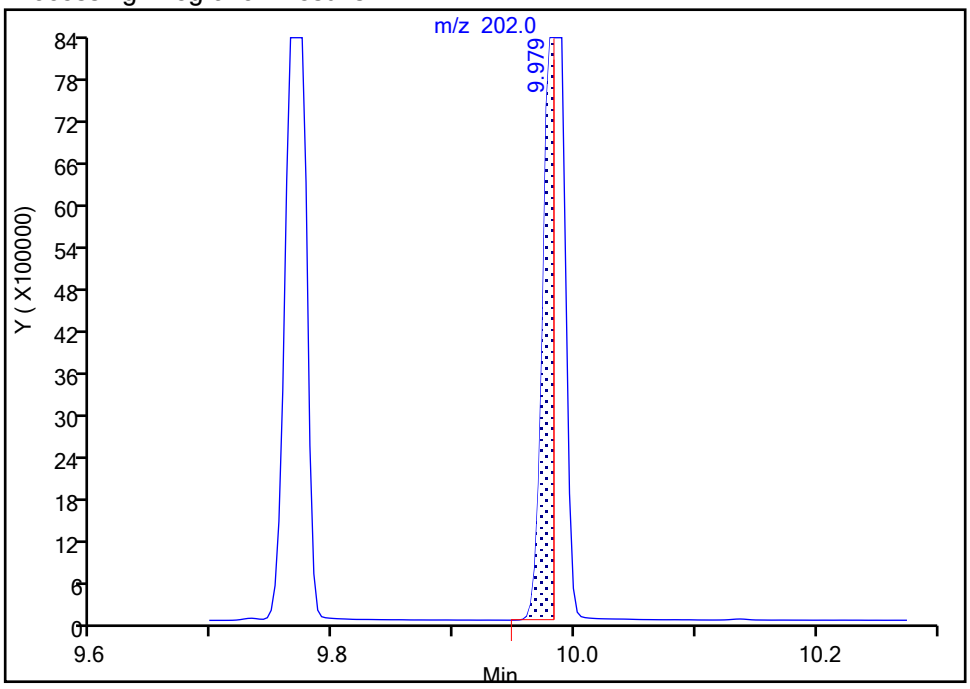
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

95 Pyrene, CAS: 129-00-0

Signal: 1

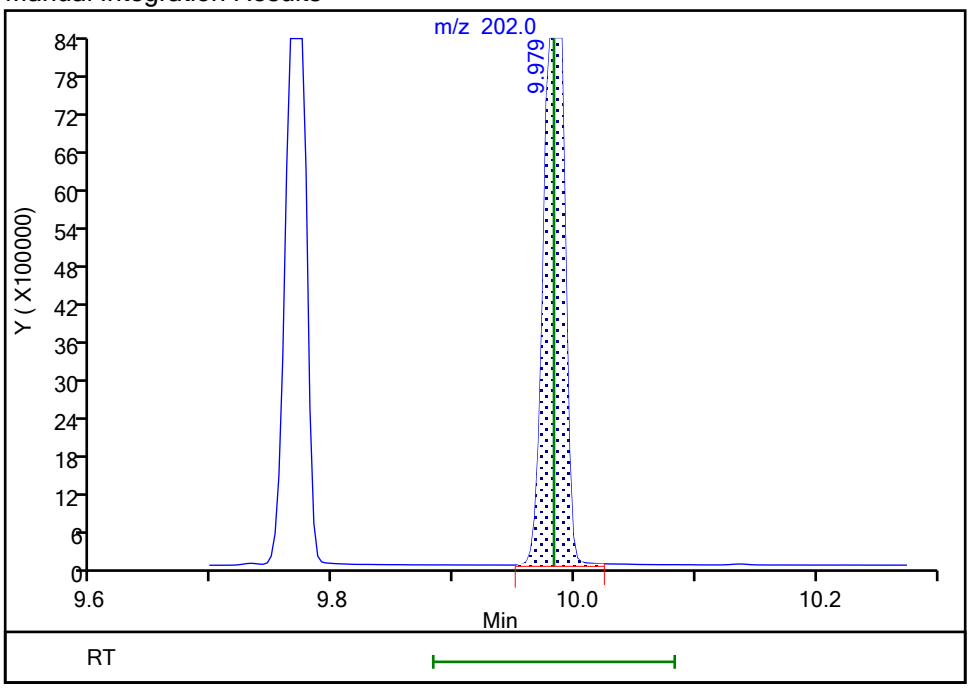
Processing Integration Results

RT: 9.98
Area: 6030164
Amount: 24.000000
Amount Units: ug/ml



Manual Integration Results

RT: 9.98
Area: 10742692
Amount: 20.312077
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 06:58:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

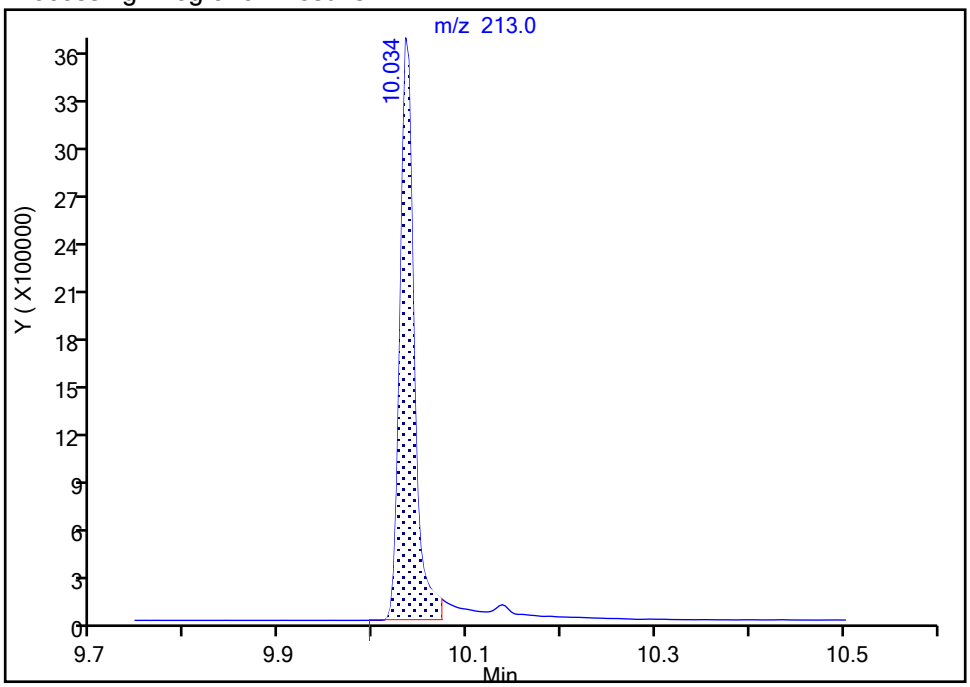
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

96 Bisphenol-A, CAS: 80-05-7

Signal: 1

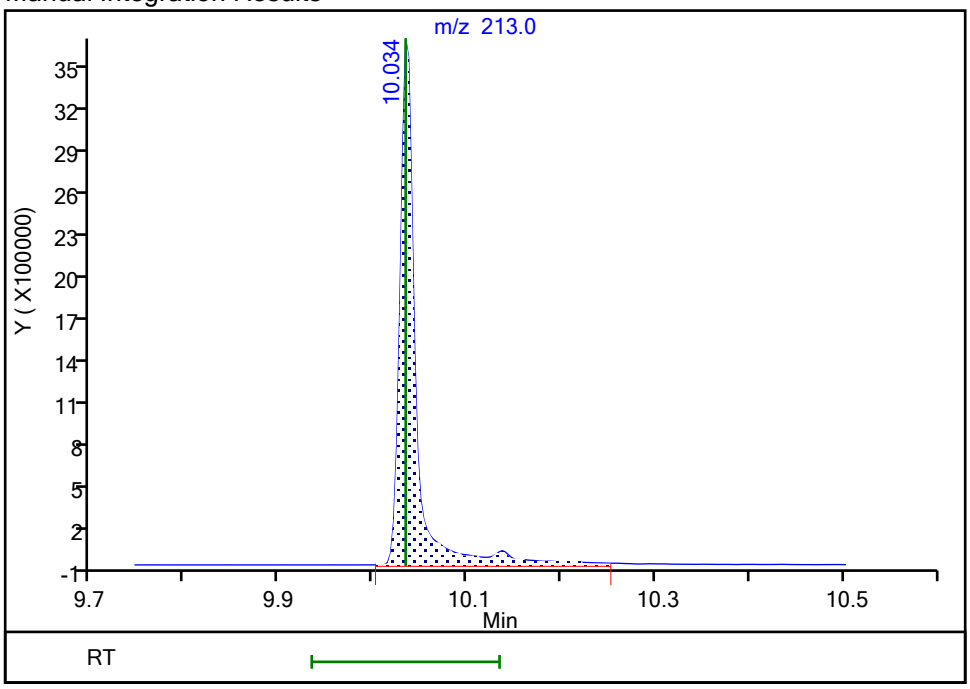
Processing Integration Results

RT: 10.03
Area: 3775108
Amount: 28.294153
Amount Units: ug/ml



Manual Integration Results

RT: 10.03
Area: 4288936
Amount: 27.766817
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:58:53 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

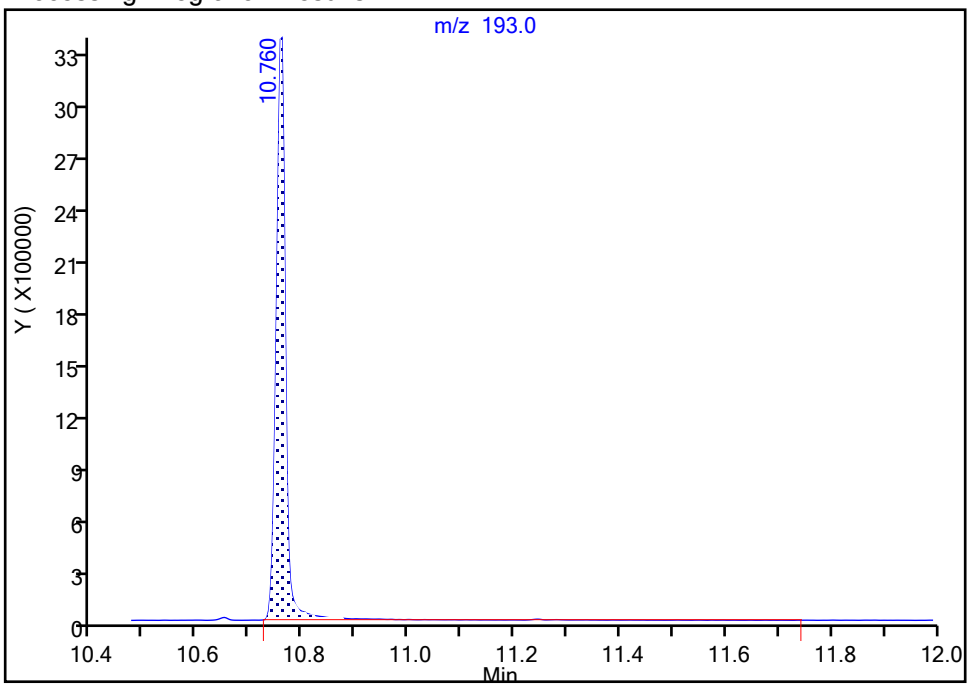
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D
Injection Date: 25-Jul-2025 06:31:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

100 Carbamazepine, CAS: 298-46-4

Signal: 1

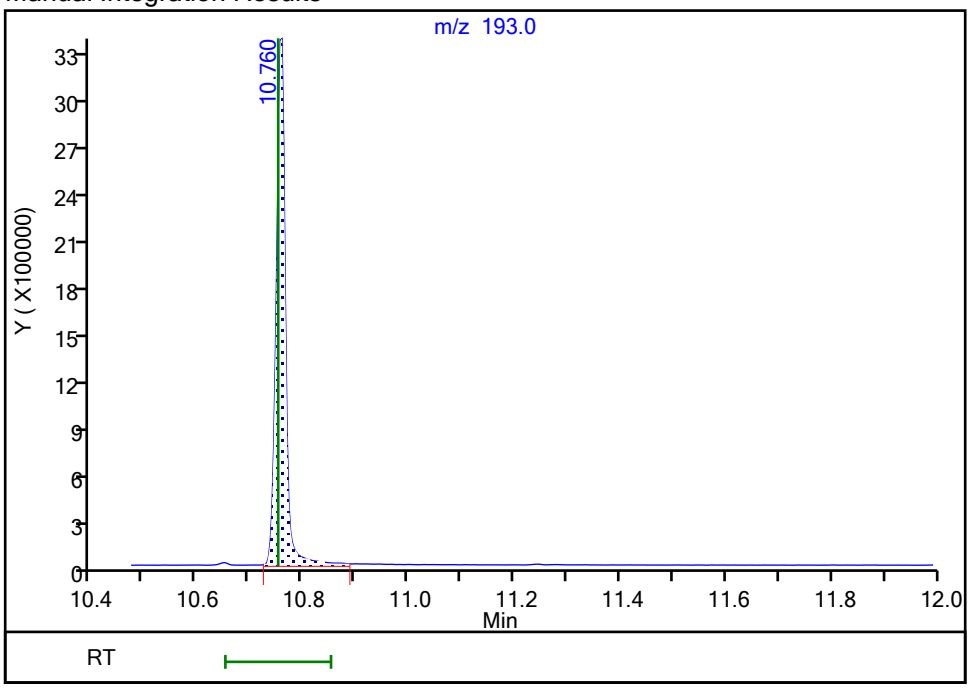
Processing Integration Results

RT: 10.76
Area: 4122847
Amount: 23.865512
Amount Units: ug/ml



Manual Integration Results

RT: 10.76
Area: 4036127
Amount: 23.486099
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 08:59:37 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

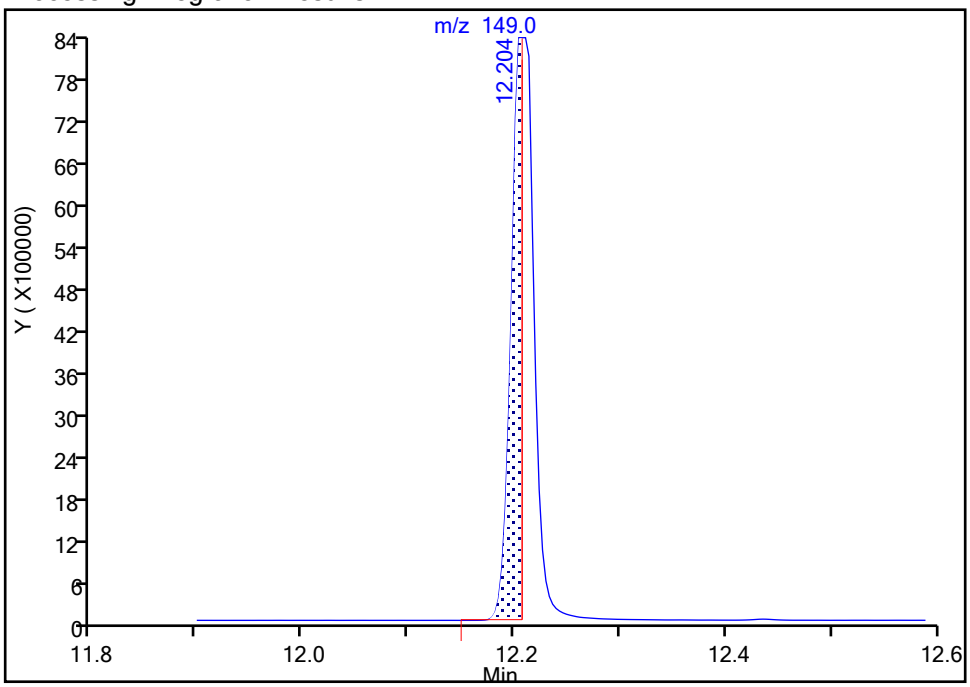
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351410.D				
Injection Date:	25-Jul-2025 06:31:30	Instrument ID:	CBNAMS17		
Lims ID:	STD24				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Di-n-octyl phthalate, CAS: 117-84-0

Signal: 1

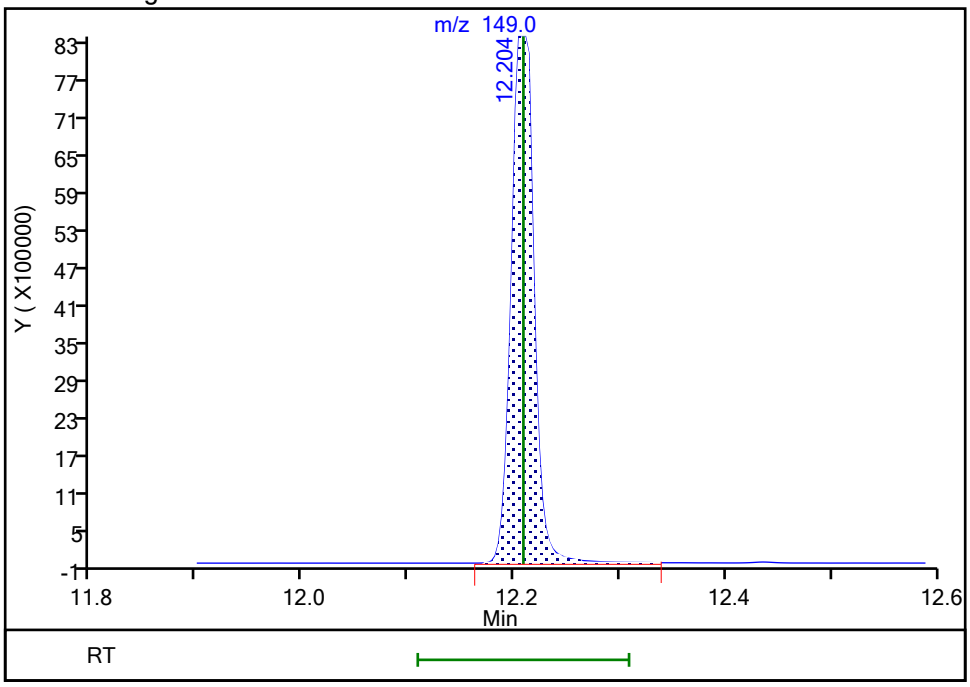
Processing Integration Results

RT: 12.20
Area: 6695575
Amount: 24.000000
Amount Units: ug/ml



Manual Integration Results

RT: 12.20
Area: 12647782
Amount: 23.249458
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 06:57:48 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 25-Jul-2025 06:52:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194057-004
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 25-Jul-2025 10:59:19 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: G4KC Date: 25-Jul-2025 07:22:52

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.846	1.840	0.006	92	2483887	16.0	17.0	
	2 N-Nitrosodimethylamine	74	2.026	2.019	0.007	99	3872918	16.0	17.0	a
	3 Pyridine	79	2.064	2.064	0.000	83	10070652	32.0	30.5	ea
$	4 2-Fluorophenol	112	3.062	3.061	0.001	97	3416299	10.0	9.62	a
	5 Benzaldehyde	77	3.870	3.873	-0.003	98	1280029	4.80	4.44	a
$	6 Phenol-d5	99	3.941	3.937	0.004	0	4236556	10.0	9.35	a
	7 Phenol	94	3.954	3.950	0.004	97	7270784	16.0	17.2	a
	8 Aniline	93	3.982	3.979	0.003	96	9100128	16.0	17.4	a
	9 Bis(2-chloroethyl)ether	93	4.040	4.040	0.000	97	5729002	16.0	17.0	a
	10 Benzonitrile	103	4.059	4.056	0.003	97	10873551	NC	NC	ea
	11 2-Chlorophenol	128	4.098	4.097	0.001	98	5571393	16.0	17.1	a
	13 n-Decane	43	4.158	4.158	0.000	88	5146088	16.0	16.7	a
	14 1,3-Dichlorobenzene	146	4.248	4.248	0.000	96	5990036	16.0	16.6	a
*	15 1,4-Dichlorobenzene-d4	152	4.299	4.299	0.000	96	1843200	8.00	8.00	a
	16 1,4-Dichlorobenzene	146	4.315	4.315	0.000	95	6090856	16.0	16.5	a
	17 Benzyl alcohol	108	4.431	4.430	0.000	95	3591194	16.0	17.8	a
	19 1,2-Dichlorobenzene	146	4.463	4.465	-0.002	96	5732672	16.0	16.8	a
	20 2-Methylphenol	108	4.539	4.539	0.000	91	5104857	16.0	17.1	a
	21 2,2'-oxybis[1-chloropropane]	45	4.565	4.564	0.001	96	6179065	16.0	15.9	a
	24 N-Methylaniline	106	4.677	4.676	0.001	95	8554560	16.0	17.1	a
	26 Acetophenone	105	4.690	4.686	0.004	92	7491849	16.0	16.4	a
	25 N-Nitrosodi-n-propylamine	70	4.693	4.689	0.004	78	3486920	16.0	15.7	a
	23 3 & 4 Methylphenol	108	4.693	4.689	0.004	0	5398279	16.0	16.4	a
	22 4-Methylphenol	108	4.693	4.689	0.004	87	5333730	16.0	16.4	a
	27 Hexachloroethane	117	4.792	4.795	-0.003	94	2313595	16.0	16.7	a
$	28 Nitrobenzene-d5	82	4.828	4.827	0.001	84	3282085	10.0	9.43	
	29 Nitrobenzene	123	4.850	4.846	0.004	99	2579632	16.0	16.7	
	30 n,n'-Dimethylaniline	120	4.856	4.859	-0.003	94	8042819	16.0	16.8	ea
	31 Isophorone	82	5.087	5.083	0.004	99	9980192	16.0	17.1	e
	32 2-Nitrophenol	139	5.157	5.156	0.001	96	2505033	16.0	18.4	
	33 2,4-Dimethylphenol	122	5.205	5.204	0.001	92	4559247	16.0	17.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Bis(2-chloroethoxy)methane	93	5.295	5.294	0.001	97	6488370	16.0	17.1	
34 Benzoic acid	122	5.330	5.304	0.026	88	2634937	16.0	17.5	
36 2,4-Dichlorophenol	162	5.391	5.390	0.001	97	3998208	16.0	17.6	
37 1,2,4-Trichlorobenzene	180	5.474	5.477	-0.003	95	4195358	16.0	16.8	
* 38 Naphthalene-d8	136	5.526	5.528	-0.002	99	6963175	8.00	8.00	
39 Naphthalene	128	5.542	5.547	-0.005	99	11146913	16.0	13.2	eMa
40 4-Chloroaniline	127	5.599	5.598	0.001	97	6229409	16.0	17.4	
41 2,6-Dichlorophenol	162	5.609	5.608	0.001	98	3845181	16.0	17.6	
42 Hexachlorobutadiene	225	5.683	5.682	0.001	94	2092538	16.0	17.0	
44 Caprolactam	55	5.990	5.960	0.030	93	536988	4.80	5.58	a
45 4-Chloro-3-methylphenol	107	6.070	6.072	-0.002	96	4097553	16.0	17.7	
46 2-Methylnaphthalene	142	6.214	6.216	-0.002	96	8484916	16.0	16.6	e
47 1-Methylnaphthalene	142	6.307	6.309	-0.002	91	8624593	16.0	16.4	ea
48 Hexachlorocyclopentadiene	237	6.378	6.380	-0.002	97	2724883	16.0	18.9	a
49 1,2,4,5-Tetrachlorobenzene	216	6.378	6.380	-0.002	95	3717402	16.0	17.6	a
50 2-tertbutyl-4-methylphenol	149	6.413	6.415	-0.002	90	5297605	16.0	16.7	
51 2,4,6-Trichlorophenol	196	6.487	6.485	0.002	88	2446601	16.0	18.1	a
52 2,4,5-Trichlorophenol	196	6.516	6.517	-0.001	96	2608016	16.0	18.2	a
$ 53 2-Fluorobiphenyl	172	6.567	6.572	-0.005	98	5736931	10.0	9.54	a
54 1,1'-Biphenyl	154	6.660	6.665	-0.005	97	9305126	16.0	15.6	ea
55 2-Chloronaphthalene	162	6.679	6.681	-0.002	99	8090677	16.0	17.5	ea
56 Phenyl ether	170	6.766	6.767	-0.001	88	5384714	16.0	17.0	a
57 2-Nitroaniline	65	6.772	6.774	-0.002	97	2611456	16.0	17.8	a
58 1,3-Dimethylnaphthalene	156	6.891	6.892	-0.001	91	5551696	16.0	17.0	a
59 Dimethyl phthalate	163	6.961	6.960	0.001	98	8138125	16.0	17.3	ea
60 Coumarin	146	6.971	6.969	0.002	81	2893000	16.0	16.2	
61 2,6-Dinitrotoluene	165	7.009	7.008	0.001	97	1766150	16.0	18.7	a
62 Acenaphthylene	152	7.070	7.075	-0.005	98	10645735	16.0	14.9	eMa
63 3-Nitroaniline	138	7.163	7.165	-0.002	97	2153889	16.0	18.5	a
* 64 Acenaphthene-d10	164	7.208	7.210	-0.002	96	3079112	8.00	8.00	a
66 Acenaphthene	154	7.240	7.242	-0.002	95	7699181	16.0	16.9	a
65 3,5-di-tert-butyl-4-hydroxytol	205	7.243	7.245	-0.002	97	5682966	16.0	17.7	a
67 2,4-Dinitrophenol	184	7.266	7.264	0.002	97	1786998	32.0	34.0	a
68 4-Nitrophenol	65	7.333	7.331	0.002	88	2807381	32.0	38.0	a
69 2,4-Dinitrotoluene	165	7.391	7.389	0.002	96	2239297	16.0	19.1	a
70 Dibenzofuran	168	7.400	7.405	-0.005	98	9655250	16.0	16.0	eMa
71 2,3,4,6-Tetrachlorophenol	232	7.522	7.524	-0.002	92	1820898	16.0	18.3	a
72 Diethyl phthalate	149	7.638	7.636	0.002	98	8279672	16.0	17.3	a
73 n-Octadecane	57	7.667	7.668	-0.001	89	6117049	16.0	18.1	
74 Fluorene	166	7.728	7.732	-0.004	94	8468849	16.0	17.1	ea
75 4-Chlorophenyl phenyl ether	204	7.734	7.735	-0.001	86	3587519	16.0	17.0	a
76 4-Nitroaniline	138	7.750	7.745	0.005	92	1983455	16.0	18.2	a
77 4,6-Dinitro-2-methylphenol	198	7.782	7.780	0.002	84	2285328	32.0	33.9	
78 N-Nitrosodiphenylamine	169	7.846	7.848	-0.002	79	5771491	16.0	17.5	
131 Azobenzene	77	7.882	7.886	-0.004	96	8916816	16.0	17.1	e
79 1,2-Diphenylhydrazine	77	7.882	7.886	-0.004	50	8917624	16.0	17.2	e
$ 80 2,4,6-Tribromophenol	330	7.955	7.960	-0.005	93	743886	10.0	9.37	a
83 4-Bromophenyl phenyl ether	248	8.196	8.197	-0.001	86	1990816	16.0	17.7	
84 Hexachlorobenzene	284	8.260	8.261	-0.001	98	2373542	16.0	17.4	
85 Atrazine	200	8.353	8.357	-0.004	90	550443	4.80	5.55	
86 Pentachlorophenol	266	8.443	8.444	-0.001	94	3041524	32.0	39.0	
87 Pentachloronitrobenzene	237	8.459	8.463	-0.004	86	561978	16.0	17.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.616	8.617	-0.001	98	4747850	8.00	8.00	
89 Phenanthrene	178	8.636	8.643	-0.007	97	9488633	16.0	16.1	eM
90 Anthracene	178	8.684	8.691	-0.007	94	9644906	16.0	16.1	eM
91 Carbazole	167	8.834	8.842	-0.008	97	9178159	16.0	16.8	e
92 Di-n-butyl phthalate	149	9.184	9.191	-0.007	99	9636534	16.0	16.4	e
93 Fluoranthene	202	9.764	9.768	-0.004	95	8975101	16.0	16.9	e
94 Benzidine	184	9.895	9.896	-0.001	100	5214456	16.0	16.4	
95 Pyrene	202	9.979	9.983	-0.004	96	9115798	16.0	16.5	e
96 Bisphenol-A	213	10.034	10.034	0.000	97	2923417	16.0	18.2	M
$ 97 Terphenyl-d14	244	10.136	10.140	-0.004	98	4119092	10.0	9.11	
98 Butyl benzyl phthalate	149	10.647	10.650	-0.003	97	4146369	16.0	16.8	
100 Carbamazepine	193	10.753	10.752	0.001	93	2760248	16.0	16.6	M
101 3,3'-Dichlorobenzidine	252	11.240	11.240	0.000	99	2949401	16.0	16.7	
102 Benzo[a]anthracene	228	11.263	11.266	-0.003	99	7452462	16.0	17.5	
* 103 Chrysene-d12	240	11.276	11.278	-0.002	98	2617249	8.00	8.00	
104 Chrysene	228	11.308	11.307	0.001	97	7089773	16.0	17.3	
105 Bis(2-ethylhexyl) phthalate	149	11.337	11.343	-0.006	86	6232242	16.0	16.8	
106 Di-n-octyl phthalate	149	12.203	12.208	-0.005	96	9330055	16.0	17.5	
107 Benzo[b]fluoranthene	252	12.691	12.692	-0.001	97	6206107	16.0	18.4	
108 Benzo[k]fluoranthene	252	12.729	12.731	-0.002	97	6962845	16.0	18.3	
109 Benzo[a]pyrene	252	13.149	13.151	-0.002	94	5969525	16.0	18.8	
* 110 Perylene-d12	264	13.227	13.231	-0.004	97	2414022	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.821	14.822	-0.001	97	5941713	16.0	16.6	
112 Dibenz(a,h)anthracene	278	14.860	14.864	-0.004	97	5949274	16.0	16.6	
113 Benzo[g,h,i]perylene	276	15.261	15.262	-0.001	96	5854847	16.0	16.6	
S 119 Total Cresols	1				0			33.5	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

SV_BNAL8_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2025 10:59:23 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D

Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17

Lims ID: STD16

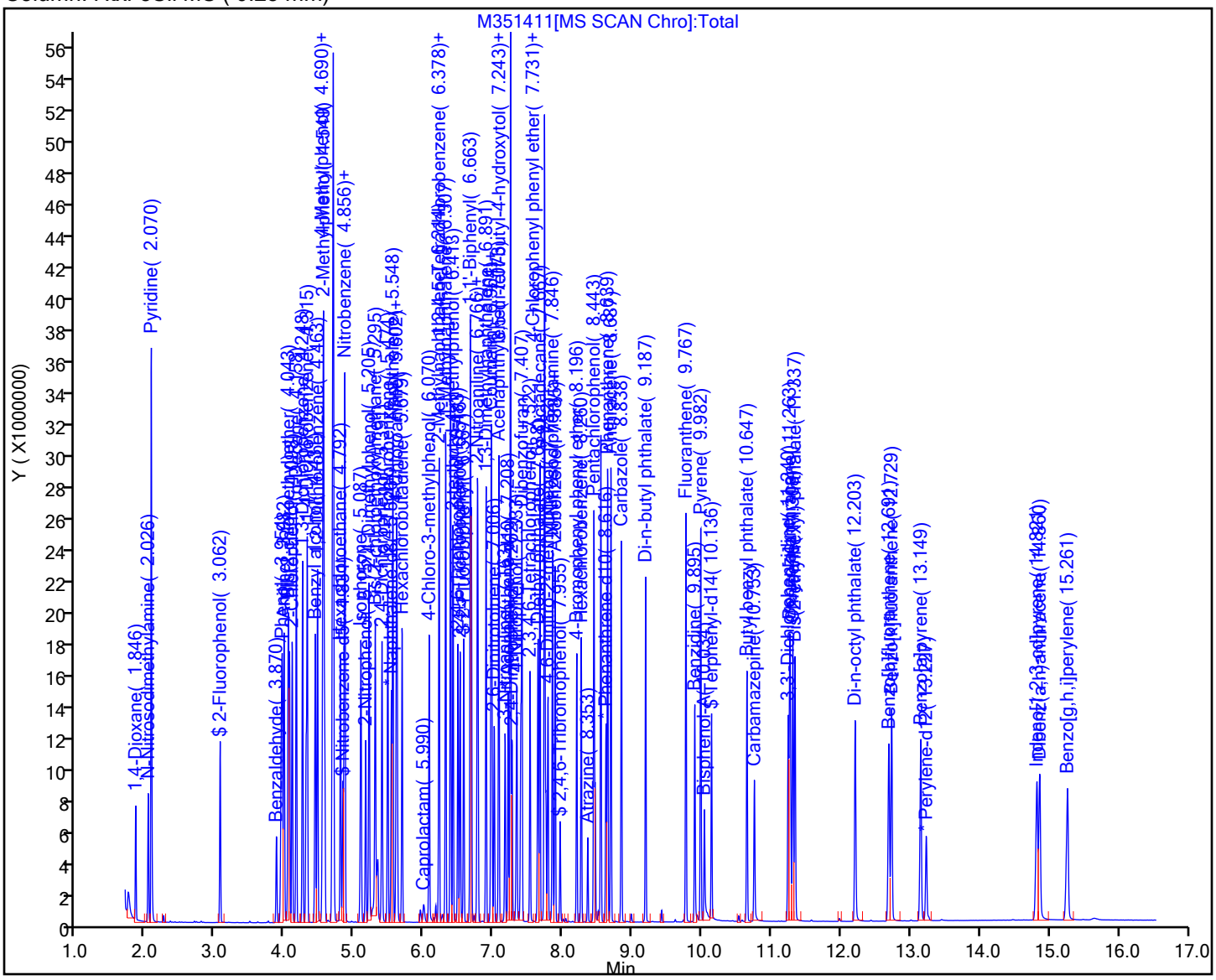
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

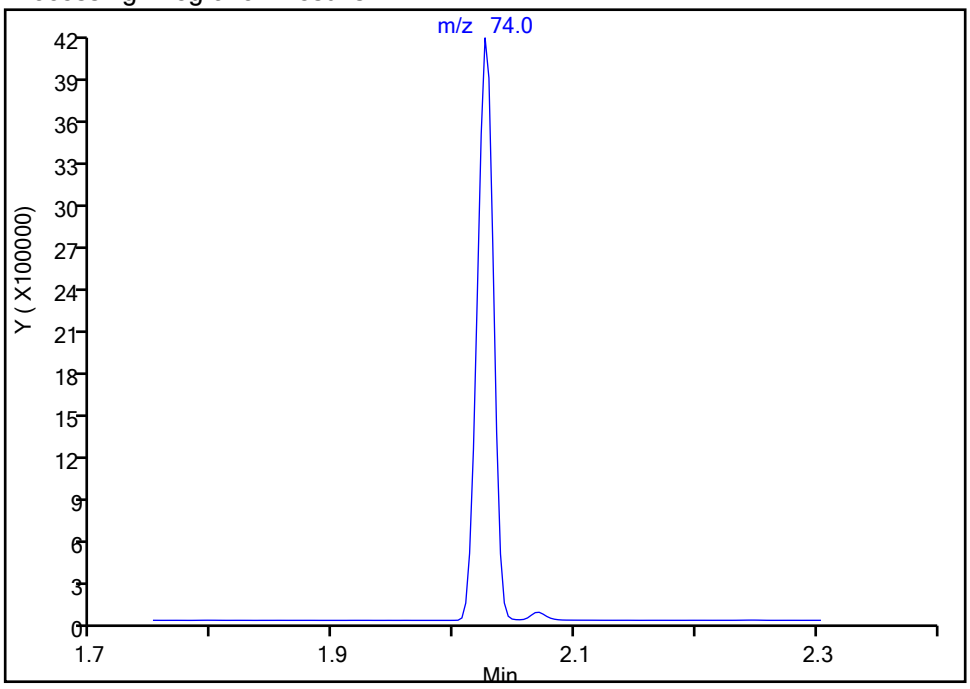
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

2 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

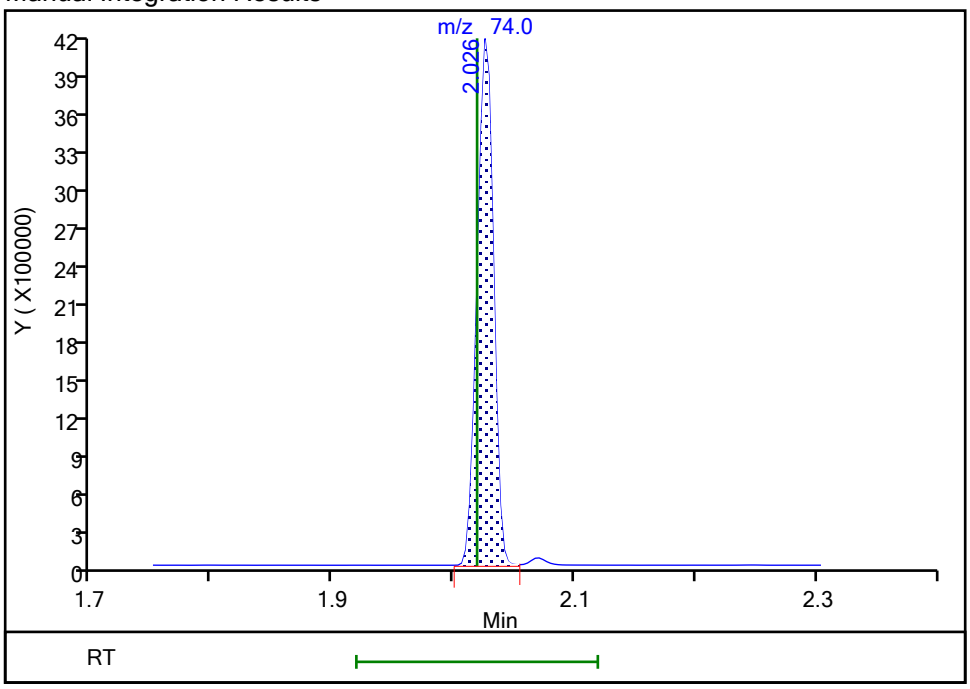
Not Detected
Expected RT: 2.02

Processing Integration Results



Manual Integration Results

RT: 2.03
Area: 3872918
Amount: 17.027734
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

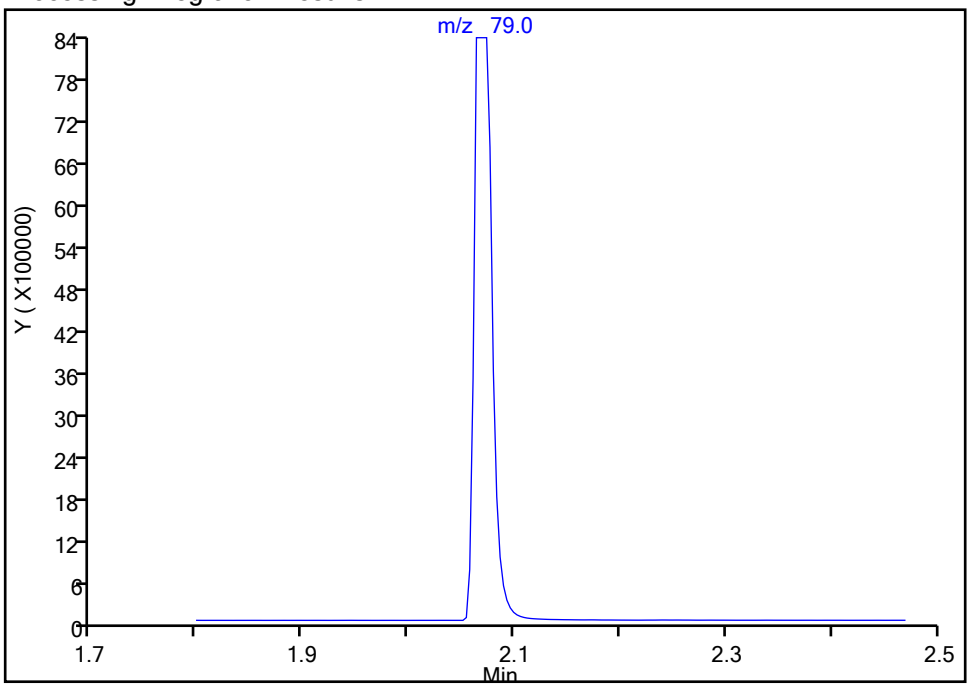
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

3 Pyridine, CAS: 110-86-1

Signal: 1

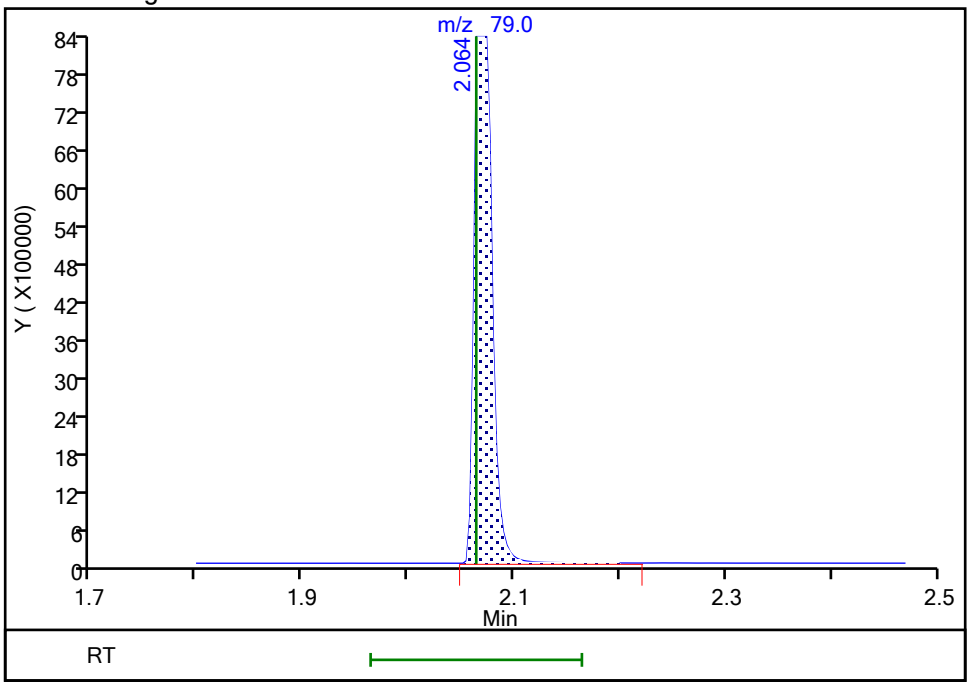
Not Detected
Expected RT: 2.06

Processing Integration Results



Manual Integration Results

RT: 2.06
Area: 10070652
Amount: 30.515975
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

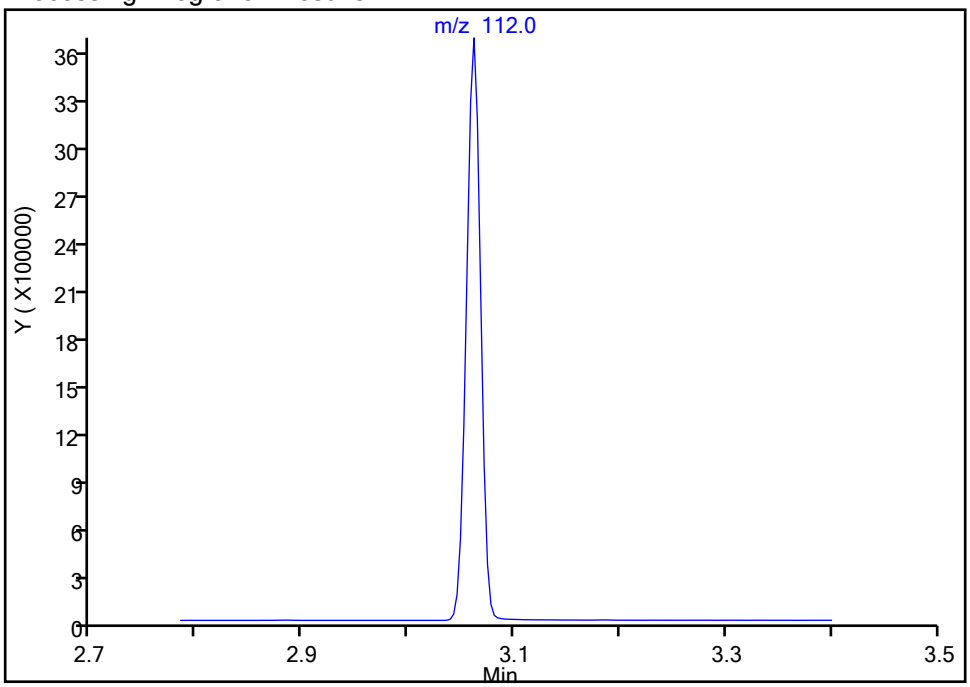
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 4 2-Fluorophenol, CAS: 367-12-4

Signal: 1

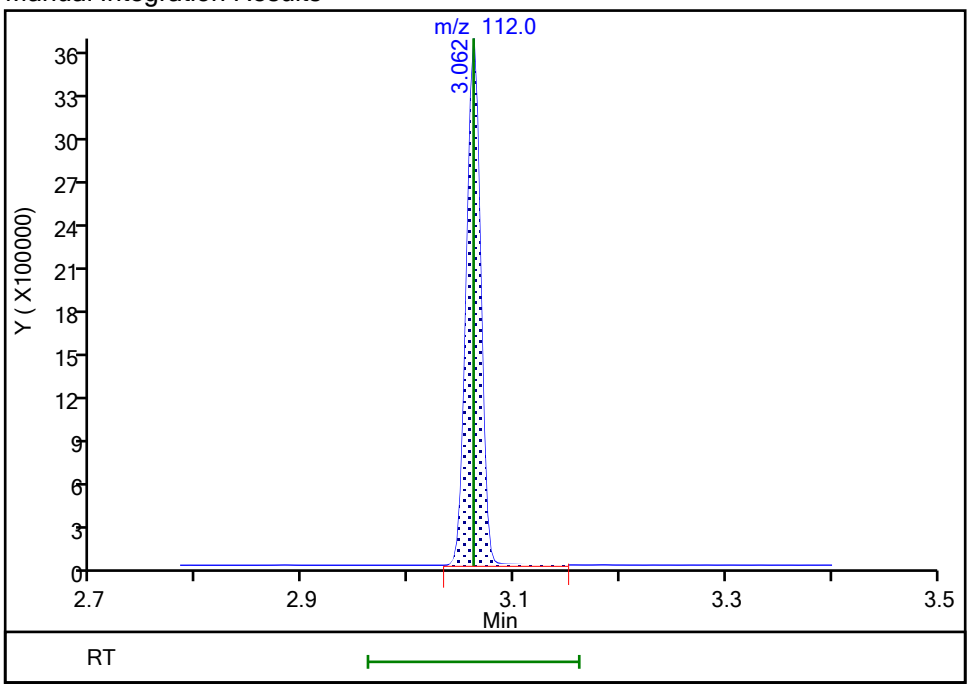
Not Detected
Expected RT: 3.06

Processing Integration Results



Manual Integration Results

RT: 3.06
Area: 3416299
Amount: 9.622919
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

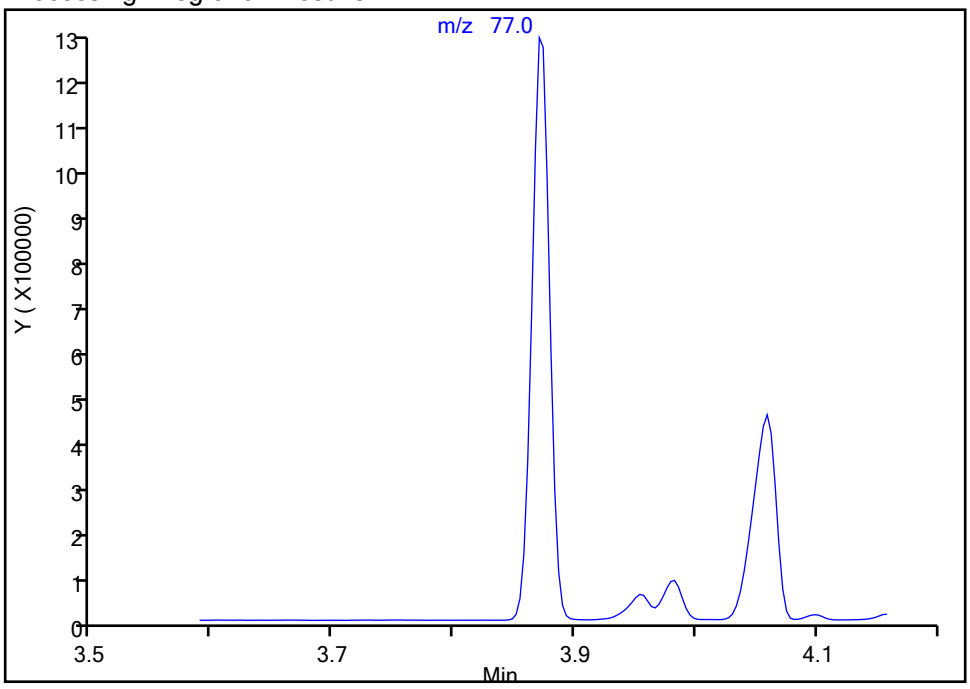
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

5 Benzaldehyde, CAS: 100-52-7

Signal: 1

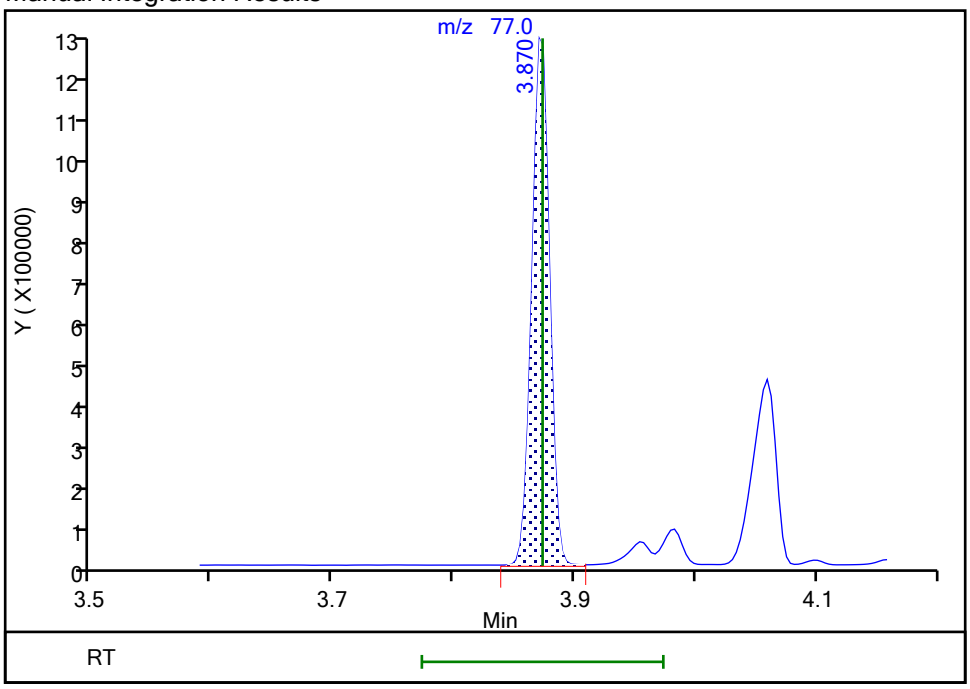
Not Detected
Expected RT: 3.87

Processing Integration Results



Manual Integration Results

RT: 3.87
Area: 1280029
Amount: 4.439915
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

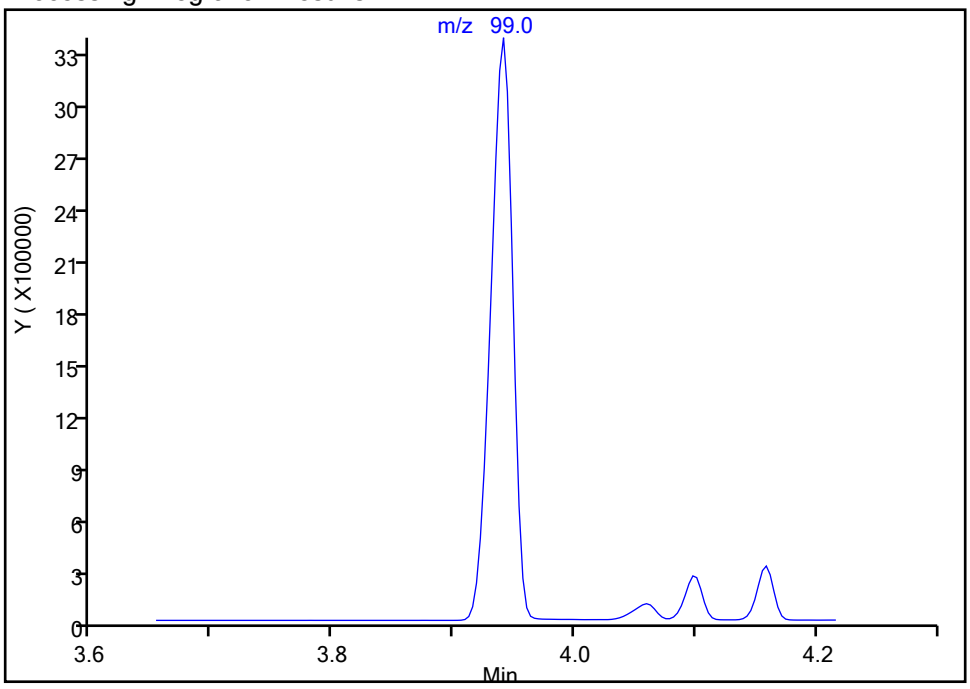
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 6 Phenol-d5, CAS: 4165-62-2

Signal: 1

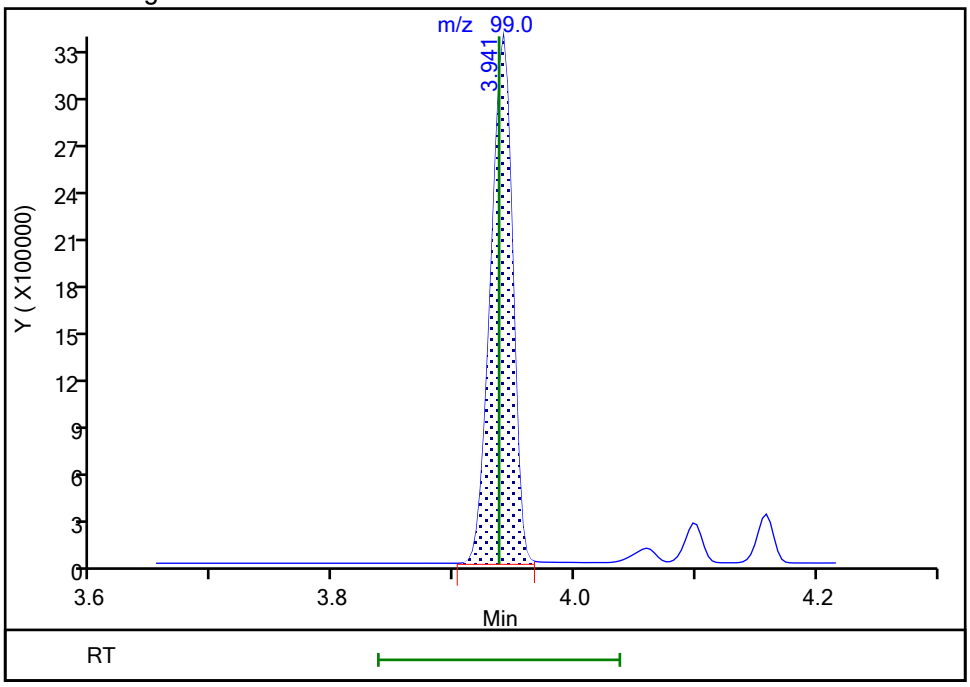
Not Detected
Expected RT: 3.94

Processing Integration Results



Manual Integration Results

RT: 3.94
Area: 4236556
Amount: 9.353005
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

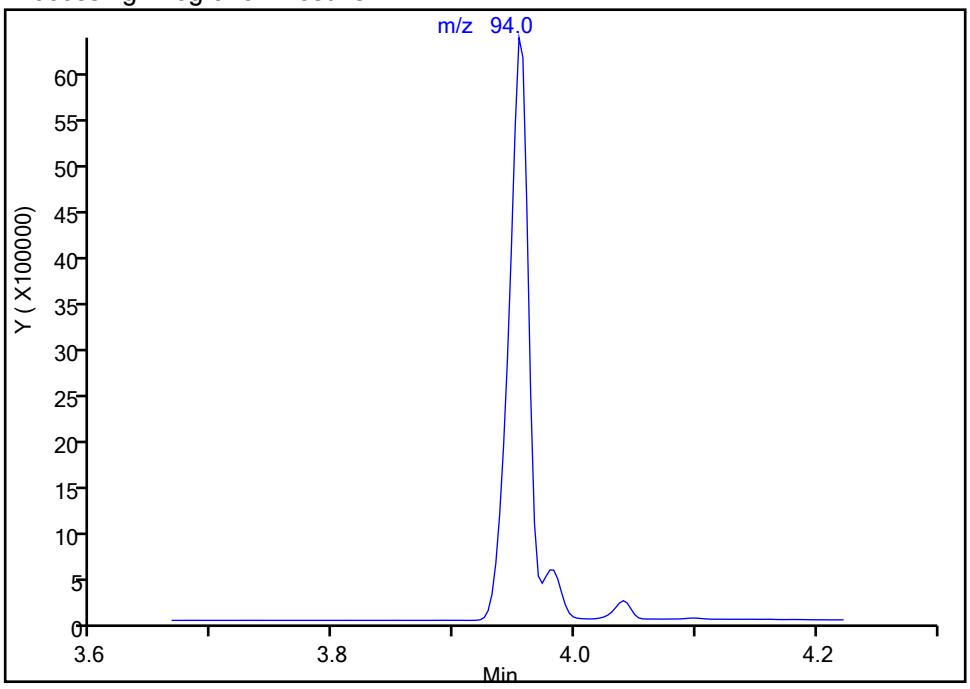
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

7 Phenol, CAS: 108-95-2

Signal: 1

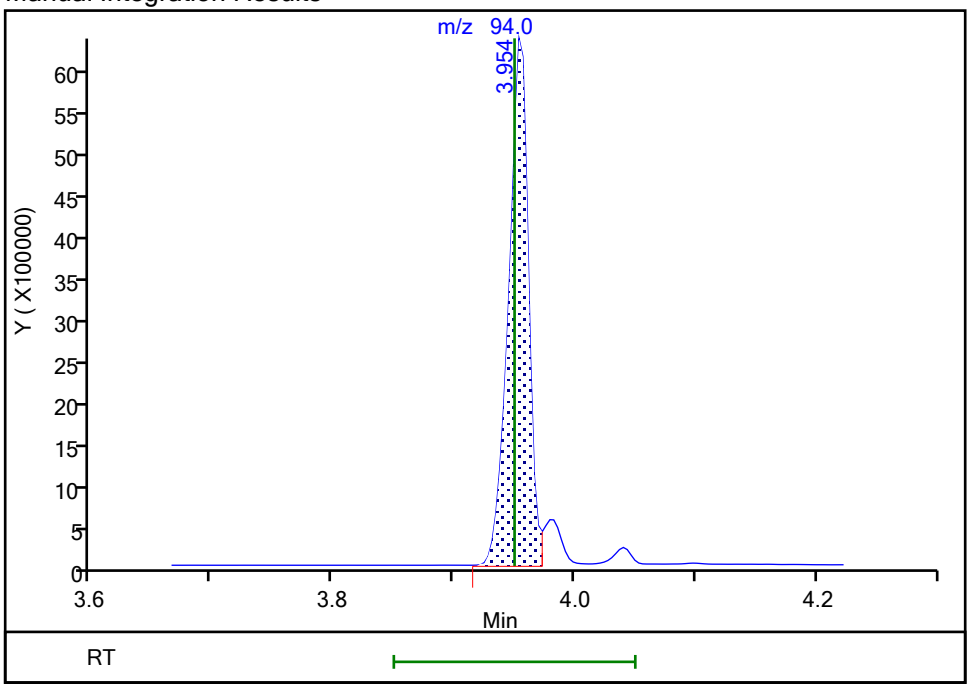
Not Detected
Expected RT: 3.95

Processing Integration Results



Manual Integration Results

RT: 3.95
Area: 7270784
Amount: 17.168947
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

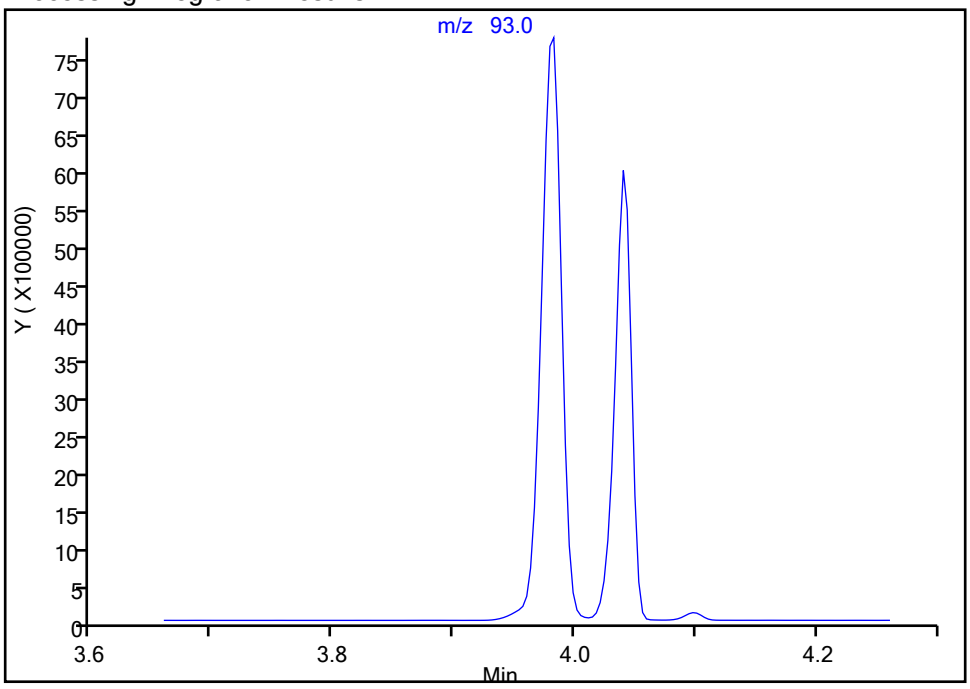
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

8 Aniline, CAS: 62-53-3

Signal: 1

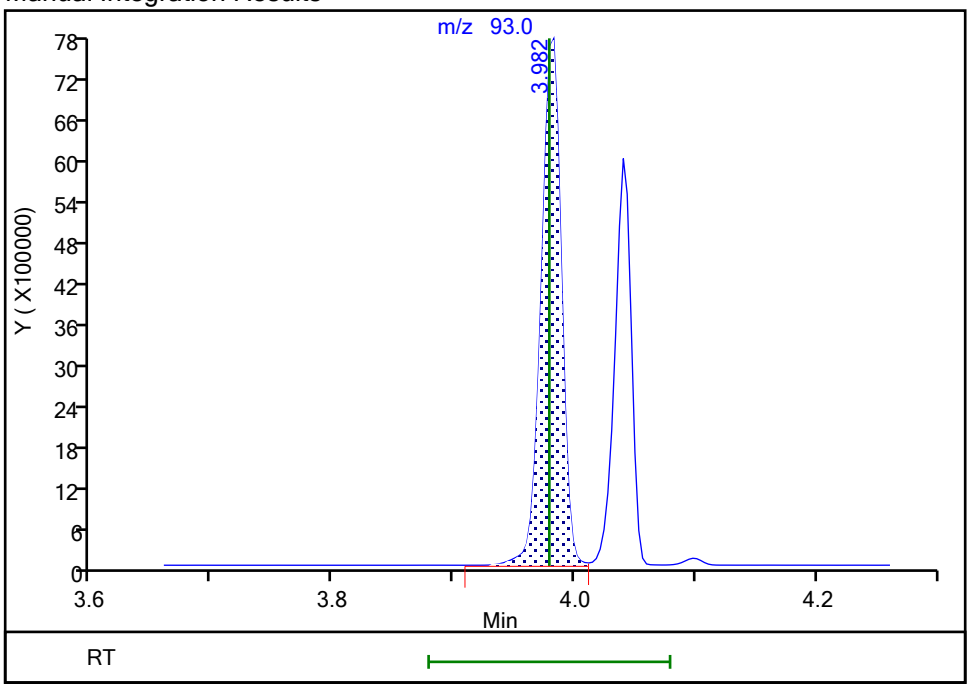
Not Detected
Expected RT: 3.98

Processing Integration Results



Manual Integration Results

RT: 3.98
Area: 9100128
Amount: 17.369767
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

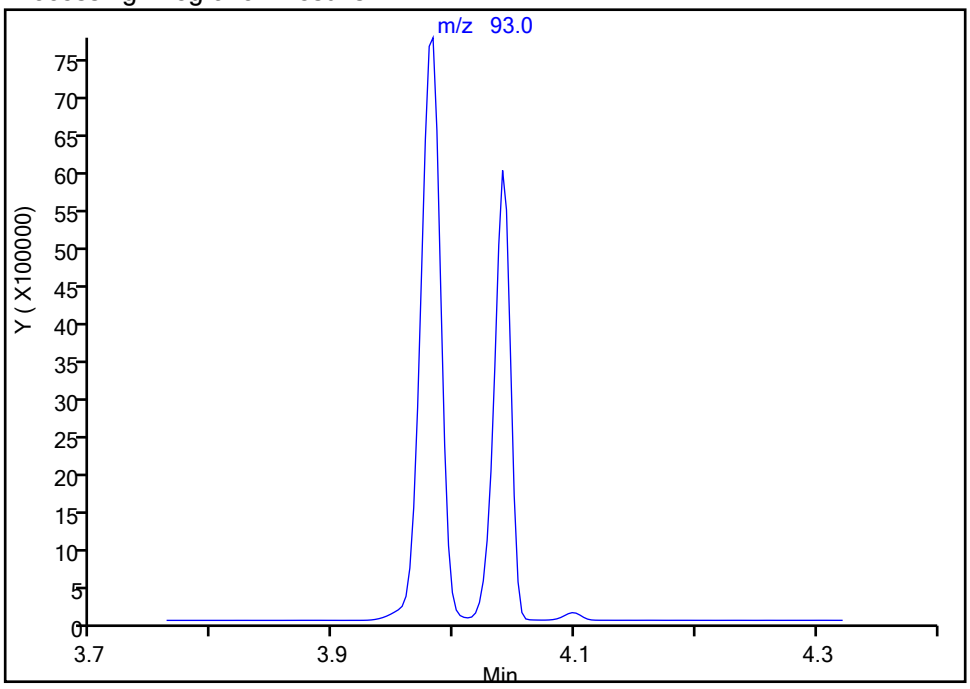
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

9 Bis(2-chloroethyl)ether, CAS: 111-44-4

Signal: 1

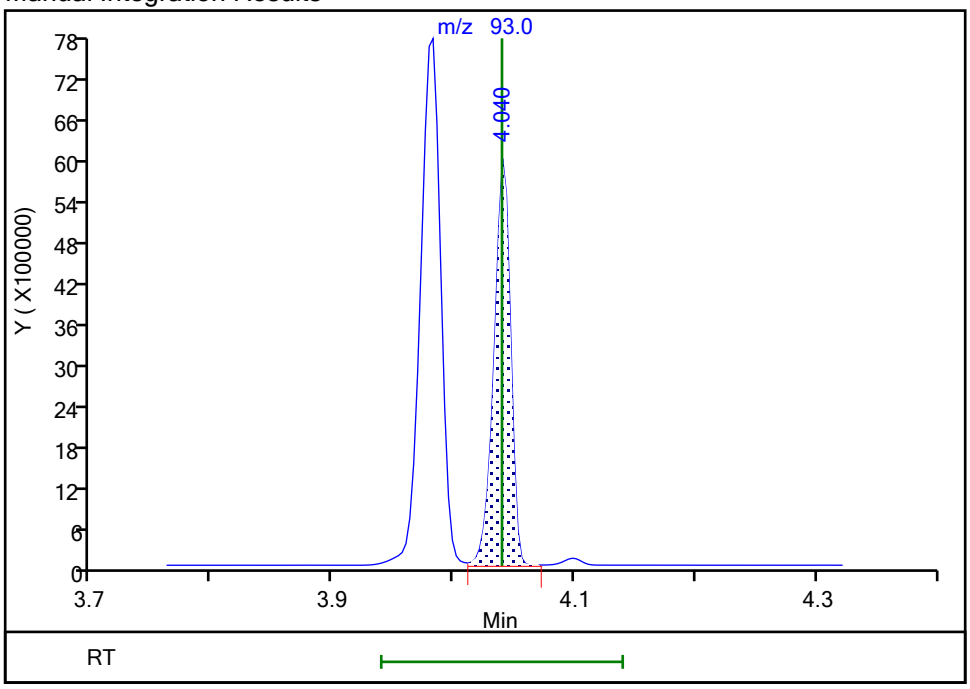
Not Detected
Expected RT: 4.04

Processing Integration Results



Manual Integration Results

RT: 4.04
Area: 5729002
Amount: 16.990590
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

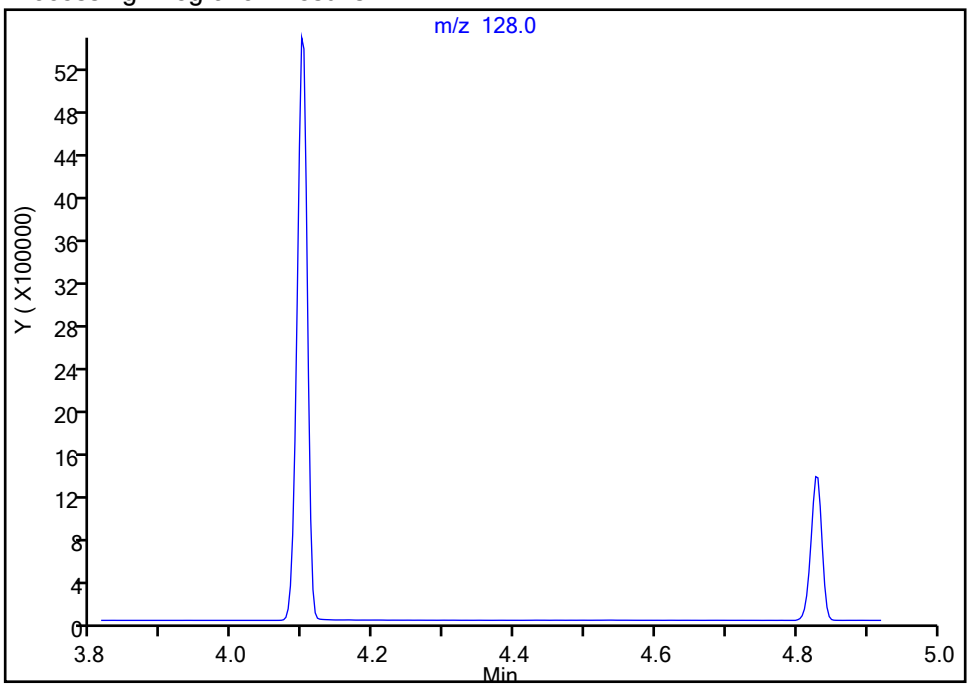
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

11 2-Chlorophenol, CAS: 95-57-8

Signal: 1

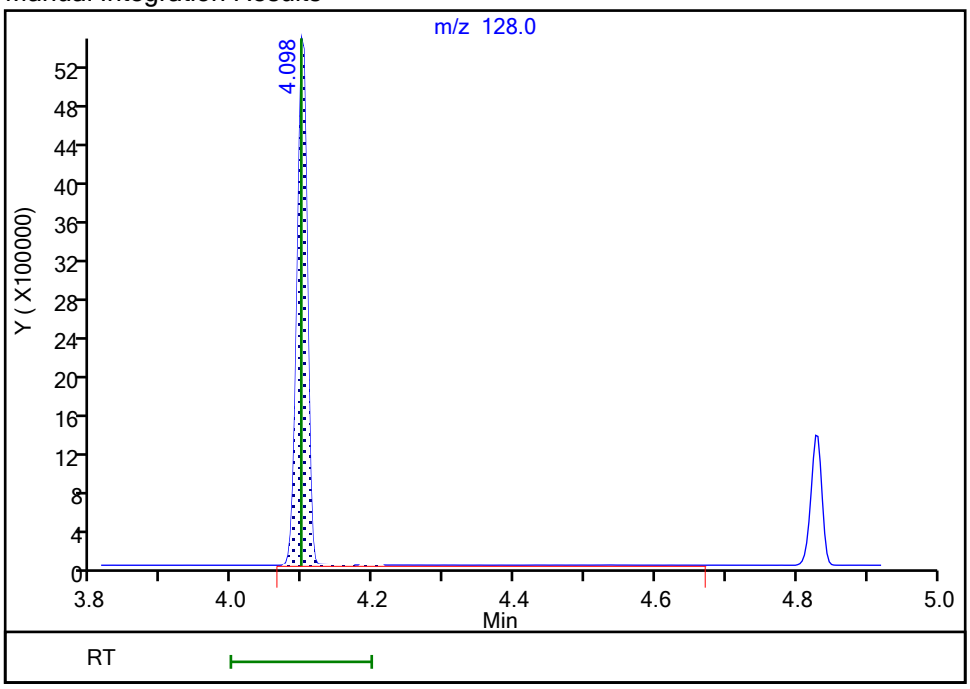
Not Detected
Expected RT: 4.10

Processing Integration Results



Manual Integration Results

RT: 4.10
Area: 5571393
Amount: 17.087156
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

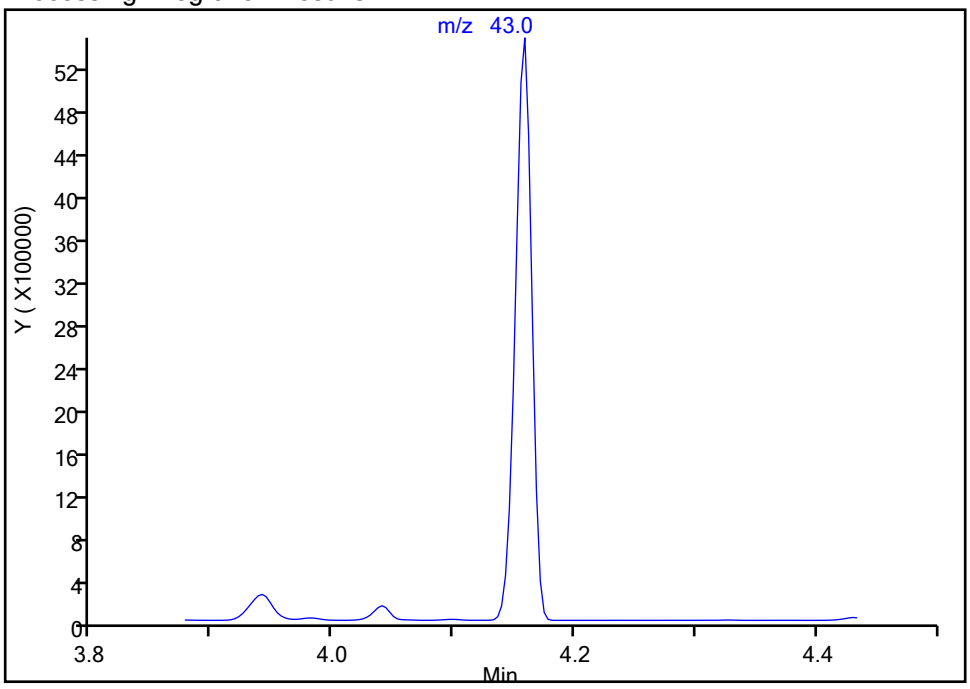
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

13 n-Decane, CAS: 124-18-5

Signal: 1

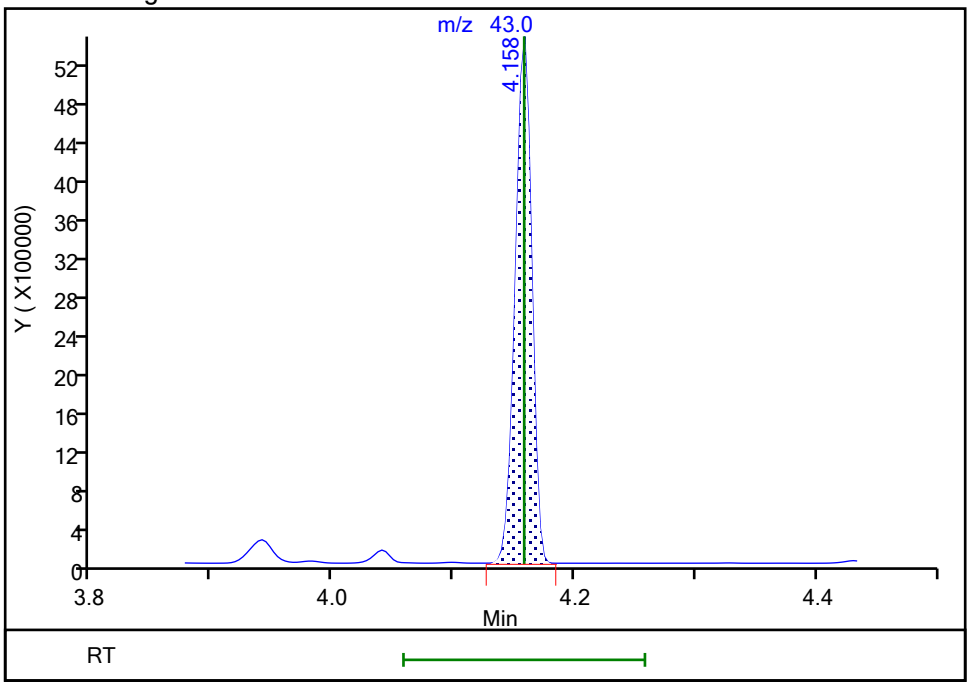
Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results

RT: 4.16
Area: 5146088
Amount: 16.707759
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

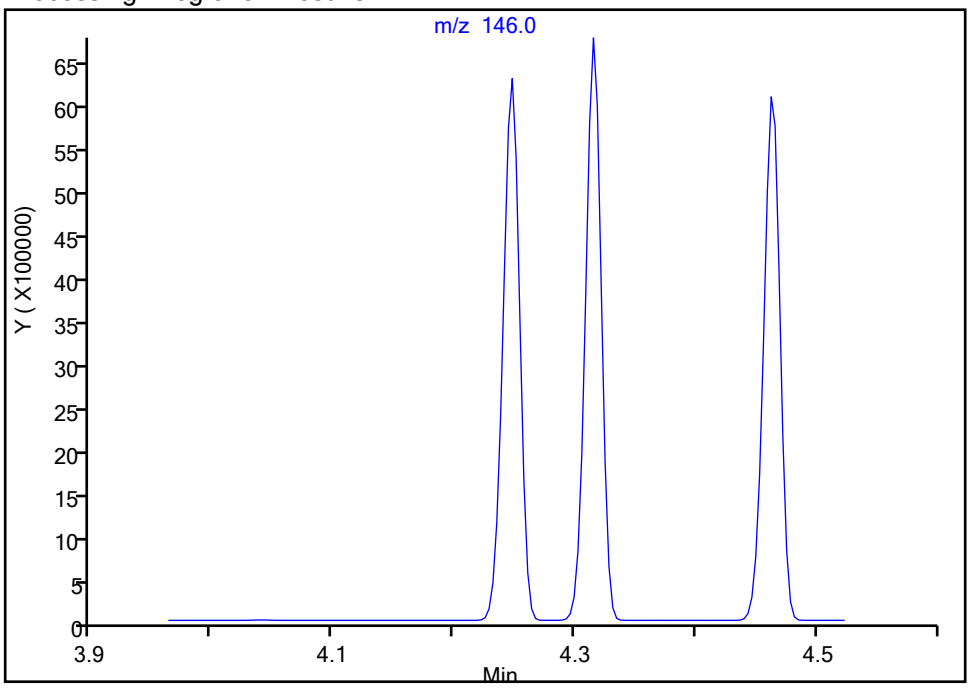
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

14 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

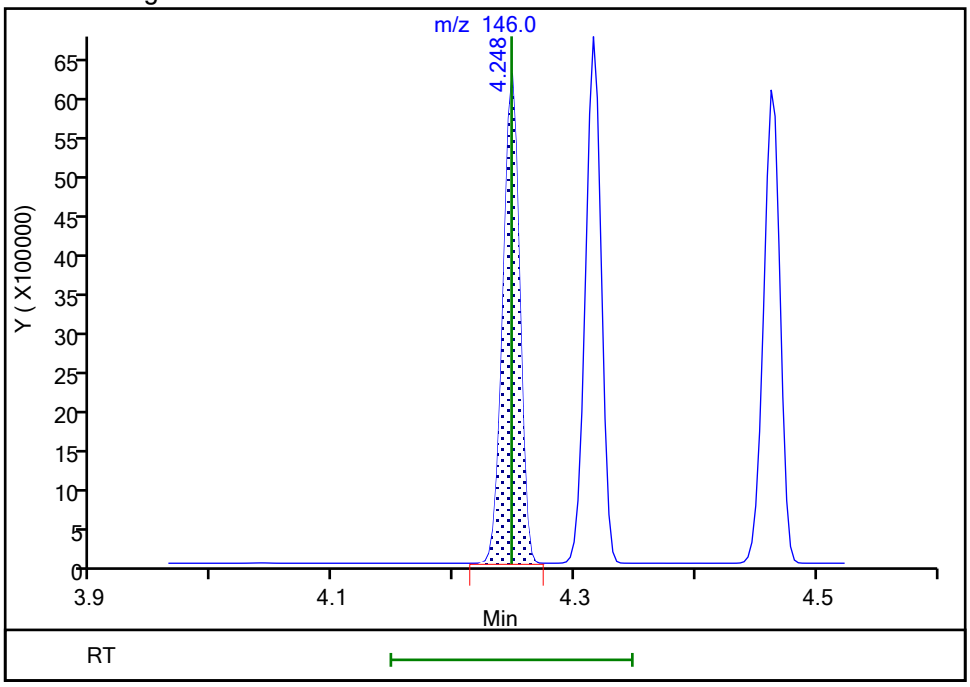
Not Detected
Expected RT: 4.25

Processing Integration Results



Manual Integration Results

RT: 4.25
Area: 5990036
Amount: 16.598161
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

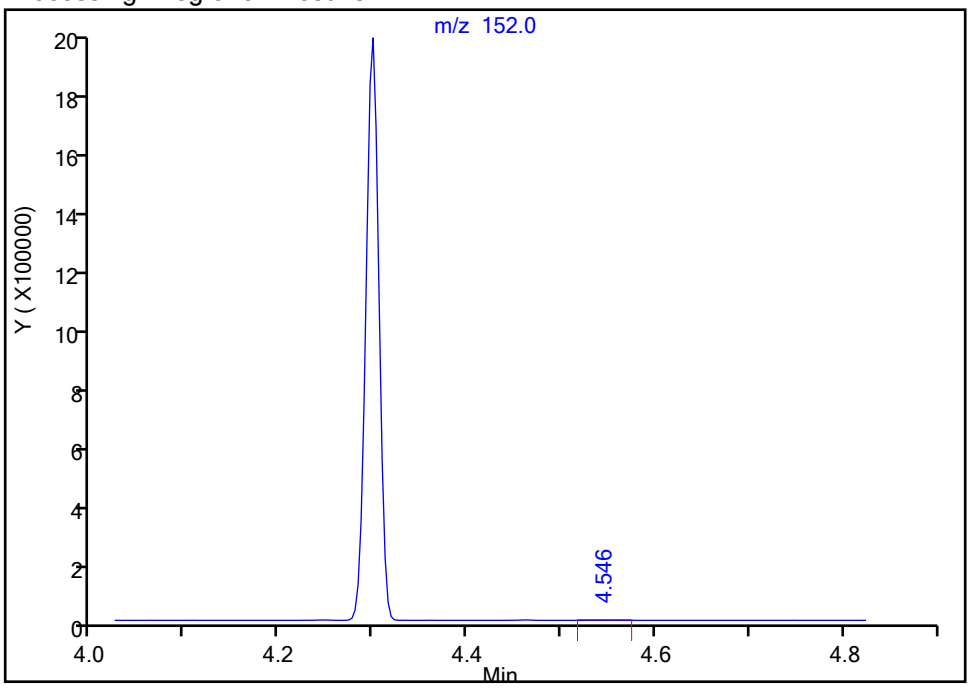
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

* 15 1,4-Dichlorobenzene-d4, CAS: 3855-82-1

Signal: 1

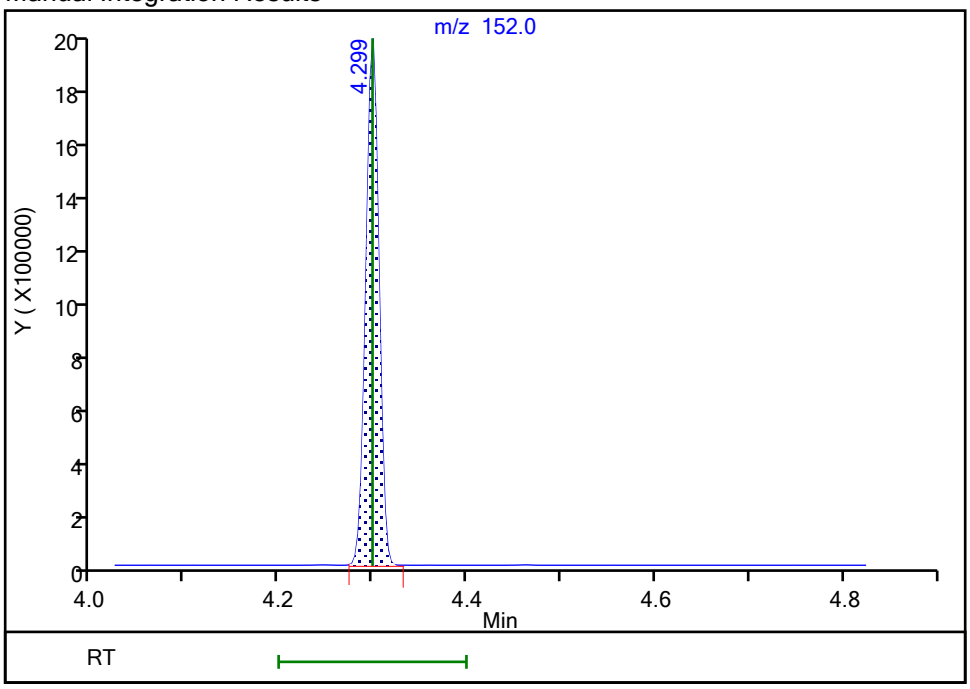
Processing Integration Results

RT: 4.55
Area: 33
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 4.30
Area: 1843200
Amount: 8.000000
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:19 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

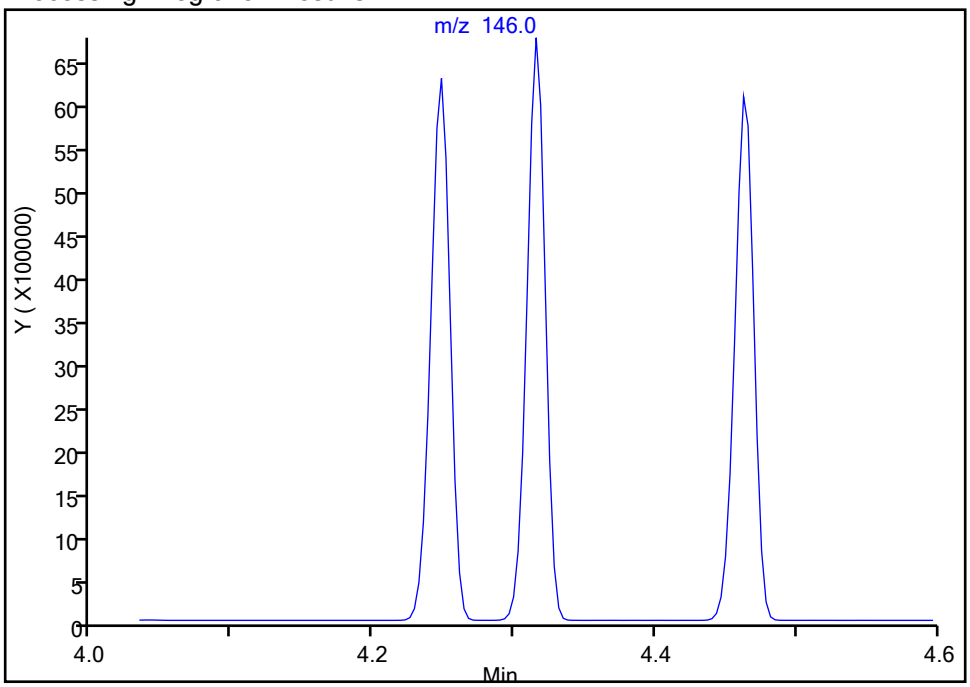
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

16 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

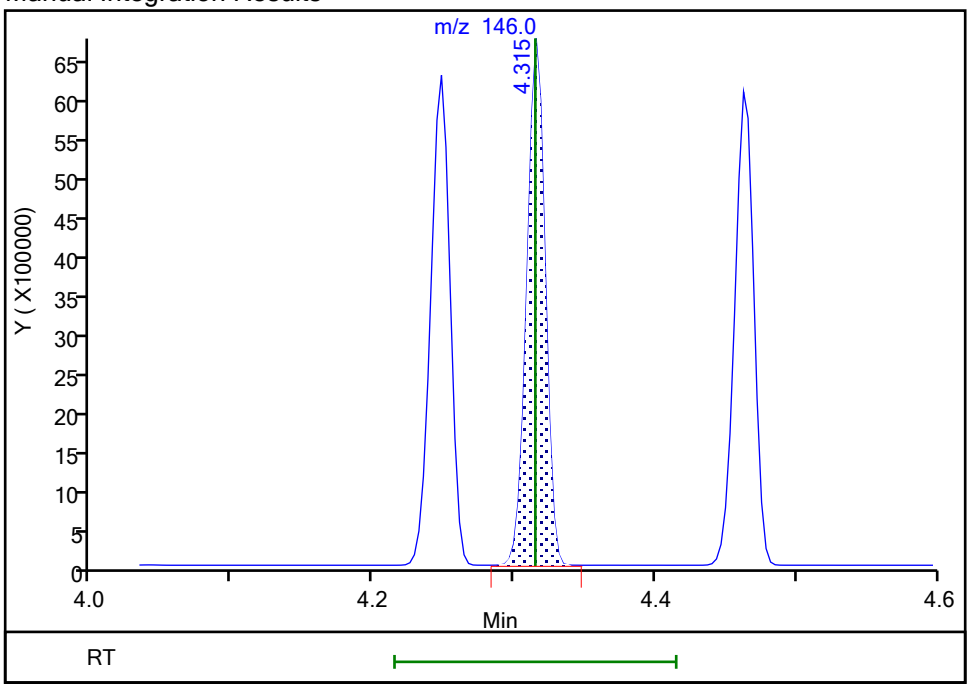
Not Detected
Expected RT: 4.31

Processing Integration Results



Manual Integration Results

RT: 4.32
Area: 6090856
Amount: 16.527818
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

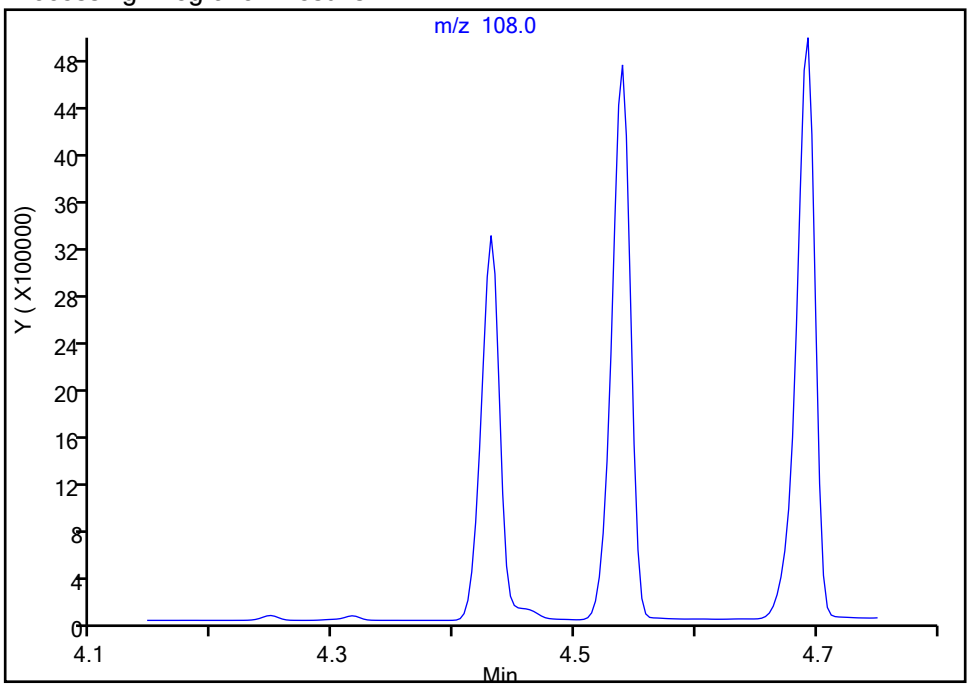
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

17 Benzyl alcohol, CAS: 100-51-6

Signal: 1

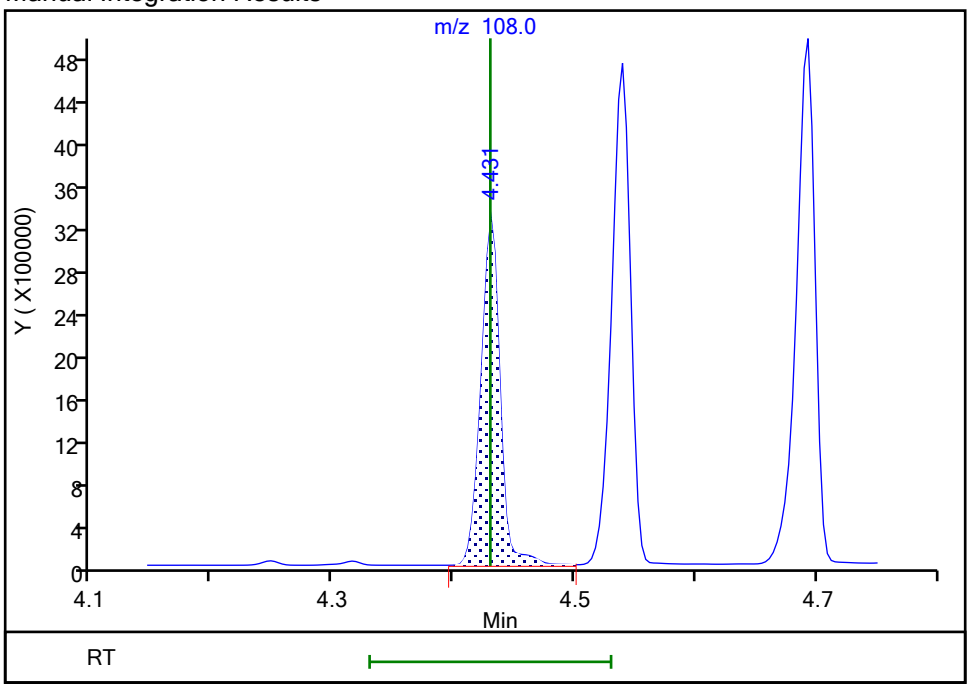
Not Detected
Expected RT: 4.43

Processing Integration Results



Manual Integration Results

RT: 4.43
Area: 3591194
Amount: 17.772222
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

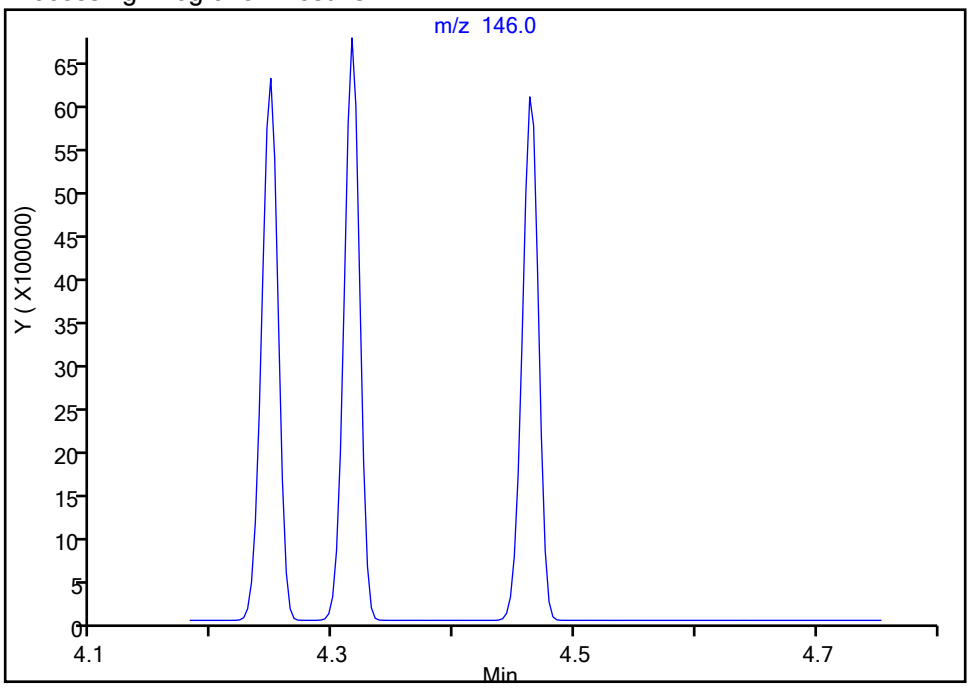
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

19 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

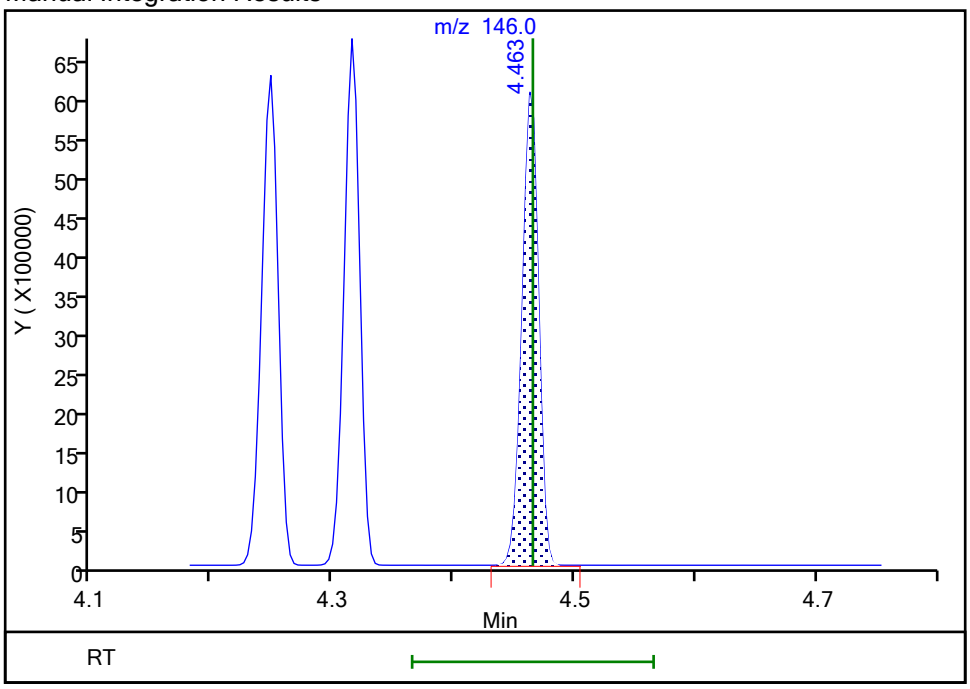
Not Detected
Expected RT: 4.47

Processing Integration Results



Manual Integration Results

RT: 4.46
Area: 5732672
Amount: 16.783602
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:22:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

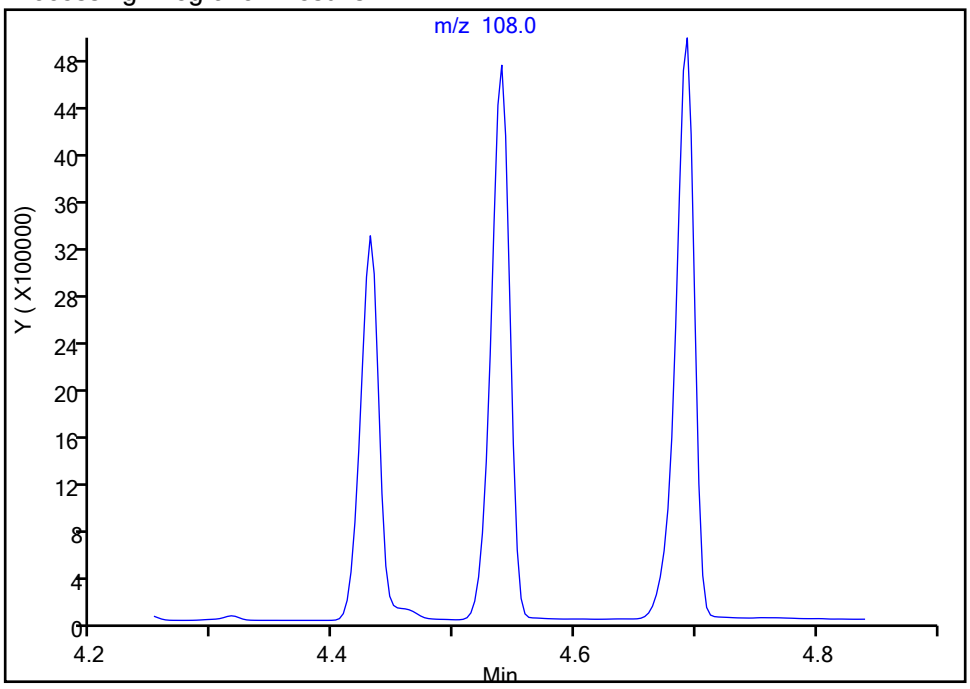
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

20 2-Methylphenol, CAS: 95-48-7

Signal: 1

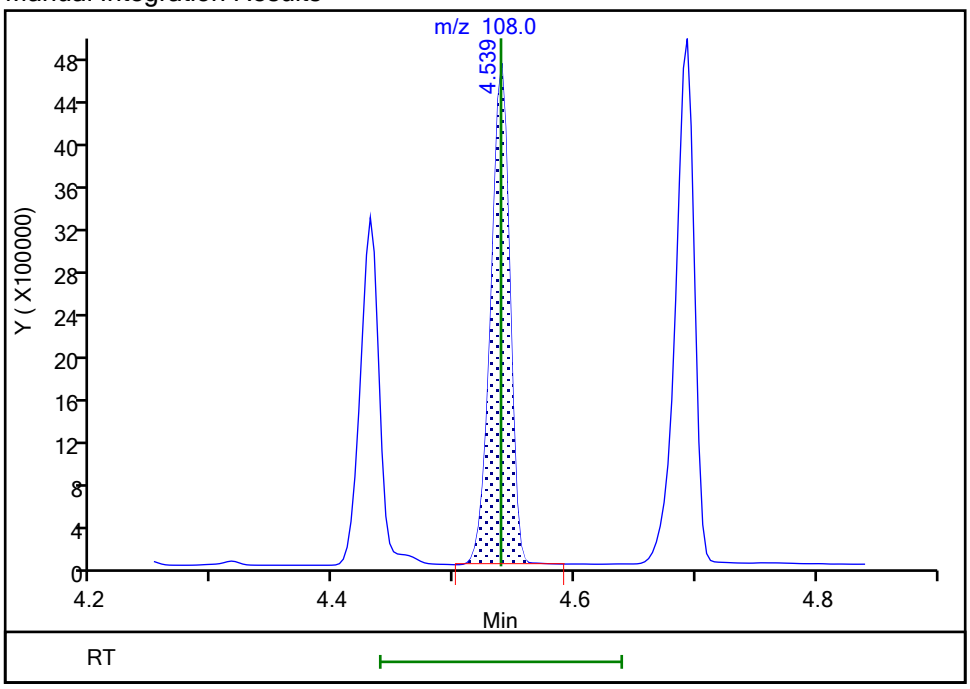
Not Detected
Expected RT: 4.54

Processing Integration Results



RT: 4.54
Area: 5104857
Amount: 17.067841
Amount Units: ug/ml

Manual Integration Results



Reviewer: G4KC, 25-Jul-2025 07:22:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

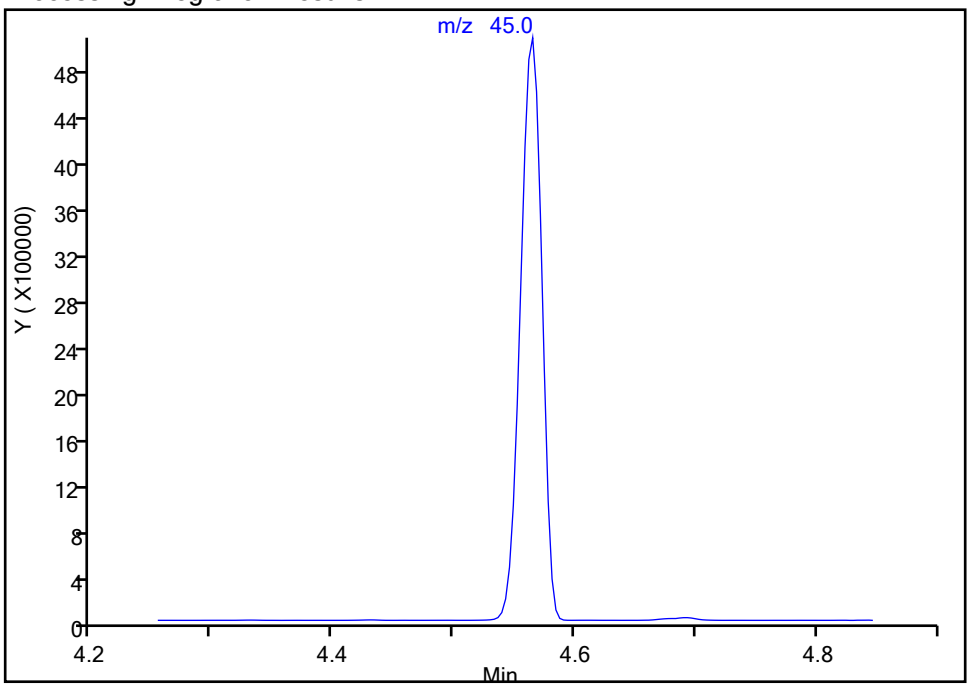
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

21 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

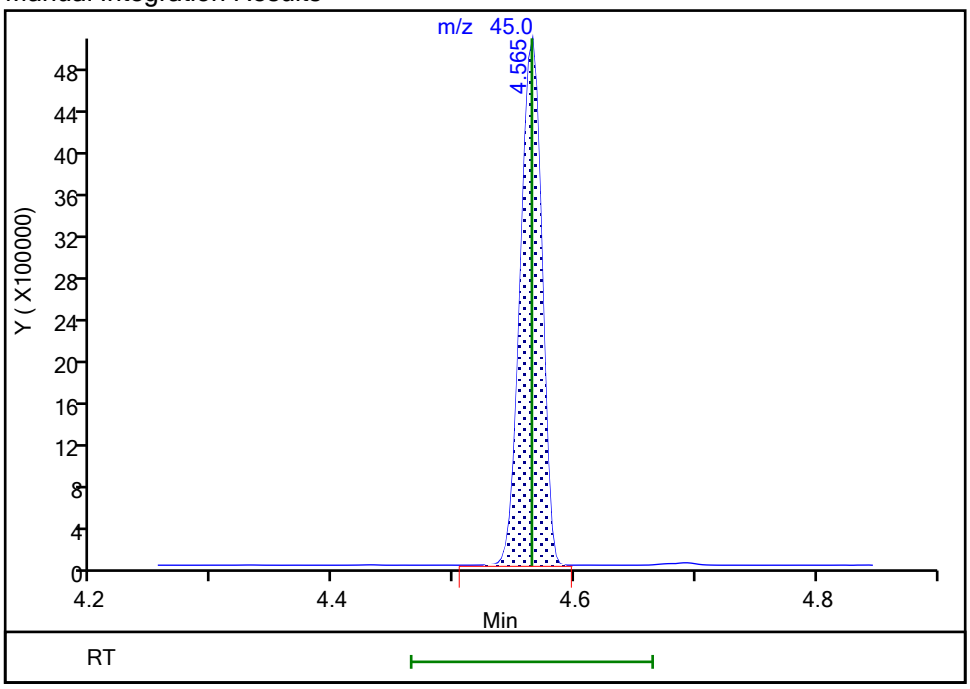
Not Detected
Expected RT: 4.56

Processing Integration Results



Manual Integration Results

RT: 4.56
Area: 6179065
Amount: 15.859838
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

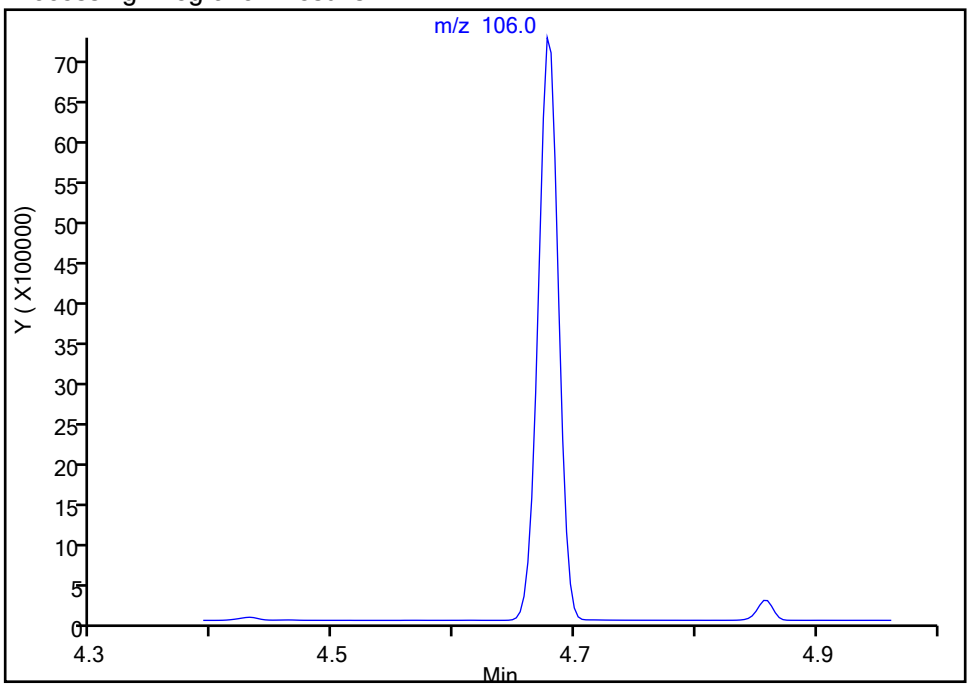
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 N-Methylaniline, CAS: 100-61-8

Signal: 1

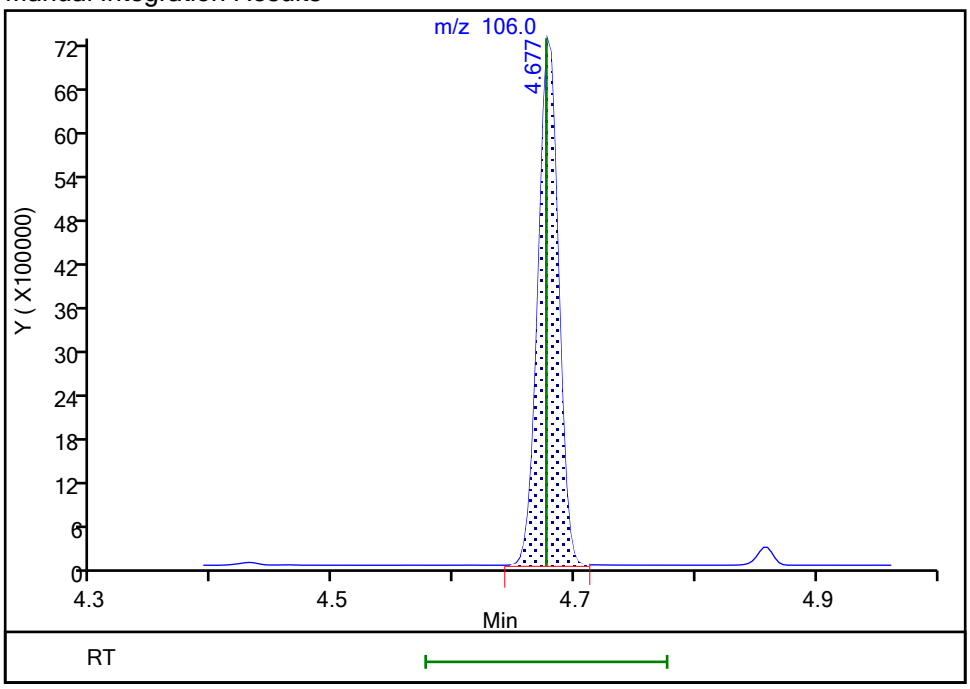
Not Detected
Expected RT: 4.68

Processing Integration Results



Manual Integration Results

RT: 4.68
Area: 8554560
Amount: 17.103464
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

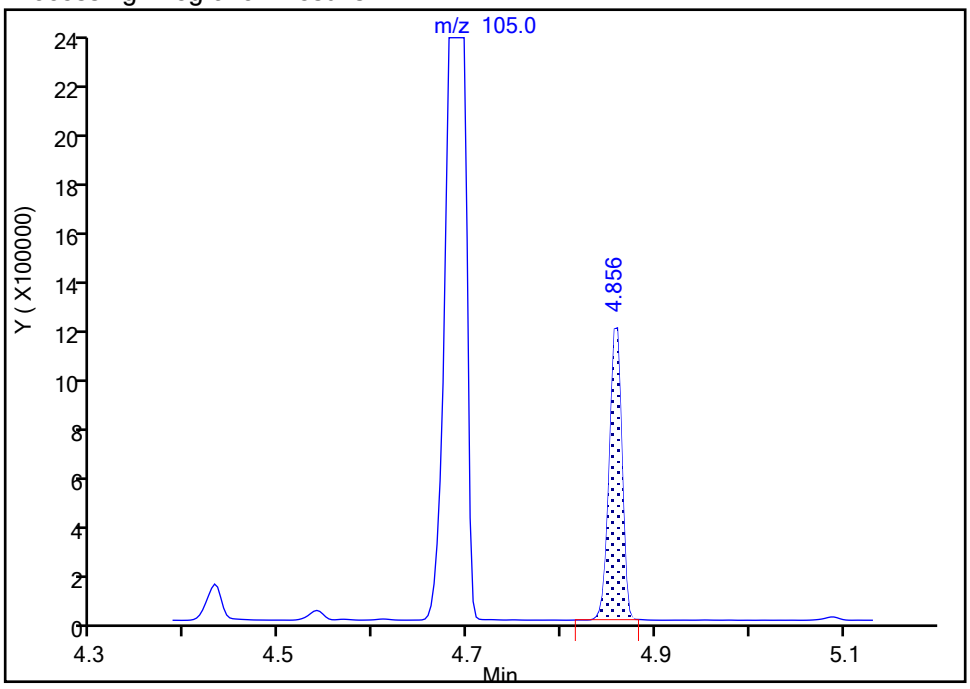
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

26 Acetophenone, CAS: 98-86-2

Signal: 1

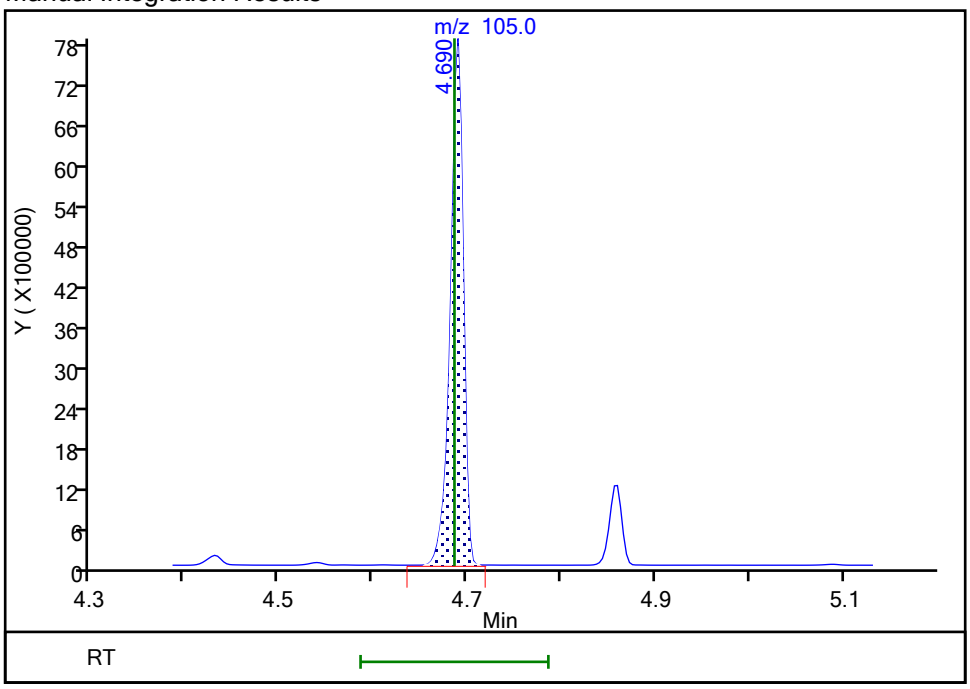
Processing Integration Results

RT: 4.86
Area: 1098502
Amount: 47.989039
Amount Units: ug/ml



Manual Integration Results

RT: 4.69
Area: 7491849
Amount: 16.448234
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

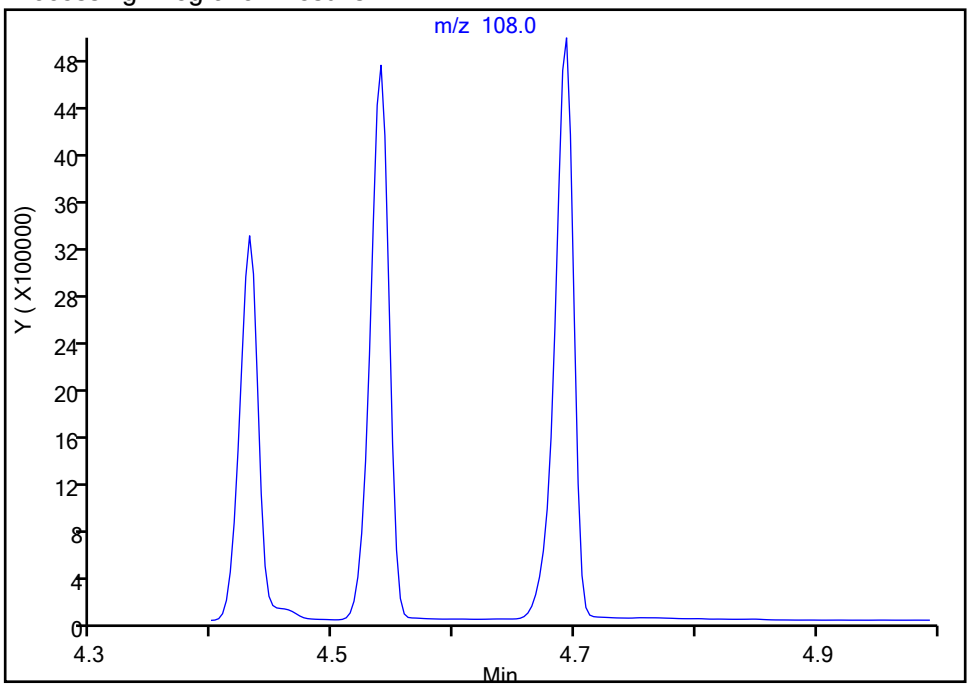
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

23 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

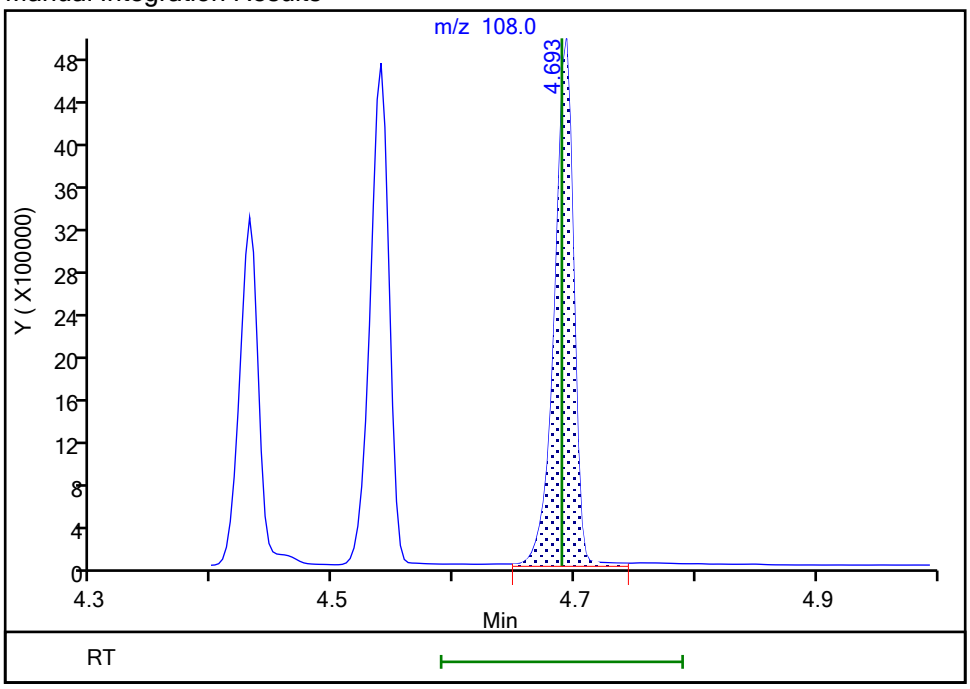
Not Detected
Expected RT: 4.69

Processing Integration Results



Manual Integration Results

RT: 4.69
Area: 5398279
Amount: 16.440611
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:50 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

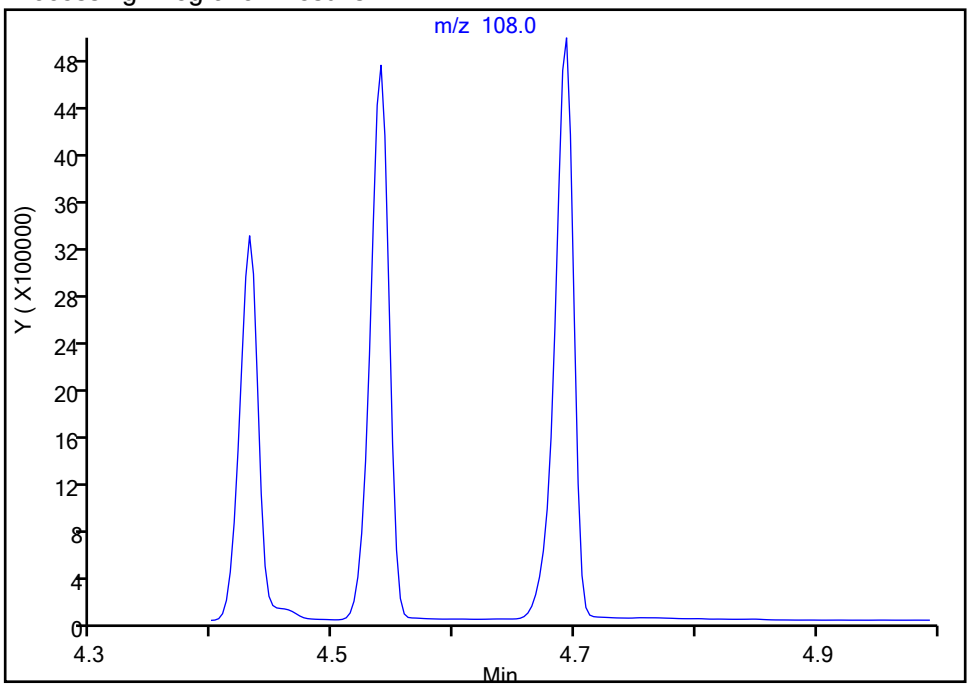
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

22 4-Methylphenol, CAS: 106-44-5

Signal: 1

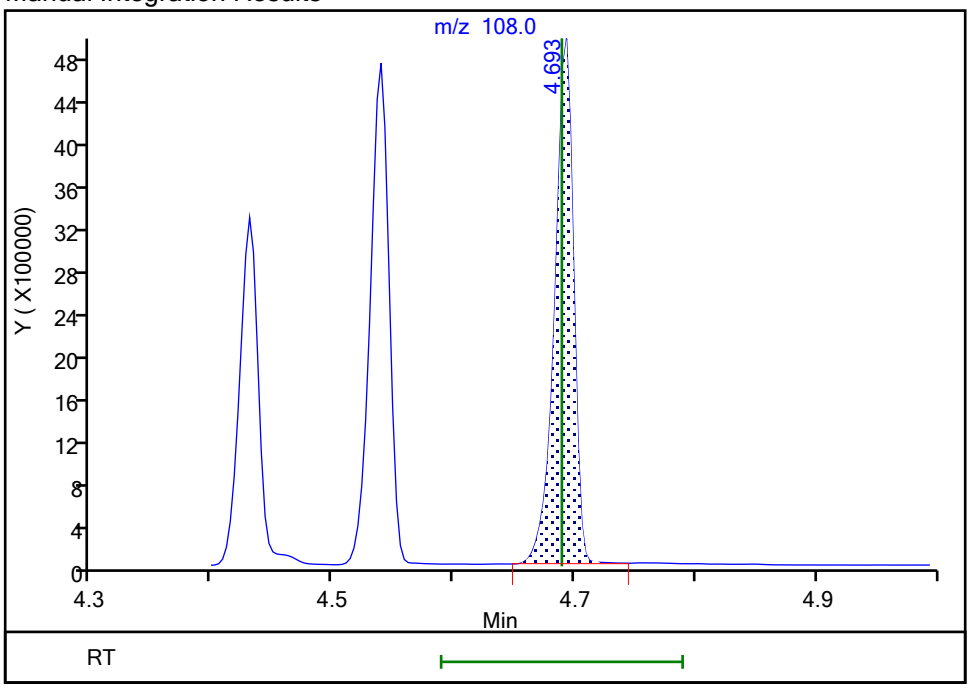
Not Detected
Expected RT: 4.69

Processing Integration Results



Manual Integration Results

RT: 4.69
Area: 5333730
Amount: 16.407634
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

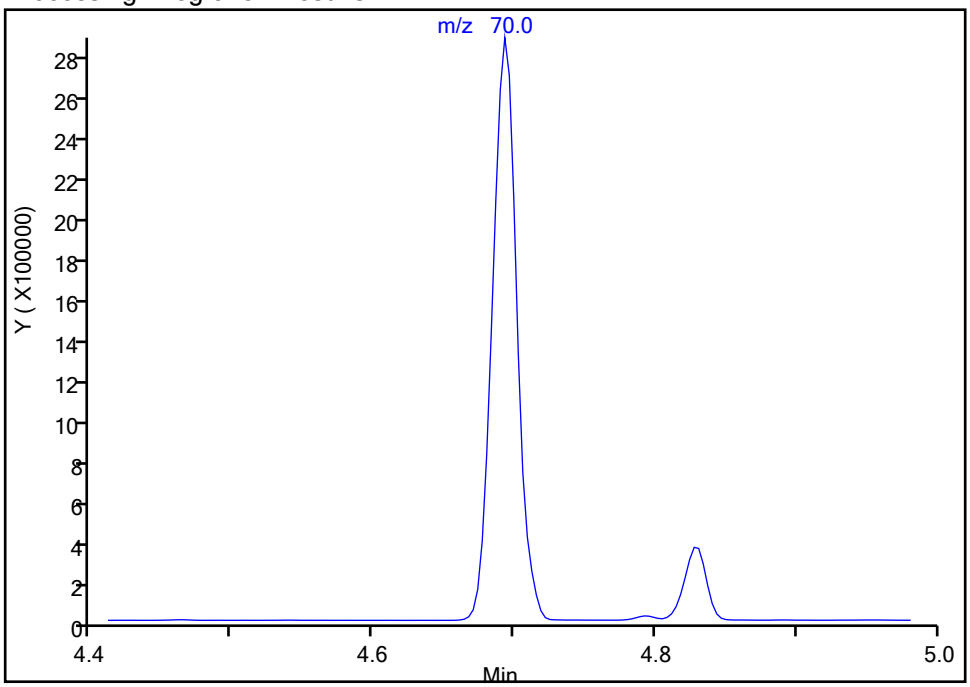
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

25 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

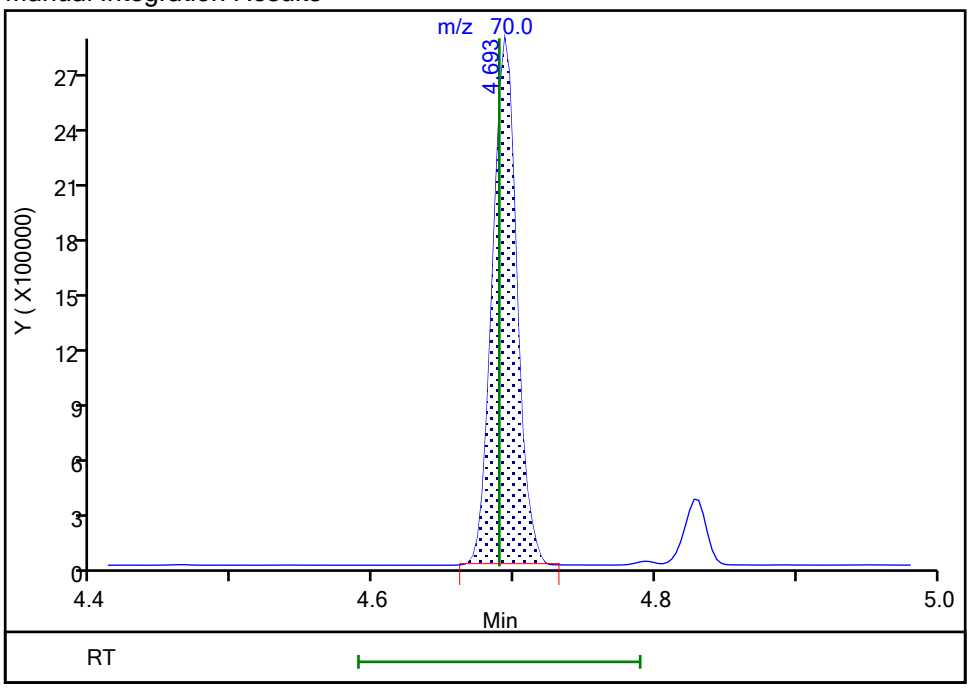
Not Detected
Expected RT: 4.69

Processing Integration Results



Manual Integration Results

RT: 4.69
Area: 3486920
Amount: 15.653866
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

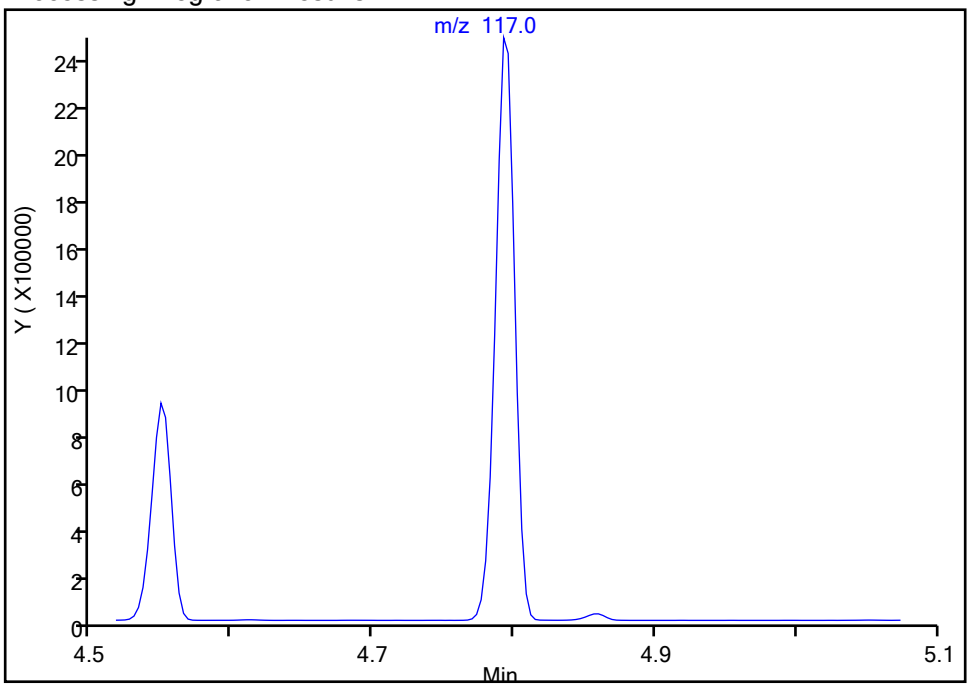
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

27 Hexachloroethane, CAS: 67-72-1

Signal: 1

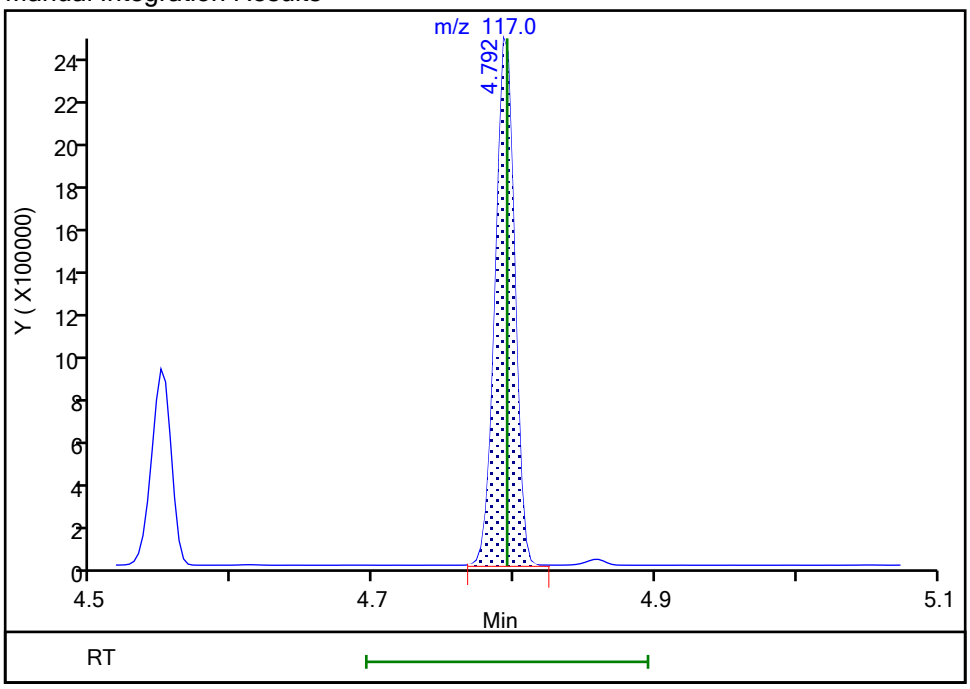
Not Detected
Expected RT: 4.79

Processing Integration Results



Manual Integration Results

RT: 4.79
Area: 2313595
Amount: 16.679493
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

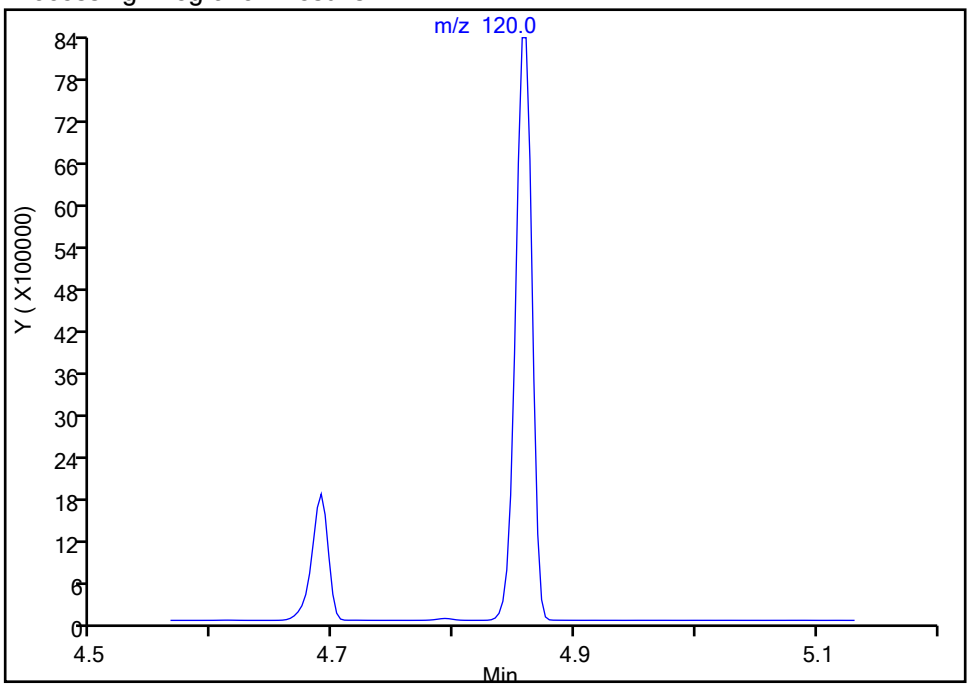
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

30 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

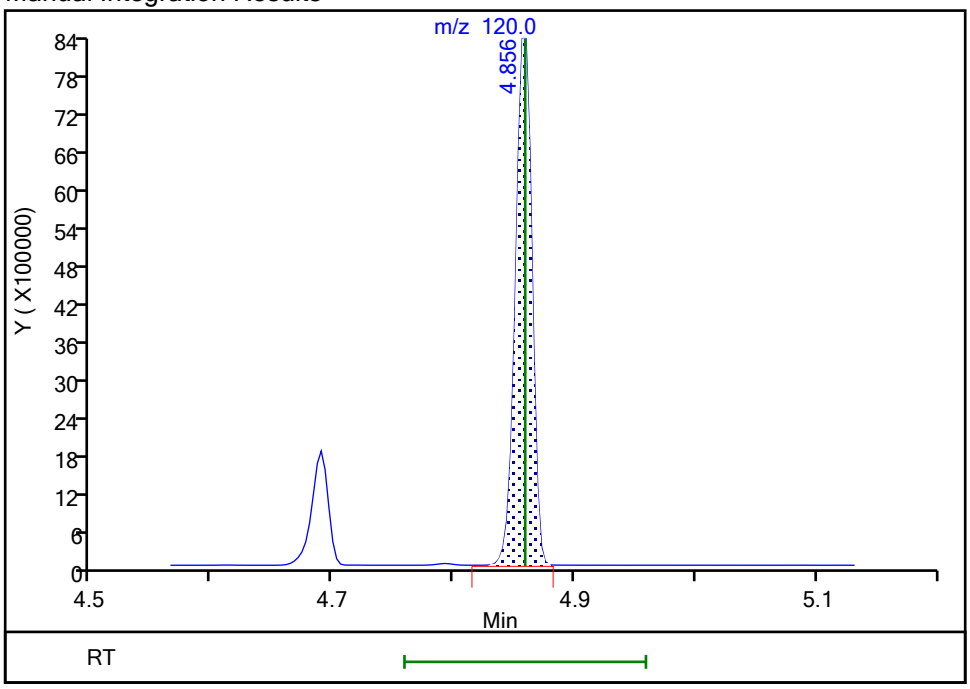
Not Detected
Expected RT: 4.86

Processing Integration Results



Manual Integration Results

RT: 4.86
Area: 8042819
Amount: 16.820994
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

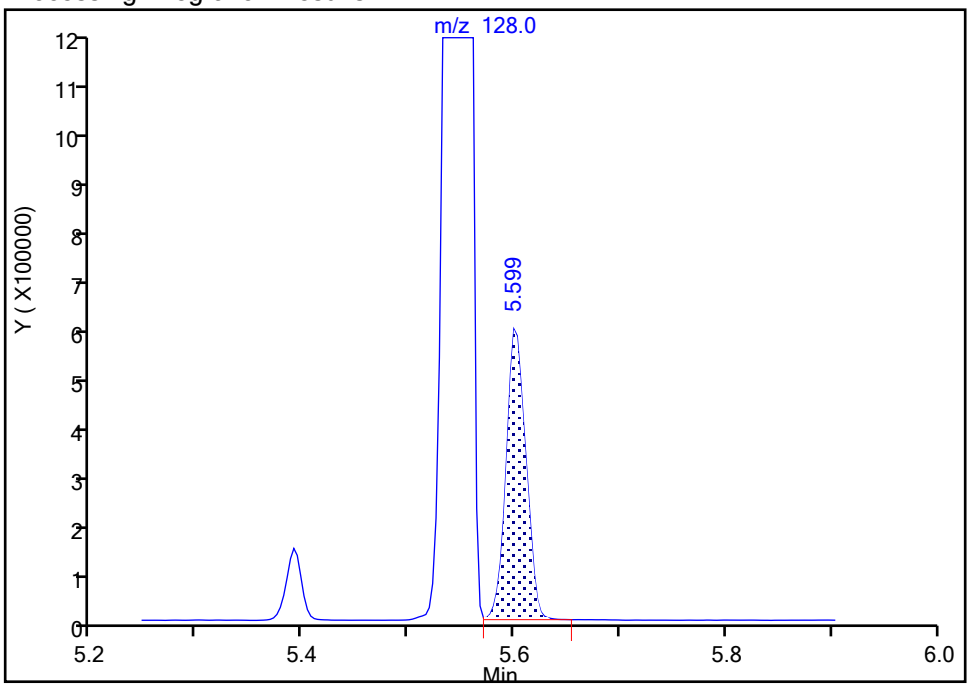
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

39 Naphthalene, CAS: 91-20-3

Signal: 1

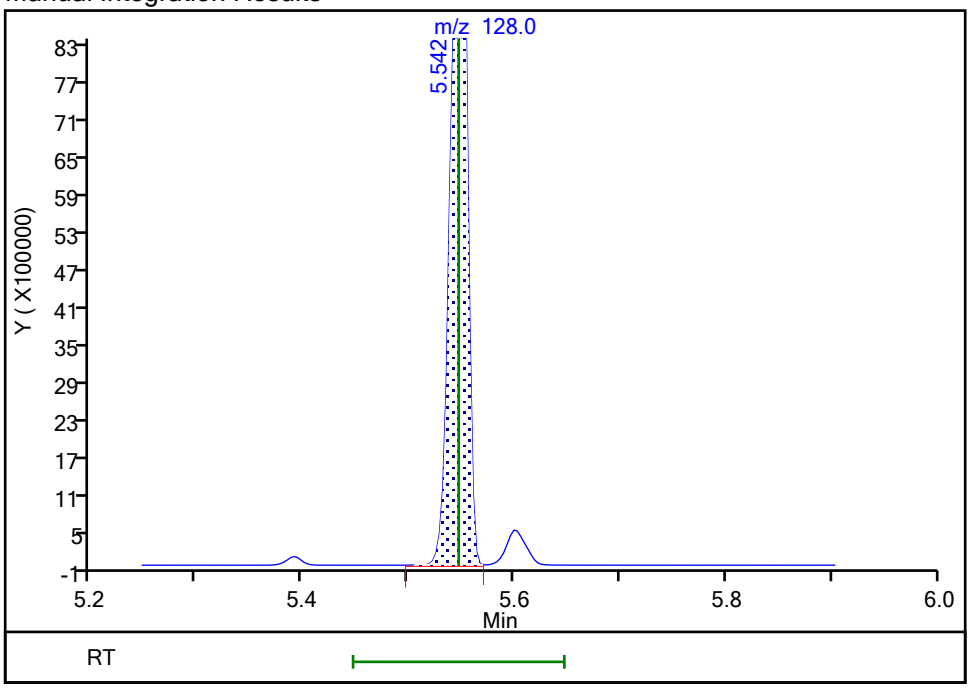
Processing Integration Results

RT: 5.60
Area: 718880
Amount: 1.487842
Amount Units: ug/ml



Manual Integration Results

RT: 5.54
Area: 11146913
Amount: 13.239952
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:29 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

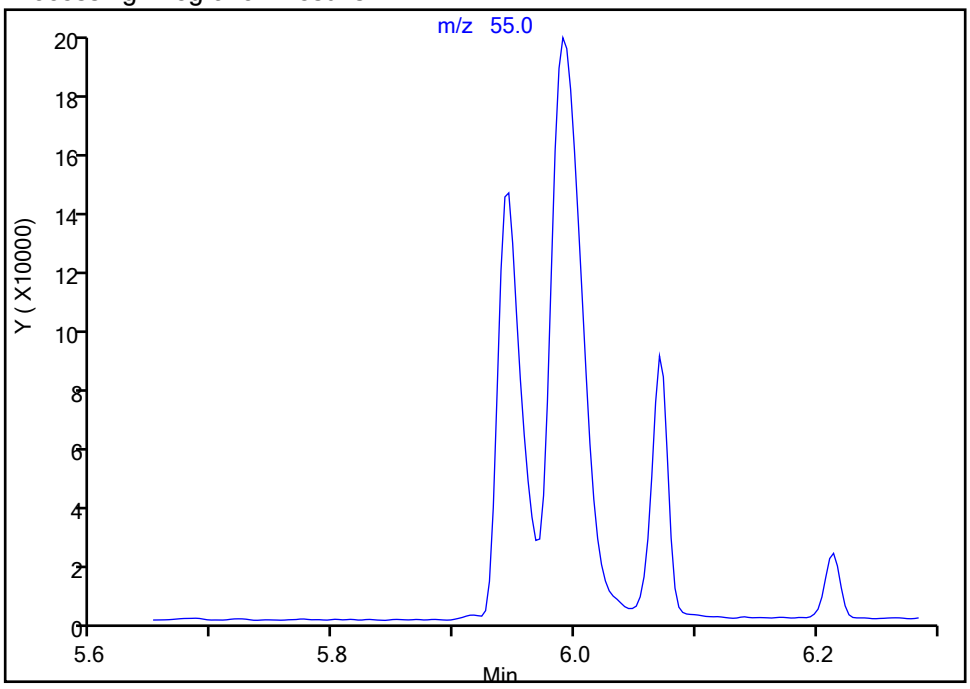
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

44 Caprolactam, CAS: 105-60-2

Signal: 1

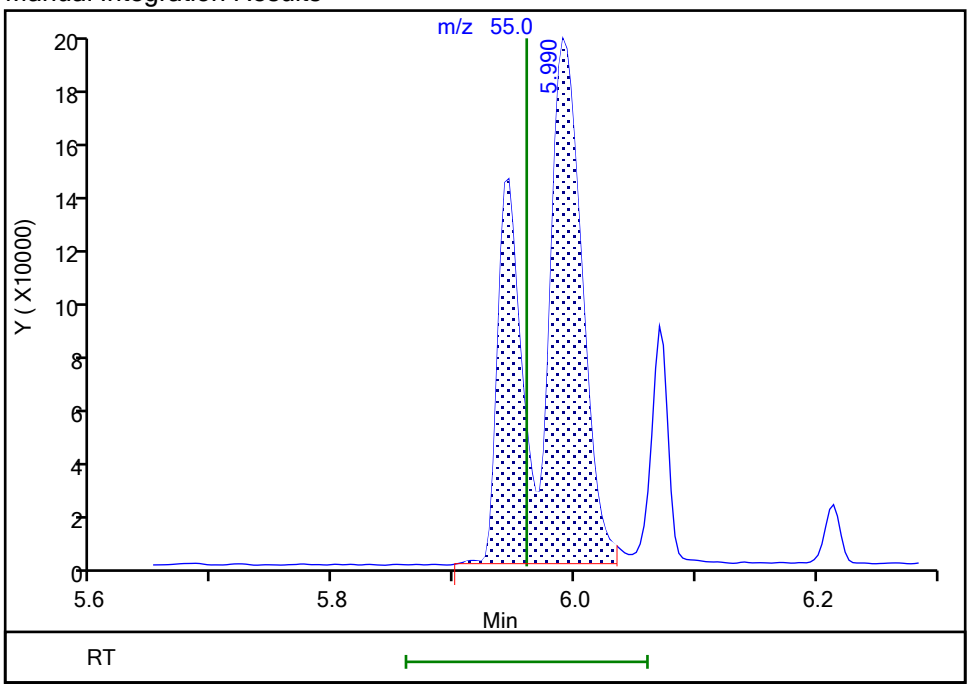
Not Detected
Expected RT: 5.96

Processing Integration Results



Manual Integration Results

RT: 5.99
Area: 536988
Amount: 5.575563
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

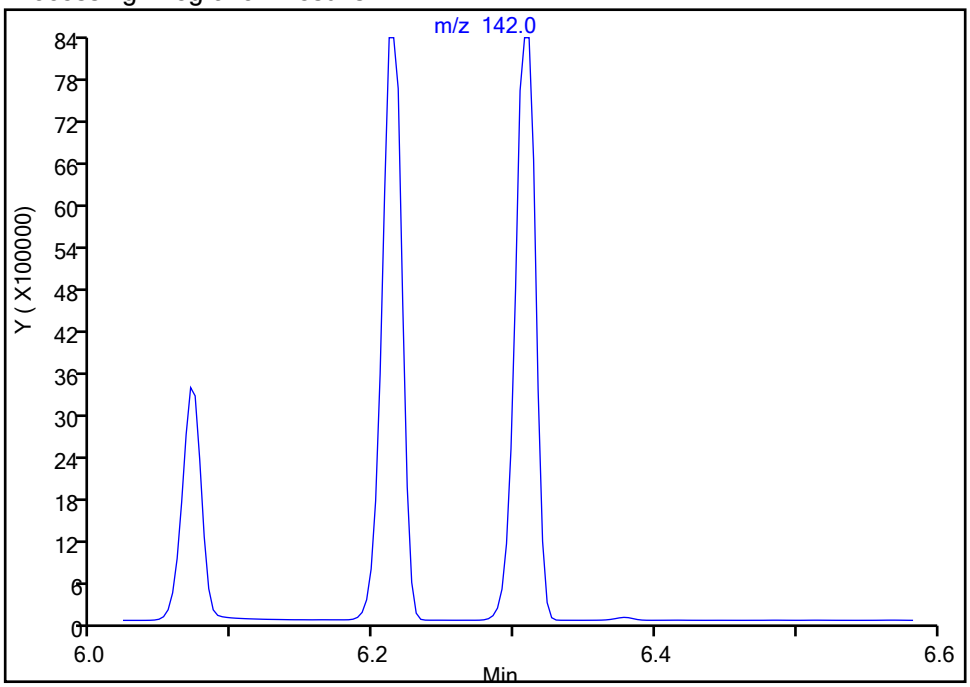
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

47 1-Methylnaphthalene, CAS: 90-12-0

Signal: 1

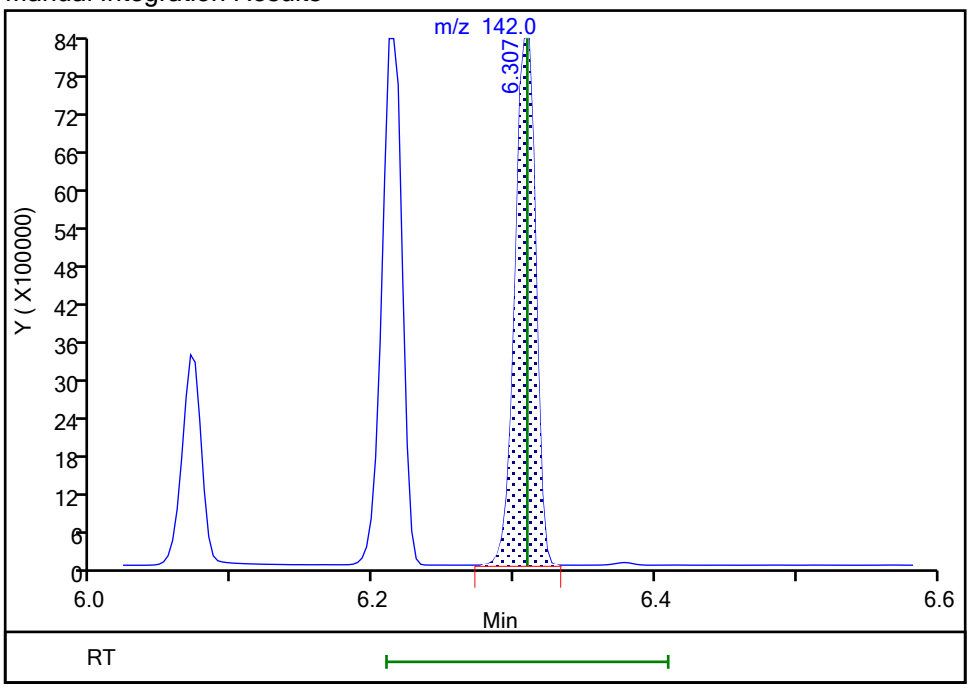
Not Detected
Expected RT: 6.31

Processing Integration Results



Manual Integration Results

RT: 6.31
Area: 8624593
Amount: 16.363894
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

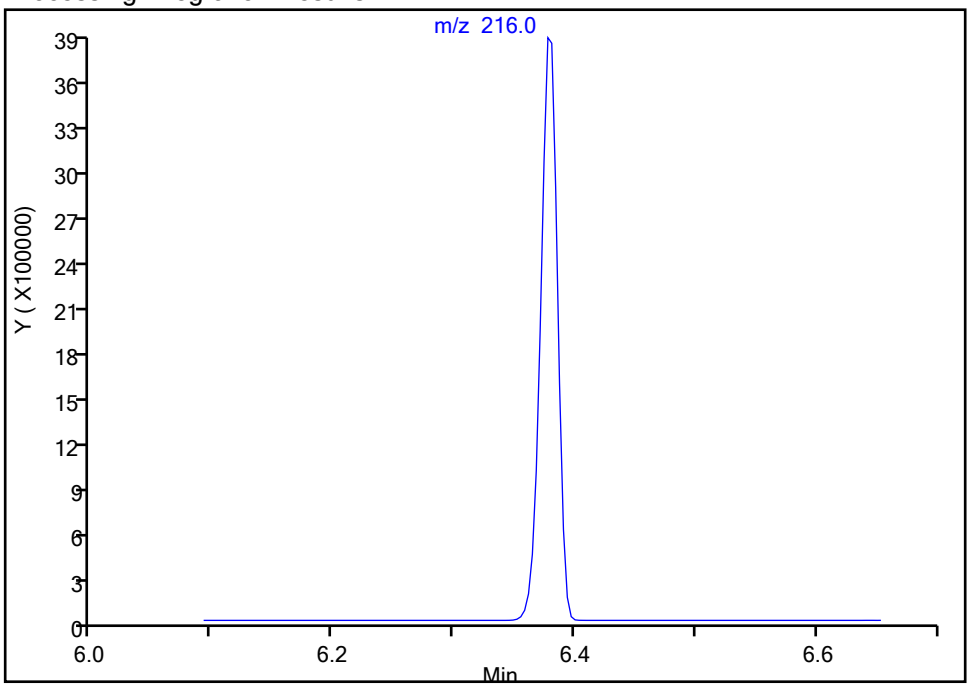
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

49 1,2,4,5-Tetrachlorobenzene, CAS: 95-94-3

Signal: 1

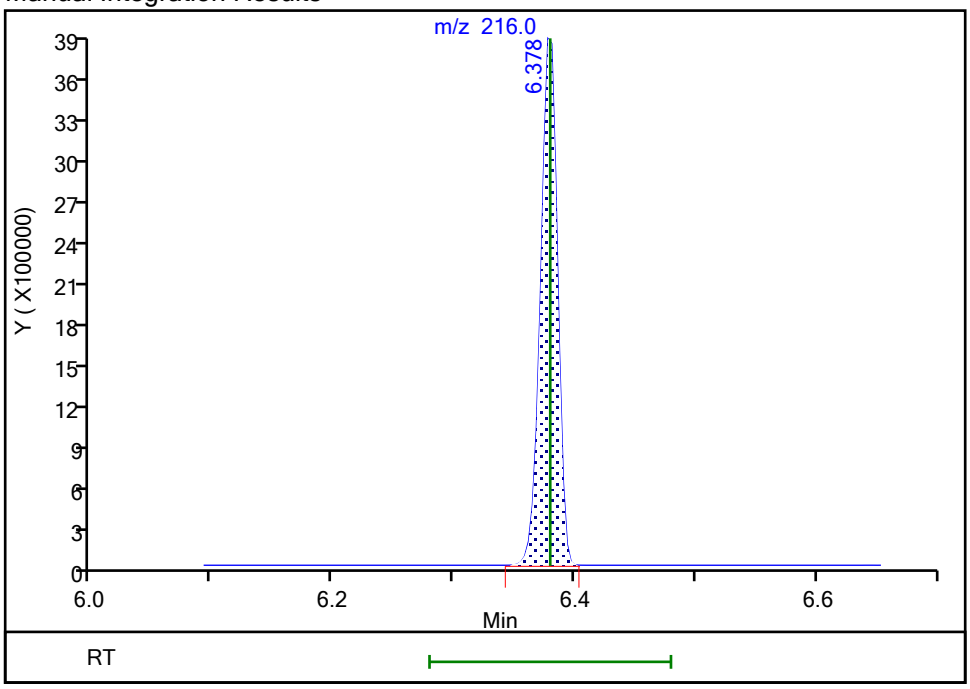
Not Detected
Expected RT: 6.38

Processing Integration Results



Manual Integration Results

RT: 6.38
Area: 3717402
Amount: 17.643775
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

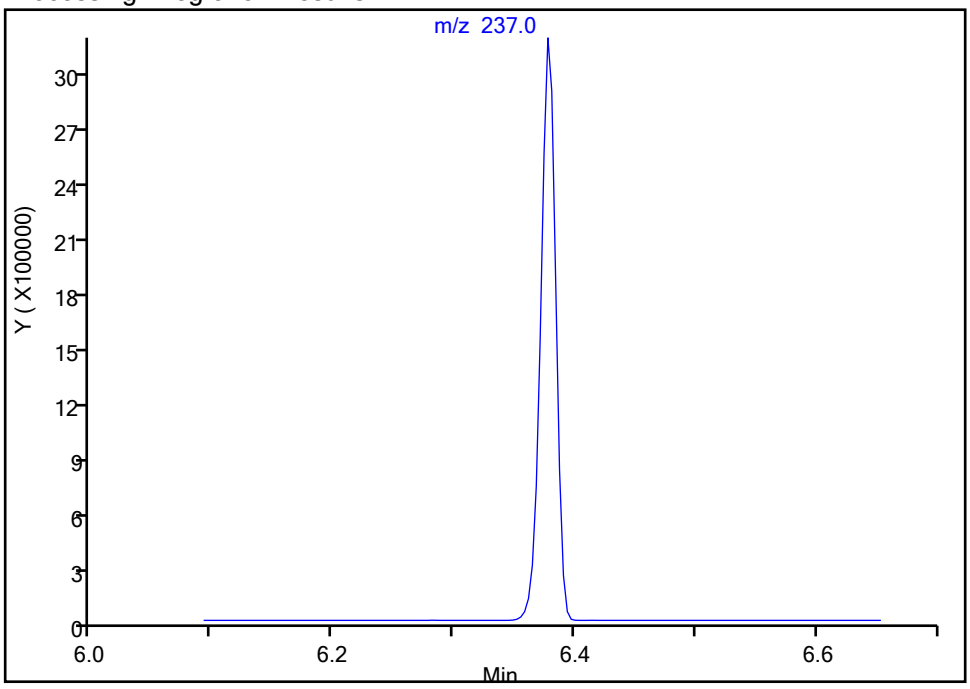
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

48 Hexachlorocyclopentadiene, CAS: 77-47-4

Signal: 1

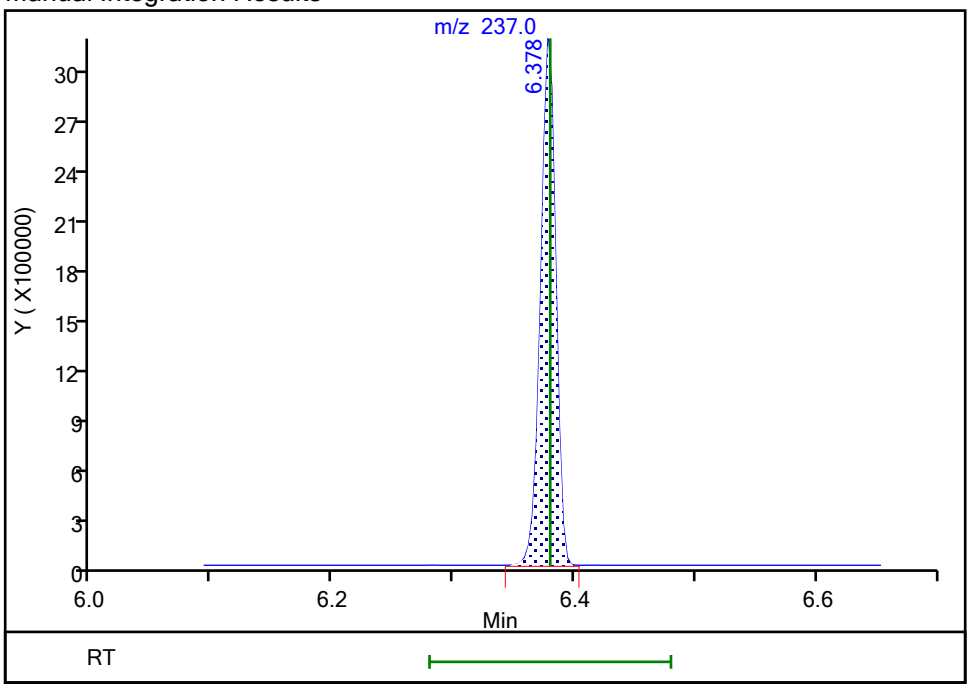
Not Detected
Expected RT: 6.38

Processing Integration Results



Manual Integration Results

RT: 6.38
Area: 2724883
Amount: 18.946288
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

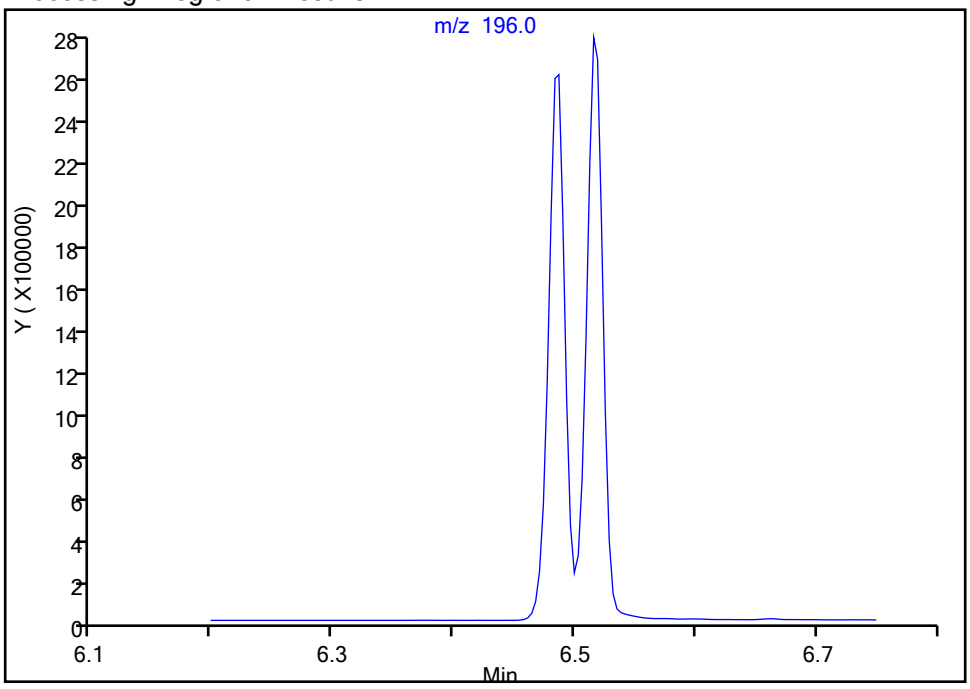
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

51 2,4,6-Trichlorophenol, CAS: 88-06-2

Signal: 1

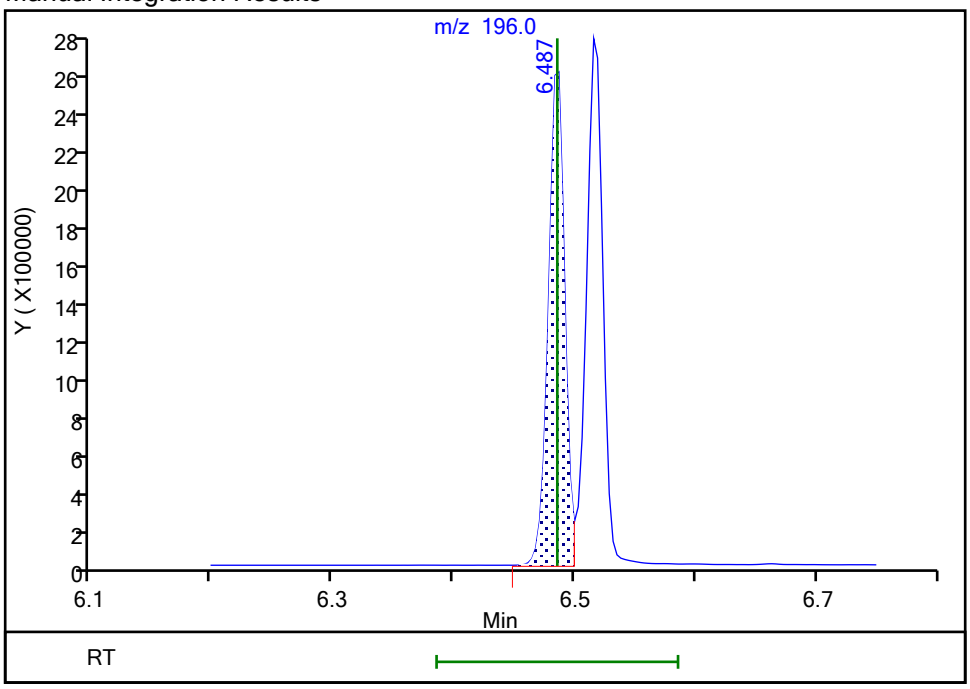
Not Detected
Expected RT: 6.49

Processing Integration Results



Manual Integration Results

RT: 6.49
Area: 2446601
Amount: 18.090348
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:21:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

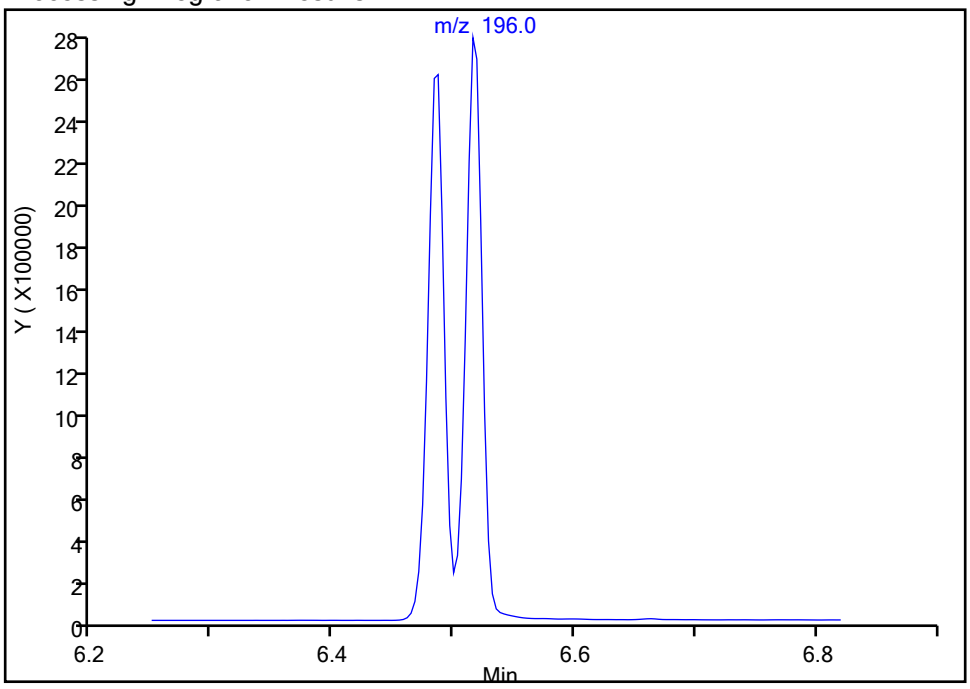
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

52 2,4,5-Trichlorophenol, CAS: 95-95-4

Signal: 1

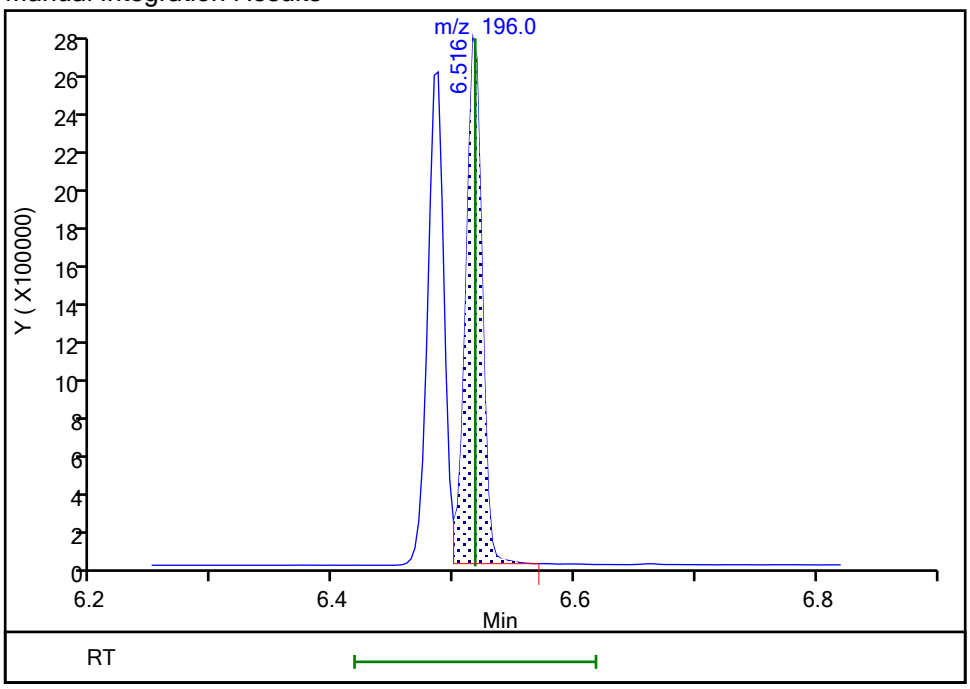
Not Detected
Expected RT: 6.52

Processing Integration Results



RT: 6.52
Area: 2608016
Amount: 18.204217
Amount Units: ug/ml

Manual Integration Results



Reviewer: G4KC, 25-Jul-2025 07:20:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

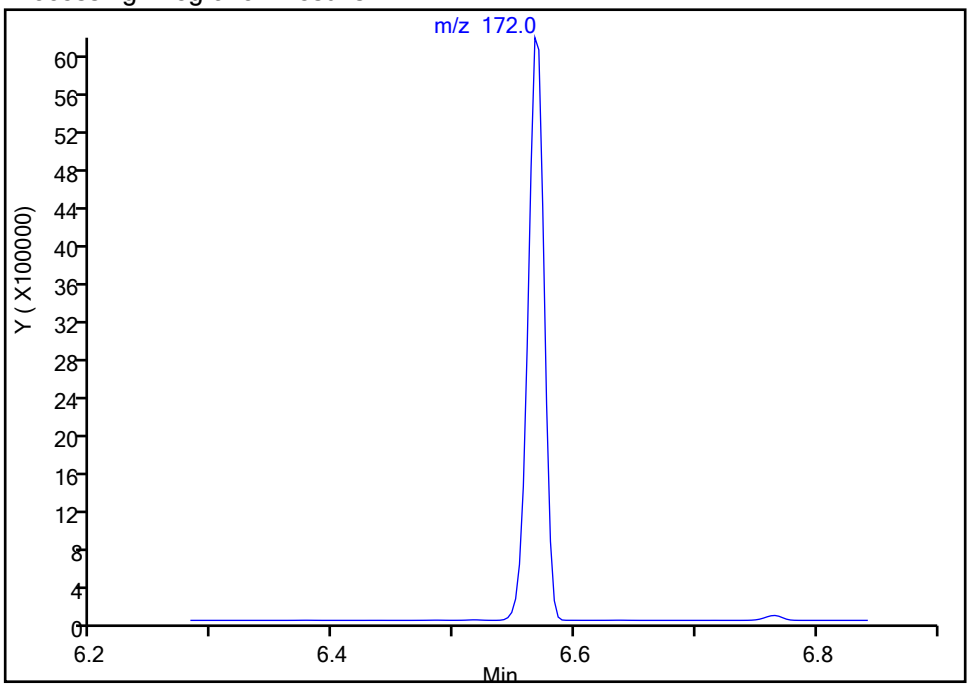
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

$ 53 2-Fluorobiphenyl, CAS: 321-60-8

Signal: 1

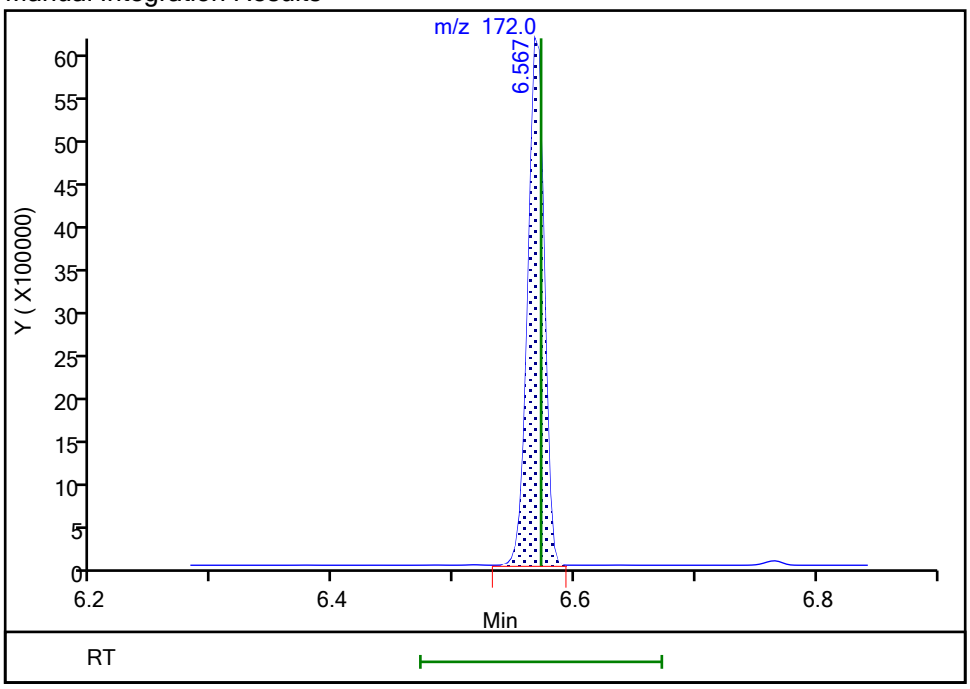
Not Detected
Expected RT: 6.57

Processing Integration Results



Manual Integration Results

RT: 6.57
Area: 5736931
Amount: 9.544851
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

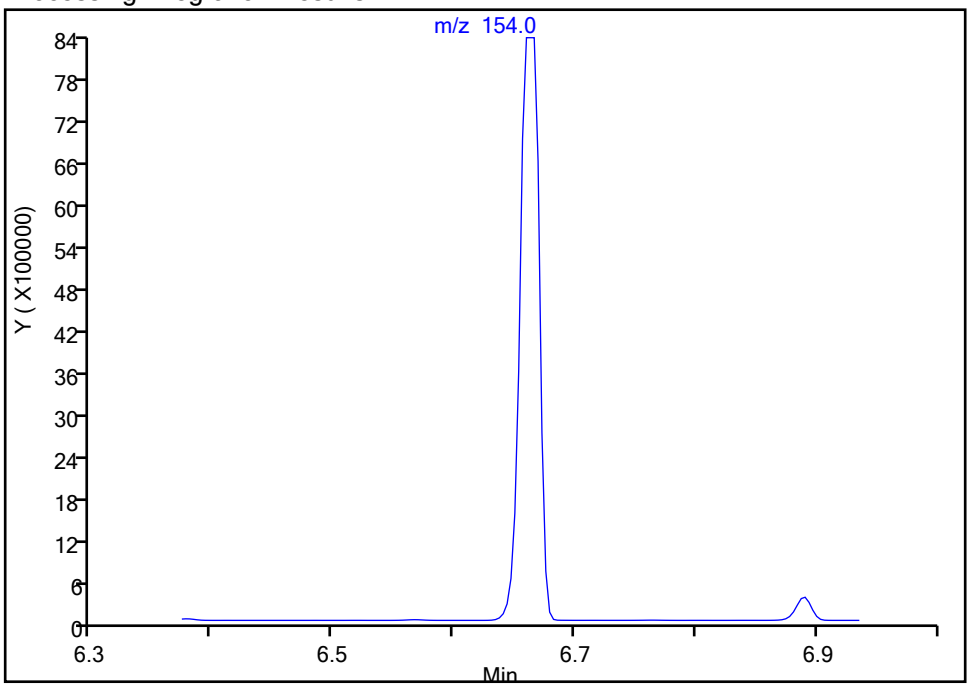
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

54 1,1'-Biphenyl, CAS: 92-52-4

Signal: 1

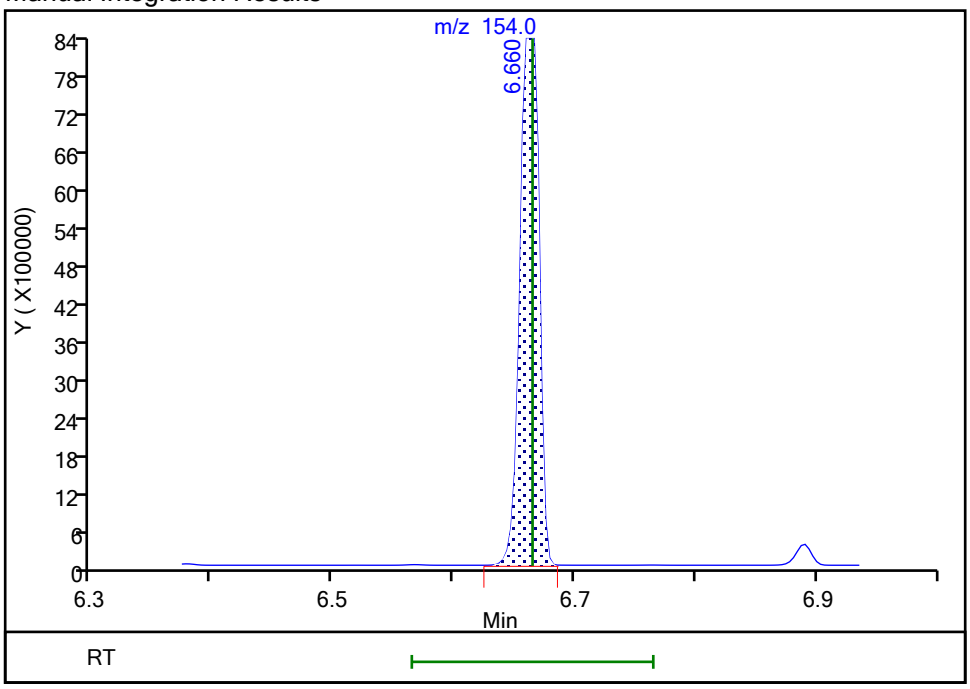
Not Detected
Expected RT: 6.66

Processing Integration Results



Manual Integration Results

RT: 6.66
Area: 9305126
Amount: 15.554657
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

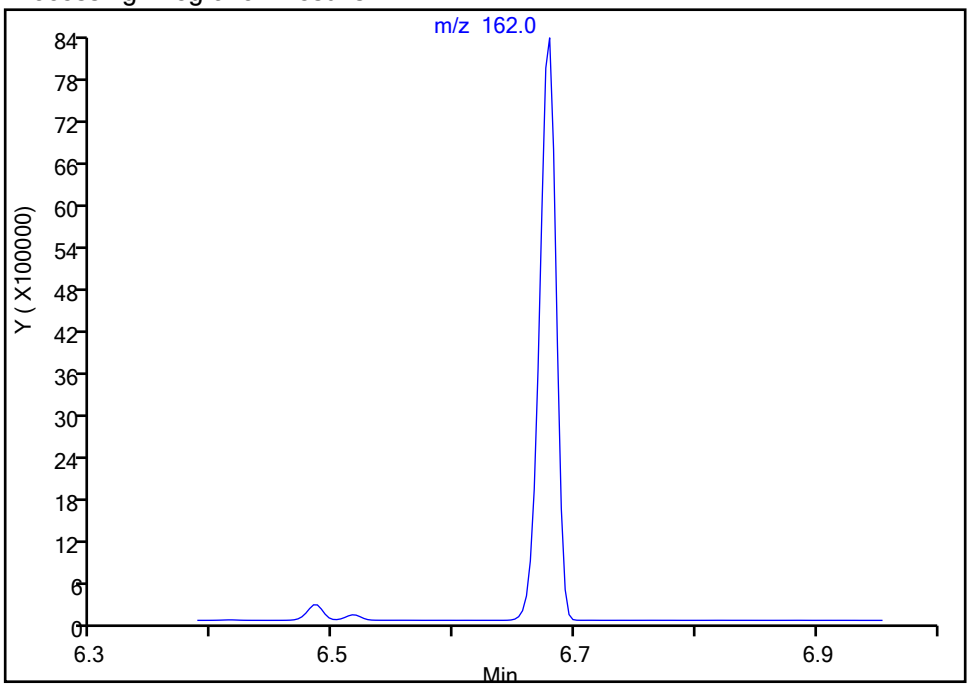
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

55 2-Chloronaphthalene, CAS: 91-58-7

Signal: 1

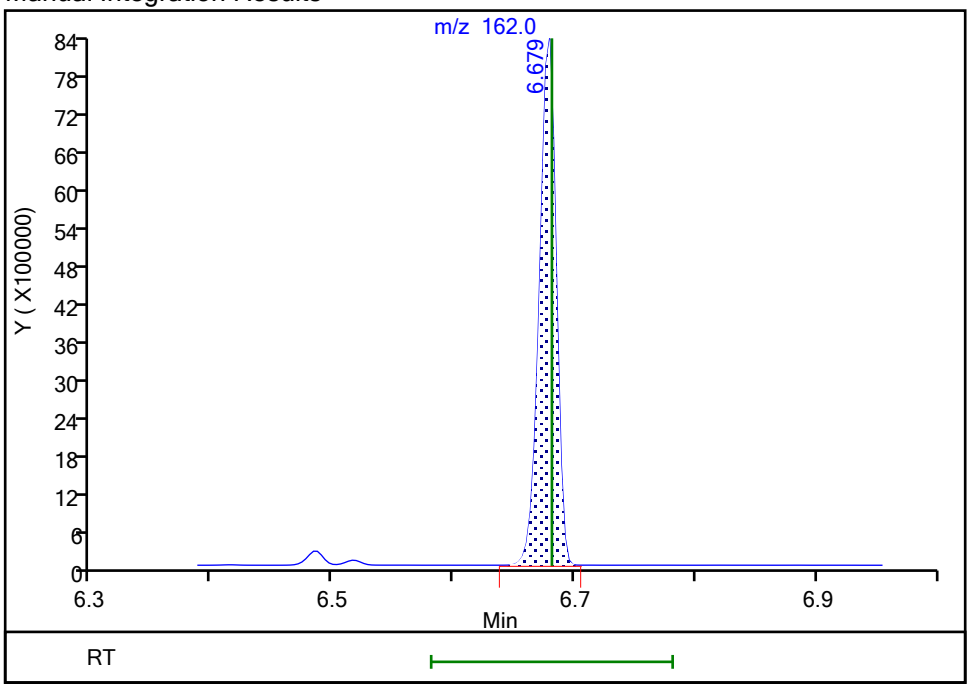
Not Detected
Expected RT: 6.68

Processing Integration Results



Manual Integration Results

RT: 6.68
Area: 8090677
Amount: 17.490256
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

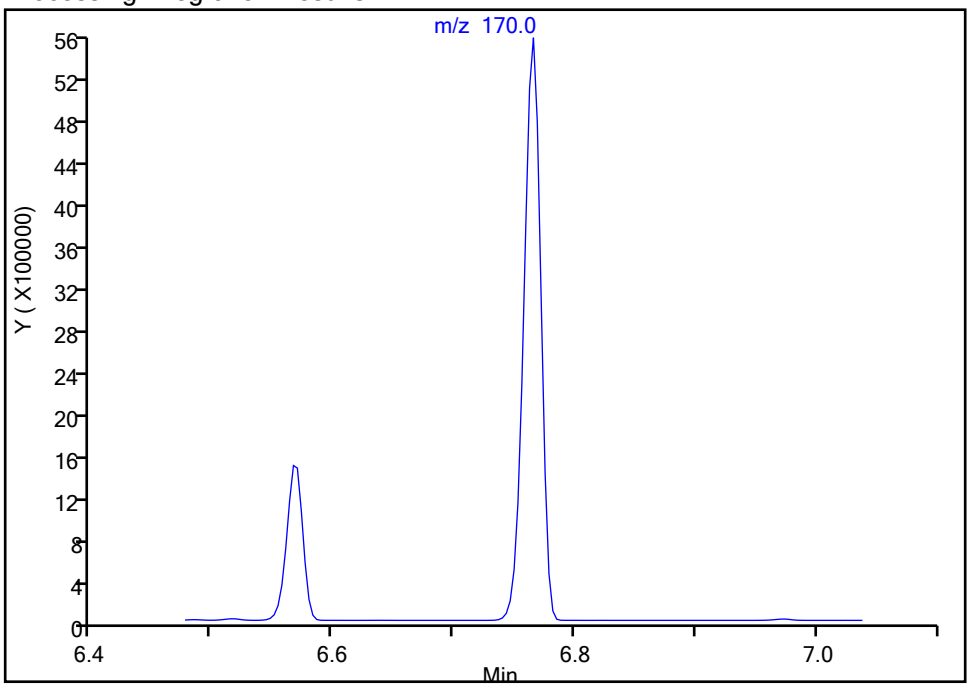
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

56 Phenyl ether, CAS: 101-84-8

Signal: 1

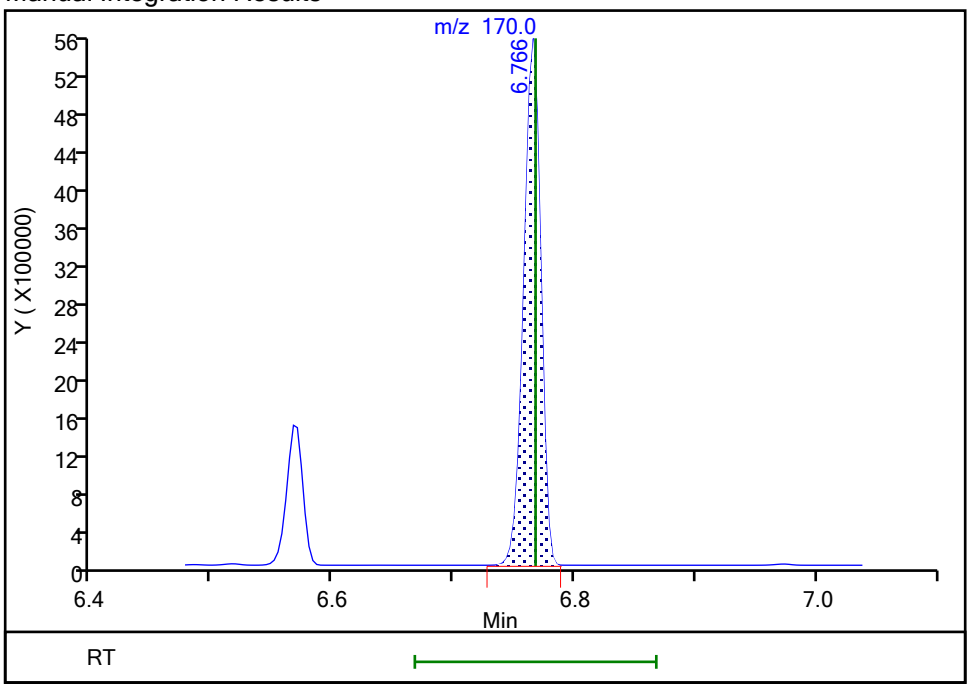
Not Detected
Expected RT: 6.77

Processing Integration Results



Manual Integration Results

RT: 6.77
Area: 5384714
Amount: 17.037981
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

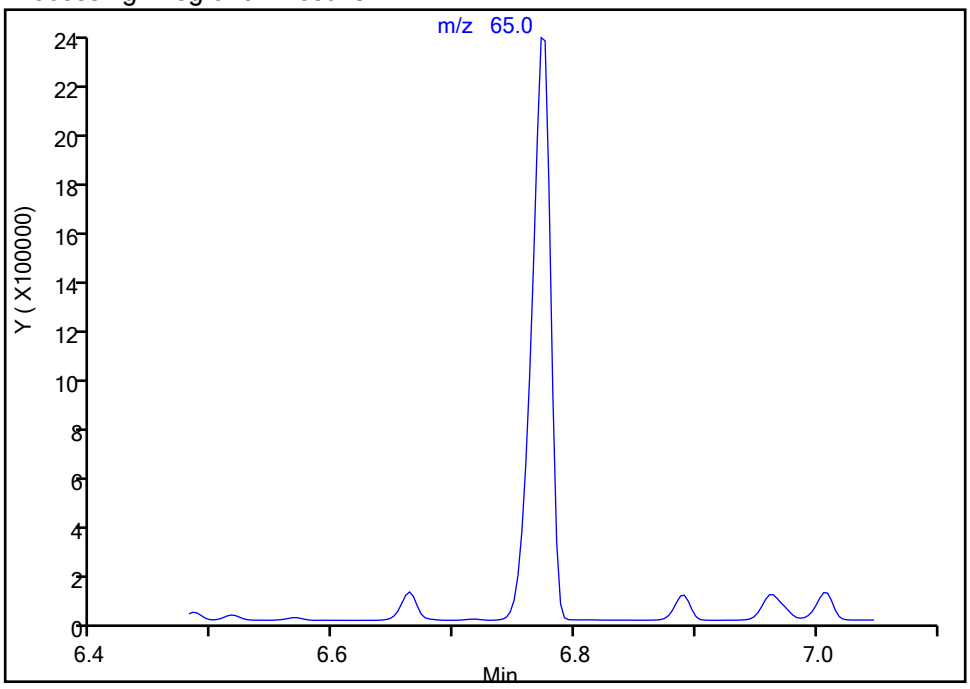
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

57 2-Nitroaniline, CAS: 88-74-4

Signal: 1

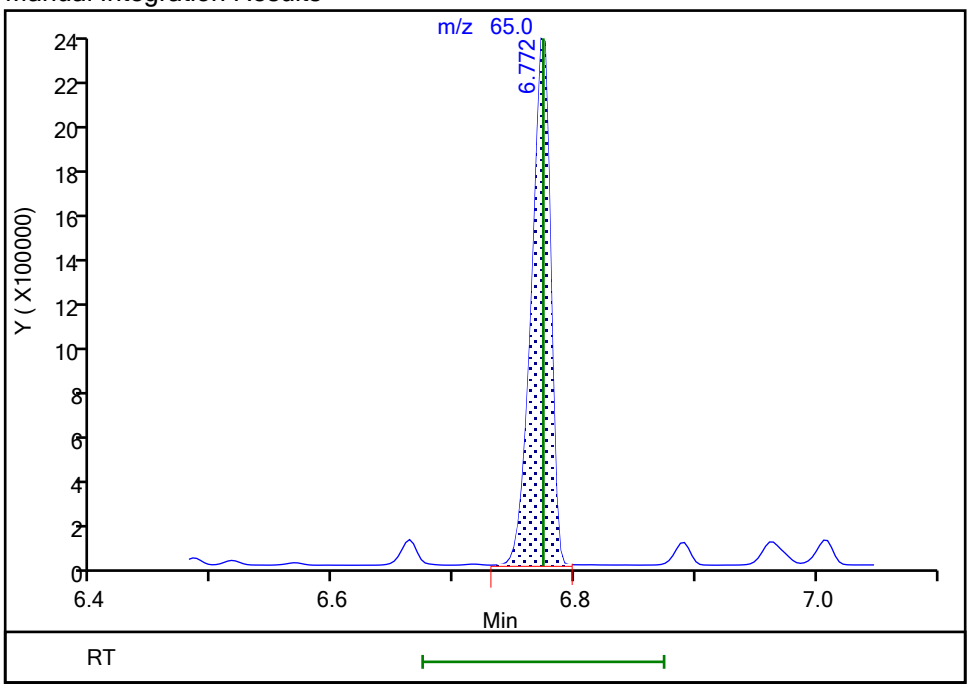
Not Detected
Expected RT: 6.77

Processing Integration Results



Manual Integration Results

RT: 6.77
Area: 2611456
Amount: 17.841214
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

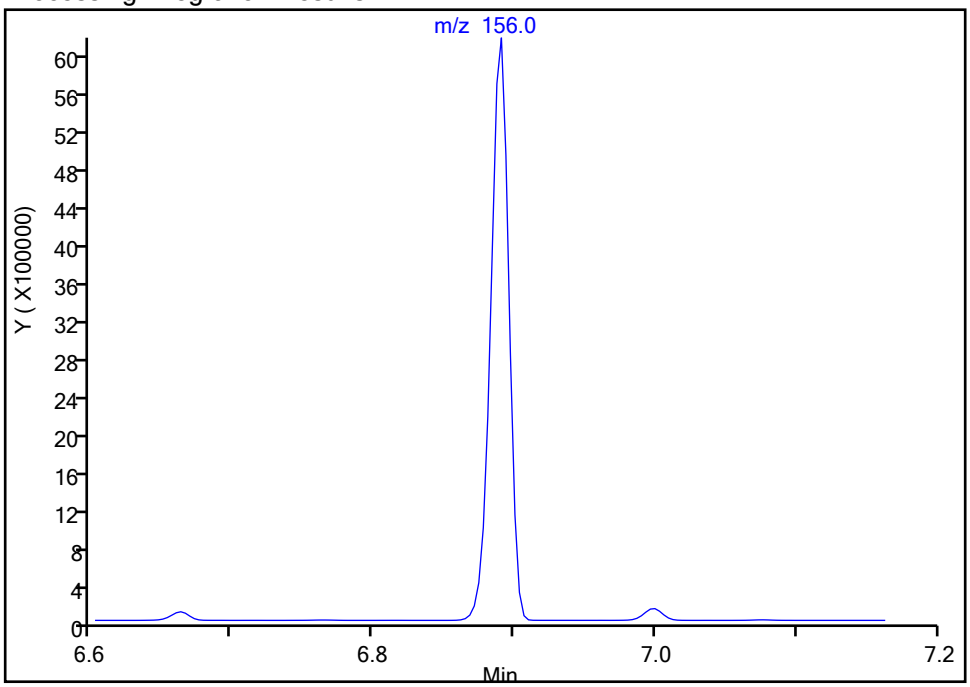
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

58 1,3-Dimethylnaphthalene, CAS: 575-41-7

Signal: 1

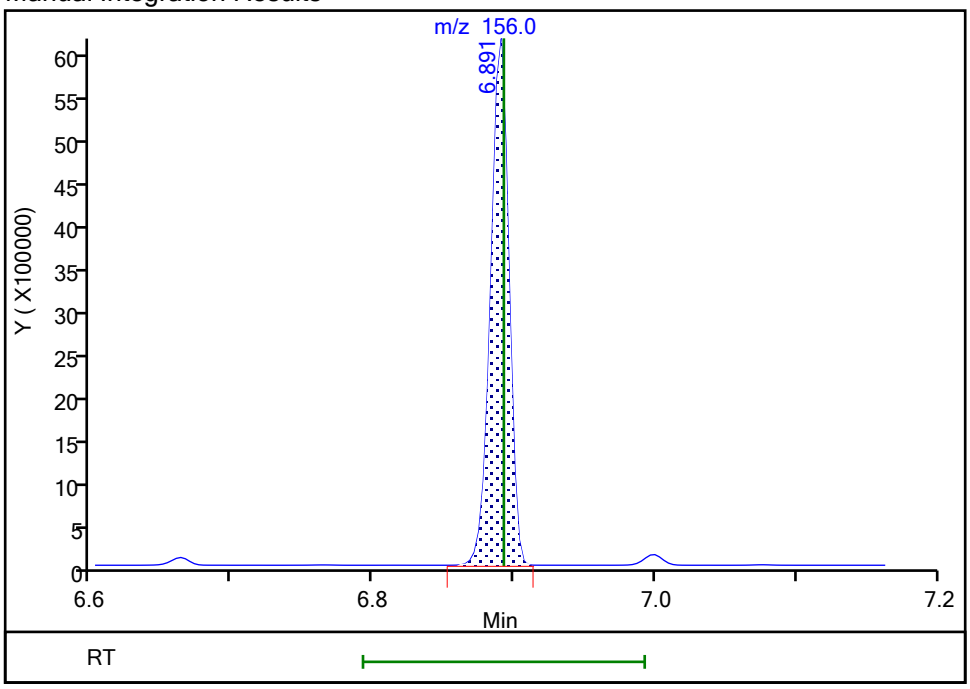
Not Detected
Expected RT: 6.89

Processing Integration Results



Manual Integration Results

RT: 6.89
Area: 5551696
Amount: 16.956727
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

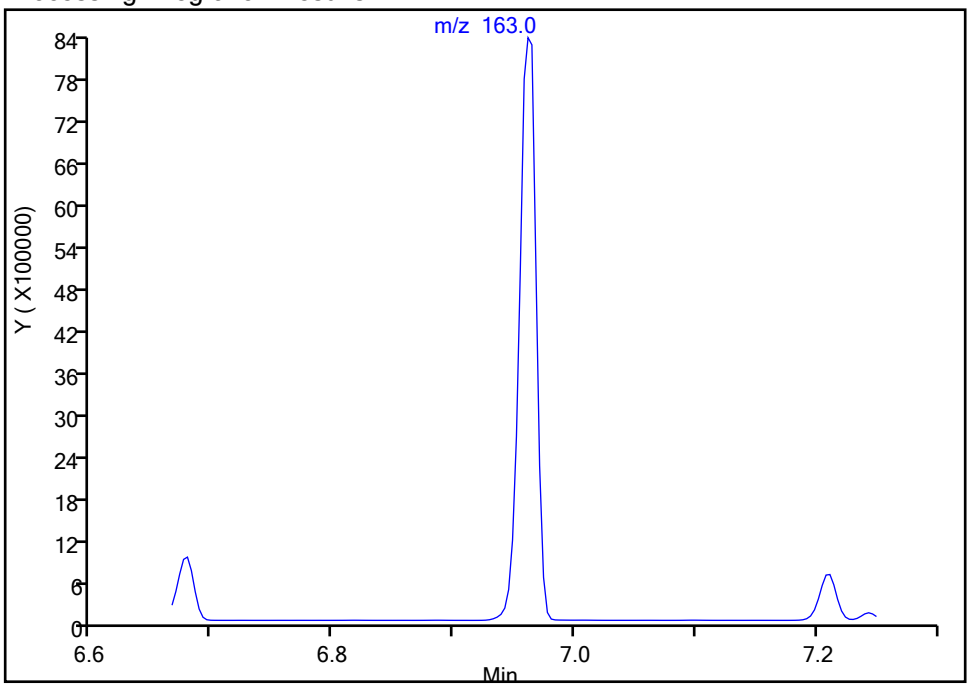
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Dimethyl phthalate, CAS: 131-11-3

Signal: 1

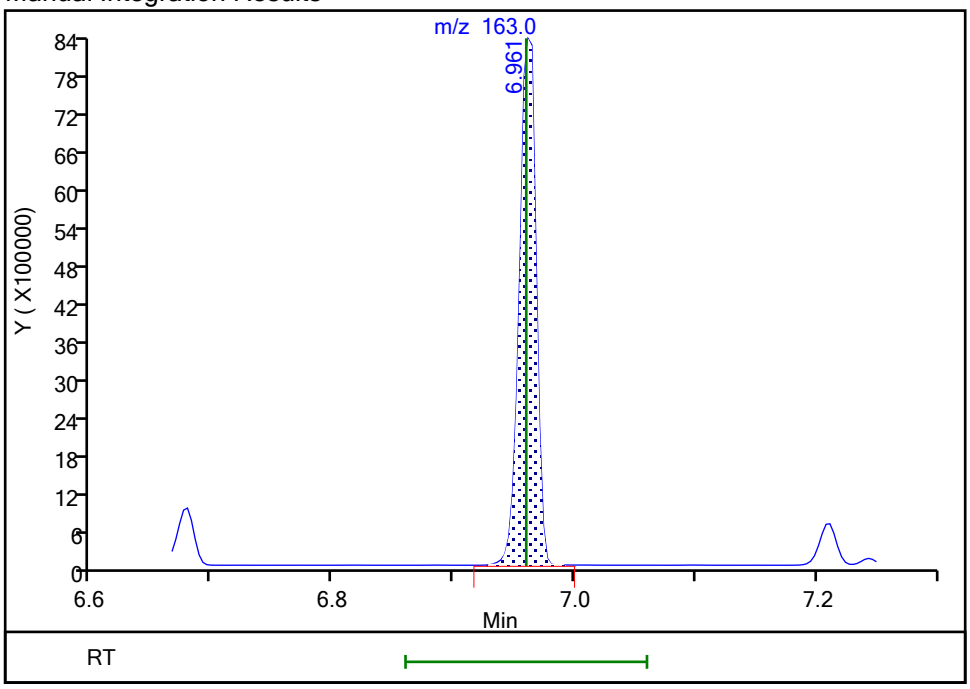
Not Detected
Expected RT: 6.96

Processing Integration Results



Manual Integration Results

RT: 6.96
Area: 8138125
Amount: 17.325205
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

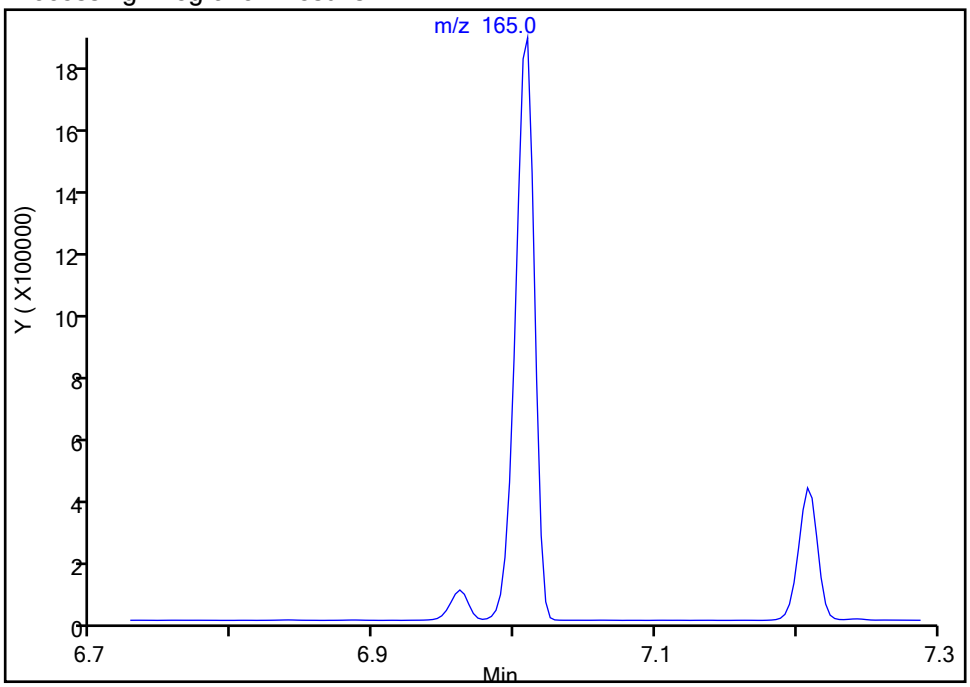
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

61 2,6-Dinitrotoluene, CAS: 606-20-2

Signal: 1

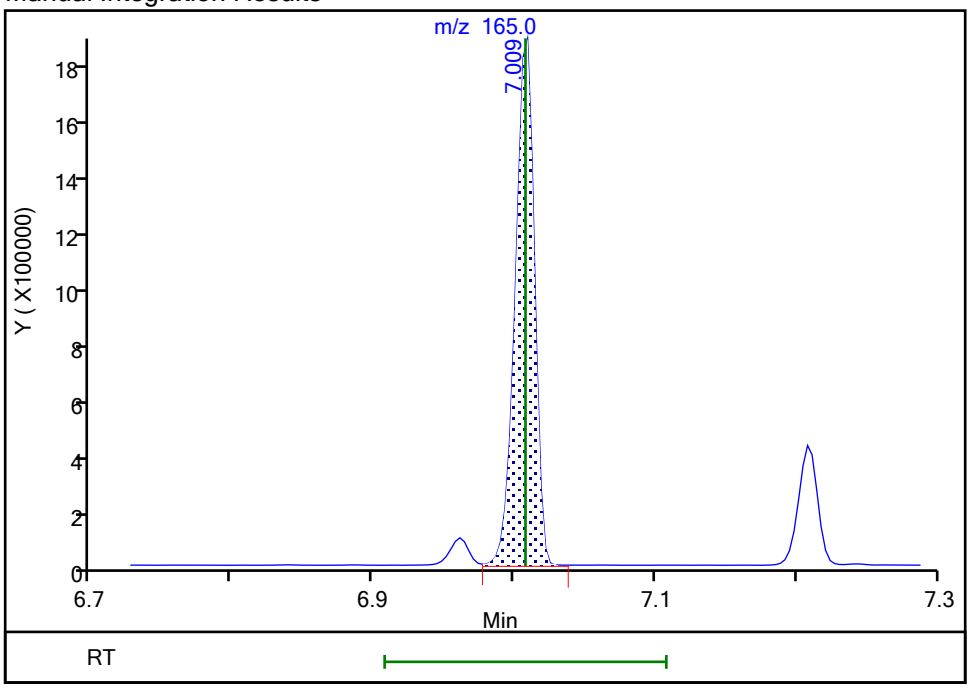
Not Detected
Expected RT: 7.01

Processing Integration Results



Manual Integration Results

RT: 7.01
Area: 1766150
Amount: 18.683569
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

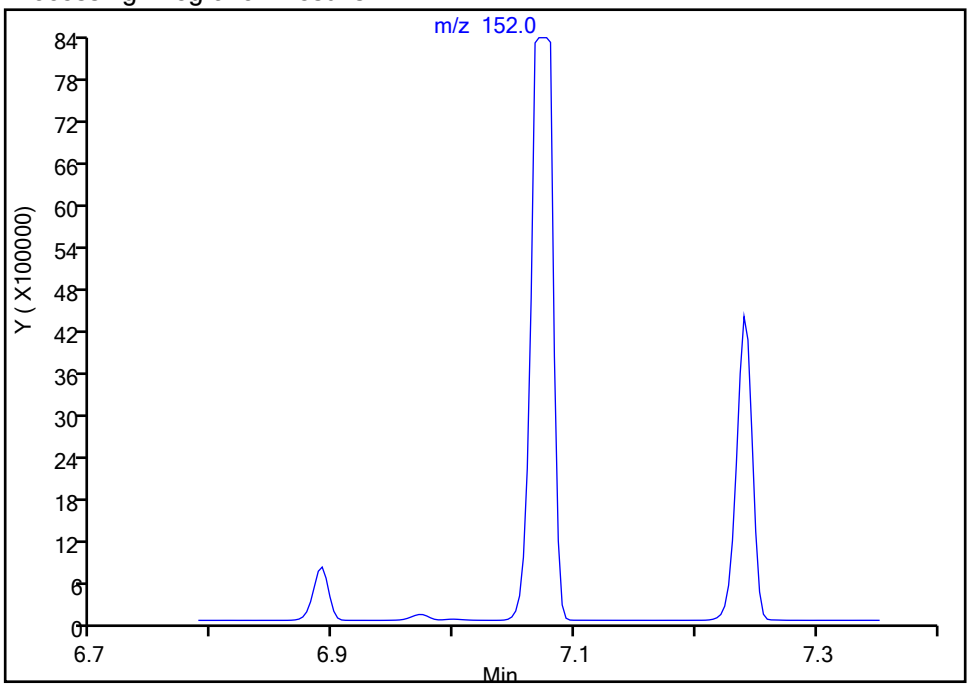
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthylene, CAS: 208-96-8

Signal: 1

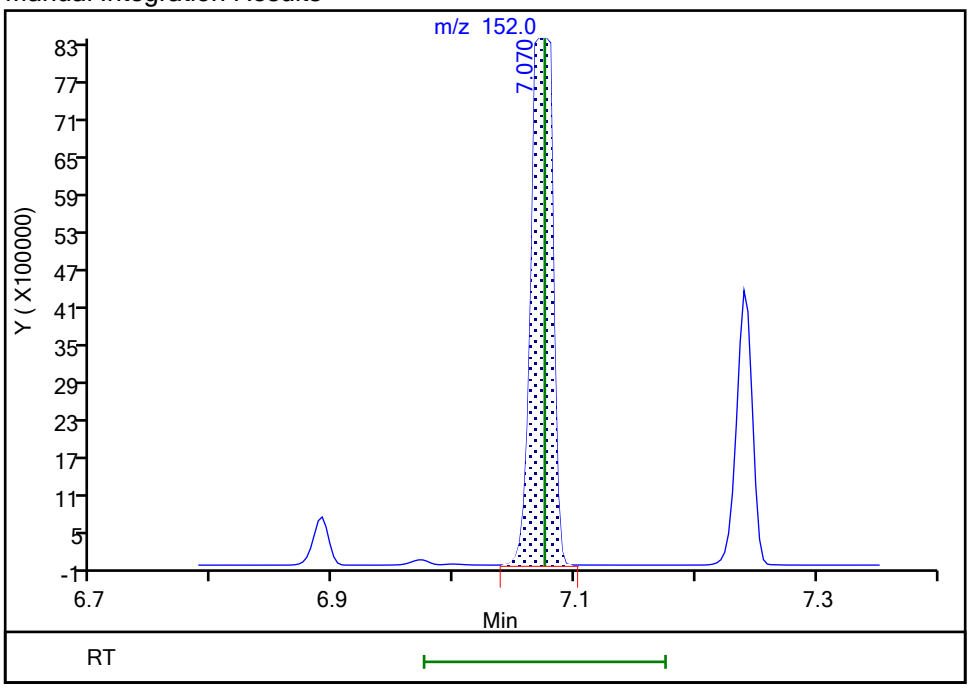
Not Detected
Expected RT: 7.08

Processing Integration Results



Manual Integration Results

RT: 7.07
Area: 10645735
Amount: 14.945267
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

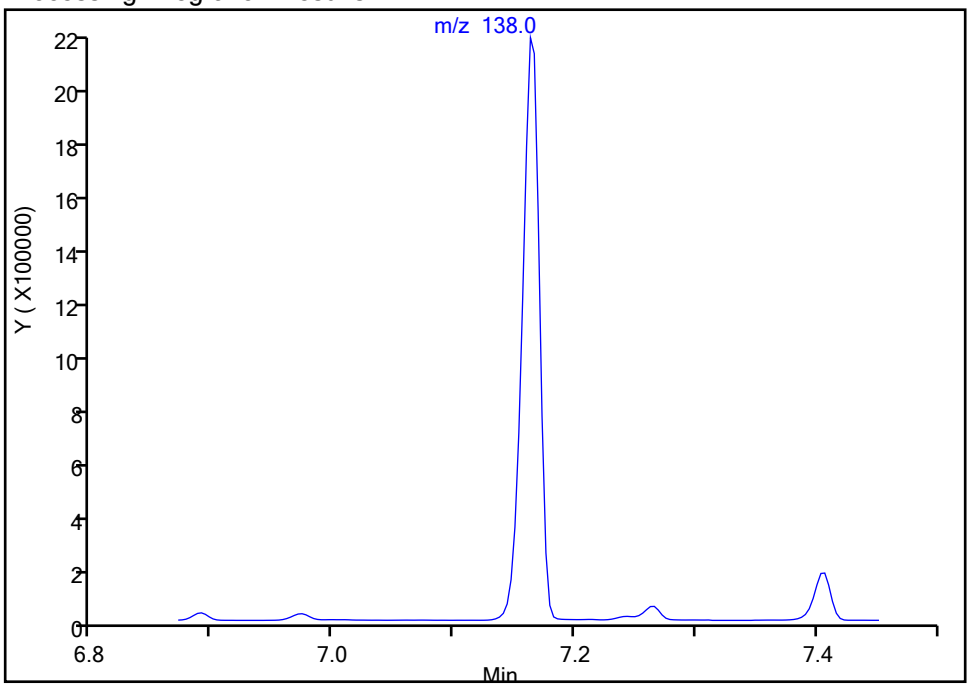
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

63 3-Nitroaniline, CAS: 99-09-2

Signal: 1

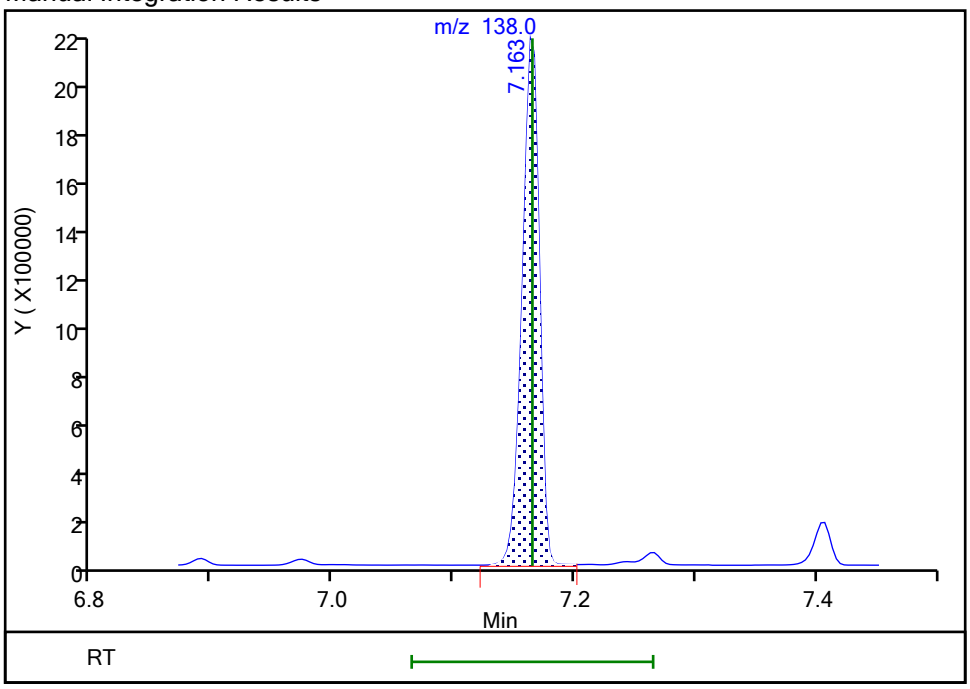
Not Detected
Expected RT: 7.16

Processing Integration Results



Manual Integration Results

RT: 7.16
Area: 2153889
Amount: 18.492043
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

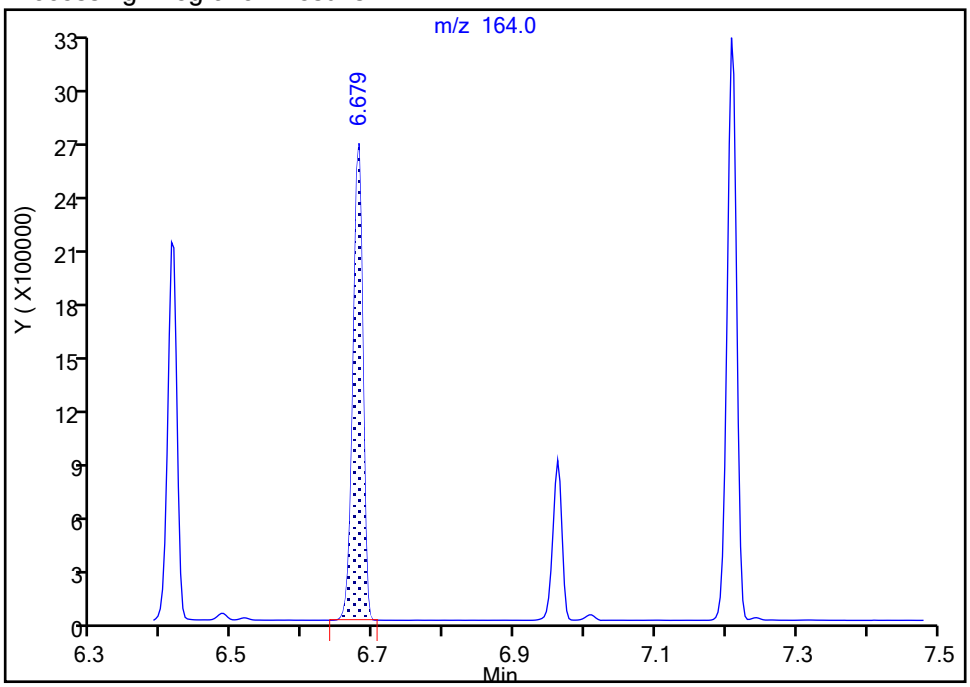
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

* 64 Acenaphthene-d10, CAS: 15067-26-2

Signal: 1

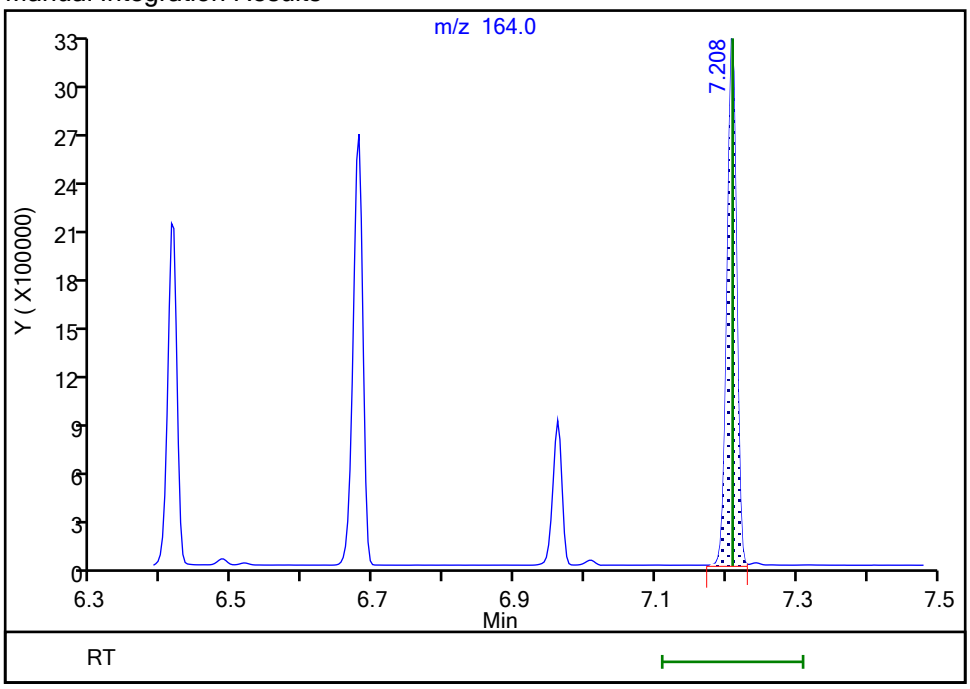
Processing Integration Results

RT: 6.68
Area: 2577502
Amount: 8.000000
Amount Units: ug/ml



Manual Integration Results

RT: 7.21
Area: 3079112
Amount: 8.000000
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

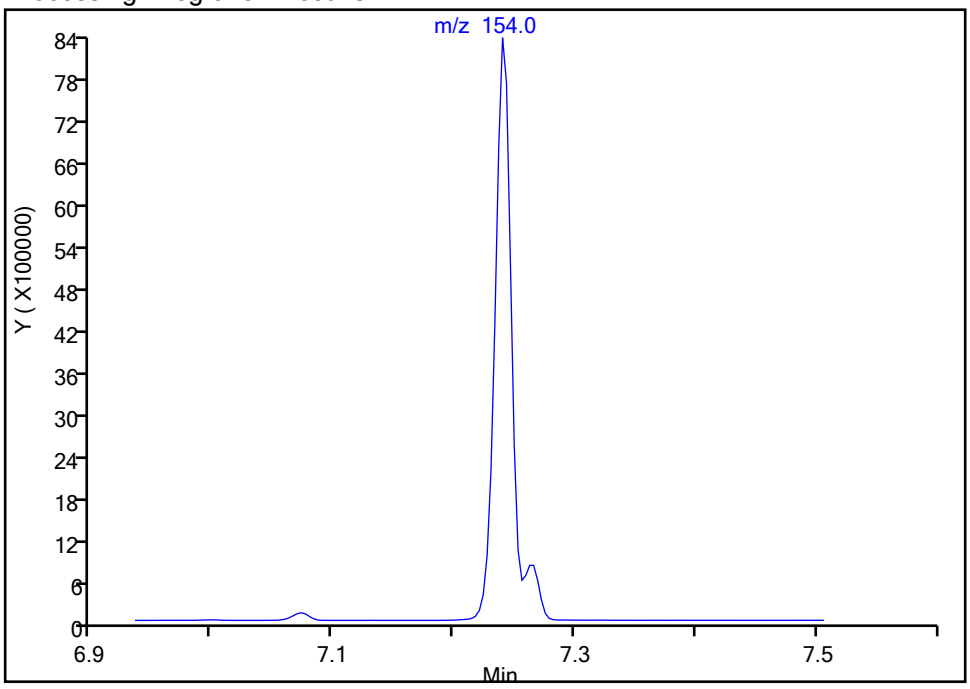
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

66 Acenaphthene, CAS: 83-32-9

Signal: 1

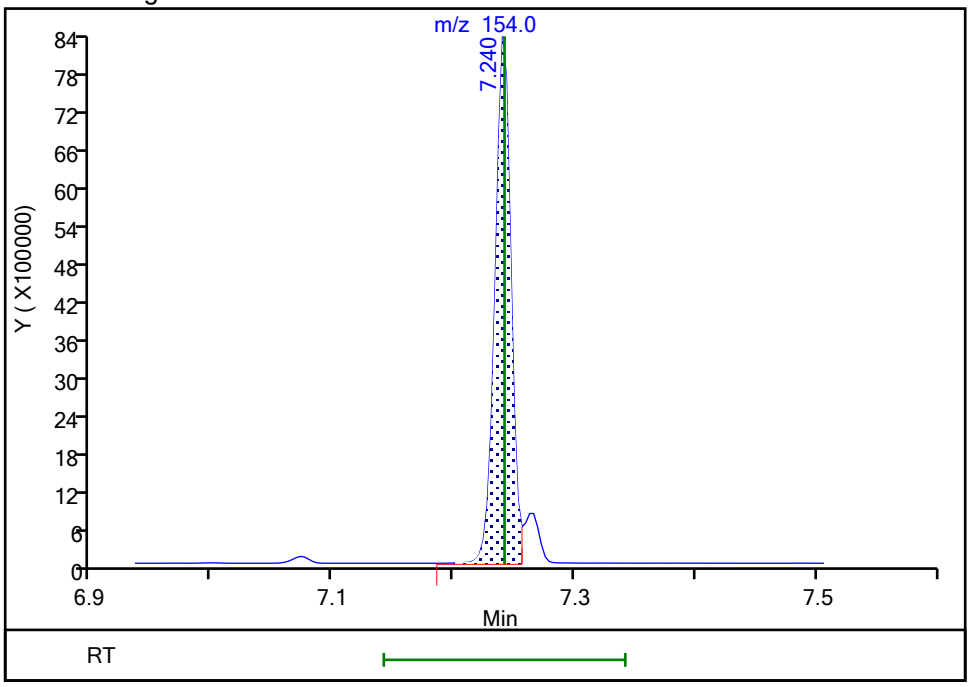
Not Detected
Expected RT: 7.24

Processing Integration Results



Manual Integration Results

RT: 7.24
Area: 7699181
Amount: 16.903333
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

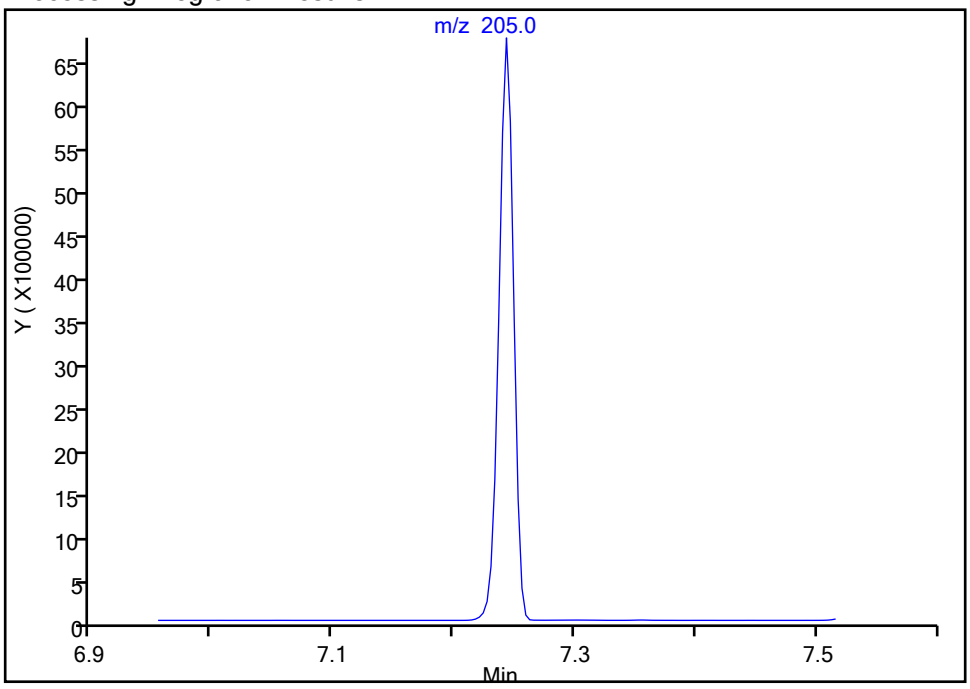
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

65 3,5-di-tert-butyl-4-hydroxytol, CAS: 128-37-0

Signal: 1

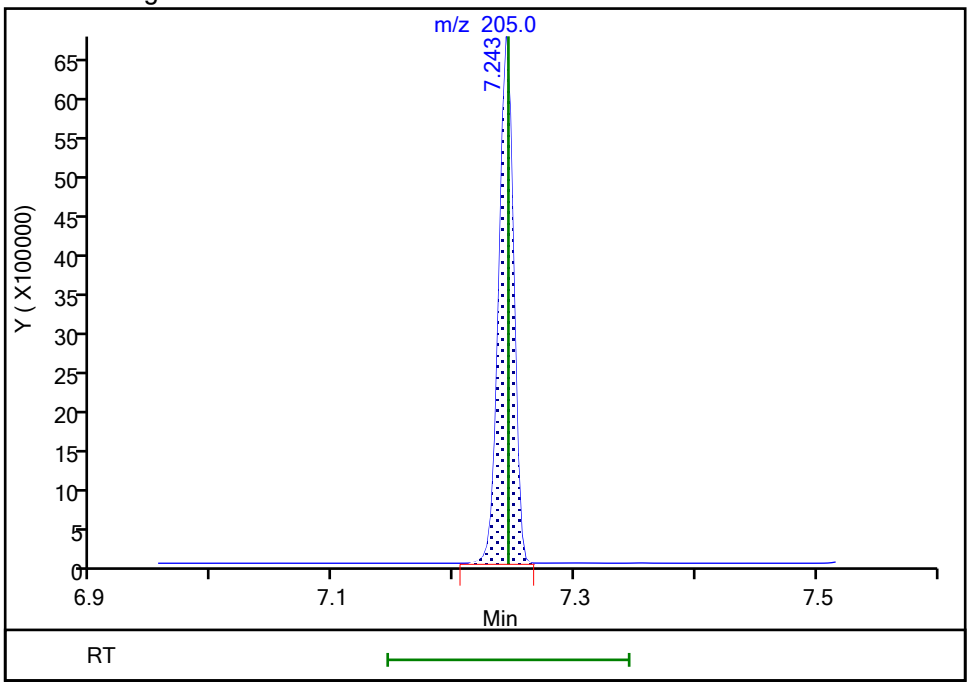
Not Detected
Expected RT: 7.24

Processing Integration Results



Manual Integration Results

RT: 7.24
Area: 5682966
Amount: 17.690967
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

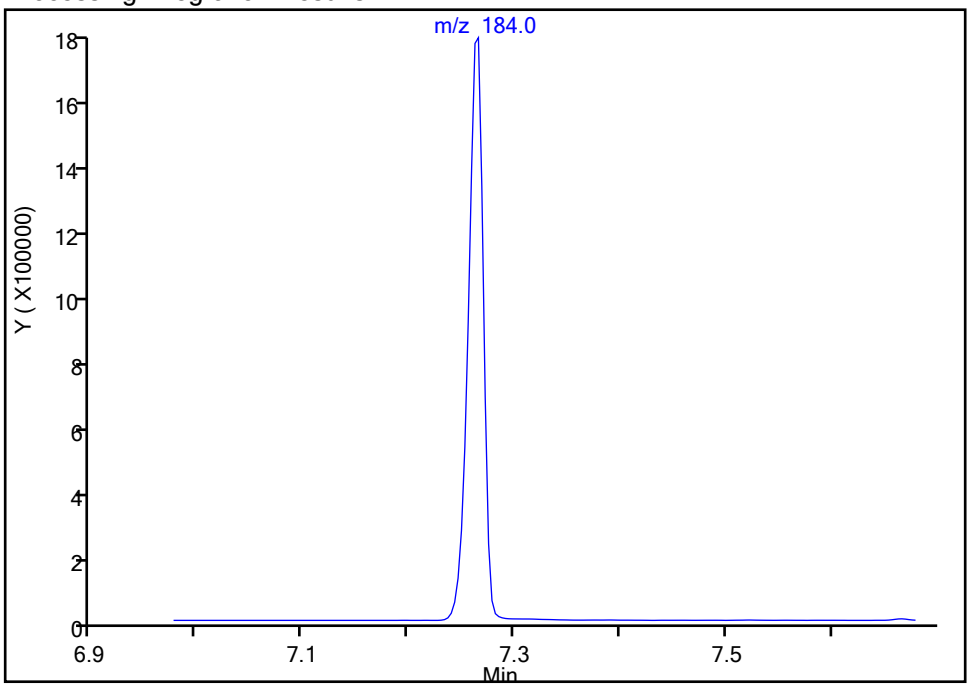
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

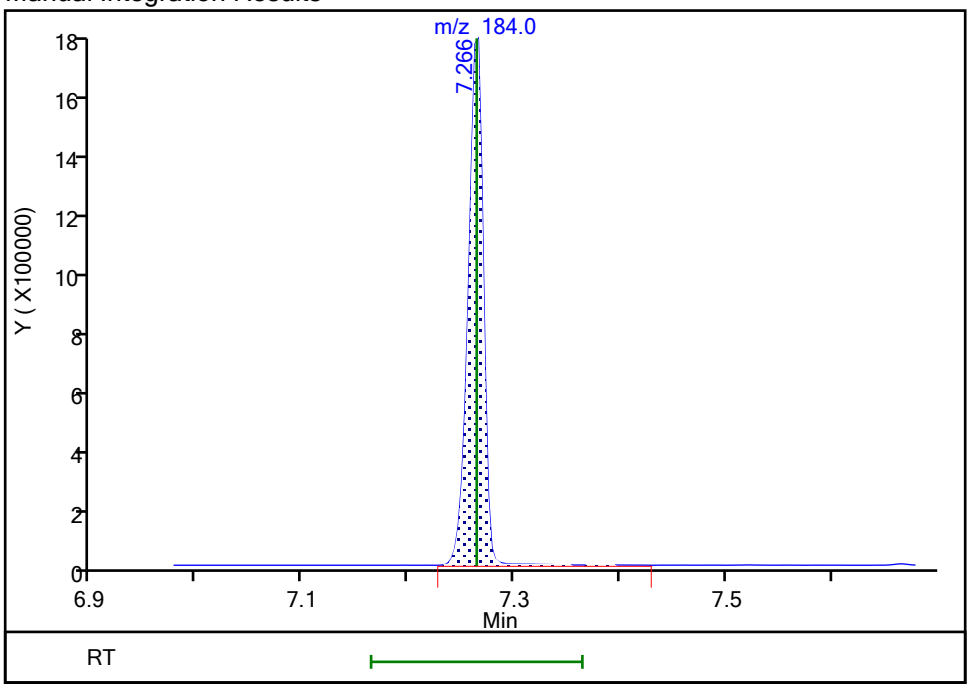
Not Detected
Expected RT: 7.26

Processing Integration Results



Manual Integration Results

RT: 7.27
Area: 1786998
Amount: 33.956936
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

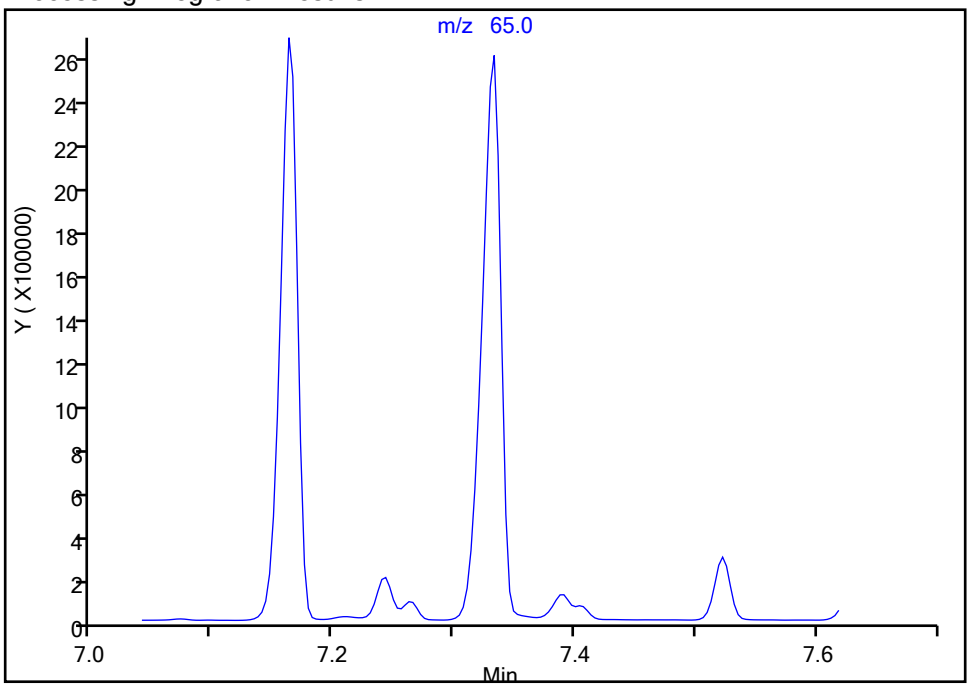
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

68 4-Nitrophenol, CAS: 100-02-7

Signal: 1

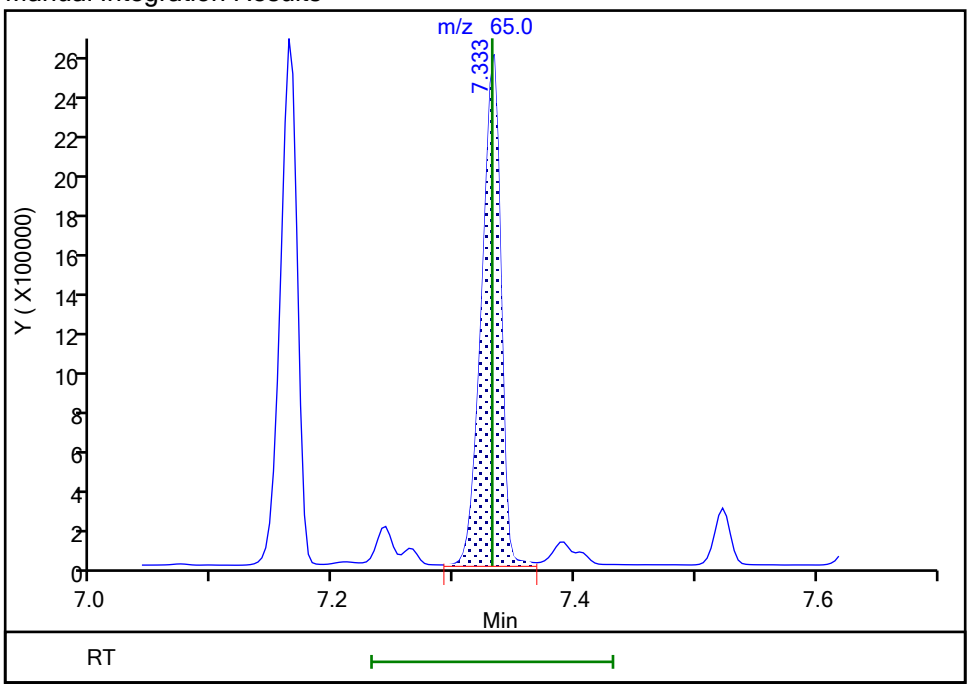
Not Detected
Expected RT: 7.33

Processing Integration Results



Manual Integration Results

RT: 7.33
Area: 2807381
Amount: 38.039929
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

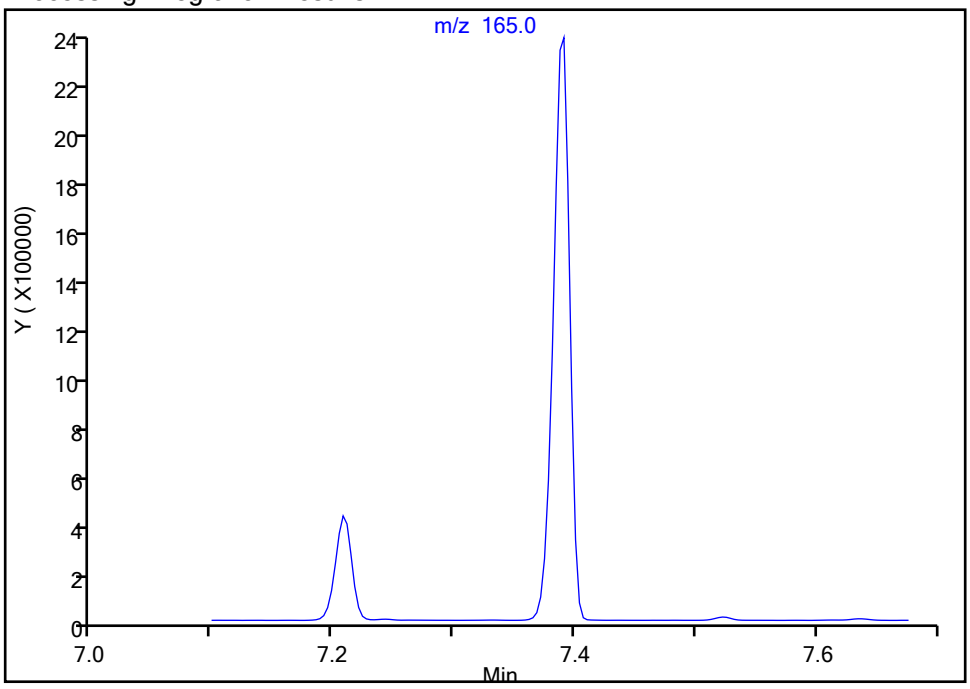
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

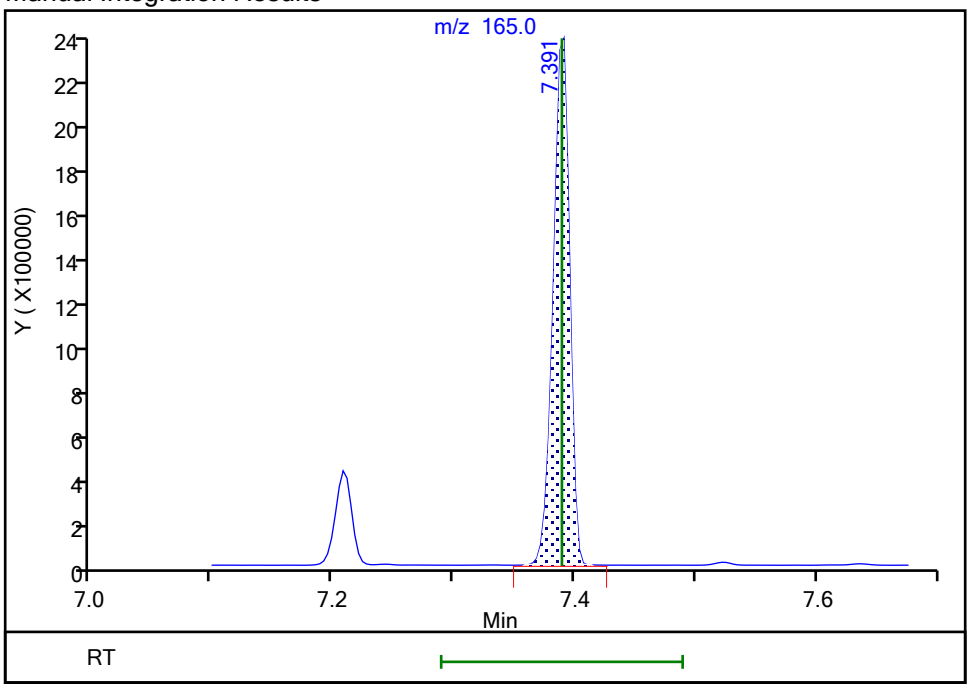
Not Detected
Expected RT: 7.39

Processing Integration Results



RT: 7.39
Area: 2239297
Amount: 19.098634
Amount Units: ug/ml

Manual Integration Results



Reviewer: G4KC, 25-Jul-2025 07:20:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

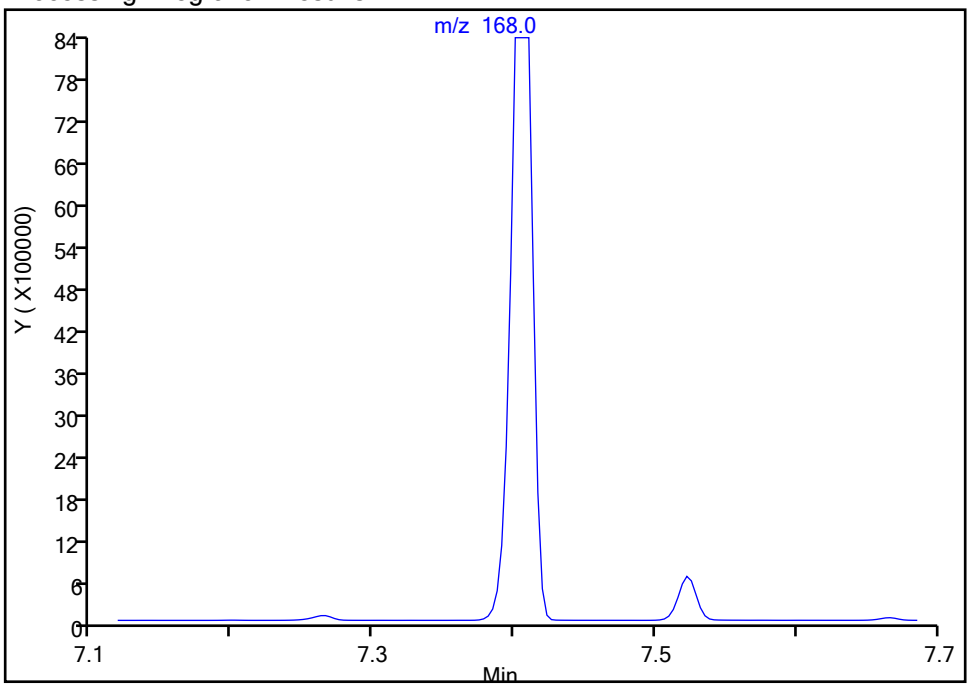
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

70 Dibenzofuran, CAS: 132-64-9

Signal: 1

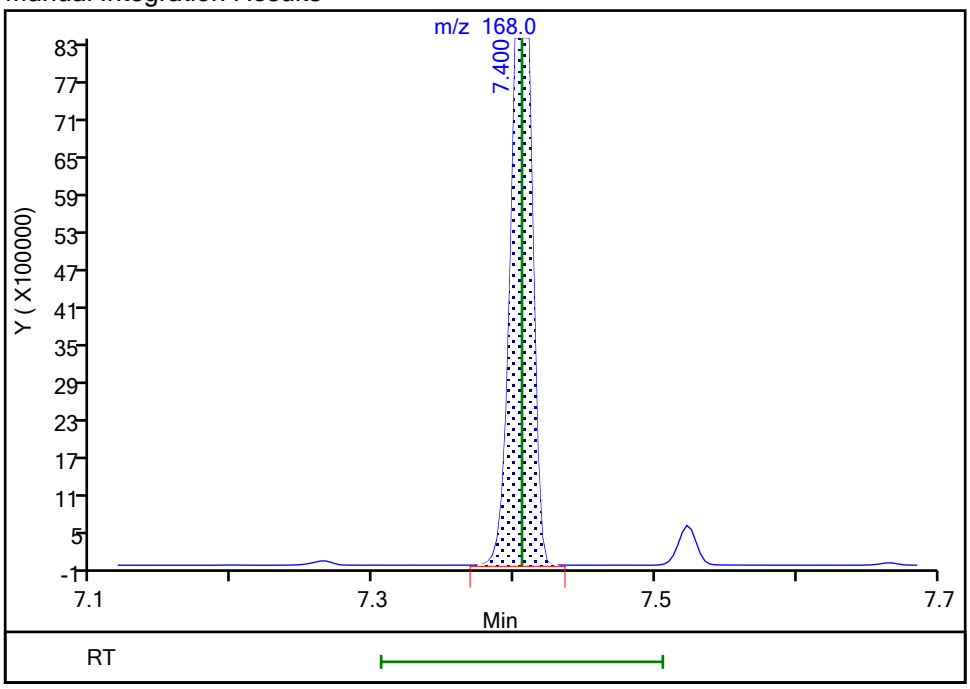
Not Detected
Expected RT: 7.41

Processing Integration Results



Manual Integration Results

RT: 7.40
Area: 9655250
Amount: 15.986150
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:20:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

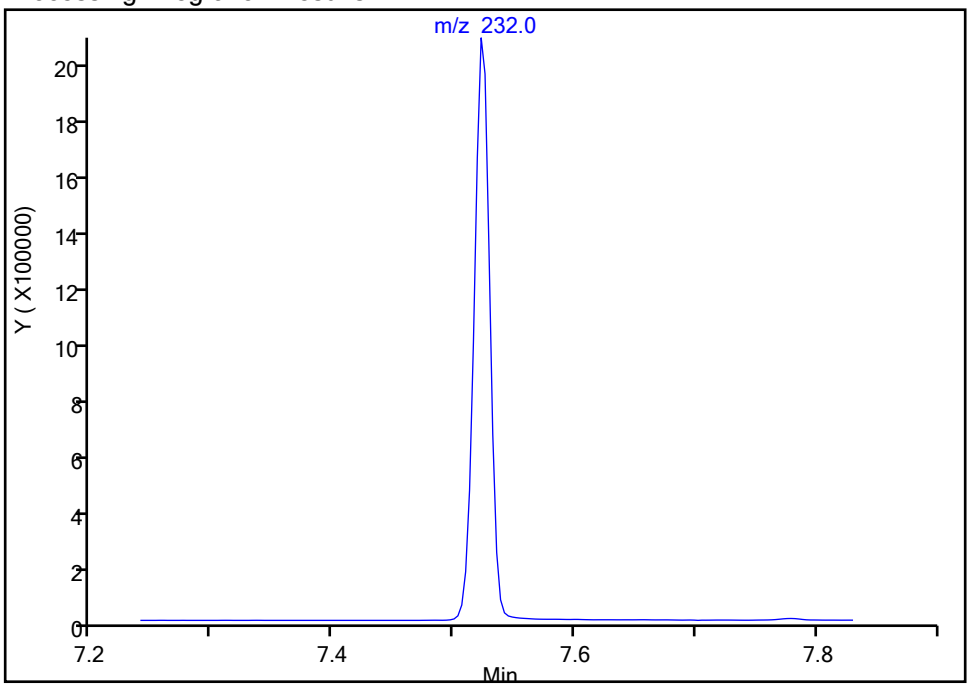
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

71 2,3,4,6-Tetrachlorophenol, CAS: 58-90-2

Signal: 1

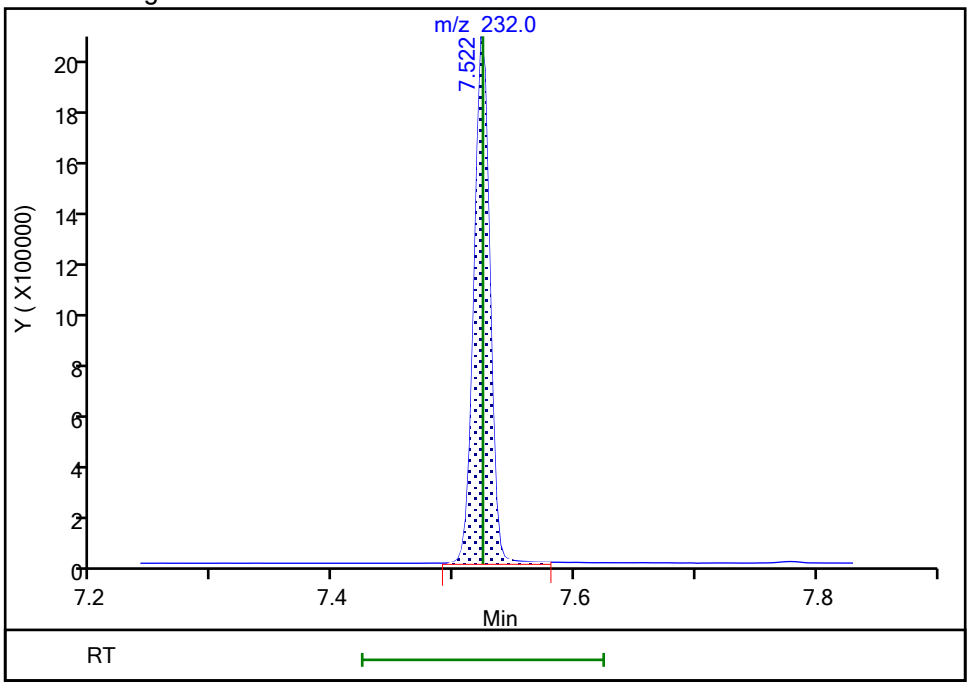
Not Detected
Expected RT: 7.52

Processing Integration Results



Manual Integration Results

RT: 7.52
Area: 1820898
Amount: 18.262452
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:19:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

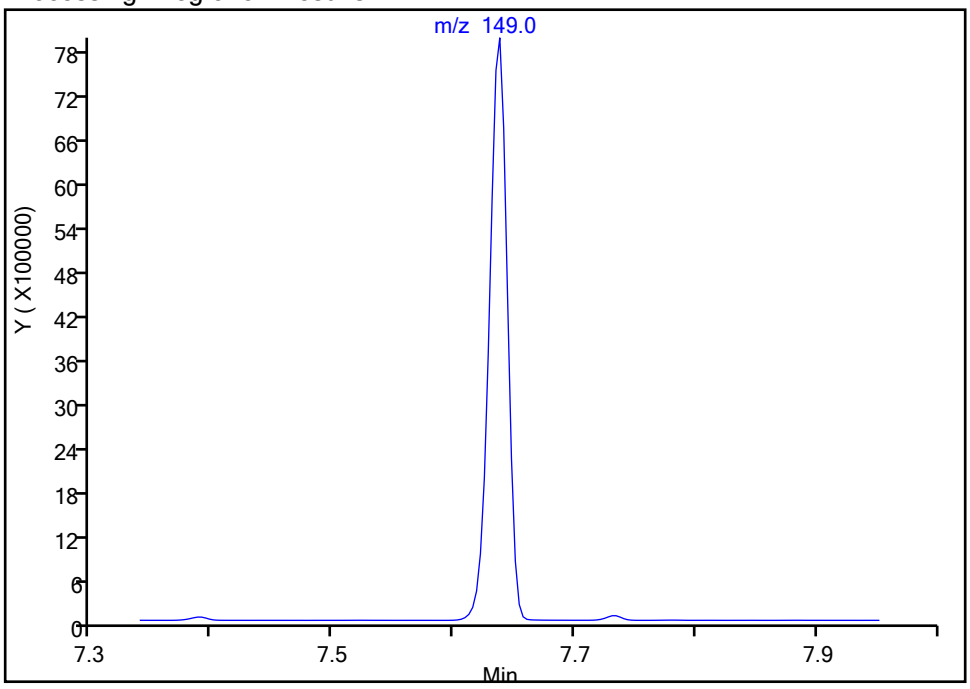
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

72 Diethyl phthalate, CAS: 84-66-2

Signal: 1

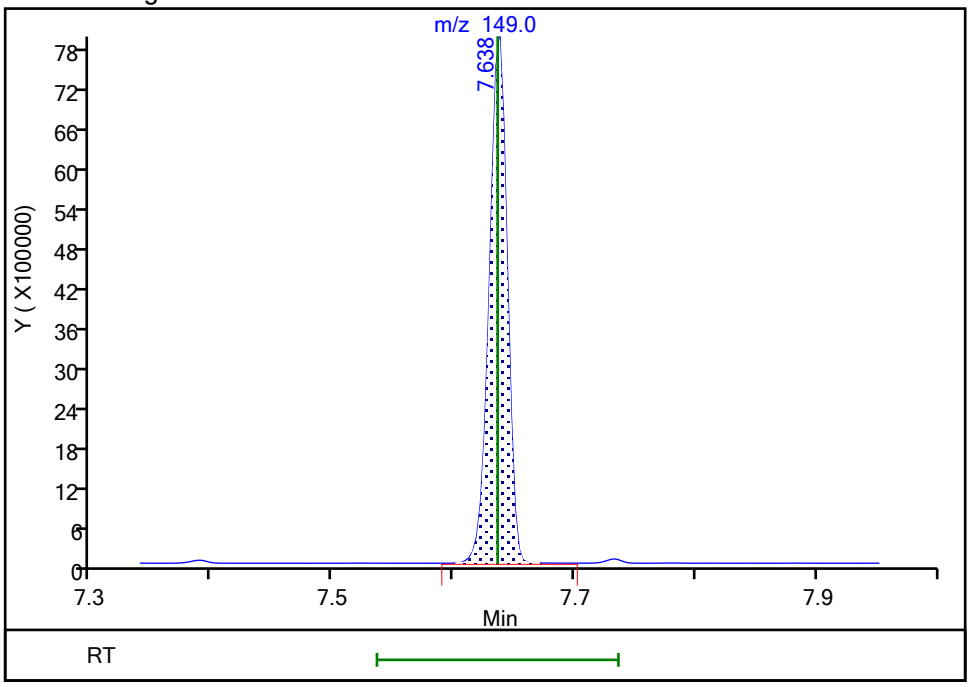
Not Detected
Expected RT: 7.64

Processing Integration Results



Manual Integration Results

RT: 7.64
Area: 8279672
Amount: 17.303154
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:19:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

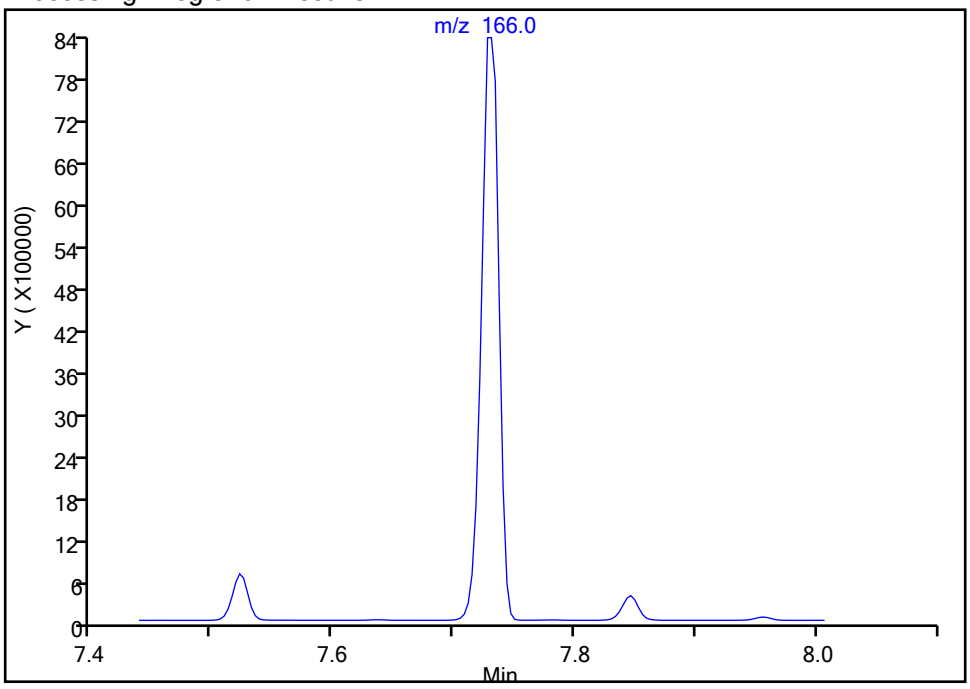
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

74 Fluorene, CAS: 86-73-7

Signal: 1

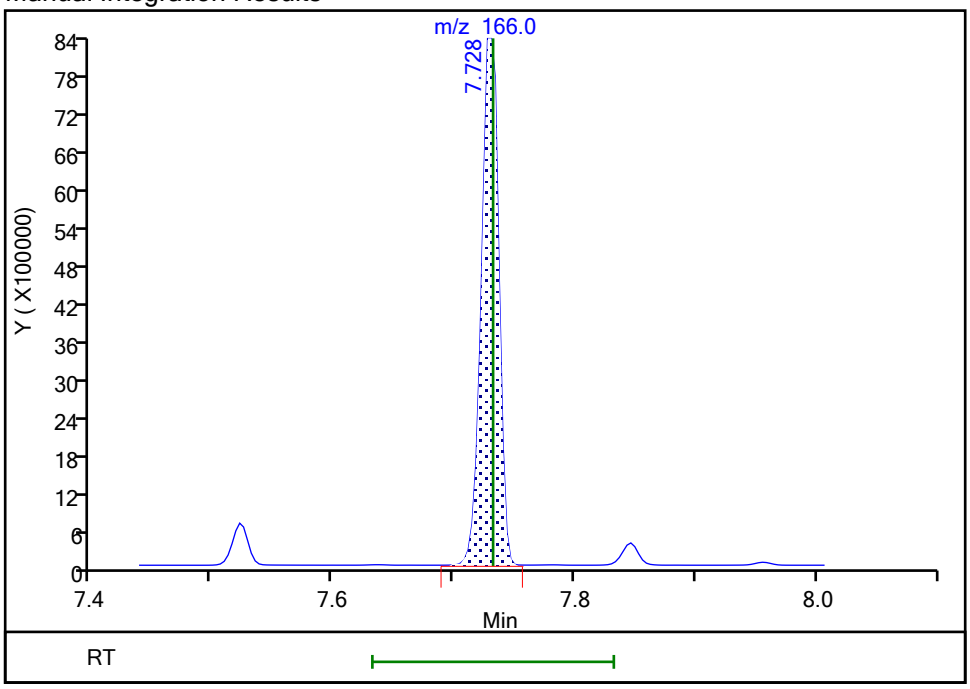
Not Detected
Expected RT: 7.73

Processing Integration Results



Manual Integration Results

RT: 7.73
Area: 8468849
Amount: 17.103446
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:19:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

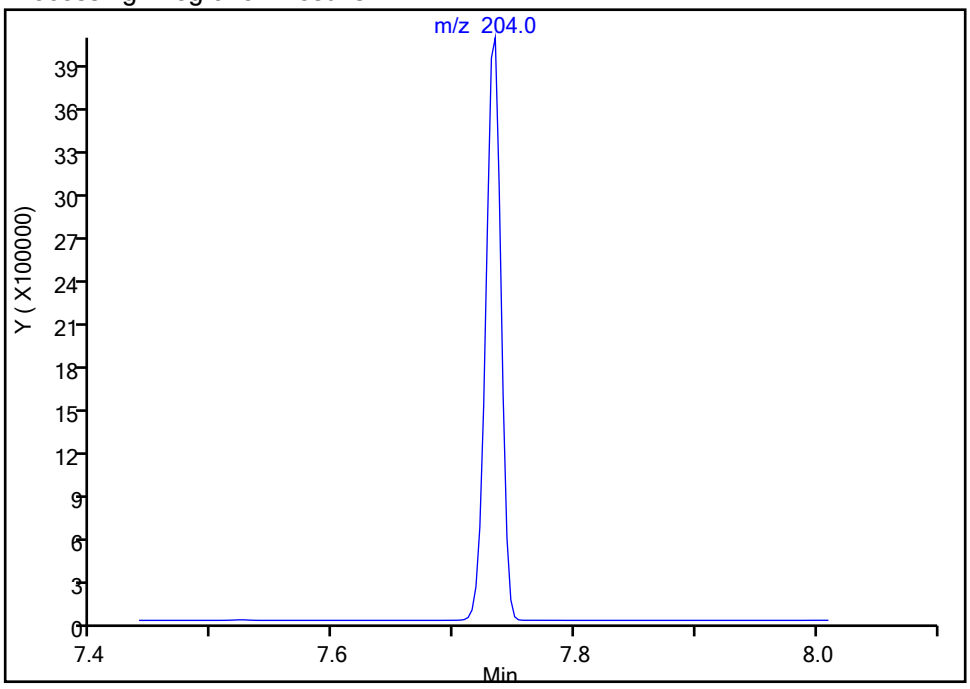
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

75 4-Chlorophenyl phenyl ether, CAS: 7005-72-3

Signal: 1

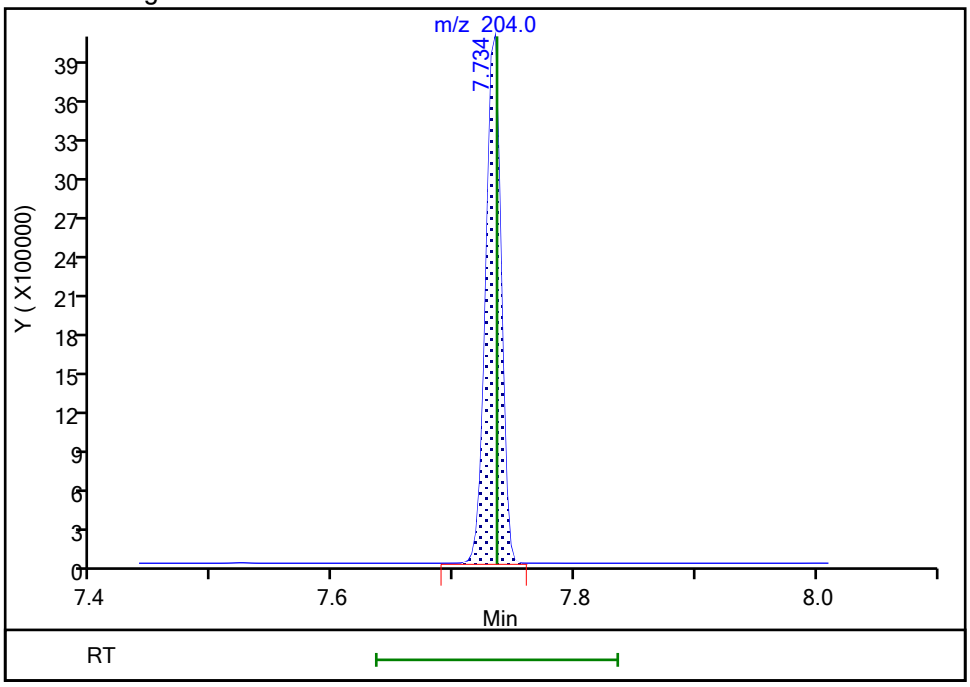
Not Detected
Expected RT: 7.74

Processing Integration Results



Manual Integration Results

RT: 7.73
Area: 3587519
Amount: 17.021036
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:19:46 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

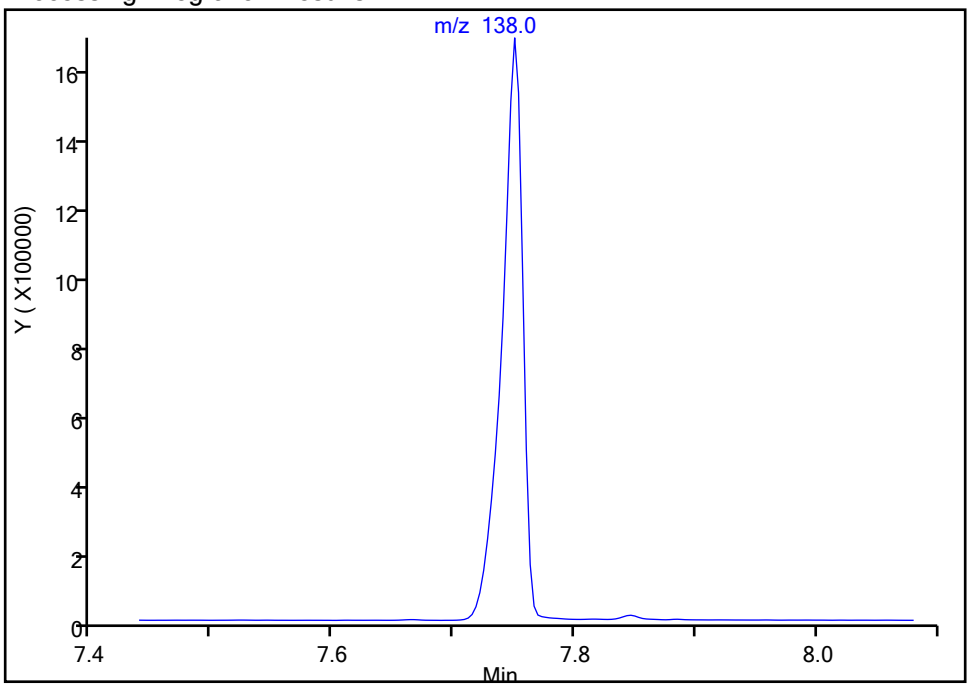
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

76 4-Nitroaniline, CAS: 100-01-6

Signal: 1

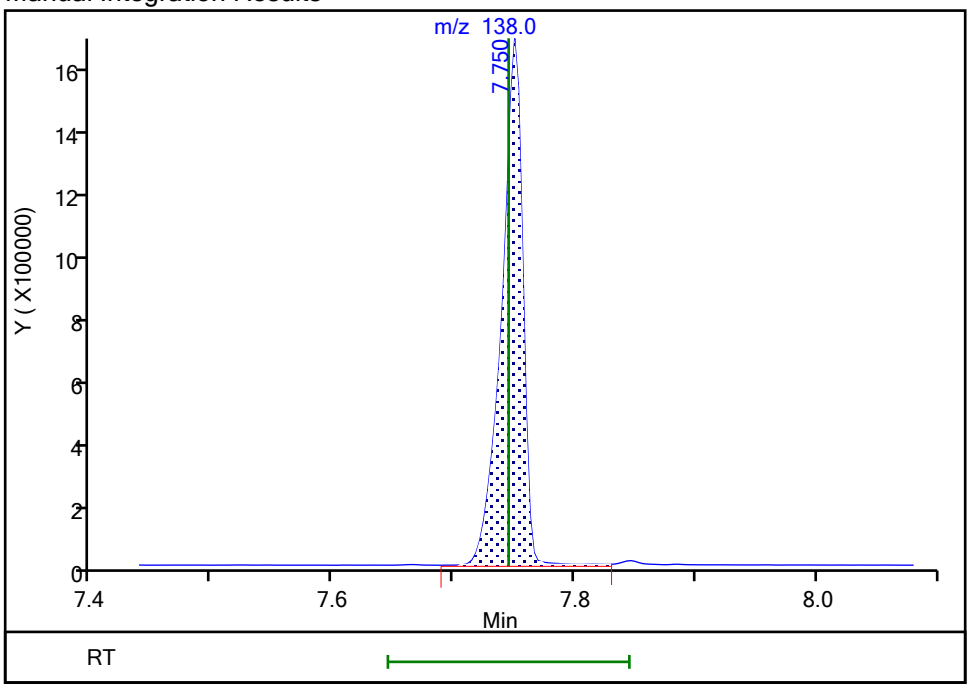
Not Detected
Expected RT: 7.75

Processing Integration Results



Manual Integration Results

RT: 7.75
Area: 1983455
Amount: 18.227939
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:19:48 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

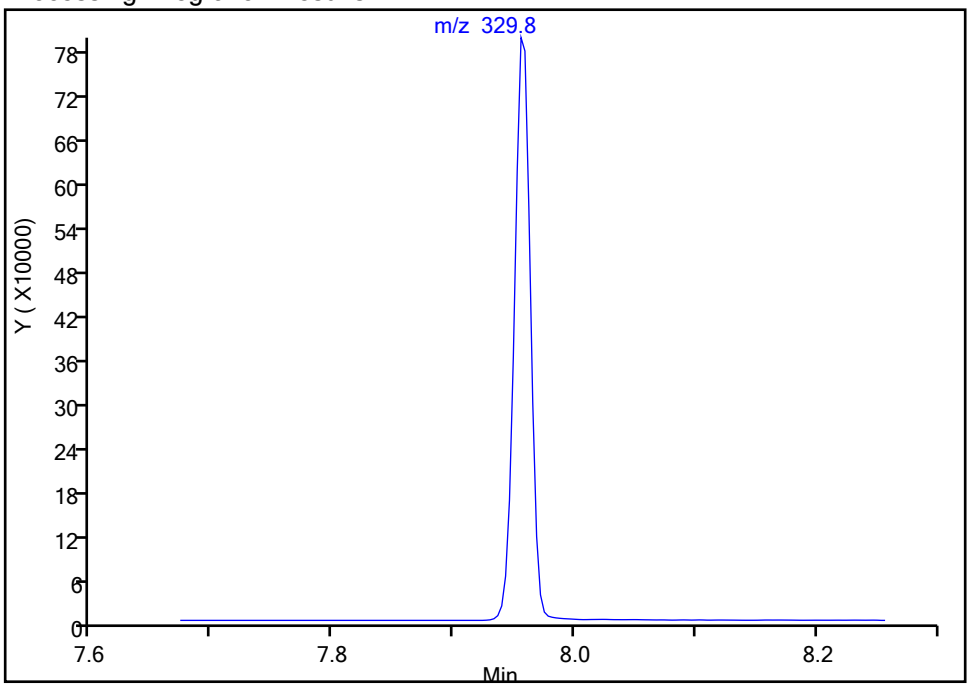
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

$ 80 2,4,6-Tribromophenol, CAS: 118-79-6

Signal: 1

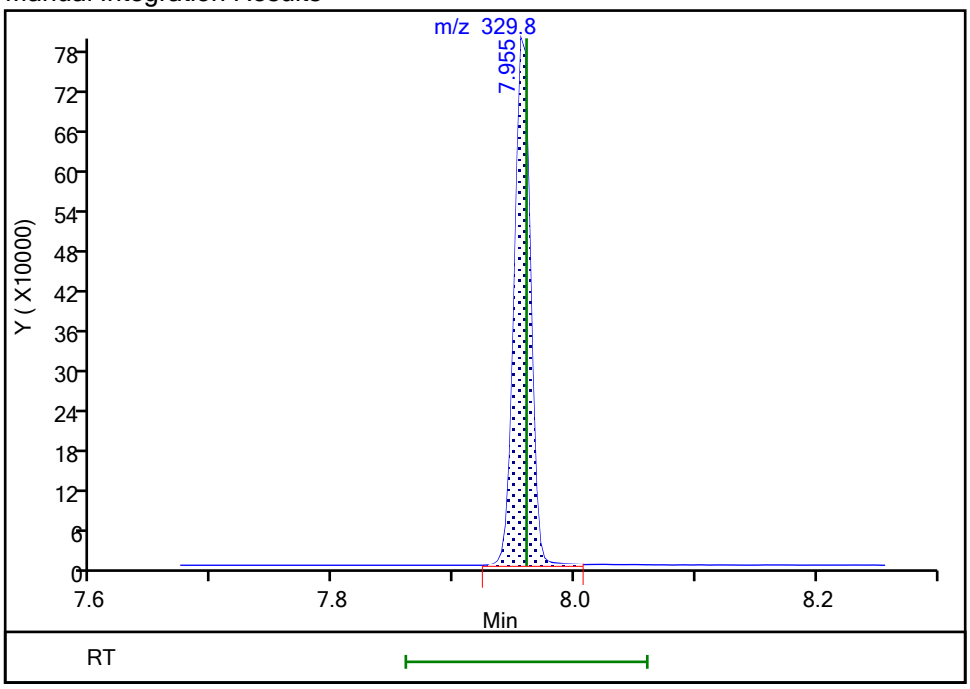
Not Detected
Expected RT: 7.96

Processing Integration Results



Manual Integration Results

RT: 7.96
Area: 743886
Amount: 9.374058
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:19:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

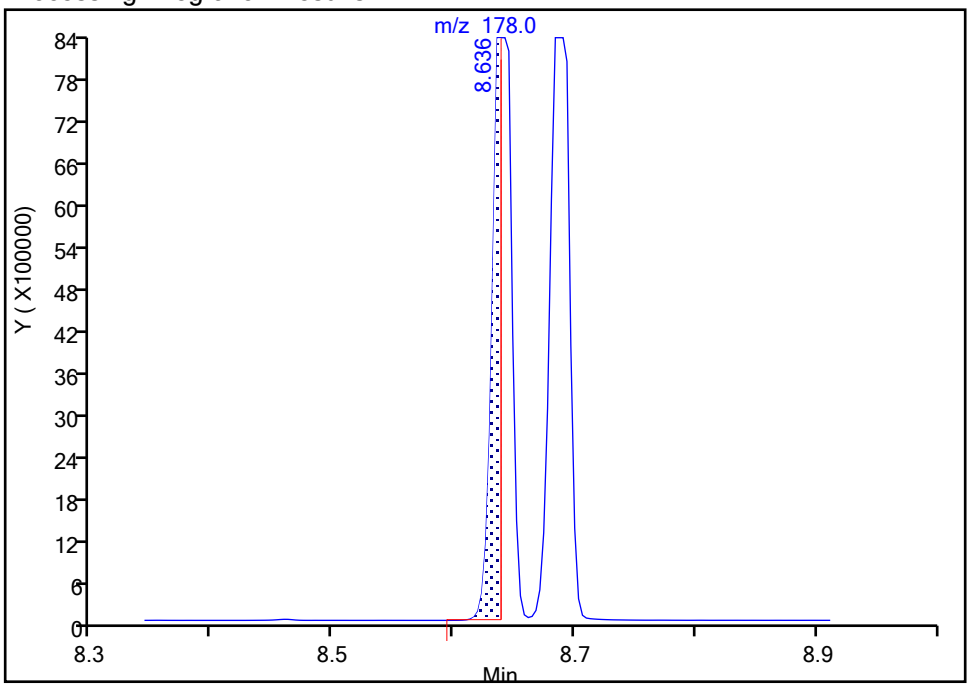
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

89 Phenanthrene, CAS: 85-01-8

Signal: 1

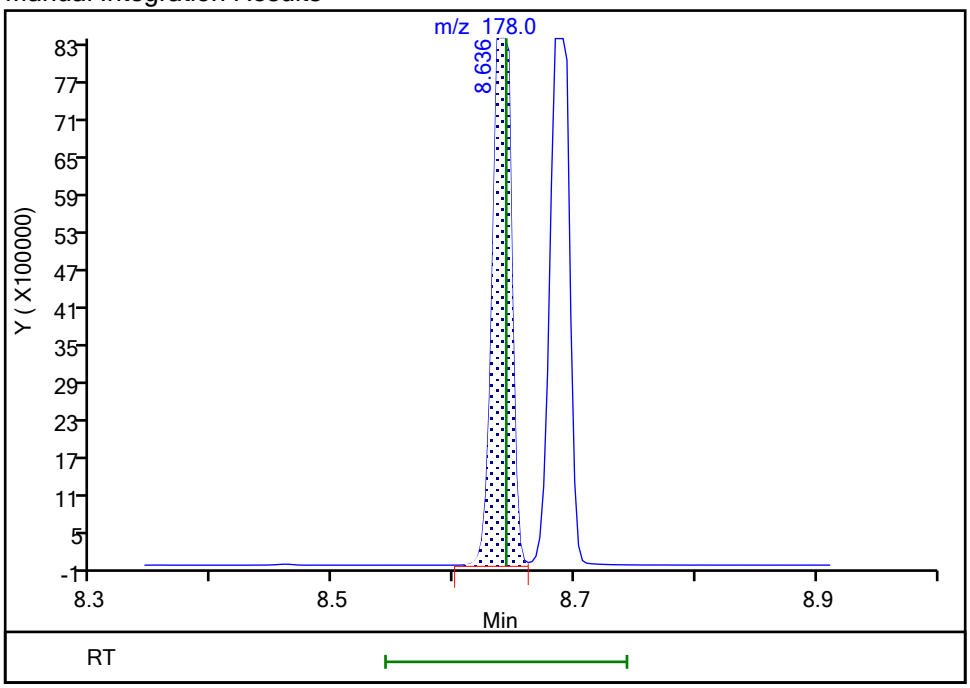
Processing Integration Results

RT: 8.64
Area: 5125992
Amount: 10.794899
Amount Units: ug/ml



Manual Integration Results

RT: 8.64
Area: 9488633
Amount: 16.071635
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:19:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

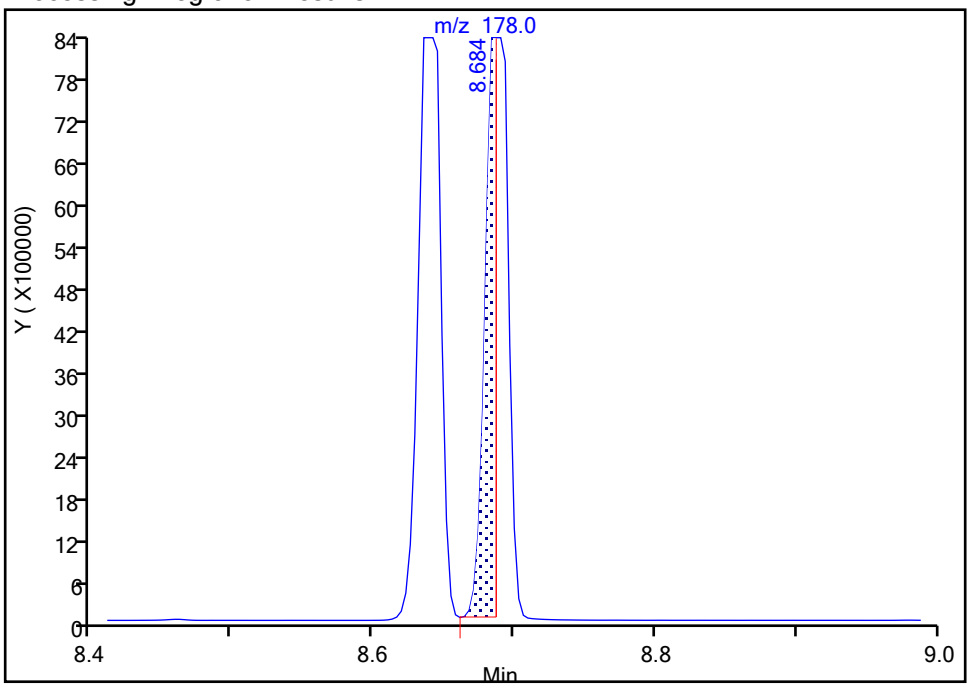
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D				
Injection Date:	25-Jul-2025 06:52:30	Instrument ID:	CBNAMS17		
Lims ID:	STD16				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7

Signal: 1

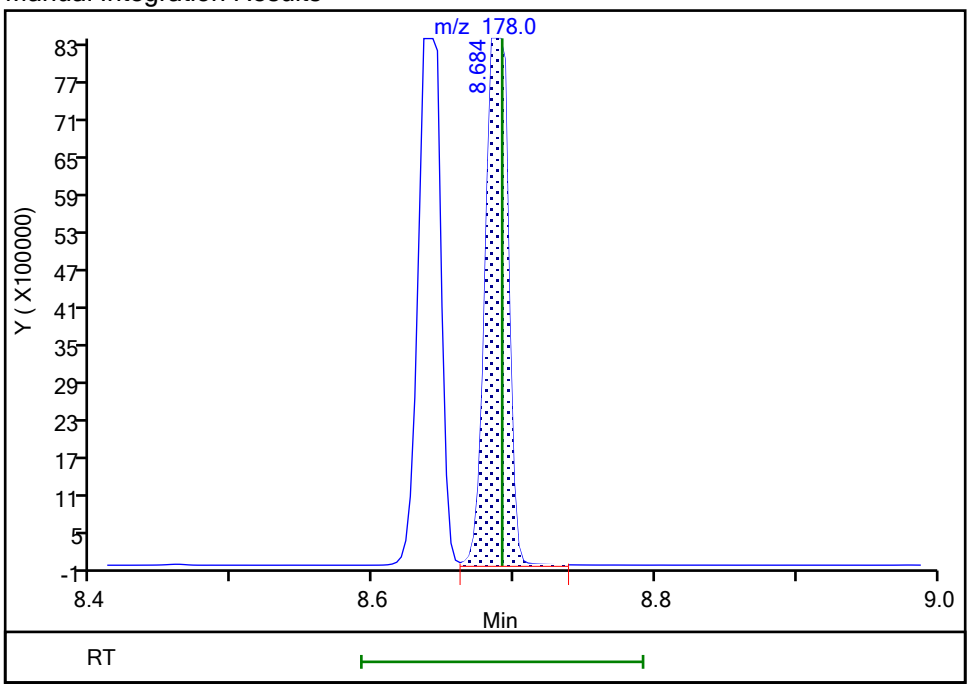
Processing Integration Results

RT: 8.68
Area: 5287310
Amount: 10.820098
Amount Units: ug/ml



Manual Integration Results

RT: 8.68
Area: 9644906
Amount: 16.084078
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:19:27 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

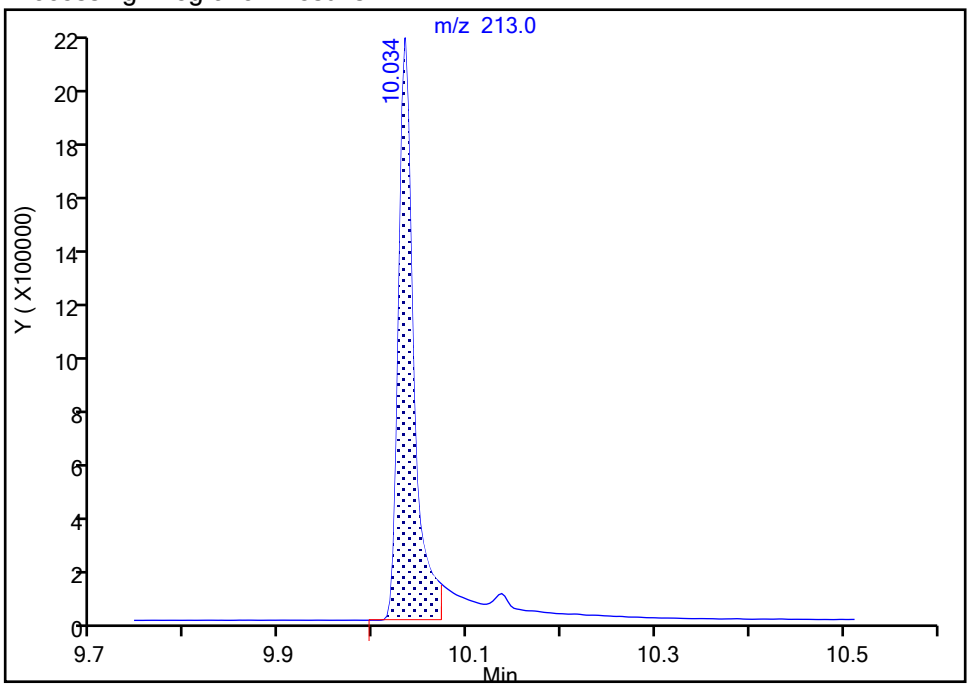
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

96 Bisphenol-A, CAS: 80-05-7

Signal: 1

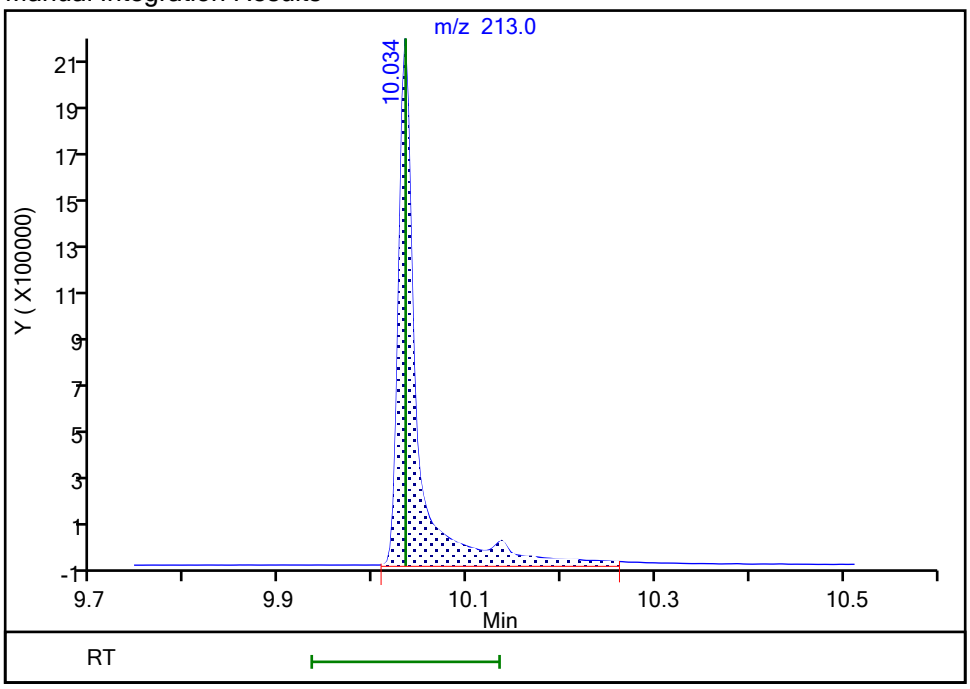
Processing Integration Results

RT: 10.03
Area: 2380371
Amount: 14.578992
Amount Units: ug/ml



Manual Integration Results

RT: 10.03
Area: 2923417
Amount: 18.164707
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:59:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

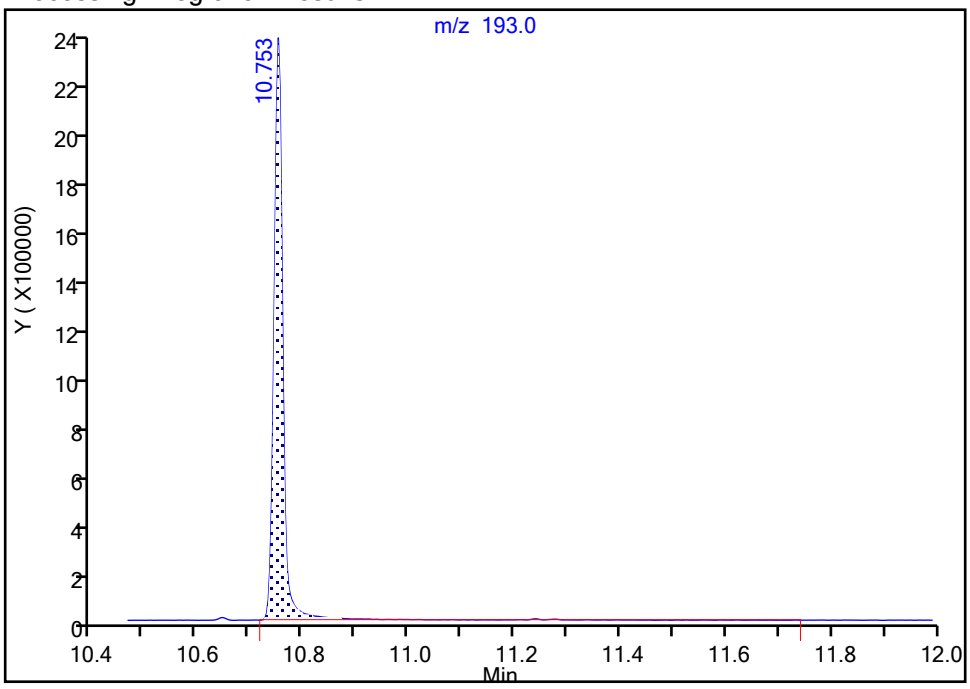
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351411.D
Injection Date: 25-Jul-2025 06:52:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

100 Carbamazepine, CAS: 298-46-4

Signal: 1

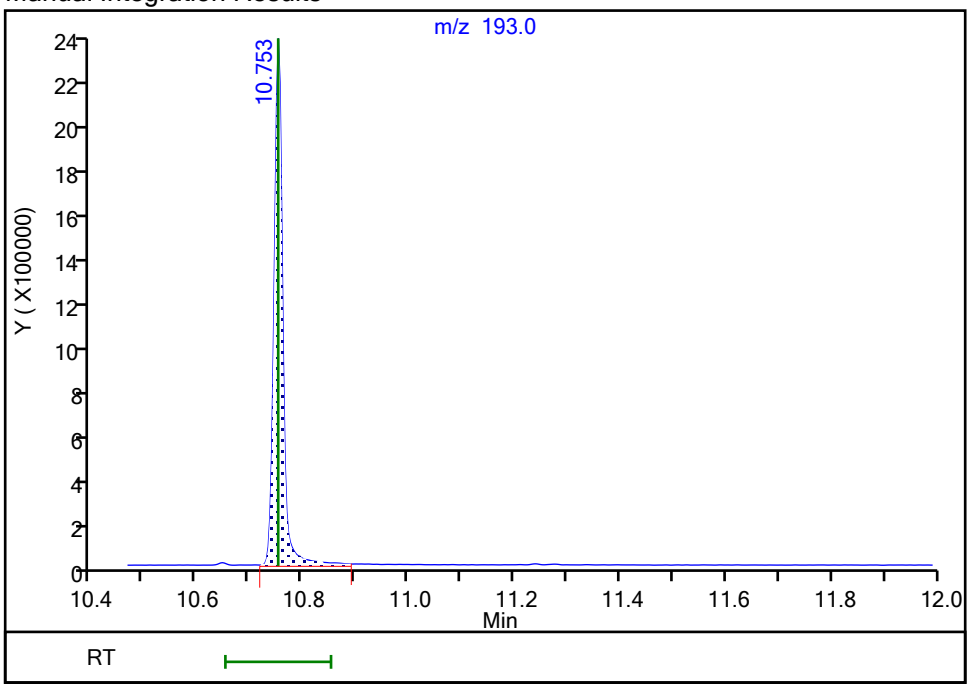
Processing Integration Results

RT: 10.75
Area: 2839677
Amount: 16.675508
Amount Units: ug/ml



Manual Integration Results

RT: 10.75
Area: 2760248
Amount: 16.632676
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 08:59:15 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351412.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 25-Jul-2025 07:13:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194057-005
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 25-Jul-2025 10:59:31 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: G4KC Date: 25-Jul-2025 07:44:53

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.846	1.840	0.006	92	628650	4.00	3.89	
	2 N-Nitrosodimethylamine	74	2.022	2.019	0.003	98	968554	4.00	3.85	
	3 Pyridine	79	2.073	2.064	0.009	97	3280200	8.00	8.98	
$	4 2-Fluorophenol	112	3.061	3.061	0.000	98	3872850	10.0	9.86	
	5 Benzaldehyde	77	3.870	3.873	-0.003	99	1018807	3.20	3.19	
$	6 Phenol-d5	99	3.931	3.937	-0.006	0	4930198	10.0	9.83	
	7 Phenol	94	3.944	3.950	-0.006	98	1775556	4.00	3.79	
	8 Aniline	93	3.976	3.979	-0.003	98	2301161	4.00	3.97	
	9 Bis(2-chloroethyl)ether	93	4.033	4.040	-0.007	97	1441072	4.00	3.86	
	10 Benzonitrile	103	4.049	4.056	-0.007	98	2824115	NC	NC	
	11 2-Chlorophenol	128	4.094	4.097	-0.003	97	1411313	4.00	3.91	
	13 n-Decane	43	4.155	4.158	-0.003	88	1340004	4.00	3.93	
	14 1,3-Dichlorobenzene	146	4.245	4.248	-0.003	96	1537829	4.00	3.85	
*	15 1,4-Dichlorobenzene-d4	152	4.296	4.299	-0.003	96	2039992	8.00	8.00	
	16 1,4-Dichlorobenzene	146	4.312	4.315	-0.003	95	1535863	4.00	3.77	
	17 Benzyl alcohol	108	4.421	4.430	-0.009	95	916406	4.00	4.10	
	19 1,2-Dichlorobenzene	146	4.459	4.465	-0.006	96	1459779	4.00	3.86	
	20 2-Methylphenol	108	4.533	4.539	-0.006	92	1304576	4.00	3.94	
	21 2,2'-oxybis[1-chloropropane]	45	4.558	4.564	-0.006	96	1729871	4.00	4.01	
	24 N-Methylaniline	106	4.673	4.676	-0.003	93	2230456	4.00	4.03	
	26 Acetophenone	105	4.680	4.686	-0.006	90	2021272	4.00	4.01	
	25 N-Nitrosodi-n-propylamine	70	4.683	4.689	-0.006	82	988229	4.00	4.01	
	23 3 & 4 Methylphenol	108	4.683	4.689	-0.006	0	1471199	4.00	4.05	
	22 4-Methylphenol	108	4.683	4.689	-0.006	86	1447788	4.00	4.02	
	27 Hexachloroethane	117	4.792	4.795	-0.003	93	587651	4.00	3.83	
$	28 Nitrobenzene-d5	82	4.824	4.827	-0.003	86	3933732	10.0	10.0	
	29 Nitrobenzene	123	4.843	4.846	-0.003	98	668770	4.00	3.92	
	30 n,n'-Dimethylaniline	120	4.853	4.859	-0.006	97	2148945	4.00	4.06	
	31 Isophorone	82	5.077	5.083	-0.006	99	2677259	4.00	4.05	
	32 2-Nitrophenol	139	5.150	5.156	-0.006	94	605931	4.00	3.93	
	33 2,4-Dimethylphenol	122	5.198	5.204	-0.006	92	1211934	4.00	4.01	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Bis(2-chloroethoxy)methane	93	5.288	5.294	-0.006	98	1684867	4.00	3.93	
34 Benzoic acid	122	5.269	5.304	-0.035	87	517006	4.00	3.56	
36 2,4-Dichlorophenol	162	5.387	5.390	-0.003	97	1032488	4.00	4.01	
37 1,2,4-Trichlorobenzene	180	5.470	5.477	-0.007	94	1087107	4.00	3.86	
* 38 Naphthalene-d8	136	5.525	5.528	-0.003	99	7870881	8.00	8.00	e
39 Naphthalene	128	5.544	5.547	-0.003	99	4089275	4.00	4.30	
40 4-Chloroaniline	127	5.592	5.598	-0.006	97	1626434	4.00	4.03	
41 2,6-Dichlorophenol	162	5.605	5.608	-0.003	98	914586	4.00	3.70	
42 Hexachlorobutadiene	225	5.678	5.682	-0.004	93	521347	4.00	3.74	
44 Caprolactam	55	5.909	5.960	-0.051	93	377333	3.20	3.47	
45 4-Chloro-3-methylphenol	107	6.066	6.072	-0.006	97	1063283	4.00	4.06	
46 2-Methylnaphthalene	142	6.210	6.216	-0.006	85	2289067	4.00	3.97	
47 1-Methylnaphthalene	142	6.306	6.309	-0.003	92	2373496	4.00	3.98	
48 Hexachlorocyclopentadiene	237	6.376	6.380	-0.004	84	661234	4.00	3.91	
49 1,2,4,5-Tetrachlorobenzene	216	6.376	6.380	-0.004	94	959038	4.00	3.87	
50 2-tertbutyl-4-methylphenol	149	6.411	6.415	-0.004	90	1387844	4.00	3.87	
51 2,4,6-Trichlorophenol	196	6.482	6.485	-0.003	87	638052	4.00	4.01	
52 2,4,5-Trichlorophenol	196	6.514	6.517	-0.003	95	662776	4.00	3.93	
$ 53 2-Fluorobiphenyl	172	6.565	6.572	-0.007	97	6962566	10.0	9.85	
54 1,1'-Biphenyl	154	6.658	6.665	-0.007	96	2901180	4.00	4.12	
55 2-Chloronaphthalene	162	6.674	6.681	-0.007	97	2158916	4.00	3.97	
56 Phenyl ether	170	6.761	6.767	-0.006	88	1418080	4.00	3.81	
57 2-Nitroaniline	65	6.764	6.774	-0.010	97	713656	4.00	4.14	
58 1,3-Dimethylnaphthalene	156	6.886	6.892	-0.006	91	1506395	4.00	3.91	
59 Dimethyl phthalate	163	6.953	6.960	-0.007	98	2225117	4.00	4.03	
60 Coumarin	146	6.963	6.969	-0.006	82	794865	4.00	3.93	
61 2,6-Dinitrotoluene	165	7.001	7.008	-0.007	96	459279	4.00	4.13	
62 Acenaphthylene	152	7.068	7.075	-0.007	97	3574297	4.00	4.26	
63 3-Nitroaniline	138	7.155	7.165	-0.010	97	562495	4.00	4.10	
* 64 Acenaphthene-d10	164	7.206	7.210	-0.004	96	3622796	8.00	8.00	
66 Acenaphthene	154	7.235	7.242	-0.007	97	2207290	4.00	4.12	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.238	7.245	-0.007	97	1491791	4.00	3.95	
67 2,4-Dinitrophenol	184	7.254	7.264	-0.010	95	387395	8.00	7.52	a
68 4-Nitrophenol	65	7.318	7.331	-0.013	90	725604	8.00	8.36	
69 2,4-Dinitrotoluene	165	7.382	7.389	-0.007	94	584384	4.00	4.24	
70 Dibenzofuran	168	7.402	7.405	-0.003	96	2962005	4.00	4.17	
71 2,3,4,6-Tetrachlorophenol	232	7.520	7.524	-0.004	91	463937	4.00	3.95	
72 Diethyl phthalate	149	7.629	7.636	-0.007	98	2337810	4.00	4.15	
73 n-Octadecane	57	7.661	7.668	-0.007	90	1649562	4.00	4.07	
74 Fluorene	166	7.725	7.732	-0.007	94	2372630	4.00	4.07	
75 4-Chlorophenyl phenyl ether	204	7.728	7.735	-0.007	83	974217	4.00	3.93	
76 4-Nitroaniline	138	7.735	7.745	-0.010	91	530828	4.00	4.15	
77 4,6-Dinitro-2-methylphenol	198	7.770	7.780	-0.010	83	554528	8.00	7.65	
78 N-Nitrosodiphenylamine	169	7.841	7.848	-0.007	81	1571716	4.00	3.97	
131 Azobenzene	77	7.879	7.886	-0.007	96	2633044	4.00	4.21	
79 1,2-Diphenylhydrazine	77	7.879	7.886	-0.007	50	2632940	4.00	4.23	
$ 80 2,4,6-Tribromophenol	330	7.953	7.960	-0.007	94	927875	10.0	9.94	
83 4-Bromophenyl phenyl ether	248	8.193	8.197	-0.004	85	521238	4.00	3.85	
84 Hexachlorobenzene	284	8.257	8.261	-0.004	99	628339	4.00	3.84	
85 Atrazine	200	8.350	8.357	-0.007	89	393749	3.20	3.31	
86 Pentachlorophenol	266	8.437	8.444	-0.007	94	766120	8.00	8.18	
87 Pentachloronitrobenzene	237	8.456	8.463	-0.007	86	156977	4.00	4.08	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.613	8.617	-0.004	99	5700685	8.00	8.00	
89 Phenanthrene	178	8.636	8.643	-0.007	98	2955518	4.00	4.17	
90 Anthracene	178	8.684	8.691	-0.007	97	3032856	4.00	4.21	
91 Carbazole	167	8.834	8.842	-0.008	96	2746249	4.00	4.19	
92 Di-n-butyl phthalate	149	9.184	9.191	-0.007	99	3142412	4.00	4.45	
93 Fluoranthene	202	9.763	9.768	-0.005	97	2613928	4.00	4.10	
94 Benzidine	184	9.891	9.896	-0.005	100	1361796	4.00	4.30	
95 Pyrene	202	9.975	9.983	-0.008	95	2707138	4.00	4.15	
96 Bisphenol-A	213	10.029	10.034	-0.005	97	726075	4.00	3.82	M
$ 97 Terphenyl-d14	244	10.135	10.140	-0.005	97	5258860	10.0	9.83	
98 Butyl benzyl phthalate	149	10.642	10.650	-0.008	97	1034347	4.00	4.00	
100 Carbamazepine	193	10.744	10.752	-0.008	93	583149	4.00	3.62	M
101 3,3'-Dichlorobenzidine	252	11.235	11.240	-0.005	99	748461	4.00	4.01	
102 Benzo[a]anthracene	228	11.257	11.266	-0.009	99	2021614	4.00	4.01	
* 103 Chrysene-d12	240	11.270	11.278	-0.008	98	3094844	8.00	8.00	
104 Chrysene	228	11.299	11.307	-0.008	97	1880403	4.00	3.87	
105 Bis(2-ethylhexyl) phthalate	149	11.334	11.343	-0.009	87	1547430	4.00	4.06	
106 Di-n-octyl phthalate	149	12.200	12.208	-0.008	96	2135543	4.00	3.94	
107 Benzo[b]fluoranthene	252	12.681	12.692	-0.011	98	1623414	4.00	4.18	
108 Benzo[k]fluoranthene	252	12.719	12.731	-0.012	98	1755340	4.00	4.02	
109 Benzo[a]pyrene	252	13.139	13.151	-0.012	95	1531260	4.00	4.19	
* 110 Perylene-d12	264	13.226	13.231	-0.005	97	2777998	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.804	14.822	-0.018	97	1379649	4.00	3.95	
112 Dibenz(a,h)anthracene	278	14.849	14.864	-0.015	96	1447467	4.00	3.99	
113 Benzo[g,h,i]perylene	276	15.240	15.262	-0.022	95	1433086	4.00	4.00	
S 119 Total Cresols	1				0			7.99	

QC Flag Legend

Processing Flags

NC - Not Calibrated

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

a - User Assigned ID

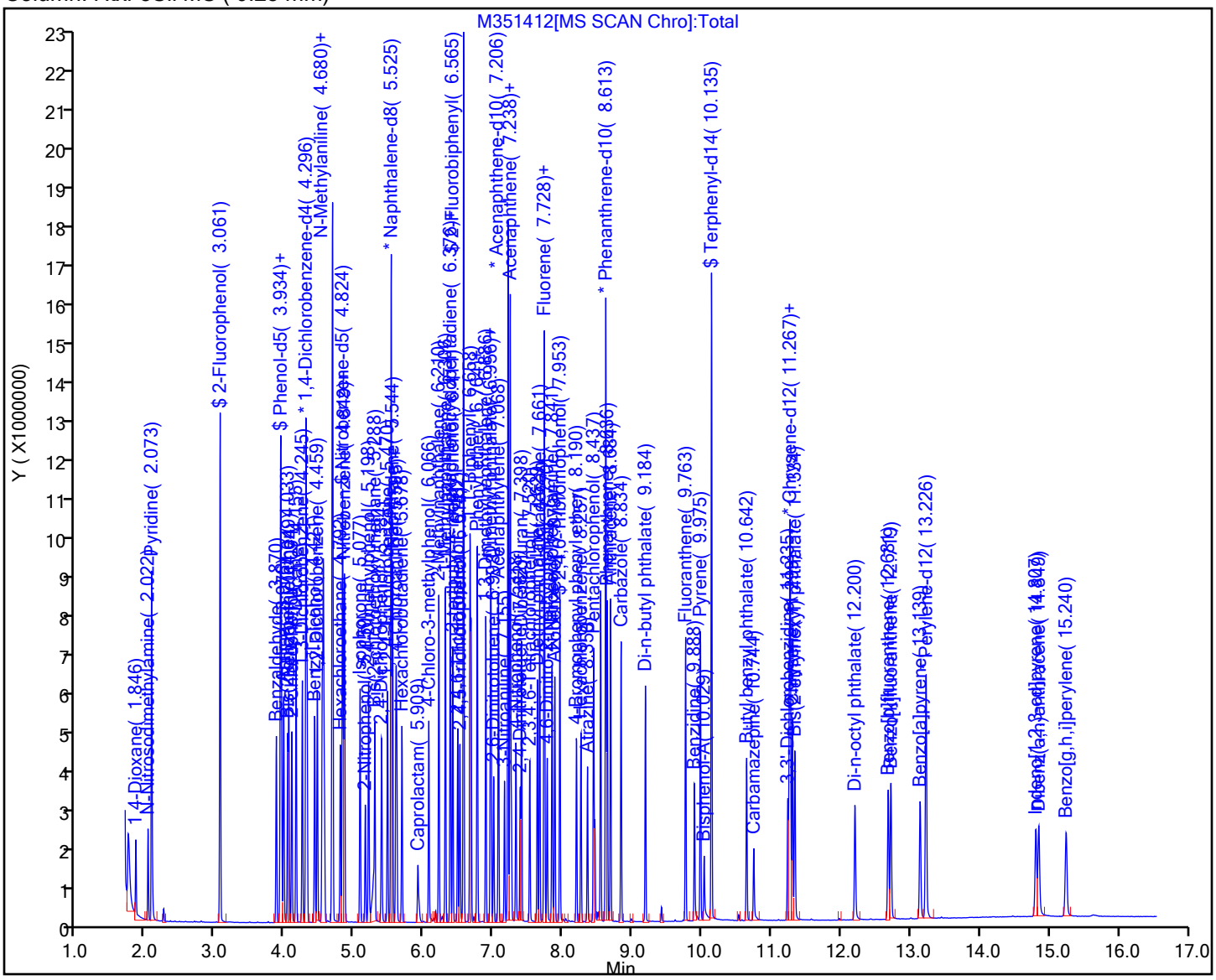
Reagents:

SV_BNAL6_LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2025 10:59:33 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351412.D
Injection Date: 25-Jul-2025 07:13:30 Instrument ID: CBNAMS17
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

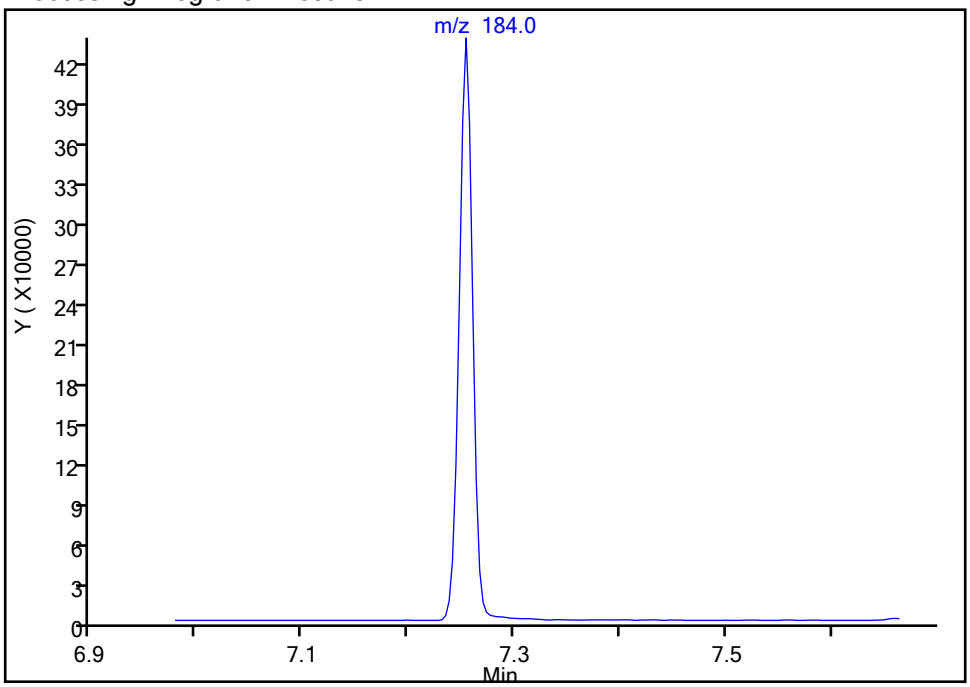
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351412.D
Injection Date: 25-Jul-2025 07:13:30 Instrument ID: CBNAMS17
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

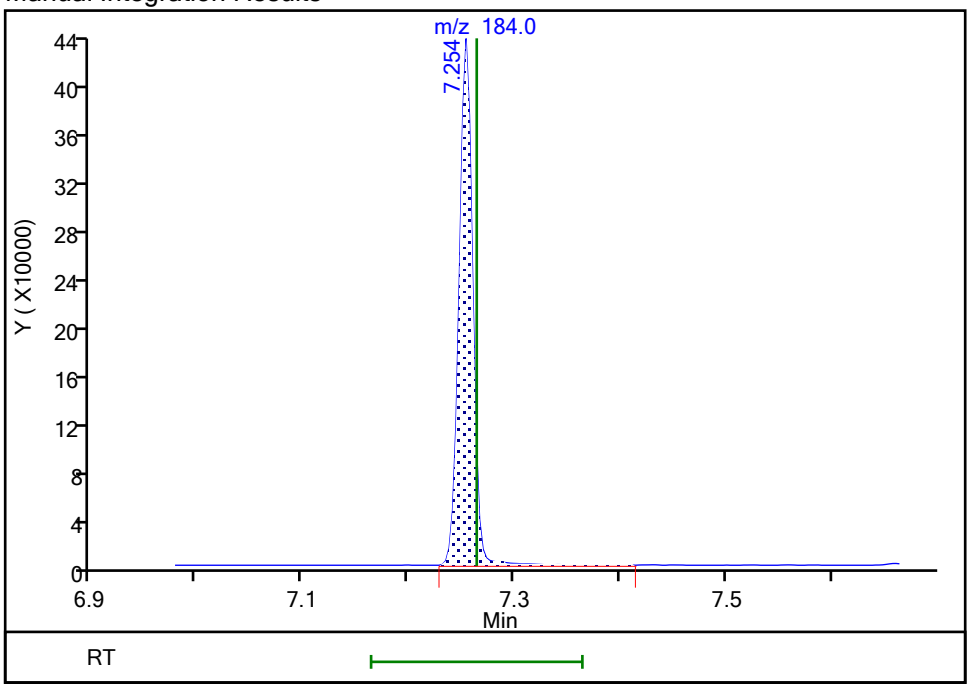
Not Detected
Expected RT: 7.26

Processing Integration Results



Manual Integration Results

RT: 7.25
Area: 387395
Amount: 7.517396
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:44:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

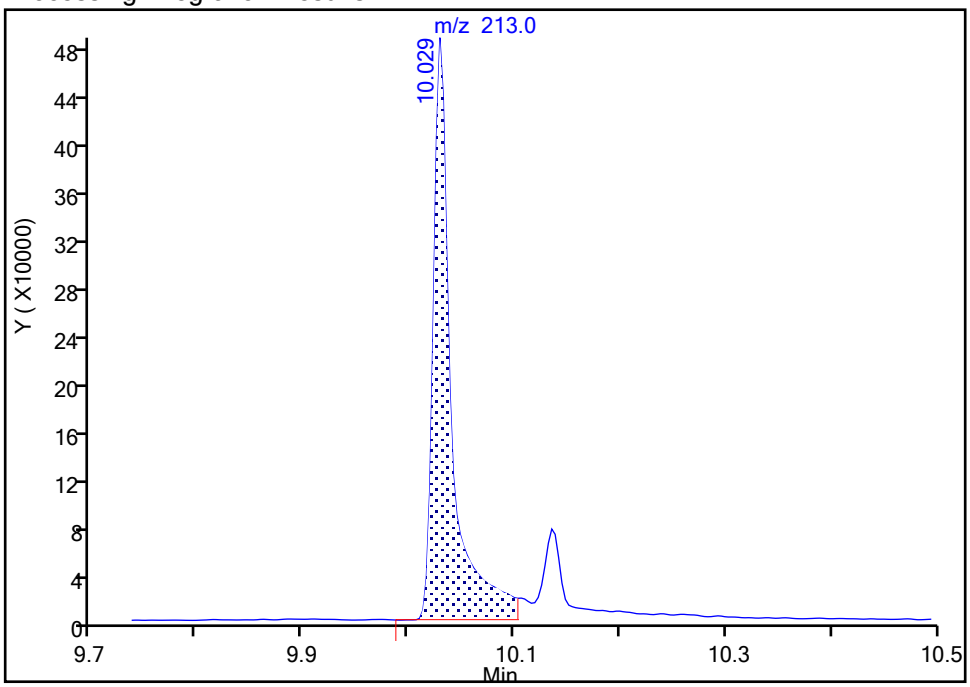
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351412.D
Injection Date: 25-Jul-2025 07:13:30 Instrument ID: CBNAMS17
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

96 Bisphenol-A, CAS: 80-05-7

Signal: 1

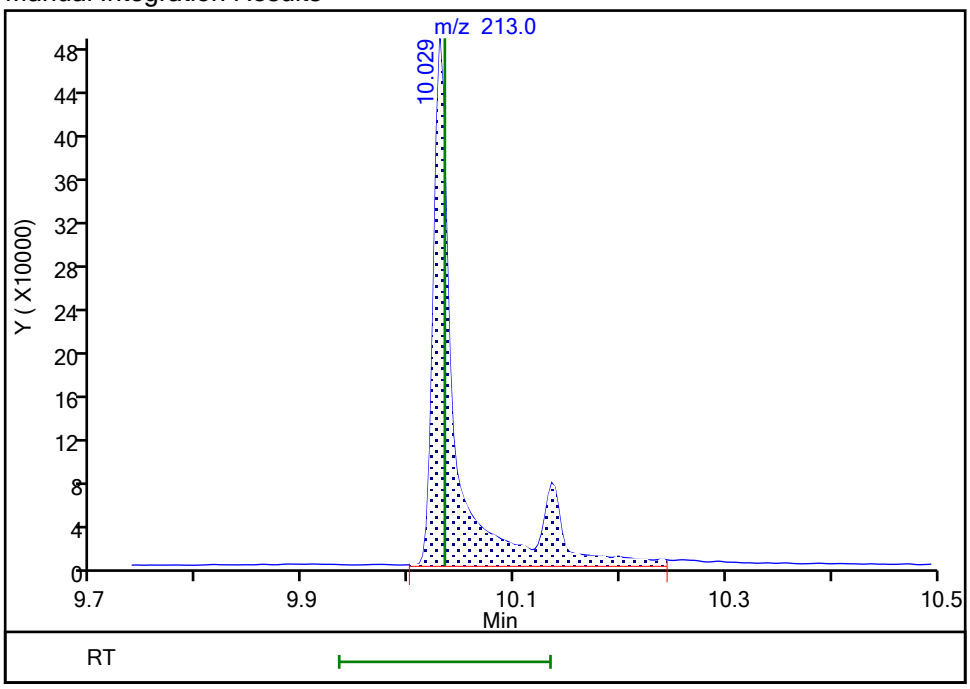
Processing Integration Results

RT: 10.03
Area: 588753
Amount: 3.690716
Amount Units: ug/ml



Manual Integration Results

RT: 10.03
Area: 726075
Amount: 3.815271
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:59:43 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

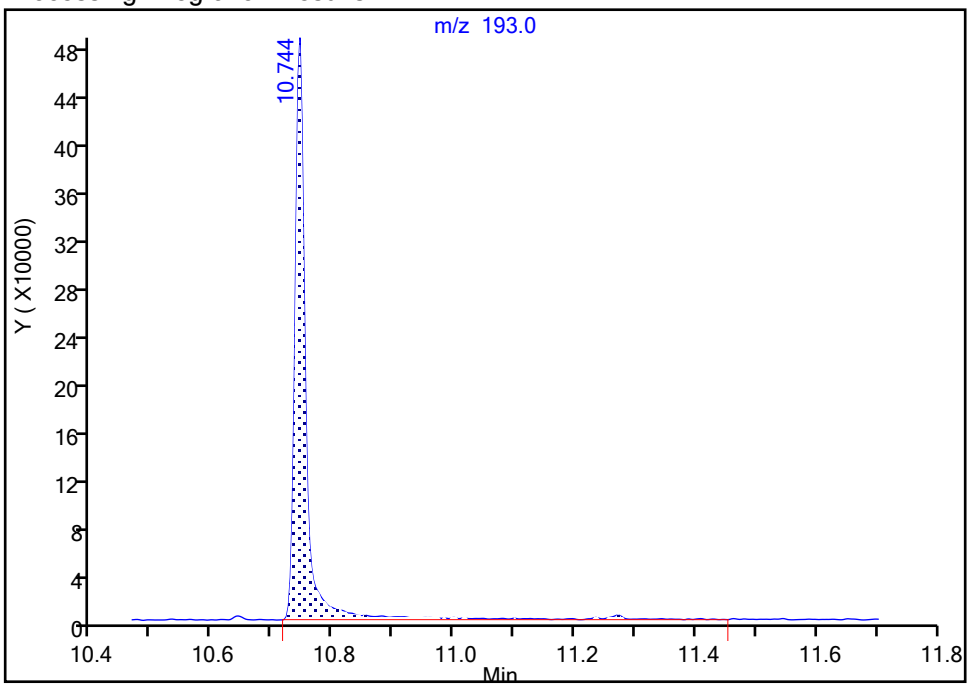
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351412.D
Injection Date: 25-Jul-2025 07:13:30 Instrument ID: CBNAMS17
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

100 Carbamazepine, CAS: 298-46-4

Signal: 1

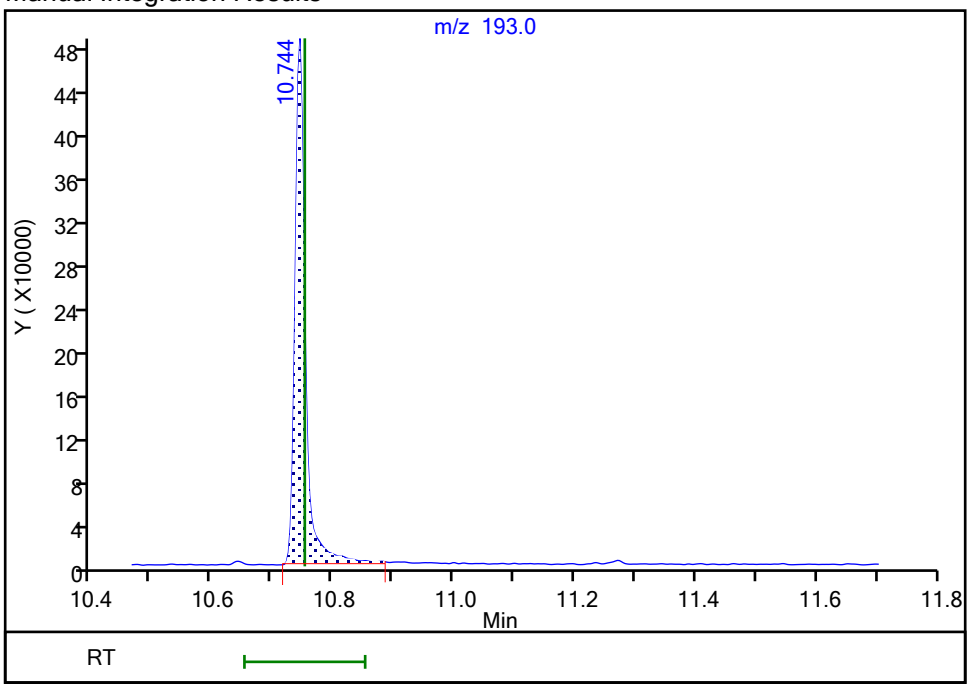
Processing Integration Results

RT: 10.74
Area: 622902
Amount: 3.788368
Amount Units: ug/ml



Manual Integration Results

RT: 10.74
Area: 583149
Amount: 3.623427
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 08:58:50 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351413.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 25-Jul-2025 07:34:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194057-006
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 25-Jul-2025 10:59:37 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: G4KC Date: 25-Jul-2025 07:57:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.846	1.840	0.006	93	298968	2.00	1.94	
2 N-Nitrosodimethylamine	74	2.022	2.019	0.003	98	468247	2.00	1.95	
3 Pyridine	79	2.073	2.064	0.009	96	1545646	4.00	4.43	
$ 4 2-Fluorophenol	112	3.061	3.061	0.000	98	3845297	10.0	10.2	
5 Benzaldehyde	77	3.870	3.873	-0.003	97	615327	2.00	2.02	
$ 6 Phenol-d5	99	3.930	3.937	-0.007	0	4967753	10.0	10.4	
7 Phenol	94	3.943	3.950	-0.007	96	861503	2.00	1.93	
8 Aniline	93	3.975	3.979	-0.004	98	1092684	2.00	1.97	
9 Bis(2-chloroethyl)ether	93	4.030	4.040	-0.010	97	693199	2.00	1.95	
10 Benzonitrile	103	4.046	4.056	-0.010	98	1399824	NC	NC	
11 2-Chlorophenol	128	4.090	4.097	-0.007	97	669505	2.00	1.94	
13 n-Decane	43	4.154	4.158	-0.004	88	637035	2.00	1.96	
14 1,3-Dichlorobenzene	146	4.244	4.248	-0.004	96	735634	2.00	1.93	
* 15 1,4-Dichlorobenzene-d4	152	4.295	4.299	-0.004	98	1947769	8.00	8.00	
16 1,4-Dichlorobenzene	146	4.311	4.315	-0.004	96	727016	2.00	1.87	
17 Benzyl alcohol	108	4.420	4.430	-0.010	95	427822	2.00	2.00	
19 1,2-Dichlorobenzene	146	4.458	4.465	-0.007	96	715376	2.00	1.98	
20 2-Methylphenol	108	4.529	4.539	-0.010	89	619062	2.00	1.96	
21 2,2'-oxybis[1-chloropropane]	45	4.558	4.564	-0.006	96	841427	2.00	2.04	
24 N-Methylaniline	106	4.669	4.676	-0.007	91	1088913	2.00	2.06	
26 Acetophenone	105	4.676	4.686	-0.010	89	977253	2.00	2.03	
25 N-Nitrosodi-n-propylamine	70	4.679	4.689	-0.010	83	484423	2.00	2.06	
23 3 & 4 Methylphenol	108	4.679	4.689	-0.010	0	699064	2.00	2.01	
22 4-Methylphenol	108	4.679	4.689	-0.010	82	696473	2.00	2.03	
27 Hexachloroethane	117	4.791	4.795	-0.004	93	278654	2.00	1.90	
$ 28 Nitrobenzene-d5	82	4.823	4.827	-0.004	87	3980283	10.0	10.4	
29 Nitrobenzene	123	4.839	4.846	-0.007	99	317691	2.00	1.95	
30 n,n'-Dimethylaniline	120	4.852	4.859	-0.007	93	1053437	2.00	2.08	
31 Isophorone	82	5.073	5.083	-0.010	99	1301720	2.00	2.02	
32 2-Nitrophenol	139	5.149	5.156	-0.007	95	288492	2.00	1.92	
33 2,4-Dimethylphenol	122	5.197	5.204	-0.007	92	595509	2.00	2.02	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Bis(2-chloroethoxy)methane	93	5.287	5.294	-0.007	98	808441	2.00	1.93	
34 Benzoic acid	122	5.249	5.304	-0.055	88	212521	2.00	1.86	
36 2,4-Dichlorophenol	162	5.383	5.390	-0.007	97	488467	2.00	1.94	
37 1,2,4-Trichlorobenzene	180	5.469	5.477	-0.008	94	532312	2.00	1.94	
* 38 Naphthalene-d8	136	5.524	5.528	-0.004	99	7683414	8.00	8.00	
39 Naphthalene	128	5.543	5.547	-0.004	99	1971036	2.00	2.12	
40 4-Chloroaniline	127	5.591	5.598	-0.007	97	785091	2.00	1.99	
41 2,6-Dichlorophenol	162	5.601	5.608	-0.007	98	474641	2.00	1.97	
42 Hexachlorobutadiene	225	5.677	5.682	-0.005	93	255554	2.00	1.88	
44 Caprolactam	55	5.898	5.960	-0.062	91	224229	2.00	2.11	
45 4-Chloro-3-methylphenol	107	6.065	6.072	-0.008	96	509339	2.00	1.99	
46 2-Methylnaphthalene	142	6.209	6.216	-0.007	85	1107992	2.00	1.97	
47 1-Methylnaphthalene	142	6.301	6.309	-0.008	93	1162122	2.00	2.00	
48 Hexachlorocyclopentadiene	237	6.375	6.380	-0.005	82	309361	2.00	1.84	
49 1,2,4,5-Tetrachlorobenzene	216	6.375	6.380	-0.005	94	465497	2.00	1.89	
50 2-tertbutyl-4-methylphenol	149	6.410	6.415	-0.005	90	707002	2.00	2.02	
51 2,4,6-Trichlorophenol	196	6.481	6.485	-0.004	88	310843	2.00	1.97	
52 2,4,5-Trichlorophenol	196	6.510	6.517	-0.007	95	323479	2.00	1.93	
$ 53 2-Fluorobiphenyl	172	6.564	6.572	-0.008	97	7103280	10.0	10.1	
54 1,1'-Biphenyl	154	6.657	6.665	-0.008	96	1397113	2.00	2.00	
55 2-Chloronaphthalene	162	6.673	6.681	-0.008	97	1043809	2.00	1.93	
56 Phenyl ether	170	6.759	6.767	-0.008	87	726458	2.00	1.97	
57 2-Nitroaniline	65	6.763	6.774	-0.011	97	332829	2.00	1.95	
58 1,3-Dimethylnaphthalene	156	6.884	6.892	-0.008	91	746862	2.00	1.95	
59 Dimethyl phthalate	163	6.952	6.960	-0.008	98	1095264	2.00	2.00	
60 Coumarin	146	6.958	6.969	-0.011	81	397756	2.00	2.02	
61 2,6-Dinitrotoluene	165	6.996	7.008	-0.012	96	216422	2.00	1.96	
62 Acenaphthylene	152	7.067	7.075	-0.008	97	1771033	2.00	2.13	
63 3-Nitroaniline	138	7.153	7.165	-0.012	97	265202	2.00	1.95	
* 64 Acenaphthene-d10	164	7.205	7.210	-0.006	96	3594023	8.00	8.00	
66 Acenaphthene	154	7.233	7.242	-0.009	97	1058741	2.00	1.99	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.237	7.245	-0.008	98	745765	2.00	1.99	
67 2,4-Dinitrophenol	184	7.253	7.264	-0.011	90	159733	4.00	3.36	a
68 4-Nitrophenol	65	7.317	7.331	-0.014	91	328063	4.00	3.81	
69 2,4-Dinitrotoluene	165	7.378	7.389	-0.011	95	277531	2.00	2.03	
70 Dibenzofuran	168	7.400	7.405	-0.005	96	1454692	2.00	2.06	
71 2,3,4,6-Tetrachlorophenol	232	7.518	7.524	-0.006	90	223531	2.00	1.92	
72 Diethyl phthalate	149	7.624	7.636	-0.012	98	1097117	2.00	1.96	
73 n-Octadecane	57	7.659	7.668	-0.009	90	789222	2.00	1.93	
74 Fluorene	166	7.723	7.732	-0.009	94	1148667	2.00	1.99	
75 4-Chlorophenyl phenyl ether	204	7.730	7.735	-0.005	86	482114	2.00	1.96	
76 4-Nitroaniline	138	7.730	7.745	-0.015	96	244406	2.00	1.92	
77 4,6-Dinitro-2-methylphenol	198	7.768	7.780	-0.012	82	239787	4.00	3.51	
78 N-Nitrosodiphenylamine	169	7.839	7.848	-0.009	70	774598	2.00	1.94	
131 Azobenzene	77	7.877	7.886	-0.009	96	1278533	2.00	2.03	
79 1,2-Diphenylhydrazine	77	7.877	7.886	-0.009	50	1278491	2.00	2.04	
$ 80 2,4,6-Tribromophenol	330	7.951	7.960	-0.009	93	959512	10.0	10.4	
83 4-Bromophenyl phenyl ether	248	8.191	8.197	-0.006	84	258197	2.00	1.89	
84 Hexachlorobenzene	284	8.255	8.261	-0.006	99	313297	2.00	1.90	
85 Atrazine	200	8.348	8.357	-0.009	89	241012	2.00	2.01	
86 Pentachlorophenol	266	8.438	8.444	-0.006	93	349476	4.00	3.70	
87 Pentachloronitrobenzene	237	8.454	8.463	-0.009	86	78008	2.00	2.01	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.611	8.617	-0.006	99	5744608	8.00	8.00	
89 Phenanthrene	178	8.634	8.643	-0.009	98	1457631	2.00	2.04	
90 Anthracene	178	8.682	8.691	-0.009	98	1504536	2.00	2.07	
91 Carbazole	167	8.832	8.842	-0.010	96	1339872	2.00	2.03	
92 Di-n-butyl phthalate	149	9.184	9.191	-0.007	99	1487398	2.00	2.09	
93 Fluoranthene	202	9.761	9.768	-0.007	96	1298042	2.00	2.02	
94 Benzidine	184	9.889	9.896	-0.007	100	646273	2.00	2.15	
95 Pyrene	202	9.975	9.983	-0.008	96	1362382	2.00	2.02	
96 Bisphenol-A	213	10.030	10.034	-0.004	97	353897	2.00	1.80	M
$ 97 Terphenyl-d14	244	10.136	10.140	-0.004	97	5676439	10.0	10.3	
98 Butyl benzyl phthalate	149	10.642	10.650	-0.008	97	479495	2.00	1.88	
100 Carbamazepine	193	10.741	10.752	-0.011	93	258103	2.00	1.70	M
101 3,3'-Dichlorobenzidine	252	11.231	11.240	-0.009	99	352242	2.00	1.87	
102 Benzo[a]anthracene	228	11.257	11.266	-0.009	99	994159	2.00	1.90	
* 103 Chrysene-d12	240	11.267	11.278	-0.011	98	3199849	8.00	8.00	
104 Chrysene	228	11.299	11.307	-0.008	97	946764	2.00	1.88	
105 Bis(2-ethylhexyl) phthalate	149	11.334	11.343	-0.009	87	711726	2.00	1.86	
106 Di-n-octyl phthalate	149	12.199	12.208	-0.009	96	922790	2.00	1.79	
107 Benzo[b]fluoranthene	252	12.677	12.692	-0.015	97	781300	2.00	1.98	
108 Benzo[k]fluoranthene	252	12.715	12.731	-0.016	97	870874	2.00	1.96	
109 Benzo[a]pyrene	252	13.138	13.151	-0.013	94	736758	2.00	1.98	
* 110 Perylene-d12	264	13.225	13.231	-0.006	97	2819083	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.799	14.822	-0.023	96	647049	2.00	1.89	
112 Dibenz(a,h)anthracene	278	14.844	14.864	-0.020	96	683784	2.00	1.90	
113 Benzo[g,h,i]perylene	276	15.235	15.262	-0.027	93	673327	2.00	1.90	
S 119 Total Cresols	1				0			3.97	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

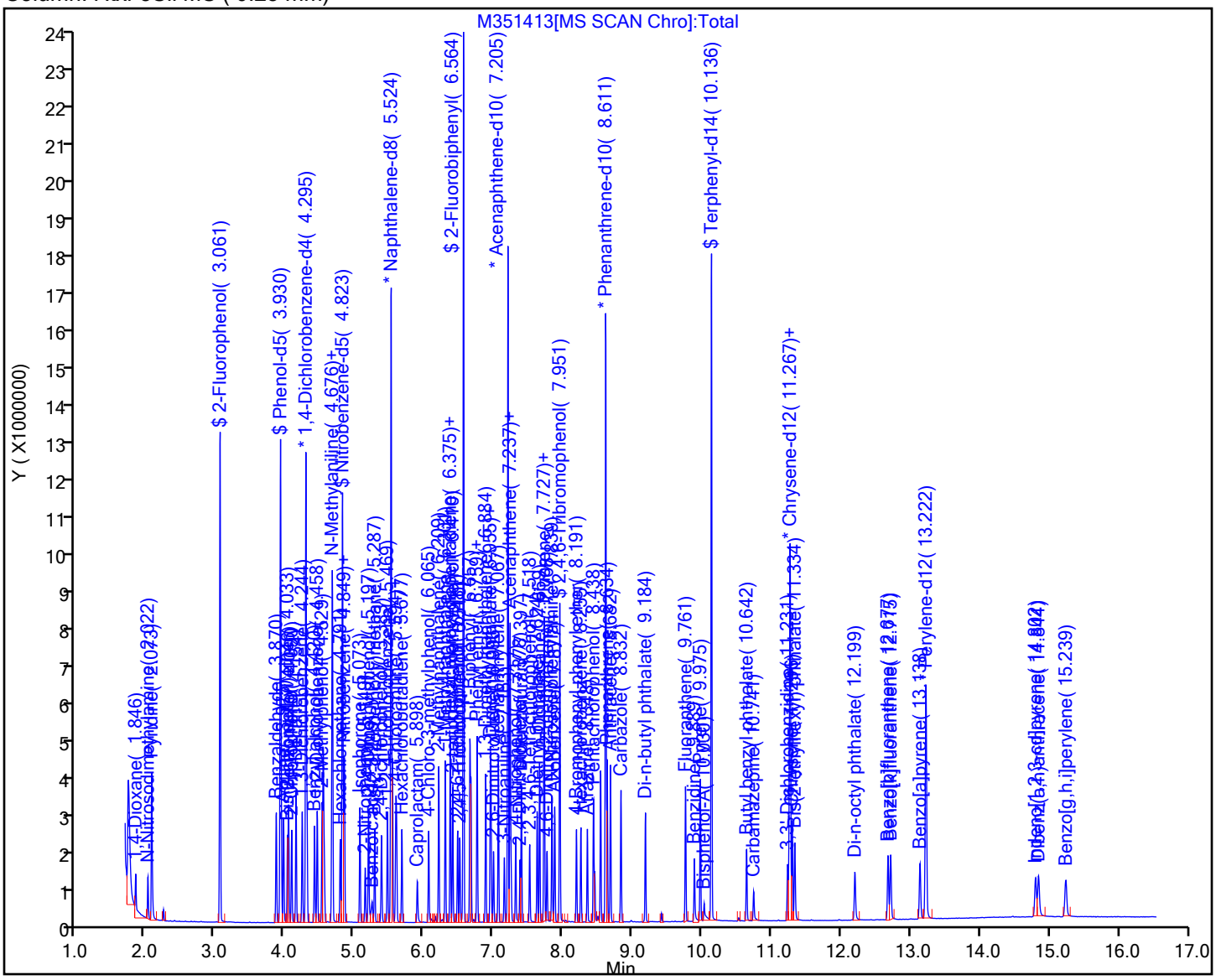
Reagents:

SV_BNAL5_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2025 10:59:39 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351413.D
Injection Date: 25-Jul-2025 07:34:30 Instrument ID: CBNAMS17
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

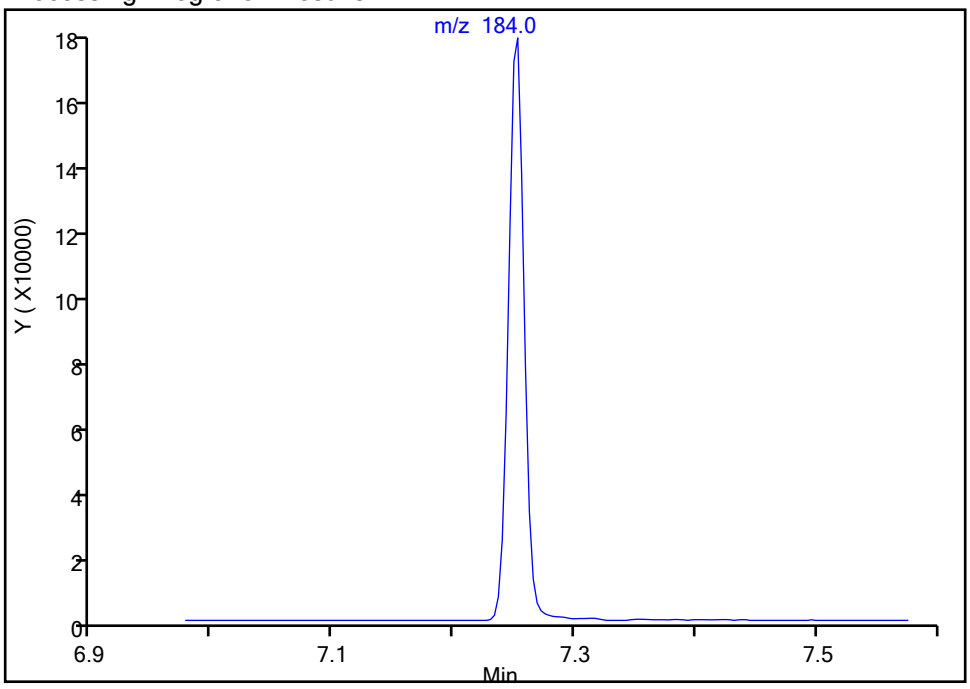
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351413.D
Injection Date: 25-Jul-2025 07:34:30 Instrument ID: CBNAMS17
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

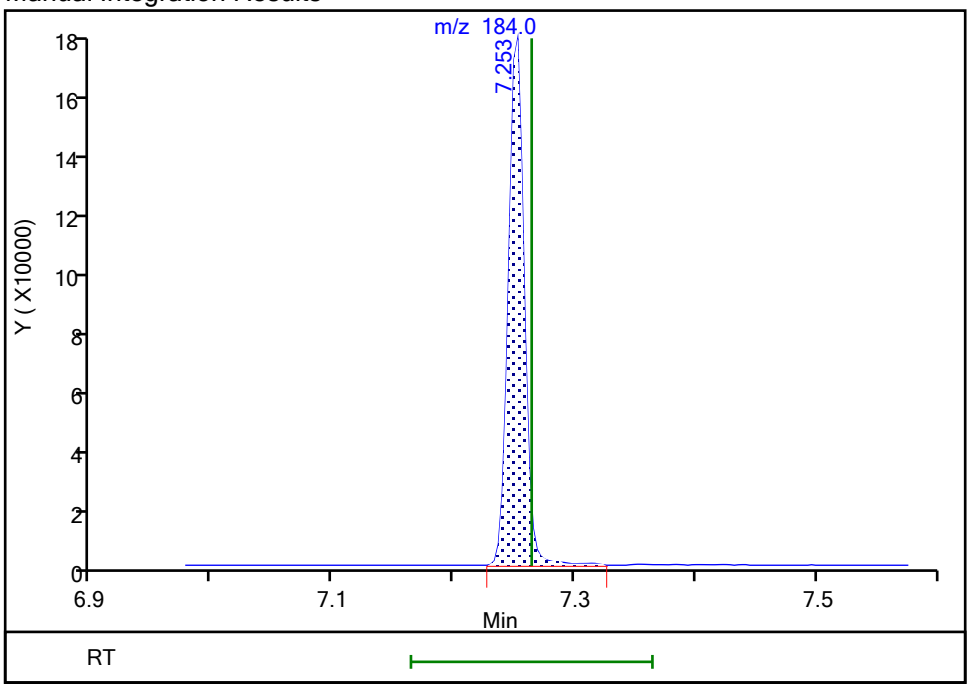
Not Detected
Expected RT: 7.26

Processing Integration Results



Manual Integration Results

RT: 7.25
Area: 159733
Amount: 3.361925
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 07:57:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

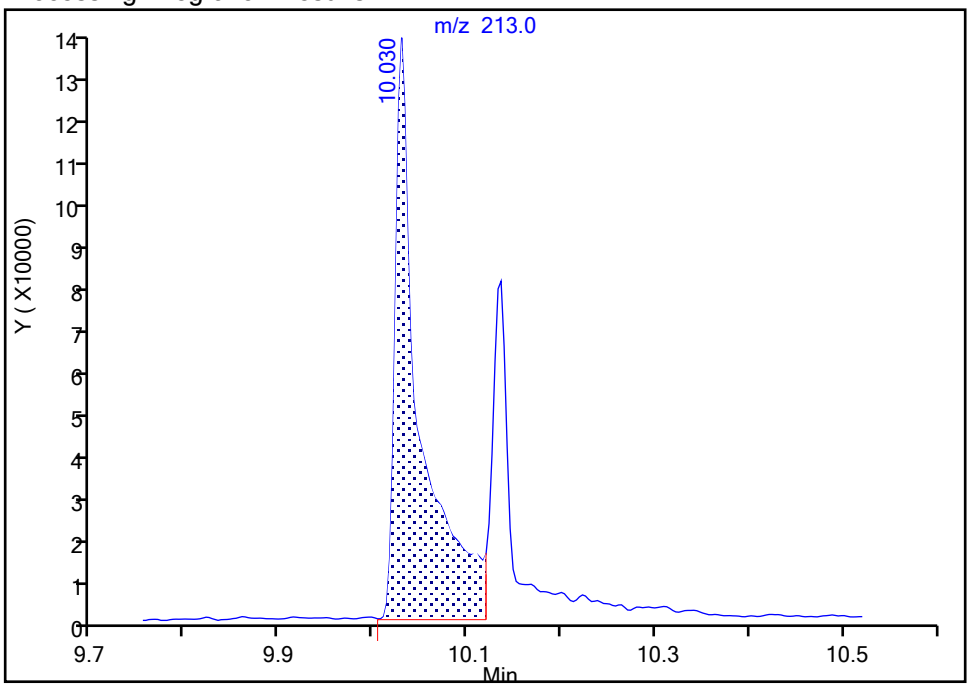
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351413.D
Injection Date: 25-Jul-2025 07:34:30 Instrument ID: CBNAMS17
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

96 Bisphenol-A, CAS: 80-05-7

Signal: 1

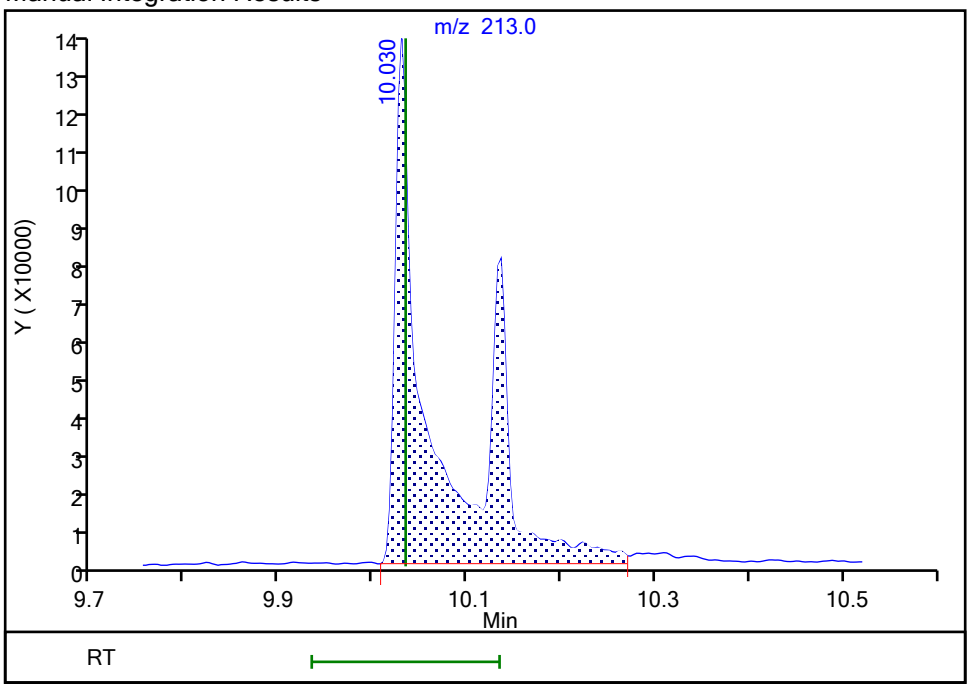
Processing Integration Results

RT: 10.03
Area: 240134
Amount: 1.976672
Amount Units: ug/ml



Manual Integration Results

RT: 10.03
Area: 353897
Amount: 1.798581
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 08:00:06 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

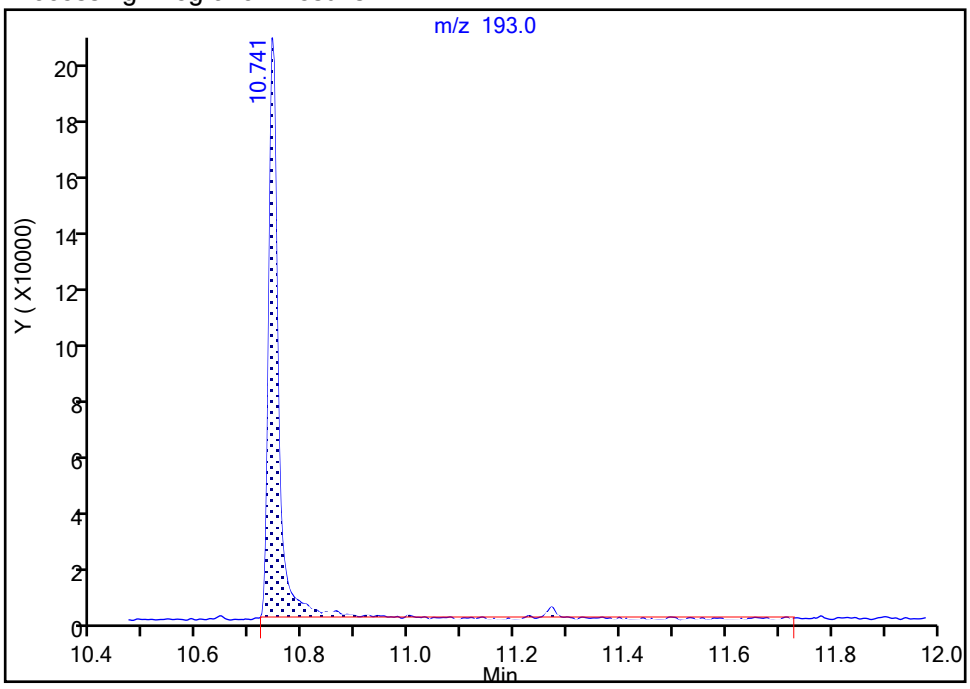
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351413.D
Injection Date: 25-Jul-2025 07:34:30 Instrument ID: CBNAMS17
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

100 Carbamazepine, CAS: 298-46-4

Signal: 1

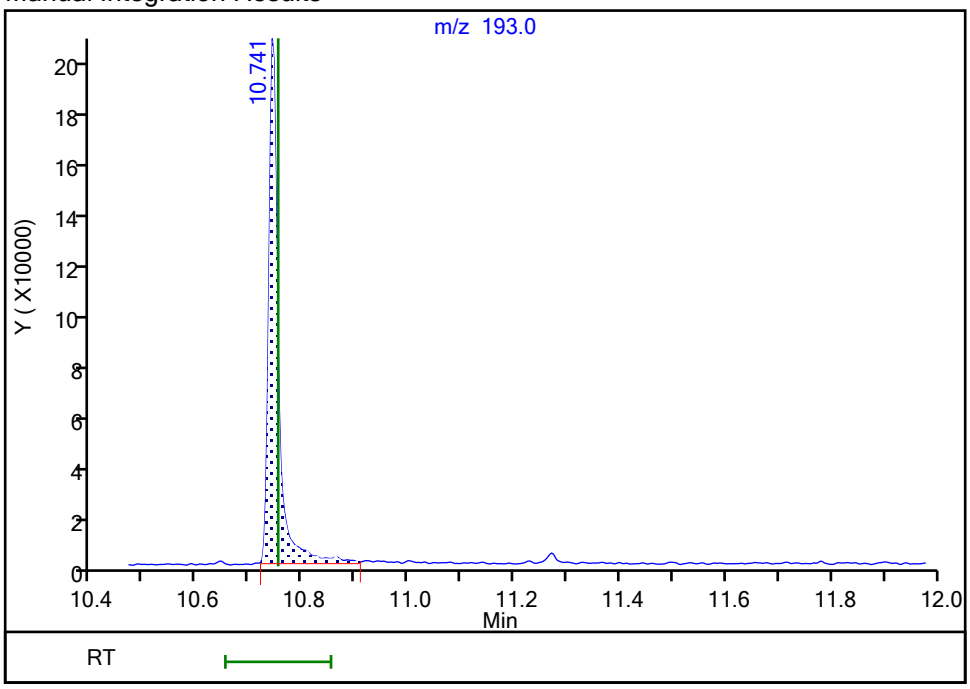
Processing Integration Results

RT: 10.74
Area: 265059
Amount: 1.872376
Amount Units: ug/ml



Manual Integration Results

RT: 10.74
Area: 258103
Amount: 1.701597
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 08:58:28 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351414.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 25-Jul-2025 07:55:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194057-007
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 25-Jul-2025 10:59:42 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: G4KC Date: 25-Jul-2025 08:20:47

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.853	1.840	0.013	93	159140	1.00	0.9734	
	2 N-Nitrosodimethylamine	74	2.025	2.019	0.006	98	241959	1.00	0.9493	
	3 Pyridine	79	2.083	2.064	0.019	96	788875	2.00	2.13	
$	4 2-Fluorophenol	112	3.061	3.061	0.000	97	4026127	10.0	10.1	
	5 Benzaldehyde	77	3.869	3.873	-0.004	97	311361	1.00	0.9637	
$	6 Phenol-d5	99	3.930	3.937	-0.007	0	5189532	10.0	10.2	
	7 Phenol	94	3.943	3.950	-0.007	95	461546	1.00	0.9725	
	8 Aniline	93	3.975	3.979	-0.004	98	581279	1.00	0.99	
	9 Bis(2-chloroethyl)ether	93	4.029	4.040	-0.011	97	370644	1.00	0.9809	
	10 Benzonitrile	103	4.045	4.056	-0.011	98	711383	NC	NC	
	11 2-Chlorophenol	128	4.090	4.097	-0.007	97	351456	1.00	0.9618	
	13 n-Decane	43	4.154	4.158	-0.004	89	343923	1.00	1.00	
	14 1,3-Dichlorobenzene	146	4.244	4.248	-0.004	96	385108	1.00	0.9522	
*	15 1,4-Dichlorobenzene-d4	152	4.295	4.299	-0.004	96	2065585	8.00	8.00	
	16 1,4-Dichlorobenzene	146	4.311	4.315	-0.004	94	397962	1.00	0.9636	
	17 Benzyl alcohol	108	4.419	4.430	-0.011	95	211881	1.00	0.9357	
	19 1,2-Dichlorobenzene	146	4.458	4.465	-0.007	96	371270	1.00	0.9699	
	20 2-Methylphenol	108	4.528	4.539	-0.011	90	330544	1.00	0.9862	
	21 2,2'-oxybis[1-chloropropane]	45	4.557	4.564	-0.007	96	448938	1.00	1.03	
	24 N-Methylaniline	106	4.669	4.676	-0.007	92	557616	1.00	0.99	
	26 Acetophenone	105	4.675	4.686	-0.011	89	518470	1.00	1.02	
	25 N-Nitrosodi-n-propylamine	70	4.679	4.689	-0.010	83	255159	1.00	1.02	
	23 3 & 4 Methylphenol	108	4.679	4.689	-0.010	0	367682	1.00	1.00	
	22 4-Methylphenol	108	4.679	4.689	-0.010	81	361706	1.00	0.99	
	27 Hexachloroethane	117	4.790	4.795	-0.005	93	148653	1.00	0.9563	
$	28 Nitrobenzene-d5	82	4.823	4.827	-0.004	87	4149378	10.0	10.4	
	29 Nitrobenzene	123	4.839	4.846	-0.008	100	177354	1.00	1.03	
	30 n,n'-Dimethylaniline	120	4.851	4.859	-0.008	96	536676	1.00	1.00	
	31 Isophorone	82	5.072	5.083	-0.011	99	680525	1.00	1.01	
	32 2-Nitrophenol	139	5.149	5.156	-0.007	95	148069	1.00	0.9423	
	33 2,4-Dimethylphenol	122	5.197	5.204	-0.007	91	296327	1.00	0.9617	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Bis(2-chloroethoxy)methane	93	5.286	5.294	-0.008	99	424490	1.00	0.9717	
34 Benzoic acid	122	5.235	5.304	-0.069	81	76257	1.00	1.06	
36 2,4-Dichlorophenol	162	5.382	5.390	-0.008	96	253174	1.00	0.9660	
37 1,2,4-Trichlorobenzene	180	5.469	5.477	-0.008	93	280864	1.00	0.9785	
* 38 Naphthalene-d8	136	5.523	5.528	-0.005	99	8017126	8.00	8.00	e
39 Naphthalene	128	5.542	5.547	-0.005	99	1038825	1.00	1.07	
40 4-Chloroaniline	127	5.590	5.598	-0.008	97	414367	1.00	1.01	
41 2,6-Dichlorophenol	162	5.600	5.608	-0.008	98	251790	1.00	1.00	
42 Hexachlorobutadiene	225	5.677	5.682	-0.005	93	138347	1.00	0.9756	
44 Caprolactam	55	5.894	5.960	-0.066	92	99499	1.00	0.8973	
45 4-Chloro-3-methylphenol	107	6.064	6.072	-0.008	96	246685	1.00	0.9247	
46 2-Methylnaphthalene	142	6.208	6.216	-0.008	85	586204	1.00	1.00	
47 1-Methylnaphthalene	142	6.304	6.309	-0.005	92	611703	1.00	1.01	
48 Hexachlorocyclopentadiene	237	6.374	6.380	-0.006	84	156818	1.00	0.8948	
49 1,2,4,5-Tetrachlorobenzene	216	6.374	6.380	-0.006	94	245281	1.00	0.9554	
50 2-tertbutyl-4-methylphenol	149	6.409	6.415	-0.006	91	352679	1.00	0.9650	
51 2,4,6-Trichlorophenol	196	6.480	6.485	-0.005	86	158296	1.00	0.9606	
52 2,4,5-Trichlorophenol	196	6.509	6.517	-0.008	95	167583	1.00	0.9600	
$ 53 2-Fluorobiphenyl	172	6.566	6.572	-0.006	97	7577346	10.0	10.3	e
54 1,1'-Biphenyl	154	6.656	6.665	-0.009	96	745796	1.00	1.02	
55 2-Chloronaphthalene	162	6.672	6.681	-0.009	97	559839	1.00	0.99	
56 Phenyl ether	170	6.758	6.767	-0.009	87	370428	1.00	0.9619	
57 2-Nitroaniline	65	6.762	6.774	-0.012	96	167128	1.00	0.9371	
58 1,3-Dimethylnaphthalene	156	6.883	6.892	-0.009	90	385952	1.00	0.9674	
59 Dimethyl phthalate	163	6.950	6.960	-0.010	98	581122	1.00	1.02	
60 Coumarin	146	6.960	6.969	-0.009	81	200726	1.00	0.9754	
61 2,6-Dinitrotoluene	165	6.995	7.008	-0.013	95	109939	1.00	0.9545	
62 Acenaphthylene	152	7.066	7.075	-0.009	97	919726	1.00	1.06	
63 3-Nitroaniline	138	7.152	7.165	-0.013	96	133098	1.00	0.9378	
* 64 Acenaphthene-d10	164	7.203	7.210	-0.007	96	3751889	8.00	8.00	
66 Acenaphthene	154	7.235	7.242	-0.007	96	565565	1.00	1.02	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.238	7.245	-0.007	98	374718	1.00	0.9573	
67 2,4-Dinitrophenol	184	7.251	7.264	-0.013	94	68383	2.00	1.55	a
68 4-Nitrophenol	65	7.315	7.331	-0.016	90	158810	2.00	1.77	
69 2,4-Dinitrotoluene	165	7.379	7.389	-0.010	93	136808	1.00	0.9576	
70 Dibenzofuran	168	7.399	7.405	-0.006	96	766129	1.00	1.04	
71 2,3,4,6-Tetrachlorophenol	232	7.517	7.524	-0.007	91	117838	1.00	0.9699	
72 Diethyl phthalate	149	7.623	7.636	-0.013	98	577395	1.00	0.99	
73 n-Octadecane	57	7.661	7.668	-0.007	90	418140	1.00	0.9587	
74 Fluorene	166	7.722	7.732	-0.010	94	608942	1.00	1.01	
75 4-Chlorophenyl phenyl ether	204	7.728	7.735	-0.007	83	255118	1.00	0.99	
76 4-Nitroaniline	138	7.728	7.745	-0.017	71	120400	1.00	0.9081	
77 4,6-Dinitro-2-methylphenol	198	7.767	7.780	-0.013	82	113084	2.00	1.74	
78 N-Nitrosodiphenylamine	169	7.837	7.848	-0.011	77	411360	1.00	0.9672	
131 Azobenzene	77	7.876	7.886	-0.010	96	675142	1.00	1.00	
79 1,2-Diphenylhydrazine	77	7.876	7.886	-0.010	50	675172	1.00	1.01	
$ 80 2,4,6-Tribromophenol	330	7.953	7.960	-0.008	94	1010733	10.0	10.5	
83 4-Bromophenyl phenyl ether	248	8.190	8.197	-0.007	85	137751	1.00	0.9463	
84 Hexachlorobenzene	284	8.254	8.261	-0.007	98	165610	1.00	0.9408	
85 Atrazine	200	8.346	8.357	-0.011	92	120995	1.00	0.9455	
86 Pentachlorophenol	266	8.436	8.444	-0.008	94	179806	2.00	1.79	
87 Pentachloronitrobenzene	237	8.452	8.463	-0.011	86	37013	1.00	0.8947	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.612	8.617	-0.005	99	6128433	8.00	8.00	
89 Phenanthrene	178	8.632	8.643	-0.011	98	778280	1.00	1.02	
90 Anthracene	178	8.680	8.691	-0.011	98	797701	1.00	1.03	
91 Carbazole	167	8.830	8.842	-0.012	96	699199	1.00	0.99	
92 Di-n-butyl phthalate	149	9.182	9.191	-0.009	99	748416	1.00	0.9869	
93 Fluoranthene	202	9.761	9.768	-0.007	96	683930	1.00	1.00	
94 Benzidine	184	9.889	9.896	-0.007	99	283628	1.00	0.9578	
95 Pyrene	202	9.973	9.983	-0.010	95	705613	1.00	1.01	
96 Bisphenol-A	213	10.133	10.034	0.099	97	185862	1.00	0.9145	M
$ 97 Terphenyl-d14	244	10.136	10.140	-0.004	97	5896273	10.0	10.3	
98 Butyl benzyl phthalate	149	10.639	10.650	-0.011	96	222337	1.00	0.9101	
100 Carbamazepine	193	10.742	10.752	-0.010	94	100595	1.00	0.7726	M
101 3,3'-Dichlorobenzidine	252	11.232	11.240	-0.008	99	163401	1.00	0.8564	
102 Benzo[a]anthracene	228	11.254	11.266	-0.012	99	526379	1.00	0.9675	
* 103 Chrysene-d12	240	11.267	11.278	-0.011	98	3305260	8.00	8.00	
104 Chrysene	228	11.296	11.307	-0.011	97	492859	1.00	0.9499	
105 Bis(2-ethylhexyl) phthalate	149	11.334	11.343	-0.009	88	327084	1.00	0.8482	
106 Di-n-octyl phthalate	149	12.199	12.208	-0.009	96	409149	1.00	0.8582	
107 Benzo[b]fluoranthene	252	12.676	12.692	-0.016	99	389351	1.00	0.9562	
108 Benzo[k]fluoranthene	252	12.715	12.731	-0.016	98	449339	1.00	0.9817	
109 Benzo[a]pyrene	252	13.138	13.151	-0.013	96	372876	1.00	0.9727	
* 110 Perylene-d12	264	13.224	13.231	-0.007	98	2911205	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.801	14.822	-0.021	95	319244	1.00	0.9199	
112 Dibenz(a,h)anthracene	278	14.843	14.864	-0.021	96	336141	1.00	0.9227	
113 Benzo[g,h,i]perylene	276	15.234	15.262	-0.028	94	338256	1.00	0.9399	
S 119 Total Cresols	1				0			1.99	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

SV_BNAL4_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2025 10:59:44 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351414.D

Injection Date: 25-Jul-2025 07:55:30 Instrument ID: CBNAMS17

Lims ID: STD1

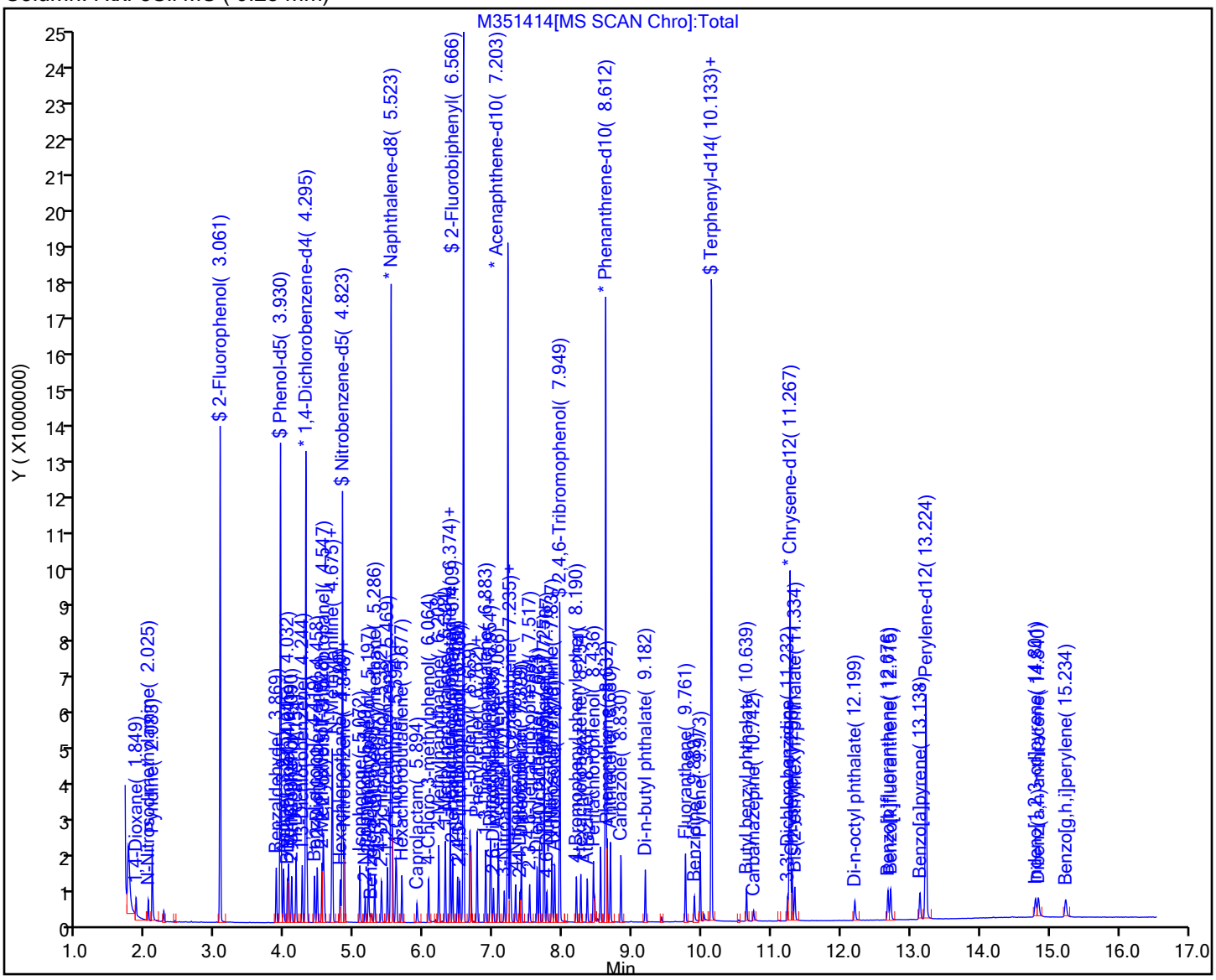
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

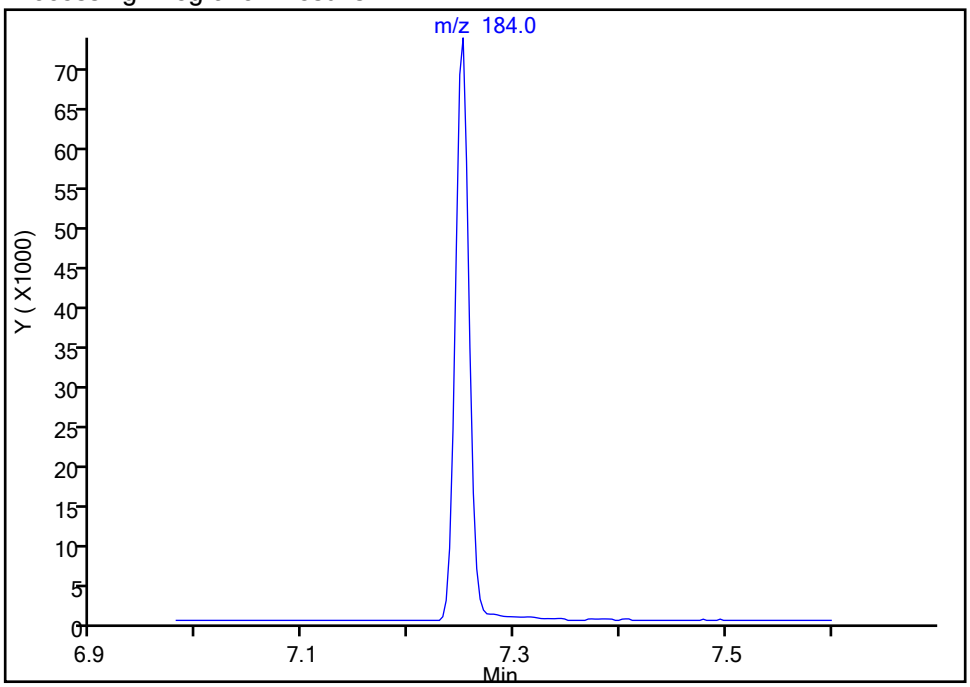
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351414.D				
Injection Date:	25-Jul-2025 07:55:30	Instrument ID:	CBNAMS17		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

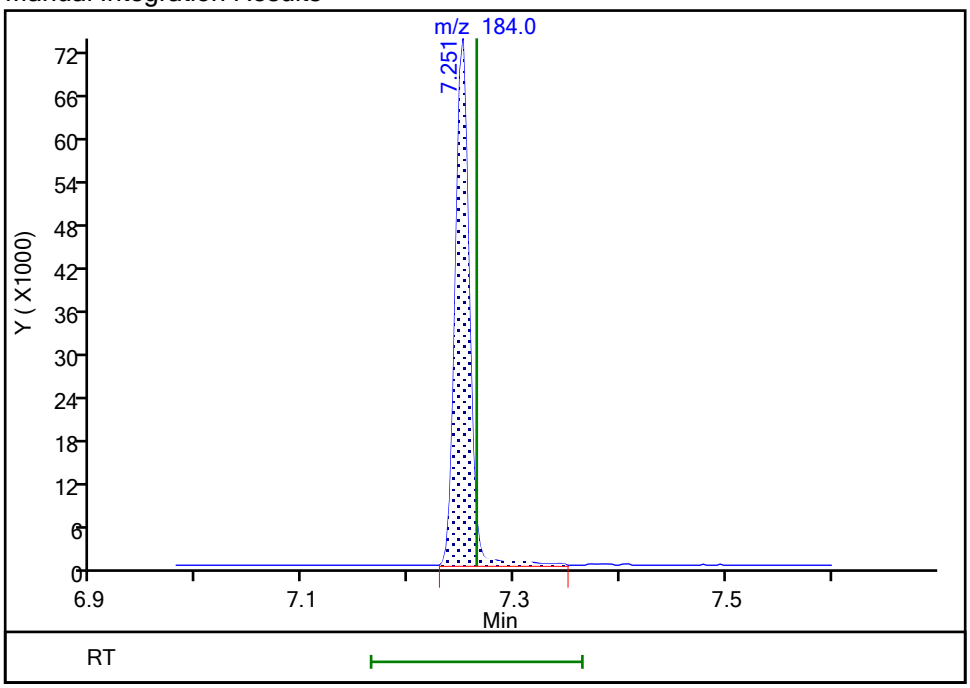
Not Detected
Expected RT: 7.26

Processing Integration Results



Manual Integration Results

RT: 7.25
Area: 68383
Amount: 1.551090
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 08:20:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

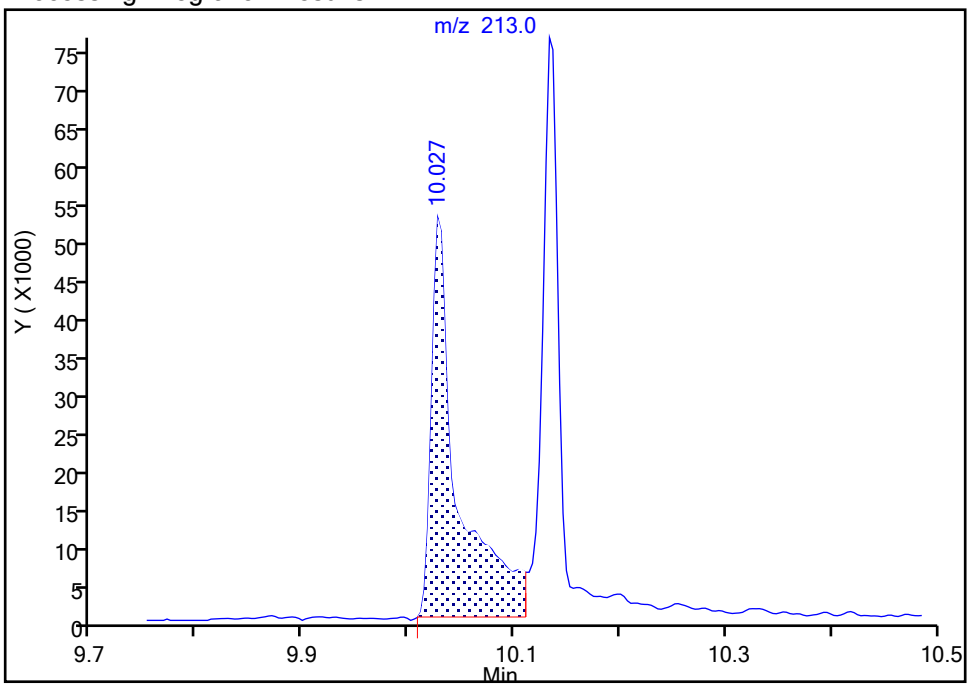
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351414.D
Injection Date: 25-Jul-2025 07:55:30 Instrument ID: CBNAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

96 Bisphenol-A, CAS: 80-05-7

Signal: 1

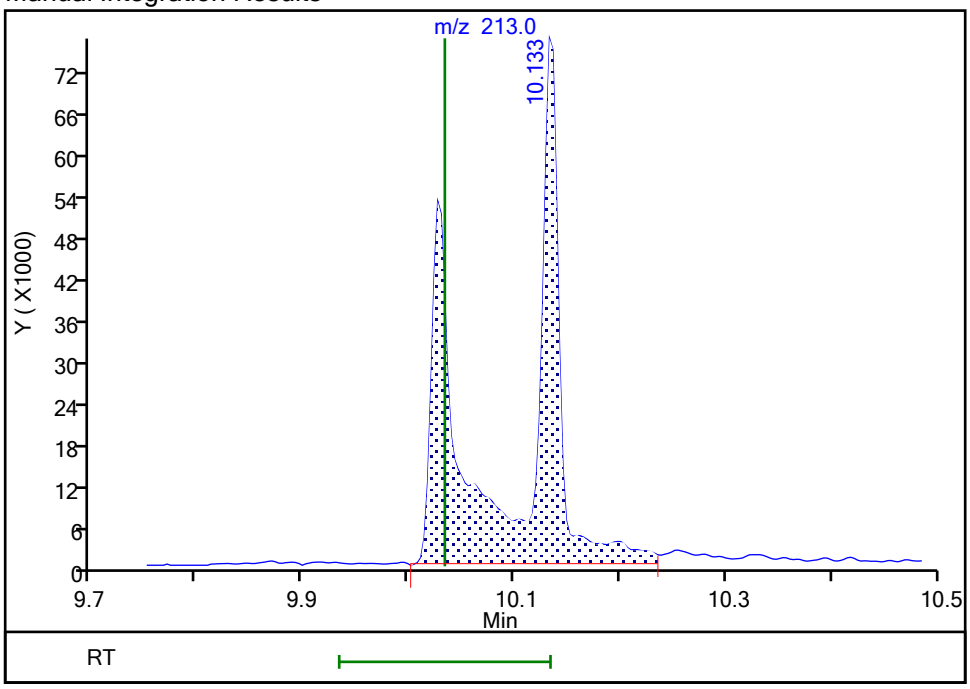
Processing Integration Results

RT: 10.03
Area: 91236
Amount: 0.974150
Amount Units: ug/ml



Manual Integration Results

RT: 10.13
Area: 185862
Amount: 0.914466
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 08:20:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

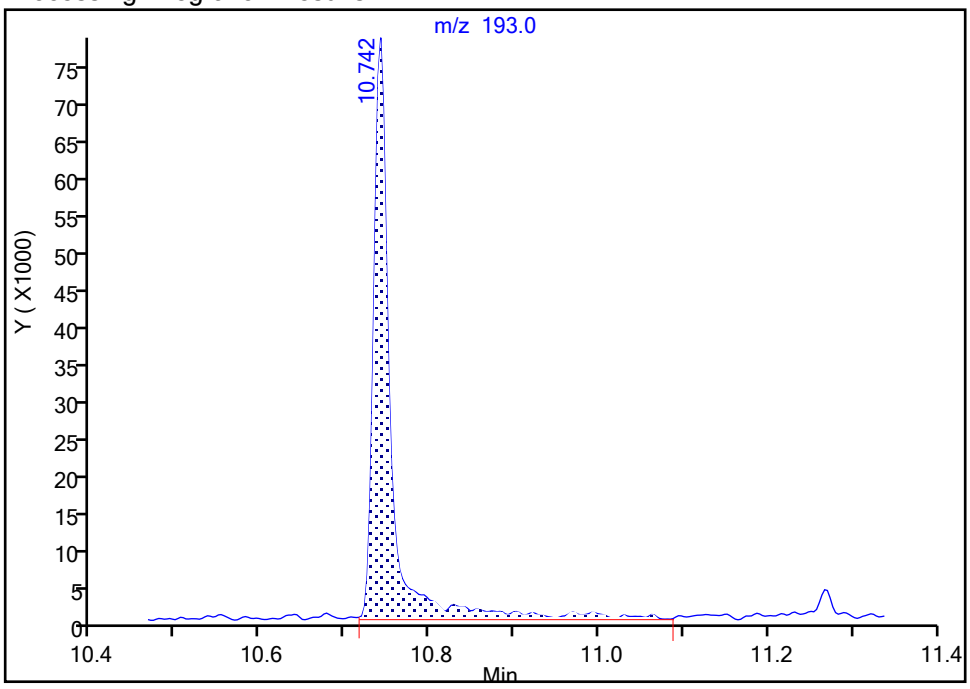
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351414.D				
Injection Date:	25-Jul-2025 07:55:30	Instrument ID:	CBNAMS17		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Carbamazepine, CAS: 298-46-4

Signal: 1

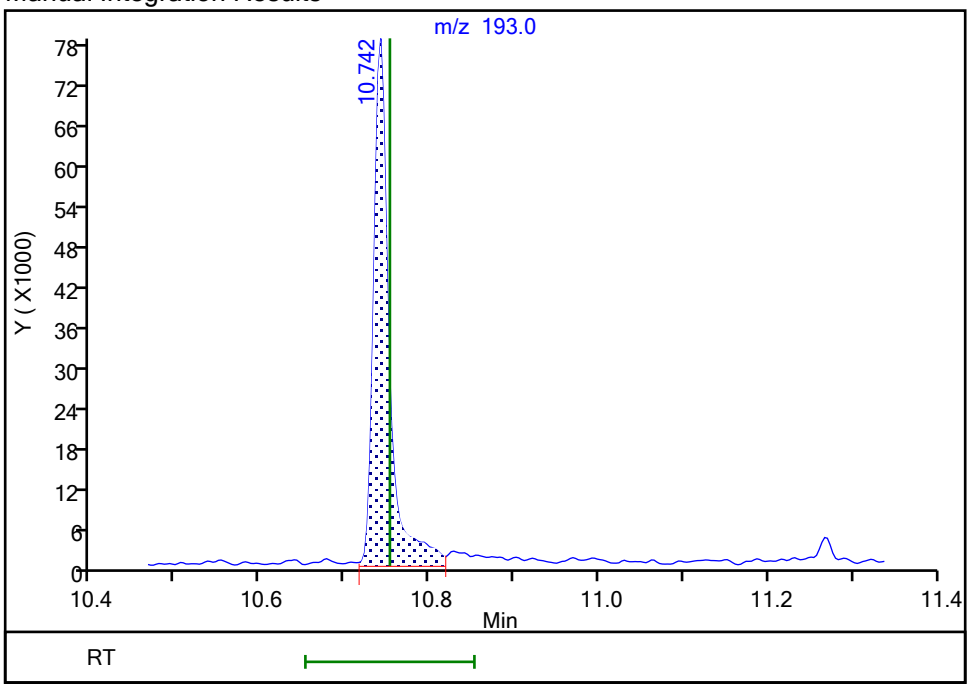
Processing Integration Results

RT: 10.74
Area: 113866
Amount: 1.057176
Amount Units: ug/ml



Manual Integration Results

RT: 10.74
Area: 100595
Amount: 0.772643
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 08:58:07 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351415.D
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 25-Jul-2025 08:16:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194057-008
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 25-Jul-2025 10:59:48 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: G4KC Date: 25-Jul-2025 08:41:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.061	3.061	0.000	98	3951997	10.0	10.1	
5 Benzaldehyde	77	3.866	3.873	-0.007	99	126318	0.4000	0.3993	
$ 6 Phenol-d5	99	3.927	3.937	-0.010	0	5097699	10.0	10.3	
* 15 1,4-Dichlorobenzene-d4	152	4.295	4.299	-0.004	96	2022482	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.823	4.827	-0.004	85	4088043	10.0	10.3	
* 38 Naphthalene-d8	136	5.523	5.528	-0.005	99	7925061	8.00	8.00	e
44 Caprolactam	55	5.891	5.960	-0.069	92	34881	0.4000	0.3182	
$ 53 2-Fluorobiphenyl	172	6.566	6.572	-0.006	97	7418236	10.0	10.3	
* 64 Acenaphthene-d10	164	7.203	7.210	-0.007	96	3700717	8.00	8.00	
67 2,4-Dinitrophenol	184	7.251	7.264	-0.013	91	19159	0.8000	0.6336	a
$ 80 2,4,6-Tribromophenol	330	7.952	7.960	-0.008	93	984891	10.0	10.3	
85 Atrazine	200	8.345	8.357	-0.012	90	43228	0.4000	0.3437	
* 88 Phenanthrene-d10	188	8.611	8.617	-0.006	98	6023043	8.00	8.00	
94 Benzidine	184	9.888	9.896	-0.008	99	85406	0.4000	0.3656	
$ 97 Terphenyl-d14	244	10.134	10.140	-0.006	97	5750867	10.0	10.4	
* 103 Chrysene-d12	240	11.265	11.278	-0.013	99	3215372	8.00	8.00	
* 110 Perylene-d12	264	13.222	13.231	-0.009	99	2836163	8.00	8.00	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
a - User Assigned ID

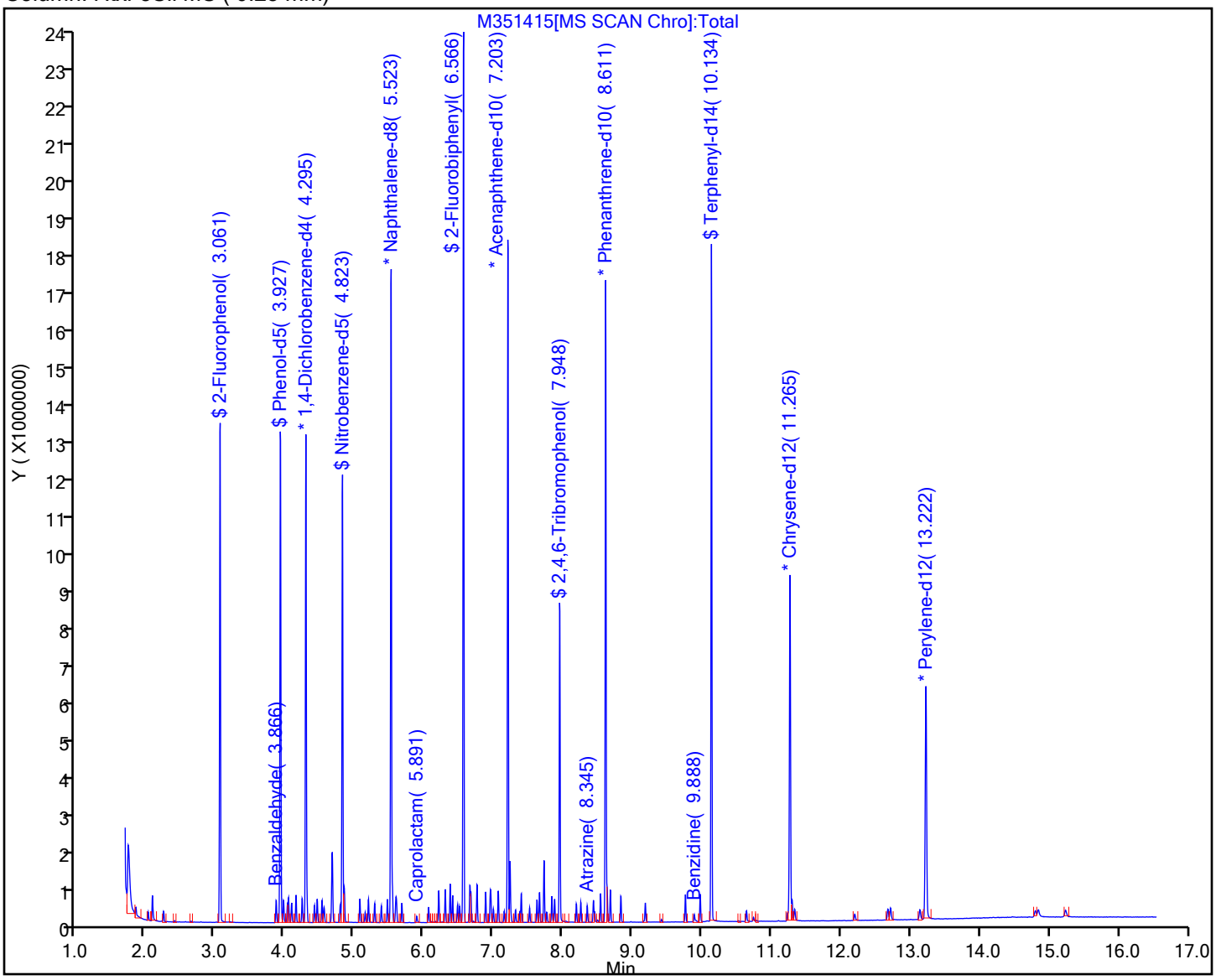
Reagents:

SV_BNAL3_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2025 10:59:49 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351415.D
Injection Date: 25-Jul-2025 08:16:30 Instrument ID: CBNAMS17
Lims ID: STD04
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

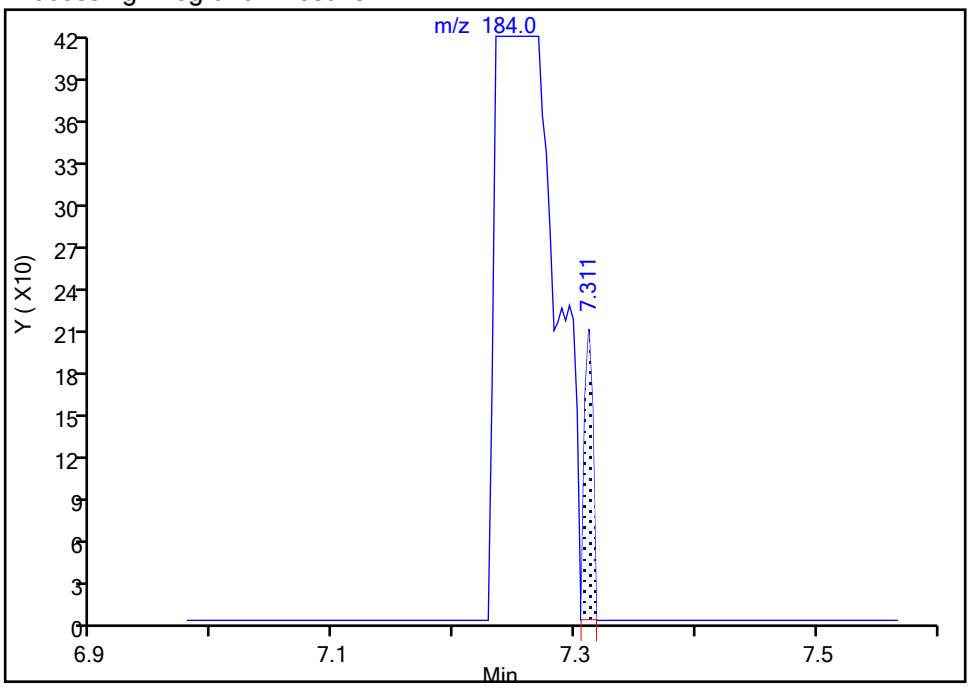
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351415.D
Injection Date: 25-Jul-2025 08:16:30 Instrument ID: CBNAMS17
Lims ID: STD04
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

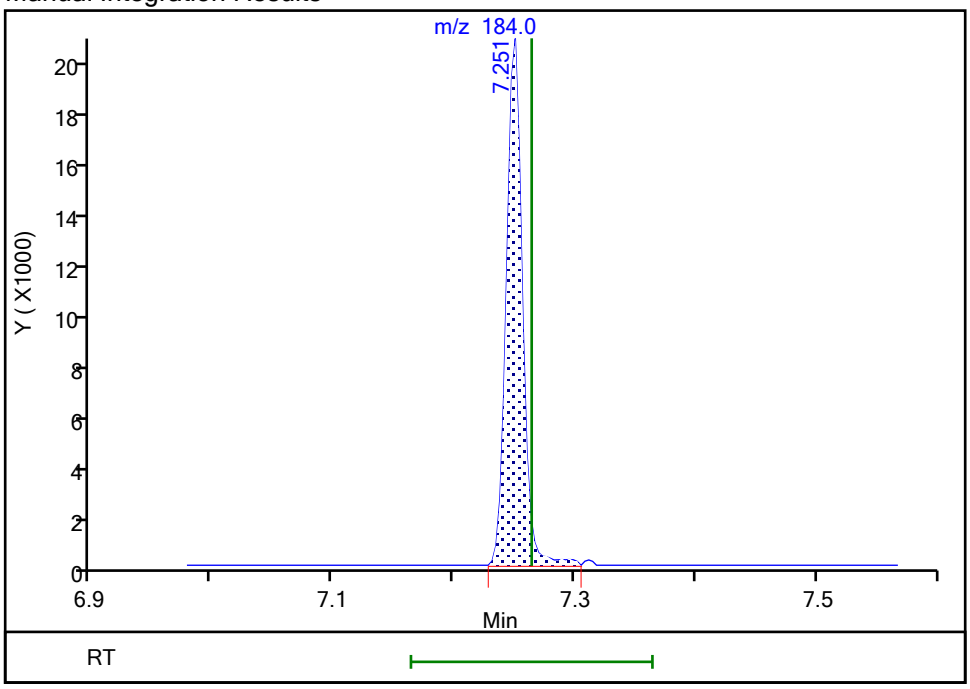
Processing Integration Results

RT: 7.31
Area: 100
Amount: 0.995560
Amount Units: ug/ml



Manual Integration Results

RT: 7.25
Area: 19159
Amount: 0.633587
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 08:41:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351416.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 25-Jul-2025 08:38:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194054-009
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 25-Jul-2025 10:59:52 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: G4KC Date: 25-Jul-2025 08:57:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.849	1.840	0.009	93	33213	0.2000	0.2054	
2 N-Nitrosodimethylamine	74	2.028	2.019	0.009	97	49139	0.2000	0.1949	
3 Pyridine	79	2.092	2.064	0.028	97	151386	0.4000	0.4139	
$ 4 2-Fluorophenol	112	3.060	3.061	-0.001	97	3988531	10.0	10.1	
5 Benzaldehyde	77	3.869	3.873	-0.004	99	65851	0.2000	0.2061	
$ 6 Phenol-d5	99	3.930	3.937	-0.007	0	5151822	10.0	10.3	
7 Phenol	94	3.939	3.950	-0.011	96	92174	0.2000	0.1964	
8 Aniline	93	3.975	3.979	-0.004	97	112728	0.2000	0.1941	
9 Bis(2-chloroethyl)ether	93	4.029	4.040	-0.011	97	76198	0.2000	0.2039	
10 Benzonitrile	103	4.045	4.056	-0.011	98	144816	NC	NC	
11 2-Chlorophenol	128	4.090	4.097	-0.007	97	72265	0.2000	0.2000	
13 n-Decane	43	4.154	4.158	-0.004	89	70108	0.2000	0.2054	
14 1,3-Dichlorobenzene	146	4.243	4.248	-0.005	96	81288	0.2000	0.2032	
* 15 1,4-Dichlorobenzene-d4	152	4.294	4.299	-0.005	97	2043029	8.00	8.00	
16 1,4-Dichlorobenzene	146	4.310	4.315	-0.005	92	77810	0.2000	0.1905	
17 Benzyl alcohol	108	4.419	4.430	-0.011	93	39033	0.2000	0.1743	
19 1,2-Dichlorobenzene	146	4.457	4.465	-0.008	96	74698	0.2000	0.1973	
20 2-Methylphenol	108	4.528	4.539	-0.011	89	63570	0.2000	0.1918	
21 2,2'-oxybis[1-chloropropane]	45	4.557	4.564	-0.007	97	93766	0.2000	0.2171	
24 N-Methylaniline	106	4.668	4.676	-0.008	95	98368	0.2000	0.1774	
26 Acetophenone	105	4.675	4.686	-0.011	96	104966	0.2000	0.2079	
25 N-Nitrosodi-n-propylamine	70	4.678	4.689	-0.011	85	50608	0.2000	0.2050	
23 3 & 4 Methylphenol	108	4.678	4.689	-0.011	0	71081	0.2000	0.1953	
22 4-Methylphenol	108	4.678	4.689	-0.011	75	71081	0.2000	0.1973	
27 Hexachloroethane	117	4.790	4.795	-0.005	91	28754	0.2000	0.1870	
$ 28 Nitrobenzene-d5	82	4.822	4.827	-0.005	85	4095210	10.0	10.2	
29 Nitrobenzene	123	4.838	4.846	-0.008	97	36399	0.2000	0.2132	
30 n,n'-Dimethylaniline	120	4.847	4.859	-0.012	92	105776	0.2000	0.1996	
31 Isophorone	82	5.071	5.083	-0.012	98	134785	0.2000	0.2003	
32 2-Nitrophenol	139	5.148	5.156	-0.008	95	26373	0.2000	0.1678	
33 2,4-Dimethylphenol	122	5.196	5.204	-0.008	92	57630	0.2000	0.1870	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Bis(2-chloroethoxy)methane	93	5.285	5.294	-0.009	95	87813	0.2000	0.2010	
36 2,4-Dichlorophenol	162	5.381	5.390	-0.009	97	46080	0.2000	0.1758	
37 1,2,4-Trichlorobenzene	180	5.468	5.477	-0.009	93	56511	0.2000	0.1968	
* 38 Naphthalene-d8	136	5.522	5.528	-0.006	99	8018300	8.00	8.00	e
39 Naphthalene	128	5.541	5.547	-0.006	98	213224	0.2000	0.2199	
40 4-Chloroaniline	127	5.589	5.598	-0.009	97	78437	0.2000	0.1906	
41 2,6-Dichlorophenol	162	5.599	5.608	-0.009	98	47915	0.2000	0.1902	
42 Hexachlorobutadiene	225	5.676	5.682	-0.006	93	28040	0.2000	0.1977	
44 Caprolactam	55	5.893	5.960	-0.067	90	16442	0.2000	0.1483	
45 4-Chloro-3-methylphenol	107	6.059	6.072	-0.013	97	45904	0.2000	0.1720	
46 2-Methylnaphthalene	142	6.206	6.216	-0.010	84	115896	0.2000	0.1972	
47 1-Methylnaphthalene	142	6.302	6.309	-0.007	92	121805	0.2000	0.2007	
48 Hexachlorocyclopentadiene	237	6.373	6.380	-0.007	81	29494	0.2000	0.1661	
49 1,2,4,5-Tetrachlorobenzene	216	6.373	6.380	-0.007	93	49629	0.2000	0.1908	
50 2-tertbutyl-4-methylphenol	149	6.408	6.415	-0.007	90	68105	0.2000	0.1863	
51 2,4,6-Trichlorophenol	196	6.478	6.485	-0.007	87	31472	0.2000	0.1885	
52 2,4,5-Trichlorophenol	196	6.510	6.517	-0.007	94	28948	0.2000	0.1637	
$ 53 2-Fluorobiphenyl	172	6.565	6.572	-0.007	97	7422539	10.0	10.0	e
54 1,1'-Biphenyl	154	6.658	6.665	-0.007	95	149680	0.2000	0.2027	
55 2-Chloronaphthalene	162	6.670	6.681	-0.011	97	113811	0.2000	0.1993	
56 Phenyl ether	170	6.757	6.767	-0.010	88	74962	0.2000	0.1922	
57 2-Nitroaniline	65	6.760	6.774	-0.014	96	30078	0.2000	0.1665	
58 1,3-Dimethylnaphthalene	156	6.885	6.892	-0.007	91	77954	0.2000	0.1929	
59 Dimethyl phthalate	163	6.949	6.960	-0.011	98	110854	0.2000	0.1912	
60 Coumarin	146	6.958	6.969	-0.011	79	39358	0.2000	0.1912	
61 2,6-Dinitrotoluene	165	6.997	7.008	-0.011	93	18907	0.2000	0.1620	
62 Acenaphthylene	152	7.064	7.075	-0.011	97	183530	0.2000	0.2087	
63 3-Nitroaniline	138	7.150	7.165	-0.015	94	20238	0.2000	0.1408	
* 64 Acenaphthene-d10	164	7.205	7.210	-0.006	96	3800654	8.00	8.00	
66 Acenaphthene	154	7.233	7.242	-0.009	97	112362	0.2000	0.1999	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.237	7.245	-0.008	98	67610	0.2000	0.1705	
67 2,4-Dinitrophenol	184	7.249	7.264	-0.015	88	7771	0.4000	0.4117	a
68 4-Nitrophenol	65	7.313	7.331	-0.018	92	24690	0.4000	0.2710	
69 2,4-Dinitrotoluene	165	7.377	7.389	-0.012	89	21953	0.2000	0.1517	
70 Dibenzofuran	168	7.397	7.405	-0.008	96	154516	0.2000	0.2073	
71 2,3,4,6-Tetrachlorophenol	232	7.518	7.524	-0.006	89	20517	0.2000	0.1667	
72 Diethyl phthalate	149	7.624	7.636	-0.012	98	108448	0.2000	0.1836	
73 n-Octadecane	57	7.659	7.668	-0.009	90	79518	0.2000	0.1795	
74 Fluorene	166	7.723	7.732	-0.009	94	120484	0.2000	0.1971	
75 4-Chlorophenyl phenyl ether	204	7.726	7.735	-0.009	84	50190	0.2000	0.1929	
76 4-Nitroaniline	138	7.726	7.745	-0.019	67	19148	0.2000	0.1426	
77 4,6-Dinitro-2-methylphenol	198	7.764	7.780	-0.016	79	14648	0.4000	0.5003	
78 N-Nitrosodiphenylamine	169	7.835	7.848	-0.013	72	78577	0.2000	0.1819	
131 Azobenzene	77	7.876	7.886	-0.010	97	130472	0.2000	0.1910	
79 1,2-Diphenylhydrazine	77	7.876	7.886	-0.010	50	130261	0.2000	0.1915	
$ 80 2,4,6-Tribromophenol	330	7.950	7.960	-0.010	94	979957	10.0	10.0	
83 4-Bromophenyl phenyl ether	248	8.190	8.197	-0.007	86	28385	0.2000	0.1920	
84 Hexachlorobenzene	284	8.254	8.261	-0.007	98	34113	0.2000	0.1908	
85 Atrazine	200	8.347	8.357	-0.010	89	21877	0.2000	0.1683	
86 Pentachlorophenol	266	8.433	8.444	-0.011	92	26610	0.4000	0.2603	
87 Pentachloronitrobenzene	237	8.453	8.463	-0.010	86	6636	0.2000	0.1580	
* 88 Phenanthrene-d10	188	8.613	8.617	-0.004	99	6223187	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.632	8.643	-0.011	96	163432	0.2000	0.2112	
90 Anthracene	178	8.680	8.691	-0.011	97	154699	0.2000	0.1968	
91 Carbazole	167	8.830	8.842	-0.012	96	135794	0.2000	0.1900	
92 Di-n-butyl phthalate	149	9.182	9.191	-0.009	99	132513	0.2000	0.1721	
93 Fluoranthene	202	9.761	9.768	-0.007	96	133463	0.2000	0.1919	
94 Benzidine	184	9.889	9.896	-0.007	99	34952	0.2000	0.2057	
95 Pyrene	202	9.972	9.983	-0.011	96	136568	0.2000	0.2015	
$ 97 Terphenyl-d14	244	10.136	10.140	-0.004	97	5930590	10.0	10.7	
98 Butyl benzyl phthalate	149	10.638	10.650	-0.012	96	32590	0.2000	0.2280	
100 Carbamazepine	193	10.741	10.752	-0.012	91	13388	0.2000	0.2775	M
101 3,3'-Dichlorobenzidine	252	11.230	11.240	-0.010	97	23051	0.2000	0.1397	
102 Benzo[a]anthracene	228	11.253	11.266	-0.013	99	107597	0.2000	0.1921	
* 103 Chrysene-d12	240	11.265	11.278	-0.013	98	3218988	8.00	8.00	
104 Chrysene	228	11.294	11.307	-0.013	98	102298	0.2000	0.2024	
105 Bis(2-ethylhexyl) phthalate	149	11.333	11.343	-0.010	88	45739	0.2000	0.1376	
106 Di-n-octyl phthalate	149	12.197	12.208	-0.011	97	54925	0.2000	0.2482	
107 Benzo[b]fluoranthene	252	12.674	12.692	-0.018	97	70369	0.2000	0.1788	
108 Benzo[k]fluoranthene	252	12.713	12.731	-0.018	97	82443	0.2000	0.1864	
109 Benzo[a]pyrene	252	13.135	13.151	-0.016	95	66753	0.2000	0.1802	
* 110 Perylene-d12	264	13.222	13.231	-0.009	97	2813204	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.795	14.822	-0.027	96	53776	0.2000	0.1712	
112 Dibenz(a,h)anthracene	278	14.840	14.864	-0.024	96	50774	0.2000	0.1567	
113 Benzo[g,h,i]perylene	276	15.234	15.262	-0.028	94	59611	0.2000	0.1831	
S 119 Total Cresols	1				0			0.3871	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

SV_BNAL2_LVI_00007 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2025 10:59:54 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351416.D

Injection Date: 25-Jul-2025 08:38:30 Instrument ID: CBNAMS17

Lims ID: STD02

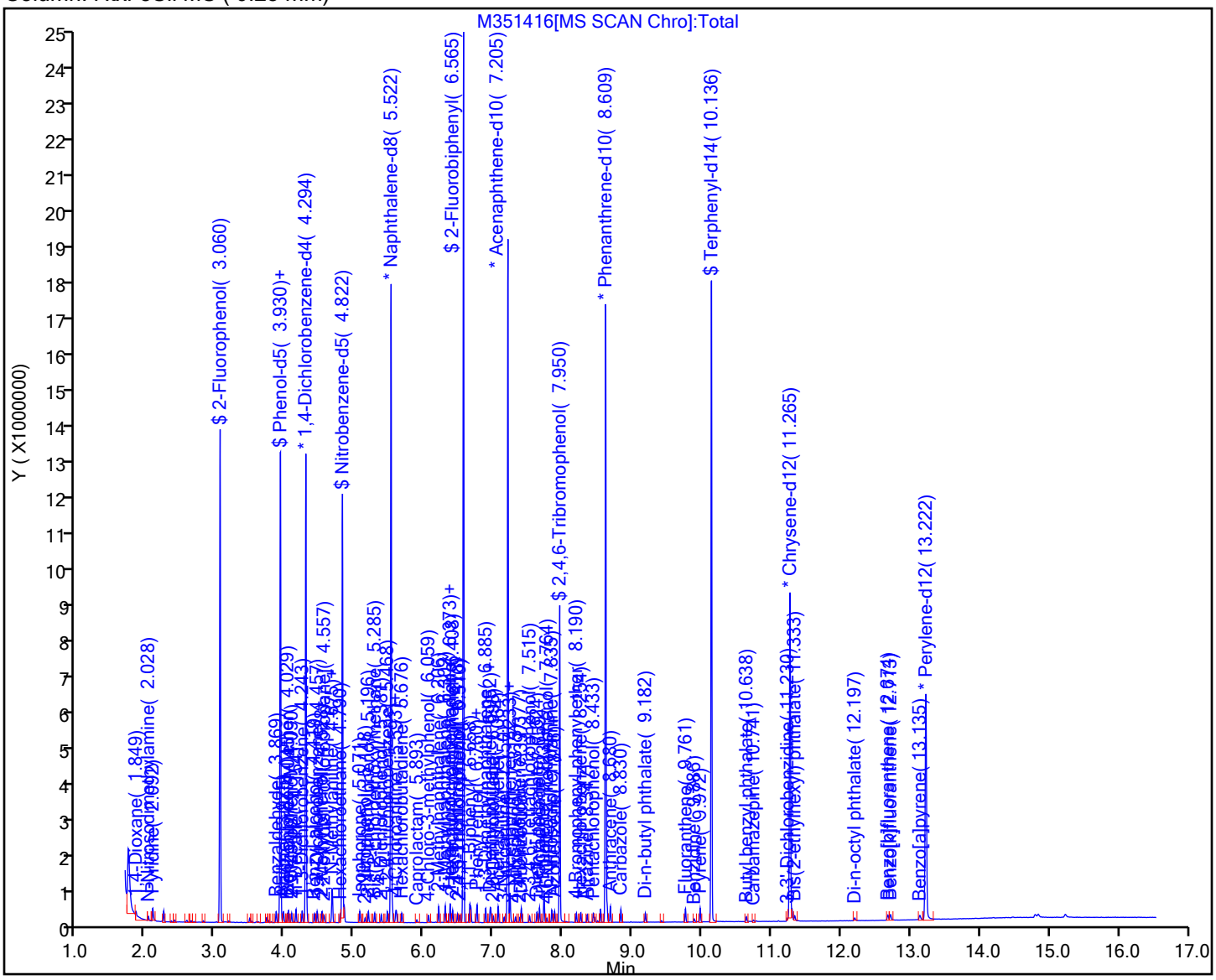
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

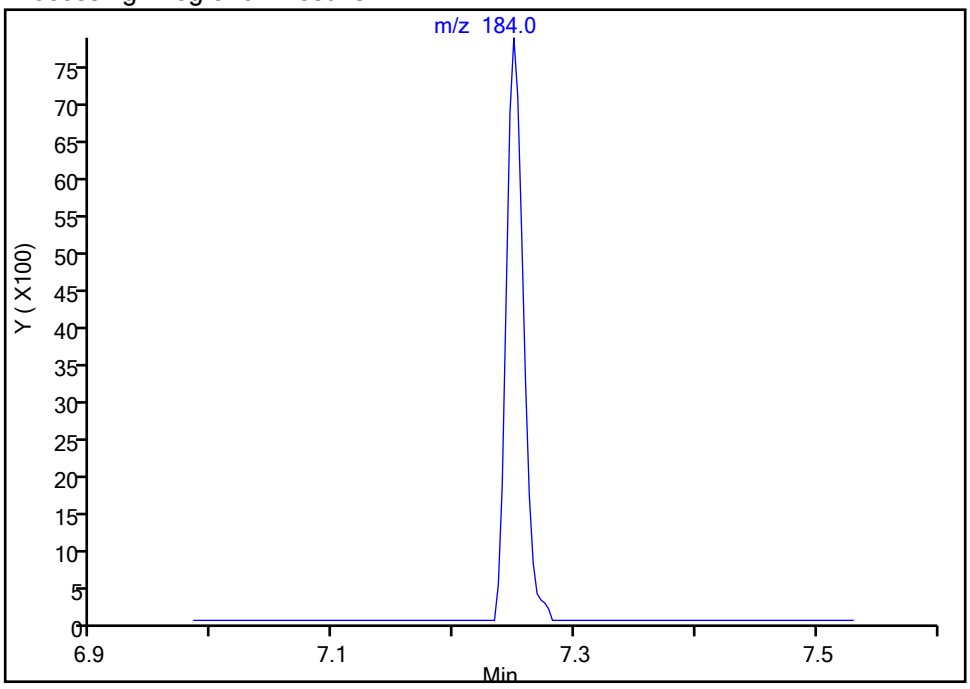
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351416.D
Injection Date: 25-Jul-2025 08:38:30 Instrument ID: CBNAMS17
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

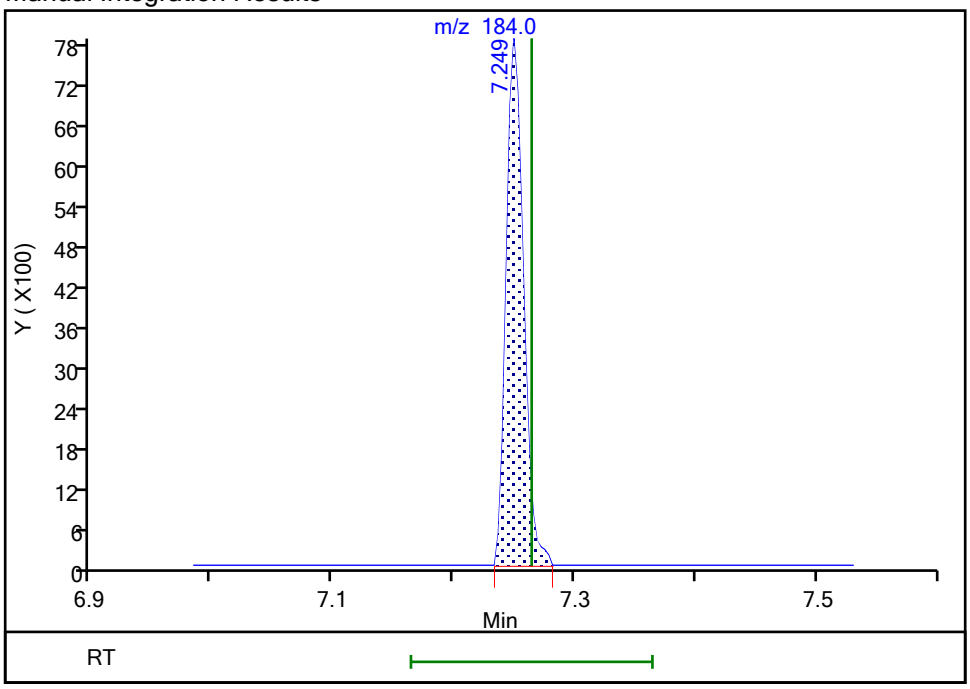
Not Detected
Expected RT: 7.26

Processing Integration Results



Manual Integration Results

RT: 7.25
Area: 7771
Amount: 0.411674
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 08:57:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

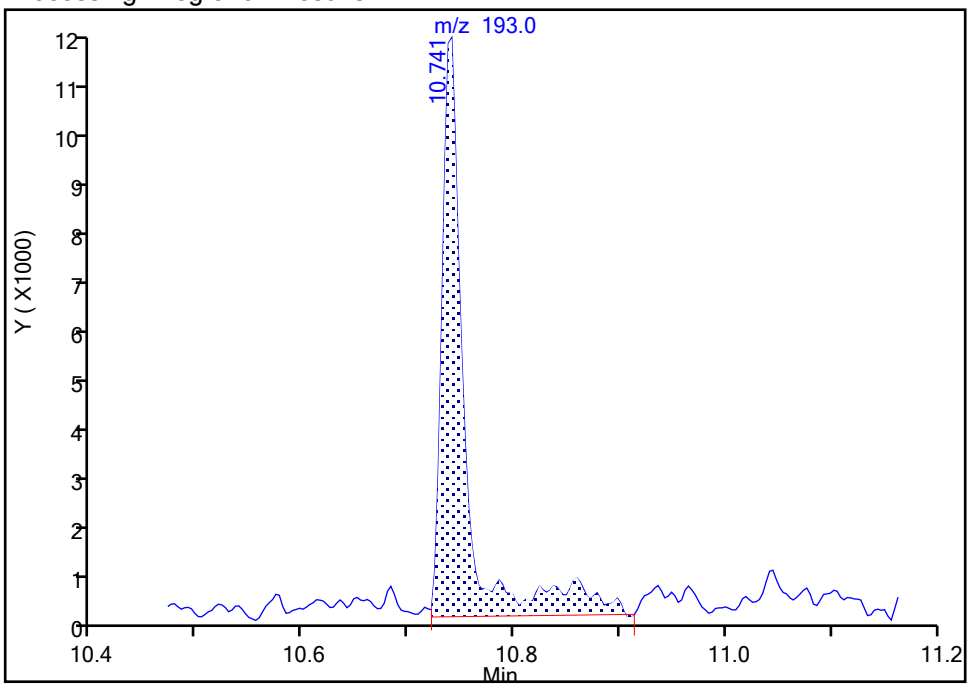
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351416.D
Injection Date: 25-Jul-2025 08:38:30 Instrument ID: CBNAMS17
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

100 Carbamazepine, CAS: 298-46-4

Signal: 1

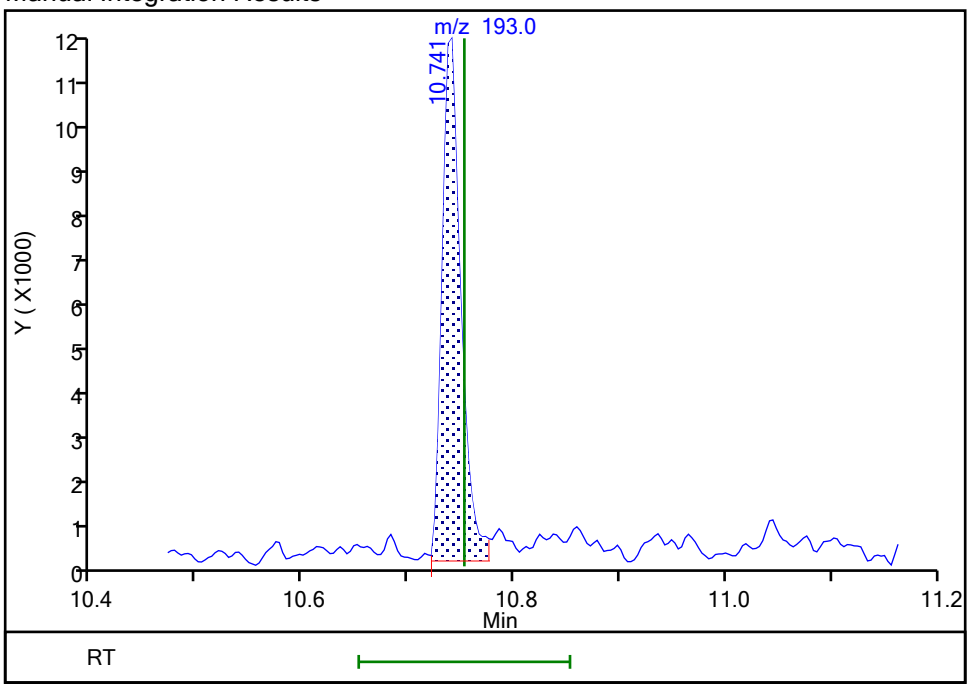
Processing Integration Results

RT: 10.74
Area: 16413
Amount: 0.562391
Amount Units: ug/ml



Manual Integration Results

RT: 10.74
Area: 13388
Amount: 0.277481
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 08:57:50 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Report Date: 25-Jul-2025 10:59:59 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351417.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 25-Jul-2025 08:59:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194057-010
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 25-Jul-2025 10:59:58 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: G4KC Date: 25-Jul-2025 09:18:22

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.853	1.840	0.013	92	15926	0.1000	0.0977	
	3 Pyridine	79	2.099	2.064	0.035	98	67386	0.2000	0.1827	
$	4 2-Fluorophenol	112	3.061	3.061	0.000	97	3948814	10.0	9.95	
$	6 Phenol-d5	99	3.927	3.937	-0.010	0	5128992	10.0	10.1	
	8 Aniline	93	3.975	3.979	-0.004	97	55430	0.1000	0.0947	
	9 Bis(2-chloroethyl)ether	93	4.029	4.040	-0.011	97	35813	0.1000	0.0950	
*	15 1,4-Dichlorobenzene-d4	152	4.294	4.299	-0.005	96	2059988	8.00	8.00	
	24 N-Methylaniline	106	4.668	4.676	-0.008	89	51169	0.1000	0.0915	
	25 N-Nitrosodi-n-propylamine	70	4.678	4.689	-0.011	84	24279	0.1000	0.0975	
	27 Hexachloroethane	117	4.790	4.795	-0.005	92	14787	0.1000	0.0954	
$	28 Nitrobenzene-d5	82	4.822	4.827	-0.005	90	4066850	10.0	10.2	
	29 Nitrobenzene	123	4.838	4.846	-0.008	96	16679	0.1000	0.0969	
	30 n,n'-Dimethylaniline	120	4.848	4.859	-0.011	92	52890	0.1000	0.0990	
	37 1,2,4-Trichlorobenzene	180	5.468	5.477	-0.009	93	25485	0.1000	0.0894	
*	38 Naphthalene-d8	136	5.522	5.528	-0.006	99	7958231	8.00	8.00	e
	39 Naphthalene	128	5.541	5.547	-0.006	97	99241	0.1000	0.1031	
	40 4-Chloroaniline	127	5.589	5.598	-0.009	96	35603	0.1000	0.0872	
	42 Hexachlorobutadiene	225	5.676	5.682	-0.006	94	13154	0.1000	0.0934	
$	53 2-Fluorobiphenyl	172	6.564	6.572	-0.008	97	7511007	10.0	10.2	e
	54 1,1'-Biphenyl	154	6.657	6.665	-0.008	95	72350	0.1000	0.0988	
*	64 Acenaphthene-d10	164	7.204	7.210	-0.006	96	3767477	8.00	8.00	
	67 2,4-Dinitrophenol	184	7.249	7.264	-0.015	81	2281	0.2000	0.3095	a
	79 1,2-Diphenylhydrazine	77	7.876	7.886	-0.010	50	62318	0.1000	0.0925	
$	80 2,4,6-Tribromophenol	330	7.949	7.960	-0.011	94	968179	10.0	9.97	
	84 Hexachlorobenzene	284	8.253	8.261	-0.008	97	16762	0.1000	0.0947	
*	88 Phenanthrene-d10	188	8.612	8.617	-0.005	99	6160227	8.00	8.00	
$	97 Terphenyl-d14	244	10.134	10.140	-0.006	97	5952342	10.0	10.8	
	102 Benzo[a]anthracene	228	11.254	11.266	-0.012	98	54525	0.1000	0.0911	
*	103 Chrysene-d12	240	11.264	11.278	-0.014	98	3199806	8.00	8.00	
	107 Benzo[b]fluoranthene	252	12.673	12.692	-0.019	97	31057	0.1000	0.0799	
	108 Benzo[k]fluoranthene	252	12.711	12.731	-0.020	96	40336	0.1000	0.0923	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
109 Benzo[a]pyrene	252	13.134	13.151	-0.017	94	30175	0.1000	0.0825	
* 110 Perylene-d12	264	13.220	13.231	-0.011	99	2779294	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.797	14.822	-0.025	97	23814	0.1000	0.0829	
112 Dibenz(a,h)anthracene	278	14.839	14.864	-0.025	95	24573	0.1000	0.0837	
113 Benzo[g,h,i]perylene	276	15.230	15.262	-0.032	95	26804	0.1000	0.0903	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

a - User Assigned ID

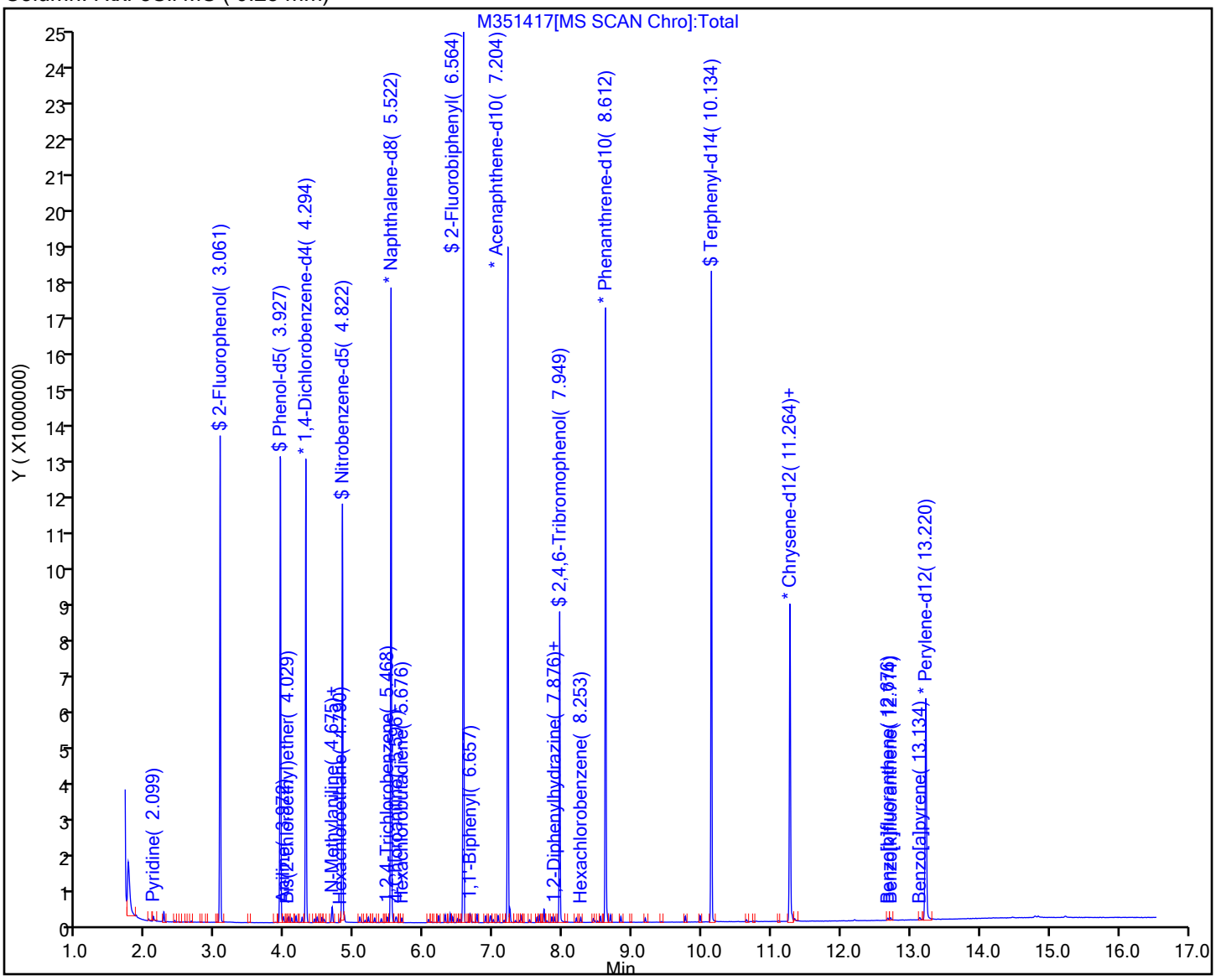
Reagents:

SV_BNAL1_LVI_00007 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2025 10:59:59 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351417.D
Injection Date: 25-Jul-2025 08:59:30 Instrument ID: CBNAMS17
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

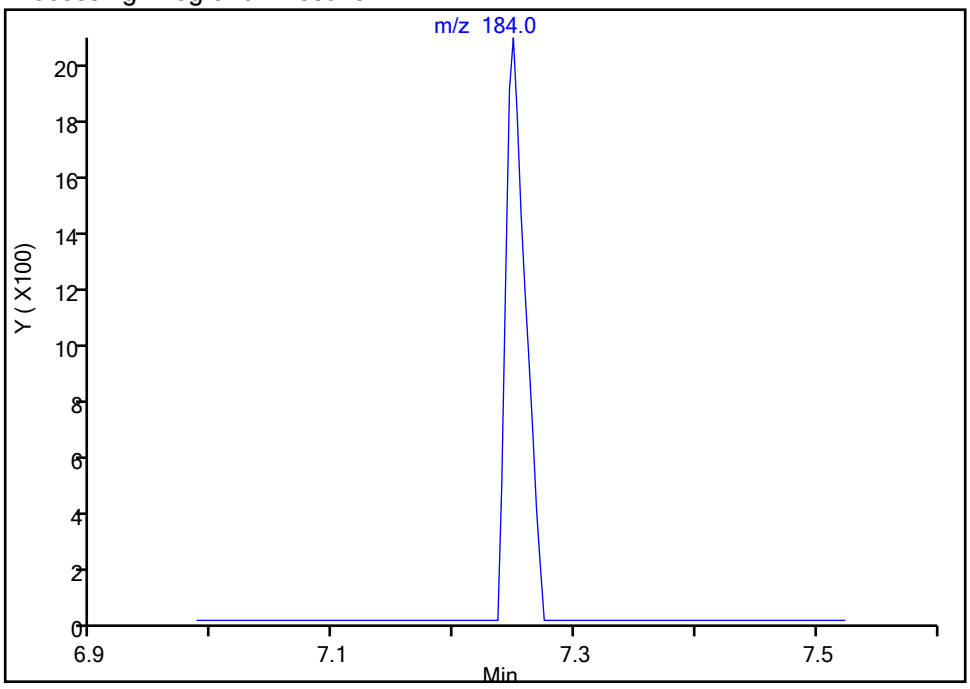
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351417.D
Injection Date: 25-Jul-2025 08:59:30 Instrument ID: CBNAMS17
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

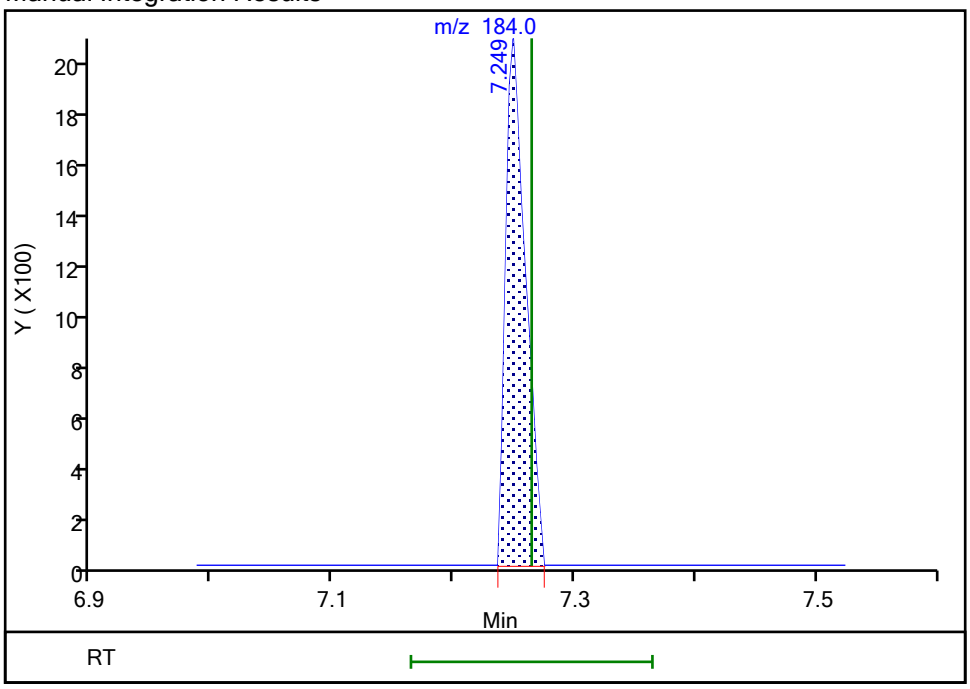
Not Detected
Expected RT: 7.26

Processing Integration Results



Manual Integration Results

RT: 7.25
Area: 2281
Amount: 0.309496
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 09:17:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351418.D
Lims ID: STD002
Client ID:
Sample Type: IC Calib Level: 10
Inject. Date: 25-Jul-2025 09:20:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194057-011
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 25-Jul-2025 11:00:01 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: G4KC Date: 25-Jul-2025 09:50:44

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.843	1.840	0.003	85	2658	0.0200	0.0190	Ma
	3 Pyridine	79	2.111	2.064	0.047	95	10669	0.0400	0.0337	
$	4 2-Fluorophenol	112	3.057	3.061	-0.004	97	3353570	10.0	9.86	
$	6 Phenol-d5	99	3.926	3.937	-0.011	0	4219005	10.0	9.72	
	8 Aniline	93	3.974	3.979	-0.005	98	9940	0.0200	0.0198	
	9 Bis(2-chloroethyl)ether	93	4.029	4.040	-0.011	93	6774	0.0200	0.0210	
	14 1,3-Dichlorobenzene	146	4.243	4.248	-0.005	95	7353	0.0200	0.0213	
*	15 1,4-Dichlorobenzene-d4	152	4.294	4.299	-0.005	97	1766241	8.00	8.00	
	16 1,4-Dichlorobenzene	146	4.310	4.315	-0.005	88	8616	0.0200	0.0244	
	19 1,2-Dichlorobenzene	146	4.457	4.465	-0.008	94	6859	0.0200	0.0210	
	24 N-Methylaniline	106	4.668	4.676	-0.008	97	9969	0.0200	0.0208	
	25 N-Nitrosodi-n-propylamine	70	4.678	4.689	-0.011	87	4717	0.0200	0.0221	
	27 Hexachloroethane	117	4.786	4.795	-0.009	84	3256	0.0200	0.0245	
$	28 Nitrobenzene-d5	82	4.822	4.827	-0.005	87	3383460	10.0	9.66	
	29 Nitrobenzene	123	4.837	4.846	-0.009	81	2791	0.0200	0.0189	a
	30 n,n'-Dimethylaniline	120	4.847	4.859	-0.012	86	8633	0.0200	0.0188	
	31 Isophorone	82	5.071	5.083	-0.012	99	10886	0.0200	0.0185	
	37 1,2,4-Trichlorobenzene	180	5.470	5.477	-0.007	92	5763	0.0200	0.0230	
*	38 Naphthalene-d8	136	5.522	5.528	-0.006	99	7008322	8.00	8.00	
	39 Naphthalene	128	5.541	5.547	-0.006	97	18818	0.0200	0.0222	
	40 4-Chloroaniline	127	5.589	5.598	-0.009	94	7034	0.0200	0.0196	
	42 Hexachlorobutadiene	225	5.678	5.682	-0.004	90	2767	0.0200	0.0223	
	46 2-Methylnaphthalene	142	6.209	6.216	-0.007	90	11570	0.0200	0.0225	
	47 1-Methylnaphthalene	142	6.301	6.309	-0.008	95	11876	0.0200	0.0224	
	50 2-tertbutyl-4-methylphenol	149	6.407	6.415	-0.008	92	6434	0.0200	0.0201	
	51 2,4,6-Trichlorophenol	196	6.477	6.485	-0.008	87	2409	0.0200	0.0168	
$	53 2-Fluorobiphenyl	172	6.564	6.572	-0.008	97	6373622	10.0	9.99	
	54 1,1'-Biphenyl	154	6.656	6.665	-0.009	93	14736	0.0200	0.0232	
	61 2,6-Dinitrotoluene	165	6.995	7.008	-0.013	86	1732	0.0200	0.0173	
*	64 Acenaphthene-d10	164	7.203	7.210	-0.007	97	3269200	8.00	8.00	
	69 2,4-Dinitrotoluene	165	7.376	7.389	-0.013	49	1868	0.0200	0.0150	a

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
79 1,2-Diphenylhydrazine	77	7.874	7.886	-0.012	50	12426	0.0200	0.0209	
$ 80 2,4,6-Tribromophenol	330	7.951	7.960	-0.009	93	803426	10.0	9.54	
84 Hexachlorobenzene	284	8.252	8.261	-0.009	93	3372	0.0200	0.0216	
85 Atrazine	200	8.345	8.357	-0.012	86	2251	0.0200	0.0199	
* 88 Phenanthrene-d10	188	8.610	8.617	-0.007	99	5426996	8.00	8.00	
95 Pyrene	202	9.973	9.983	-0.011	95	12820	0.0200	0.0211	
$ 97 Terphenyl-d14	244	10.132	10.140	-0.008	98	4771570	10.0	9.57	
101 3,3'-Dichlorobenzidine	252	11.230	11.240	-0.010	8	2079	0.0200	0.0296	
102 Benzo[a]anthracene	228	11.256	11.266	-0.010	47	16099	0.0200	0.0205	
* 103 Chrysene-d12	240	11.265	11.278	-0.013	98	2884720	8.00	8.00	
104 Chrysene	228	11.294	11.307	-0.013	94	9218	0.0200	0.0204	
105 Bis(2-ethylhexyl) phthalate	149	11.333	11.343	-0.010	87	4332	0.0200	0.0300	a
107 Benzo[b]fluoranthene	252	12.674	12.692	-0.018	97	7182	0.0200	0.0199	
108 Benzo[k]fluoranthene	252	12.712	12.731	-0.019	93	7580	0.0200	0.0187	
109 Benzo[a]pyrene	252	13.132	13.151	-0.019	92	5921	0.0200	0.0174	
* 110 Perylene-d12	264	13.221	13.231	-0.010	99	2581349	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.798	14.822	-0.024	89	5500	0.0200	0.0289	M
112 Dibenz(a,h)anthracene	278	14.843	14.864	-0.021	92	5329	0.0200	0.0298	Ma
113 Benzo[g,h,i]perylene	276	15.234	15.262	-0.028	86	4160	0.0200	0.0256	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

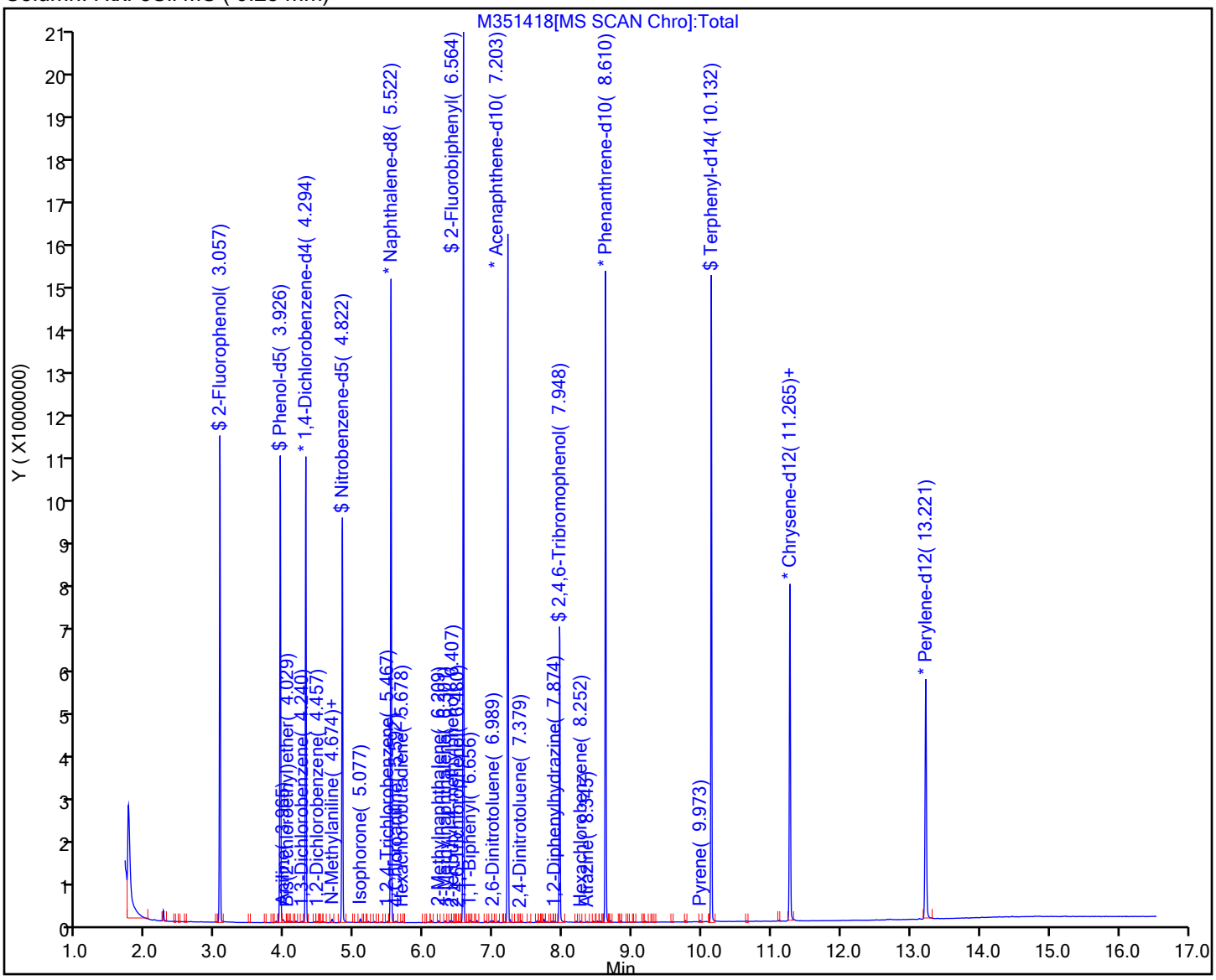
Reagents:

8270_3511_L1_00001 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2025 11:00:03 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351418.D
Injection Date: 25-Jul-2025 09:20:30 Instrument ID: CBNAMS17
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

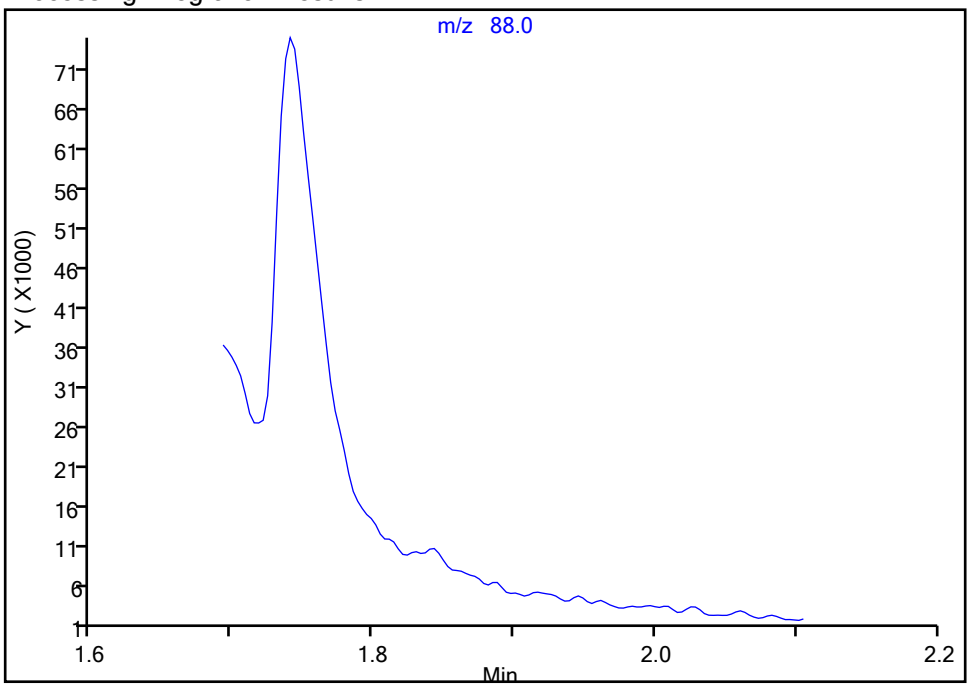
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351418.D
Injection Date: 25-Jul-2025 09:20:30 Instrument ID: CBNAMS17
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

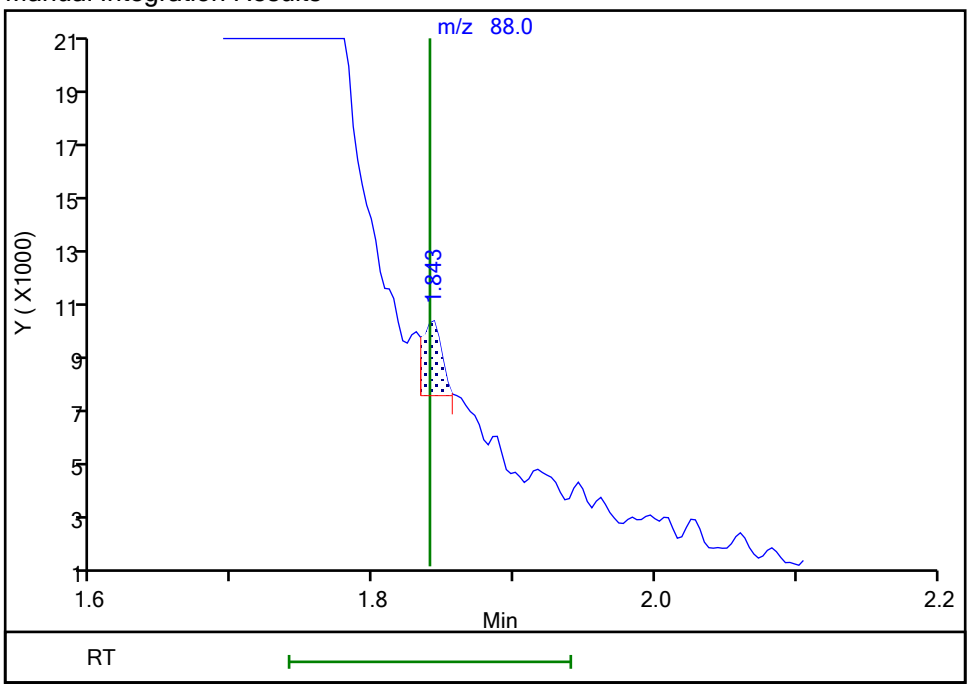
Not Detected
Expected RT: 1.84

Processing Integration Results



Manual Integration Results

RT: 1.84
Area: 2658
Amount: 0.019013
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 09:49:29 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

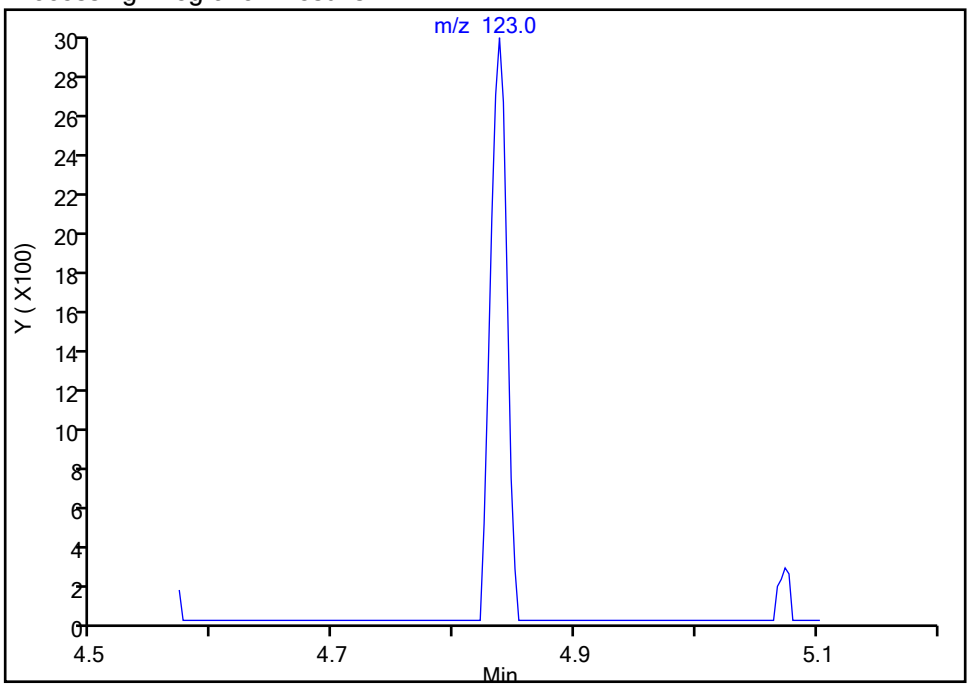
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351418.D
Injection Date: 25-Jul-2025 09:20:30 Instrument ID: CBNAMS17
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

29 Nitrobenzene, CAS: 98-95-3

Signal: 1

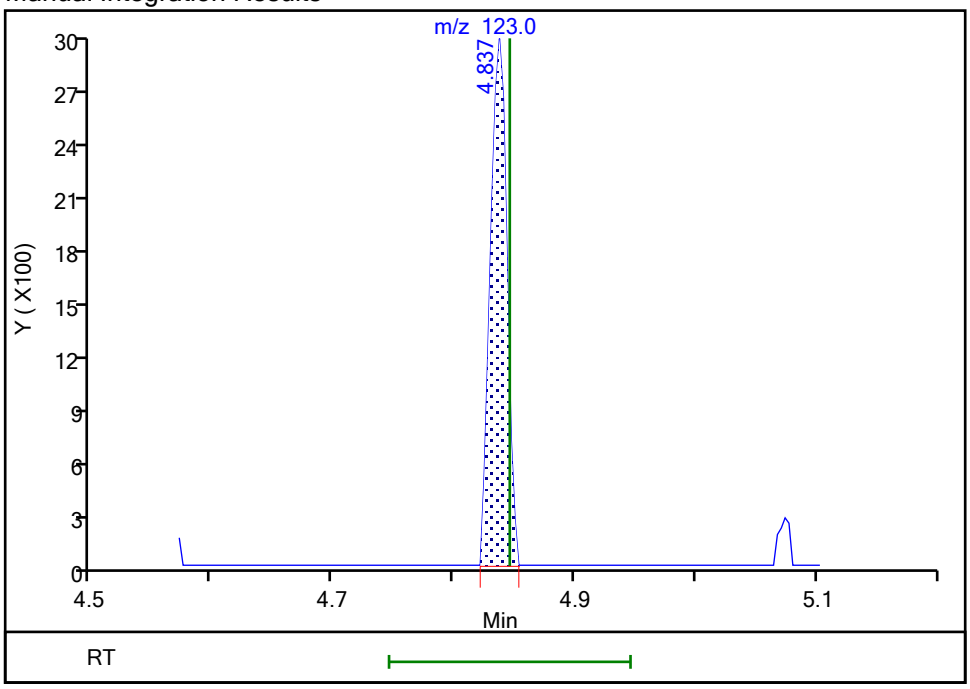
Not Detected
Expected RT: 4.85

Processing Integration Results



Manual Integration Results

RT: 4.84
Area: 2791
Amount: 0.018905
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 09:49:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

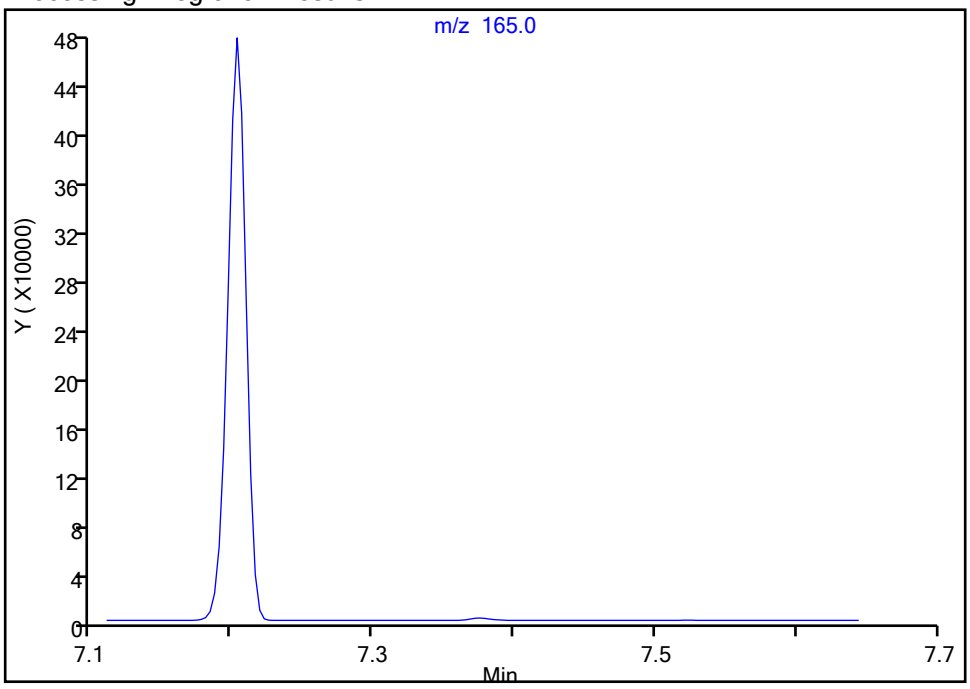
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351418.D
Injection Date: 25-Jul-2025 09:20:30 Instrument ID: CBNAMS17
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

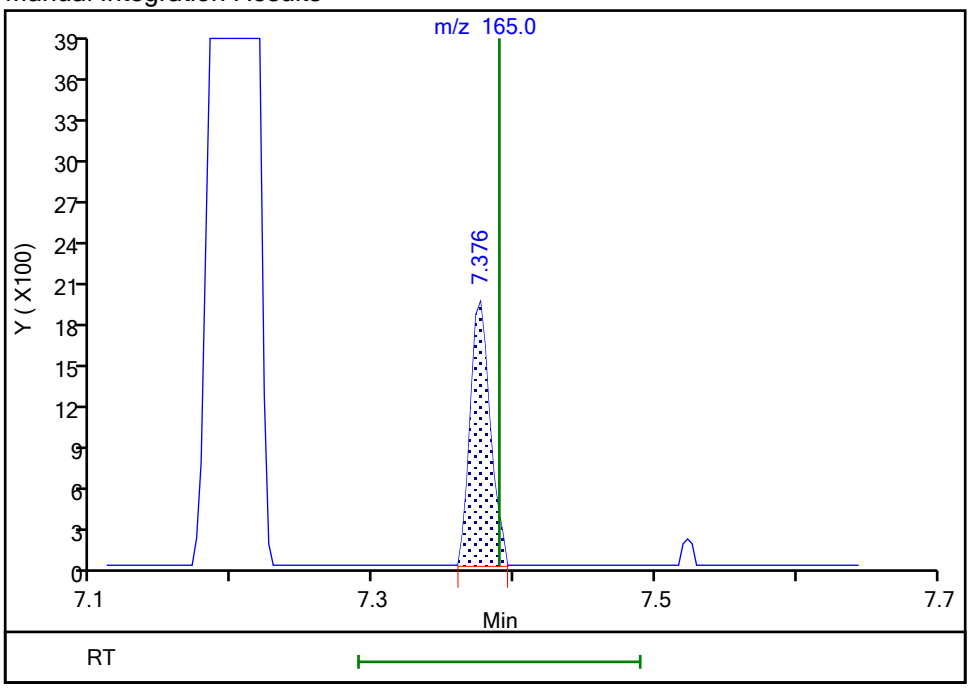
Not Detected
Expected RT: 7.39

Processing Integration Results



Manual Integration Results

RT: 7.38
Area: 1868
Amount: 0.015006
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 09:49:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

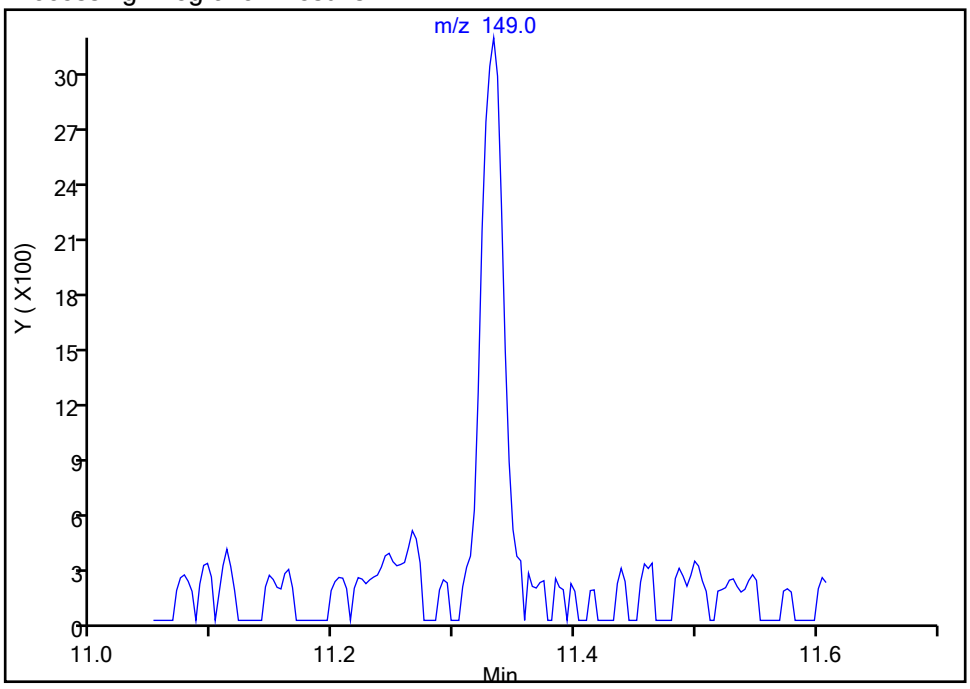
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351418.D
Injection Date: 25-Jul-2025 09:20:30 Instrument ID: CBNAMS17
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

105 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Signal: 1

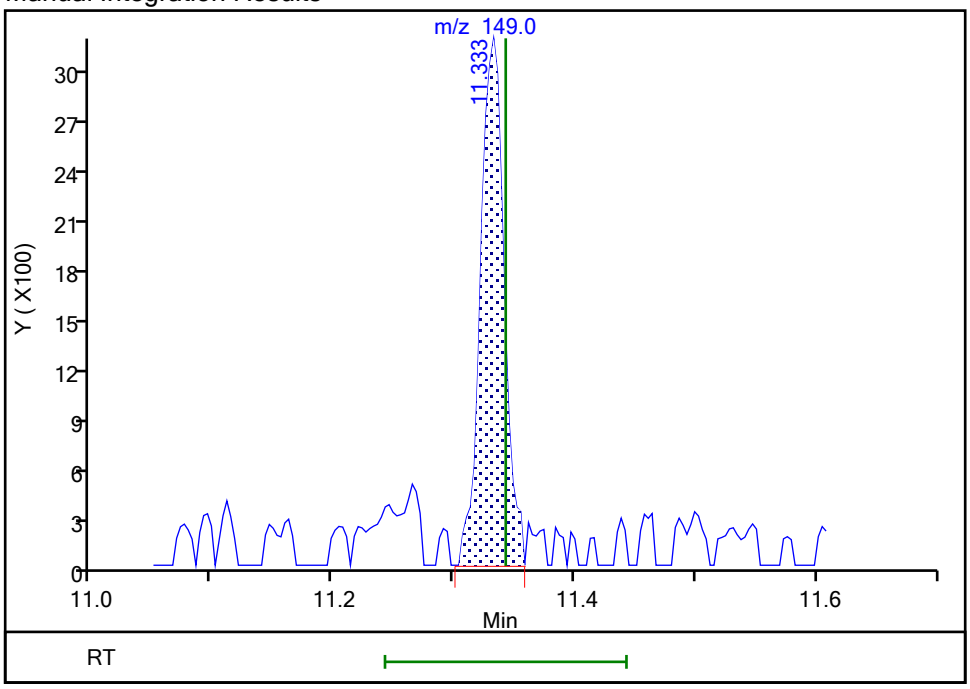
Not Detected
Expected RT: 11.34

Processing Integration Results



Manual Integration Results

RT: 11.33
Area: 4332
Amount: 0.029963
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 09:49:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

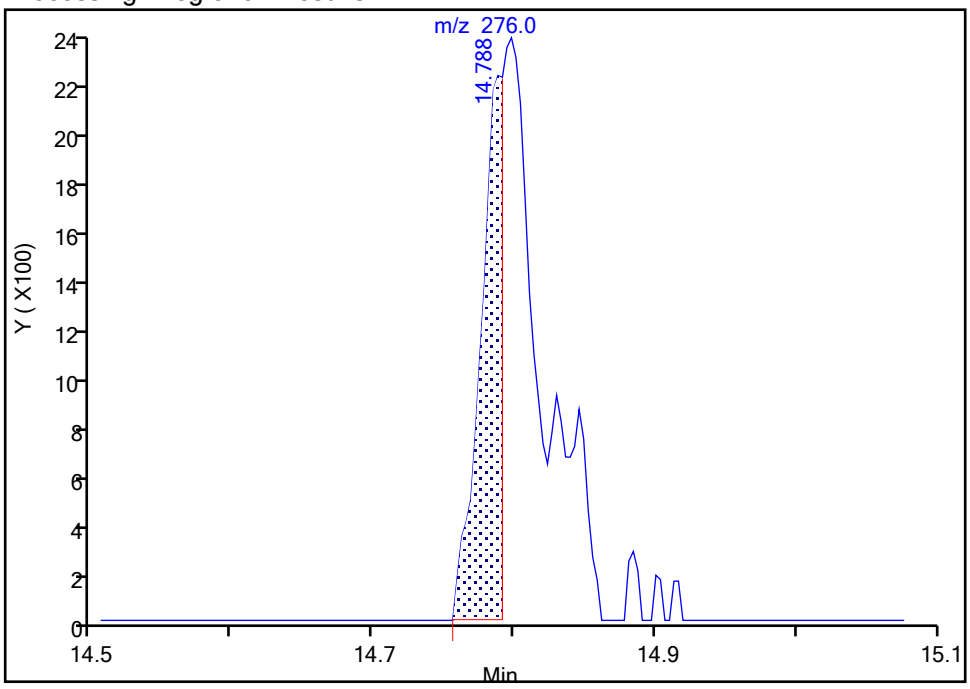
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351418.D
Injection Date: 25-Jul-2025 09:20:30 Instrument ID: CBNAMS17
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

111 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

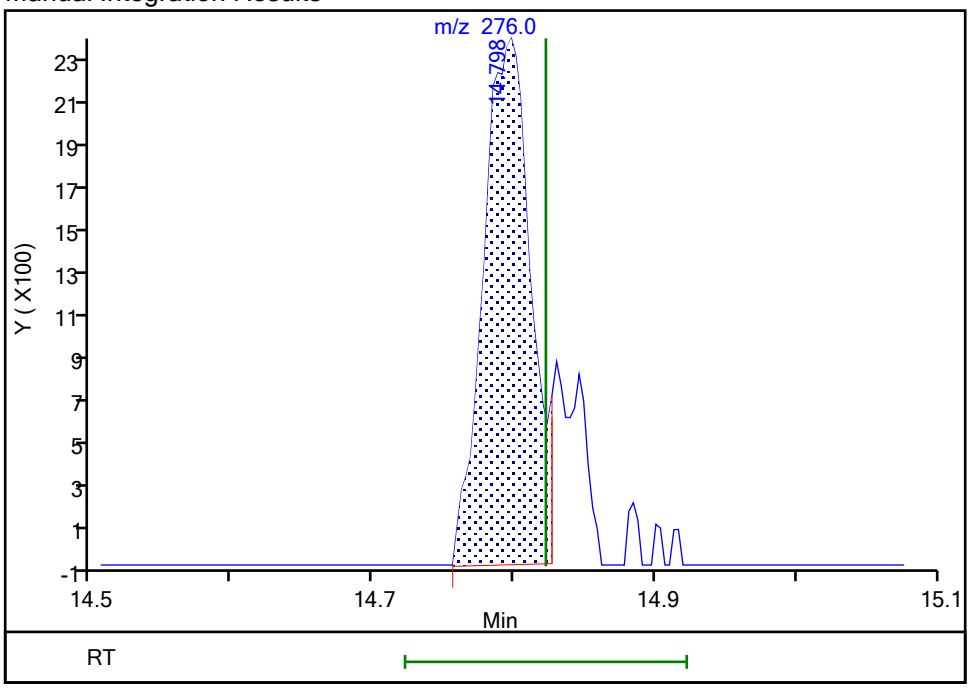
Processing Integration Results

RT: 14.79
Area: 2446
Amount: 0.179658
Amount Units: ug/ml



Manual Integration Results

RT: 14.80
Area: 5500
Amount: 0.028872
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 09:50:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

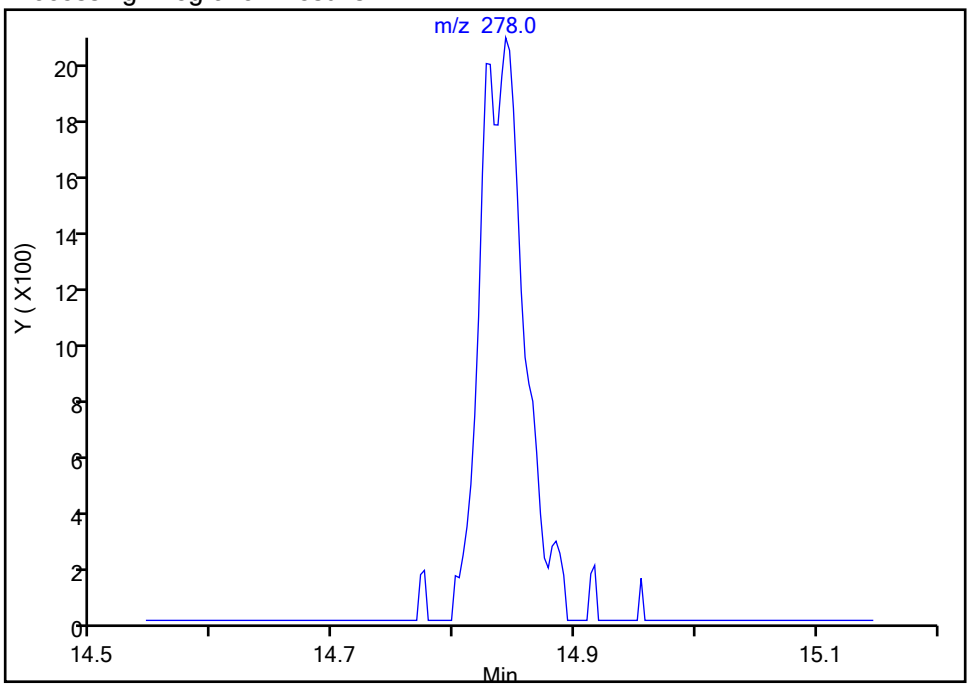
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351418.D
Injection Date: 25-Jul-2025 09:20:30 Instrument ID: CBNAMS17
Lims ID: STD002
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

112 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

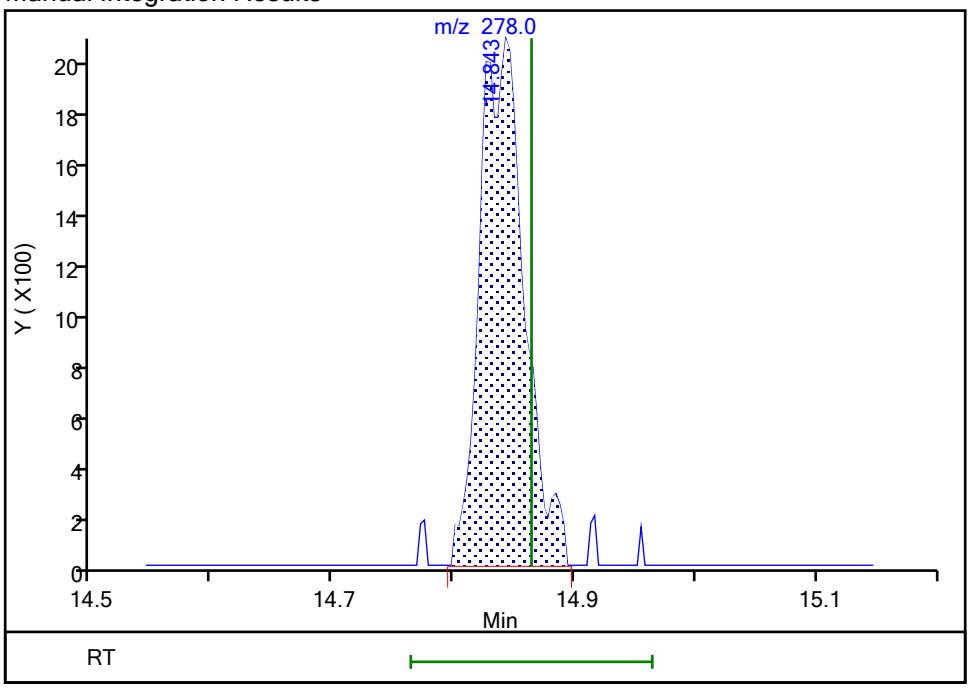
Not Detected
Expected RT: 14.86

Processing Integration Results



Manual Integration Results

RT: 14.84
Area: 5329
Amount: 0.029818
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 09:49:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 25-Jul-2025 10:17:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194057-013
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 25-Jul-2025 11:00:07 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: G4KC Date: 25-Jul-2025 10:39:58

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.830	1.830	0.000	92	1325473	10.0	10.1	
	2 N-Nitrosodimethylamine	74	2.009	2.009	0.000	99	2084588	10.0	10.2	
	3 Pyridine	79	2.057	2.057	0.000	97	7138609	20.0	24.1	
$	4 2-Fluorophenol	112	3.058	3.058	0.000	97	2906233	10.0	9.14	
	5 Benzaldehyde	77	3.870	3.870	0.000	98	351400	4.00	1.36	
$	6 Phenol-d5	99	3.934	3.934	0.000	0	3673030	10.0	9.05	
	7 Phenol	94	3.946	3.946	0.000	97	3799032	10.0	10.0	
	8 Aniline	93	3.978	3.978	0.000	97	4809174	10.0	10.2	
	9 Bis(2-chloroethyl)ether	93	4.036	4.036	0.000	97	2953260	10.0	9.78	
	10 Benzonitrile	103	4.052	4.052	0.000	98	5944878	NC	NC	
	11 2-Chlorophenol	128	4.094	4.094	0.000	97	2904810	10.0	9.95	
	13 n-Decane	43	4.154	4.154	0.000	88	2662437	10.0	9.65	
	14 1,3-Dichlorobenzene	146	4.244	4.244	0.000	96	3177525	10.0	9.83	
*	15 1,4-Dichlorobenzene-d4	152	4.298	4.298	0.000	95	1650979	8.00	8.00	
	16 1,4-Dichlorobenzene	146	4.314	4.314	0.000	95	3168688	10.0	9.60	
	17 Benzyl alcohol	108	4.426	4.426	0.000	95	1819643	10.0	10.1	
	19 1,2-Dichlorobenzene	146	4.462	4.462	0.000	96	2974406	10.0	9.72	
	20 2-Methylphenol	108	4.535	4.535	0.000	91	2673648	10.0	9.98	
	21 2,2'-oxybis[1-chloropropane]	45	4.561	4.561	0.000	96	3306246	10.0	9.47	
	24 N-Methylaniline	106	4.676	4.676	0.000	93	4622803	10.0	10.3	
	26 Acetophenone	105	4.682	4.682	0.000	91	3998625	10.0	9.80	
	25 N-Nitrosodi-n-propylamine	70	4.686	4.686	0.000	83	1894089	10.0	9.49	
	23 3 & 4 Methylphenol	108	4.686	4.686	0.000	0	2951020	10.0	10.0	
	22 4-Methylphenol	108	4.686	4.686	0.000	91	2925903	10.0	10.0	
	27 Hexachloroethane	117	4.791	4.791	0.000	94	1203131	10.0	9.68	
$	28 Nitrobenzene-d5	82	4.826	4.826	0.000	84	2854708	10.0	9.10	
	29 Nitrobenzene	123	4.846	4.846	0.000	98	1365376	10.0	9.89	
	30 n,n'-Dimethylaniline	120	4.855	4.855	0.000	96	4476189	10.0	10.5	
	31 Isophorone	82	5.079	5.079	0.000	98	5328497	10.0	10.1	
	32 2-Nitrophenol	139	5.153	5.153	0.000	96	1291281	10.0	10.5	
	33 2,4-Dimethylphenol	122	5.204	5.204	0.000	92	2438554	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Bis(2-chloroethoxy)methane	93	5.290	5.290	0.000	98	3387737	10.0	9.91	
34 Benzoic acid	122	5.300	5.300	0.000	86	1289033	10.0	9.77	
36 2,4-Dichlorophenol	162	5.390	5.390	0.000	97	2121532	10.0	10.3	
37 1,2,4-Trichlorobenzene	180	5.473	5.473	0.000	95	2210248	10.0	9.84	
* 38 Naphthalene-d8	136	5.524	5.524	0.000	99	6276115	8.00	8.00	
39 Naphthalene	128	5.543	5.543	0.000	99	8221175	10.0	10.8	e
40 4-Chloroaniline	127	5.595	5.595	0.000	98	3346625	10.0	10.4	
41 2,6-Dichlorophenol	162	5.607	5.607	0.000	98	1959778	10.0	9.94	
42 Hexachlorobutadiene	225	5.681	5.681	0.000	94	1115033	10.0	10.0	
44 Caprolactam	55	5.921	5.921	0.000	92	396337	4.00	4.57	
45 4-Chloro-3-methylphenol	107	6.068	6.068	0.000	97	2160709	10.0	10.3	
46 2-Methylnaphthalene	142	6.212	6.212	0.000	85	4635094	10.0	10.1	
47 1-Methylnaphthalene	142	6.305	6.305	0.000	92	4782992	10.0	10.1	
48 Hexachlorocyclopentadiene	237	6.379	6.379	0.000	88	1411085	10.0	10.5	
49 1,2,4,5-Tetrachlorobenzene	216	6.379	6.379	0.000	95	1962336	10.0	10.0	
50 2-tertbutyl-4-methylphenol	149	6.414	6.414	0.000	90	2915765	10.0	10.2	
51 2,4,6-Trichlorophenol	196	6.485	6.485	0.000	88	1311110	10.0	10.4	
52 2,4,5-Trichlorophenol	196	6.514	6.514	0.000	96	1381433	10.0	10.3	
$ 53 2-Fluorobiphenyl	172	6.568	6.568	0.000	97	5074216	10.0	9.06	
54 1,1'-Biphenyl	154	6.661	6.661	0.000	96	5848577	10.0	10.5	
55 2-Chloronaphthalene	162	6.677	6.677	0.000	97	4401359	10.0	10.2	
56 Phenyl ether	170	6.764	6.764	0.000	89	2981332	10.0	10.1	
57 2-Nitroaniline	65	6.770	6.770	0.000	97	1420472	10.0	10.4	
58 1,3-Dimethylnaphthalene	156	6.889	6.889	0.000	91	3034411	10.0	9.95	
59 Dimethyl phthalate	163	6.956	6.956	0.000	99	4500338	10.0	10.3	
60 Coumarin	146	6.965	6.965	0.000	81	1667532	10.0	10.4	
61 2,6-Dinitrotoluene	165	7.004	7.004	0.000	97	948388	10.0	10.8	
62 Acenaphthylene	152	7.071	7.071	0.000	97	7392979	10.0	11.1	
63 3-Nitroaniline	138	7.161	7.161	0.000	97	1175239	10.0	10.8	
* 64 Acenaphthene-d10	164	7.209	7.209	0.000	96	2869475	8.00	8.00	
66 Acenaphthene	154	7.238	7.238	0.000	96	4210647	10.0	9.92	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.241	7.241	0.000	97	3145904	10.0	10.5	
67 2,4-Dinitrophenol	184	7.260	7.260	0.000	96	942859	20.0	20.8	a
68 4-Nitrophenol	65	7.328	7.328	0.000	88	1513619	20.0	22.0	
69 2,4-Dinitrotoluene	165	7.385	7.385	0.000	95	1209156	10.0	11.1	
70 Dibenzofuran	168	7.405	7.405	0.000	97	5933037	10.0	10.5	
71 2,3,4,6-Tetrachlorophenol	232	7.523	7.523	0.000	91	947613	10.0	10.2	
72 Diethyl phthalate	149	7.635	7.635	0.000	98	4529871	10.0	10.2	
73 n-Octadecane	57	7.664	7.664	0.000	89	3183146	10.0	9.87	
74 Fluorene	166	7.728	7.728	0.000	94	4781070	10.0	10.4	
75 4-Chlorophenyl phenyl ether	204	7.732	7.732	0.000	85	1973181	10.0	10.0	
76 4-Nitroaniline	138	7.741	7.741	0.000	93	1135901	10.0	11.2	
77 4,6-Dinitro-2-methylphenol	198	7.776	7.776	0.000	85	1243566	20.0	20.2	
78 N-Nitrosodiphenylamine	169	7.844	7.844	0.000	83	3223837	10.0	10.3	
131 Azobenzene	77	7.882	7.882	0.000	96	5187644	10.0	10.4	
79 1,2-Diphenylhydrazine	77	7.882	7.882	0.000	50	5187411	10.0	10.5	
$ 80 2,4,6-Tribromophenol	330	7.956	7.956	0.000	93	699409	10.0	9.46	
83 4-Bromophenyl phenyl ether	248	8.193	8.193	0.000	86	1079989	10.0	10.0	
84 Hexachlorobenzene	284	8.261	8.261	0.000	99	1316347	10.0	10.1	
85 Atrazine	200	8.354	8.354	0.000	90	405934	4.00	4.29	
86 Pentachlorophenol	266	8.443	8.443	0.000	94	1652000	20.0	22.2	
87 Pentachloronitrobenzene	237	8.459	8.459	0.000	88	322510	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.617	8.617	0.000	99	4531196	8.00	8.00	
89 Phenanthrene	178	8.639	8.639	0.000	98	6019036	10.0	10.7	
90 Anthracene	178	8.687	8.687	0.000	98	6264176	10.0	10.9	
91 Carbazole	167	8.838	8.838	0.000	96	5653838	10.0	10.9	
92 Di-n-butyl phthalate	149	9.187	9.187	0.000	99	6497392	10.0	11.6	
93 Fluoranthene	202	9.767	9.767	0.000	96	5496417	10.0	10.9	
94 Benzidine	184	9.892	9.892	0.000	100	2530518	10.0	9.24	
95 Pyrene	202	9.978	9.978	0.000	96	5628627	10.0	9.93	
96 Bisphenol-A	213	10.033	10.033	0.000	97	1556020	10.0	9.40	M
$ 97 Terphenyl-d14	244	10.136	10.136	0.000	98	3973547	10.0	8.54	
98 Butyl benzyl phthalate	149	10.646	10.646	0.000	97	2325995	10.0	9.73	
99 2,3,7,8-TCDD	320	10.739	10.739	0.000	92	6538	0.1000	0.1000	
100 Carbamazepine	193	10.748	10.748	0.000	94	1684529	10.0	10.6	M
101 3,3'-Dichlorobenzidine	252	11.239	11.239	0.000	99	1719325	10.0	10.0	
102 Benzo[a]anthracene	228	11.261	11.261	0.000	99	4393715	10.0	10.0	
* 103 Chrysene-d12	240	11.271	11.271	0.000	98	2691452	8.00	8.00	
104 Chrysene	228	11.303	11.303	0.000	97	4185678	10.0	9.91	
105 Bis(2-ethylhexyl) phthalate	149	11.339	11.339	0.000	86	3486700	10.0	9.85	
106 Di-n-octyl phthalate	149	12.204	12.204	0.000	96	5160965	10.0	9.57	
107 Benzo[b]fluoranthene	252	12.685	12.685	0.000	97	3715039	10.0	10.2	
108 Benzo[k]fluoranthene	252	12.724	12.724	0.000	98	4193553	10.0	10.3	
109 Benzo[a]pyrene	252	13.147	13.147	0.000	97	3643486	10.0	10.7	
* 110 Perylene-d12	264	13.227	13.227	0.000	97	2594977	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.815	14.815	0.000	97	3529804	10.0	9.97	
112 Dibenz(a,h)anthracene	278	14.856	14.856	0.000	96	3580945	10.0	9.92	
113 Benzo[g,h,i]perylene	276	15.254	15.254	0.000	97	3516014	10.0	9.88	

QC Flag Legend

Processing Flags

NC - Not Calibrated

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

a - User Assigned ID

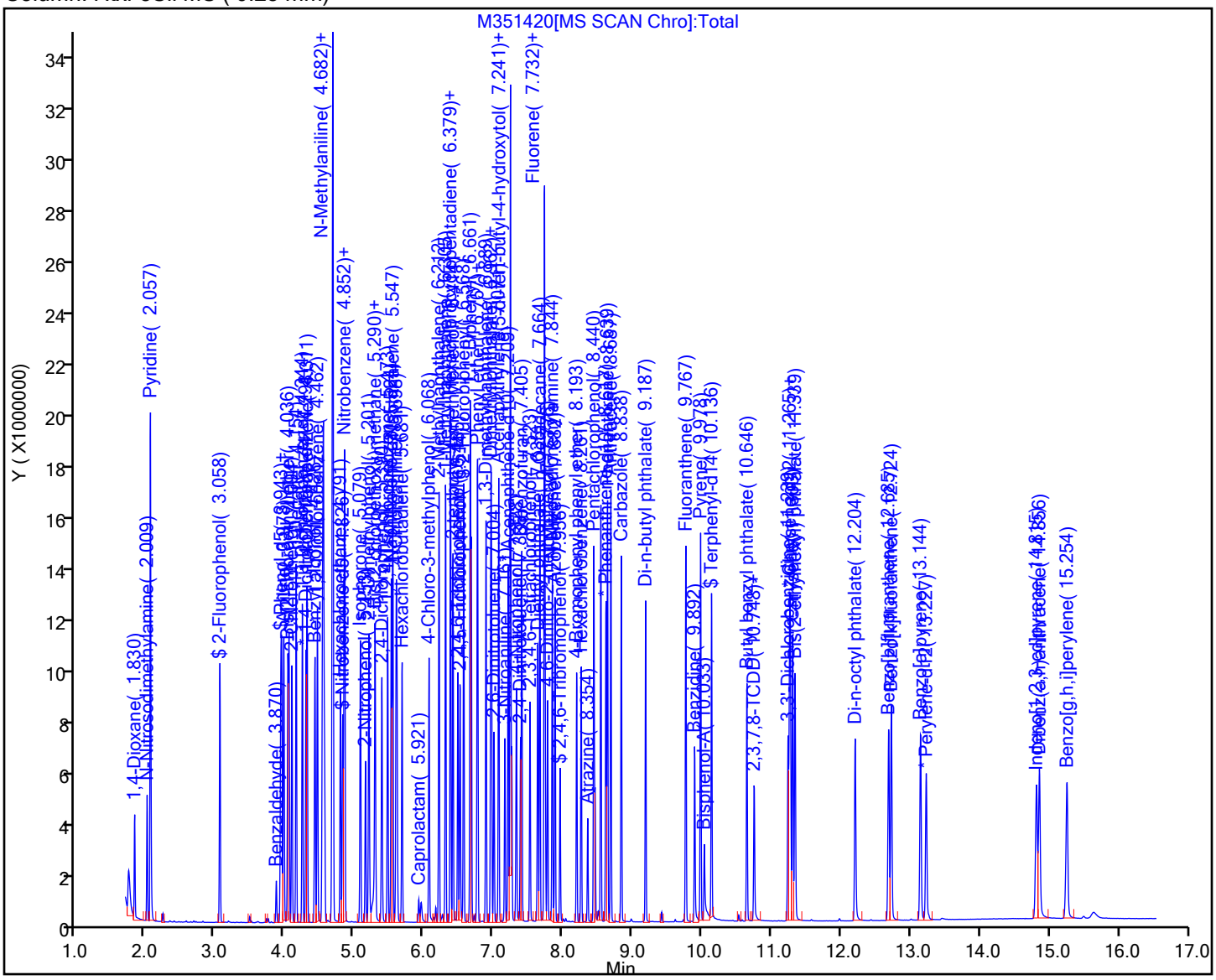
Reagents:

SV_BNAL7_LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2025 11:00:09 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D
Injection Date: 25-Jul-2025 10:17:30 Instrument ID: CBNAMS17
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm)



Resolution Report

Eurofins Edison

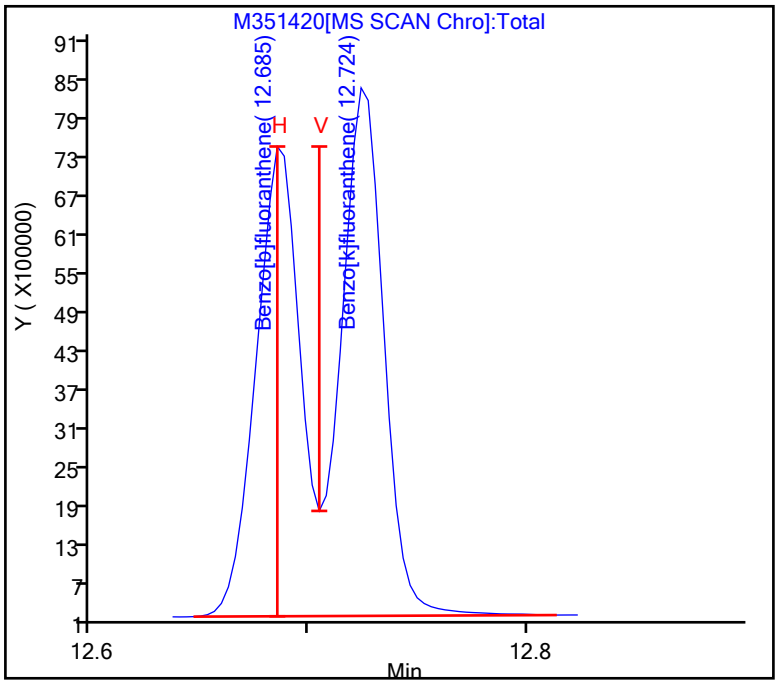
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D
Injection Date: 25-Jul-2025 10:17:30 Instrument ID: CBNAMS17
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 5670796
H(Smaller Peak Height) = 7310240

%Resolution = 77.6, Min. Resolution > 50.0
Passed



Manual Integration/User Assign Peak Report

Eurofins Edison

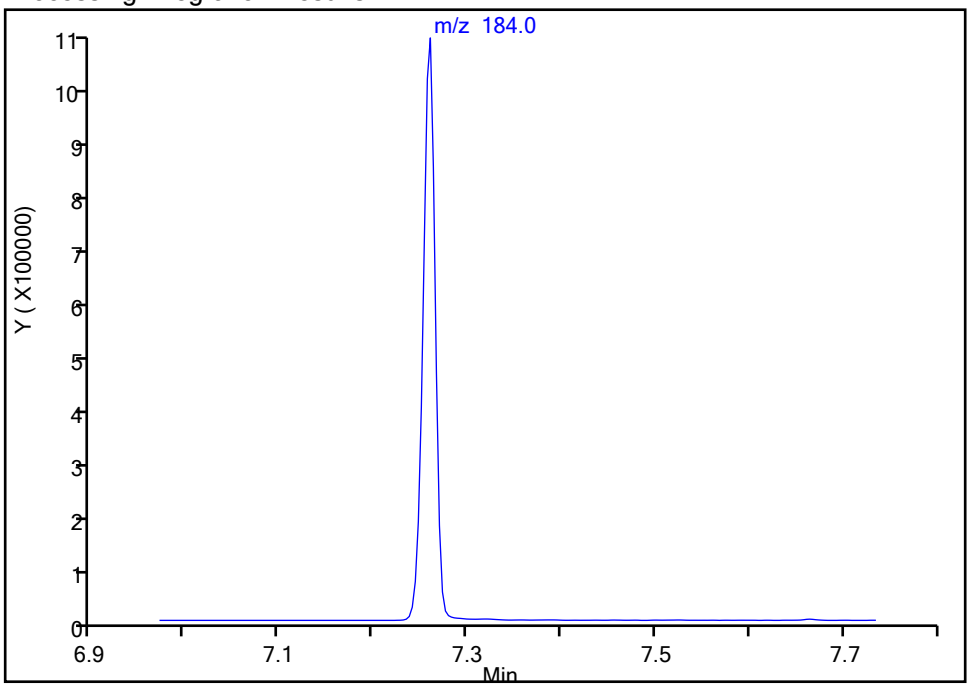
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D
Injection Date: 25-Jul-2025 10:17:30 Instrument ID: CBNAMS17
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

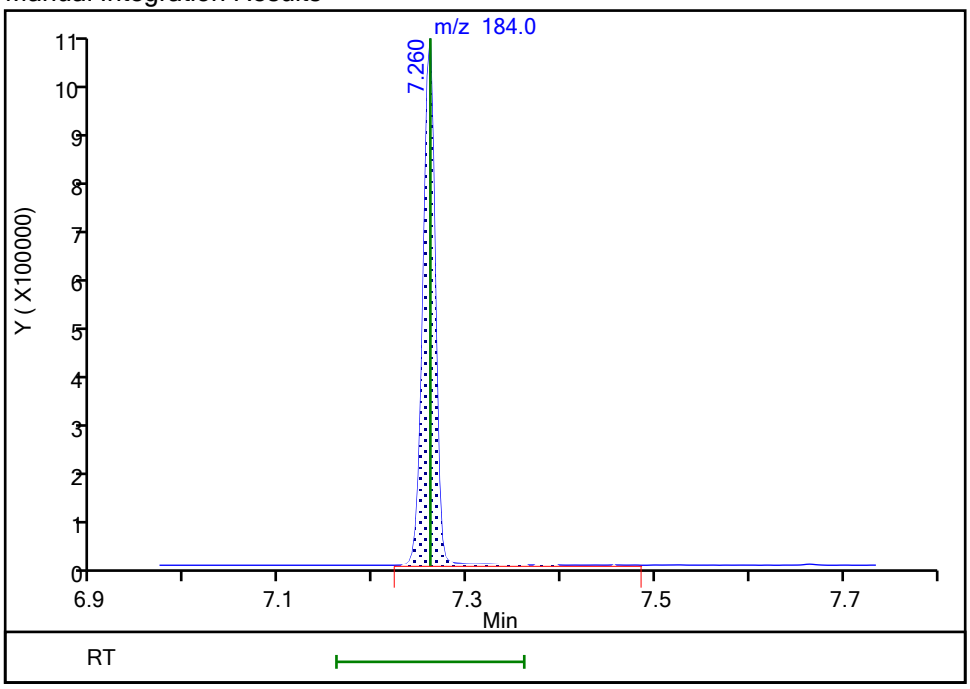
Not Detected
Expected RT: 7.26

Processing Integration Results



Manual Integration Results

RT: 7.26
Area: 942859
Amount: 20.810868
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 10:39:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

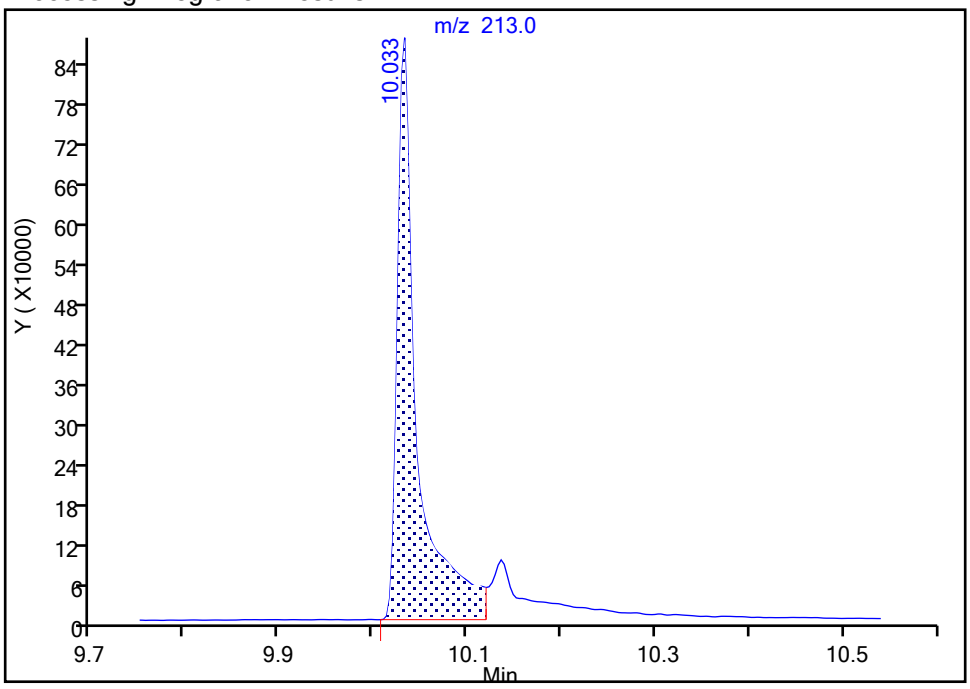
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D
Injection Date: 25-Jul-2025 10:17:30 Instrument ID: CBNAMS17
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

96 Bisphenol-A, CAS: 80-05-7

Signal: 1

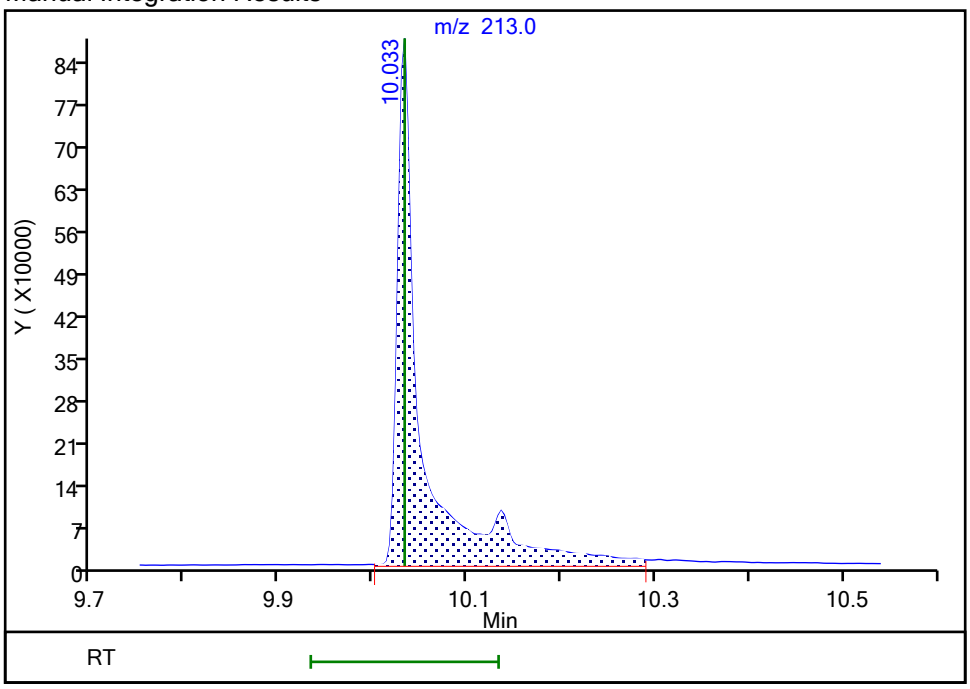
Processing Integration Results

RT: 10.03
Area: 1269192
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 10.03
Area: 1556020
Amount: 9.401805
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 10:38:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

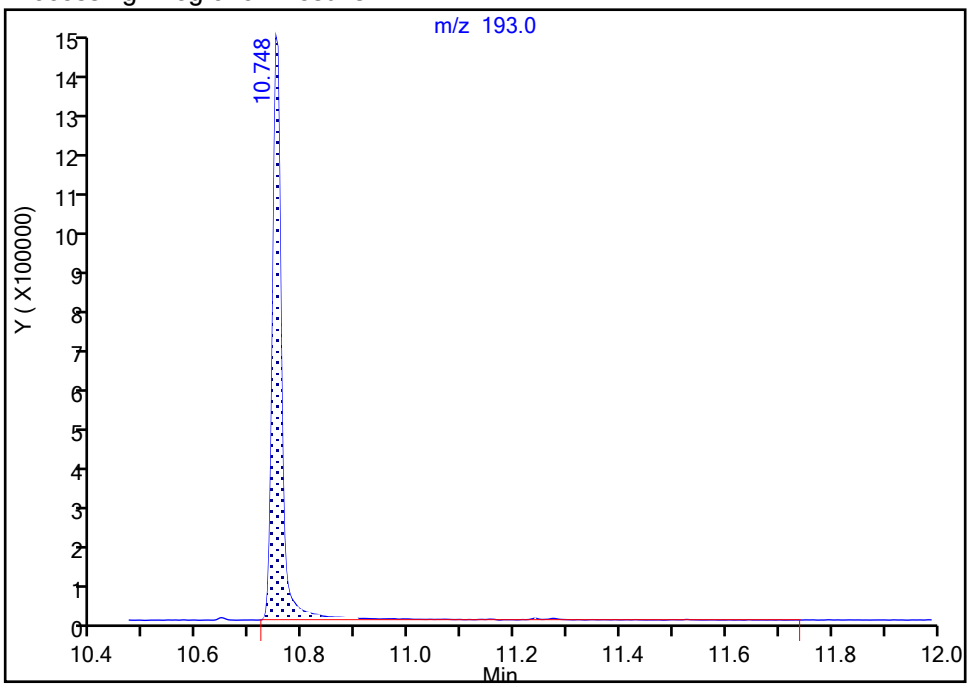
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D
Injection Date: 25-Jul-2025 10:17:30 Instrument ID: CBNAMS17
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

100 Carbamazepine, CAS: 298-46-4

Signal: 1

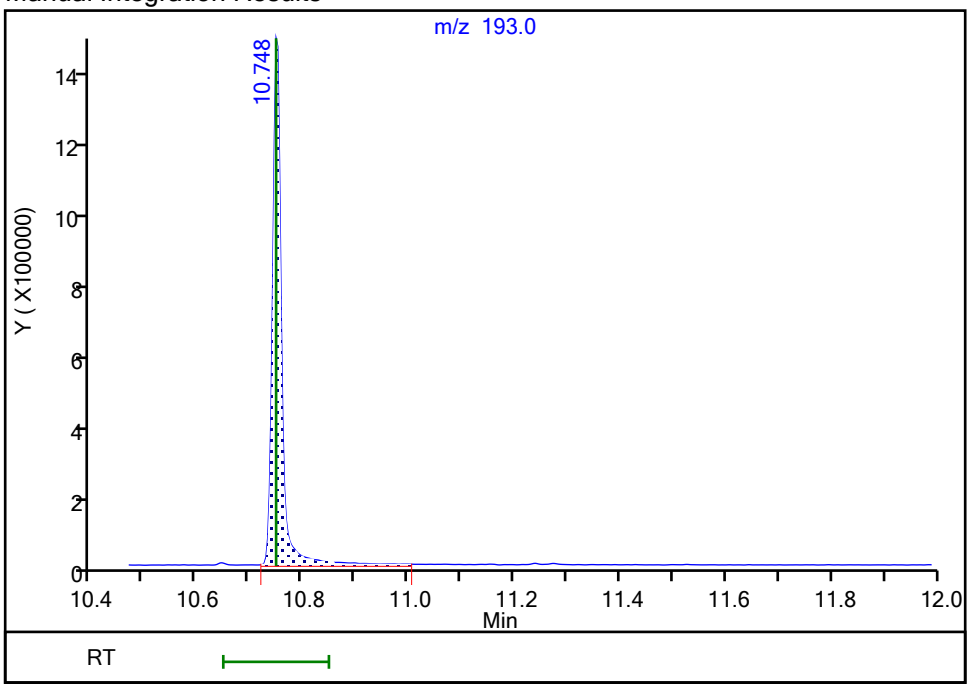
Processing Integration Results

RT: 10.75
Area: 1727962
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 10.75
Area: 1684529
Amount: 10.637917
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 10:38:39 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

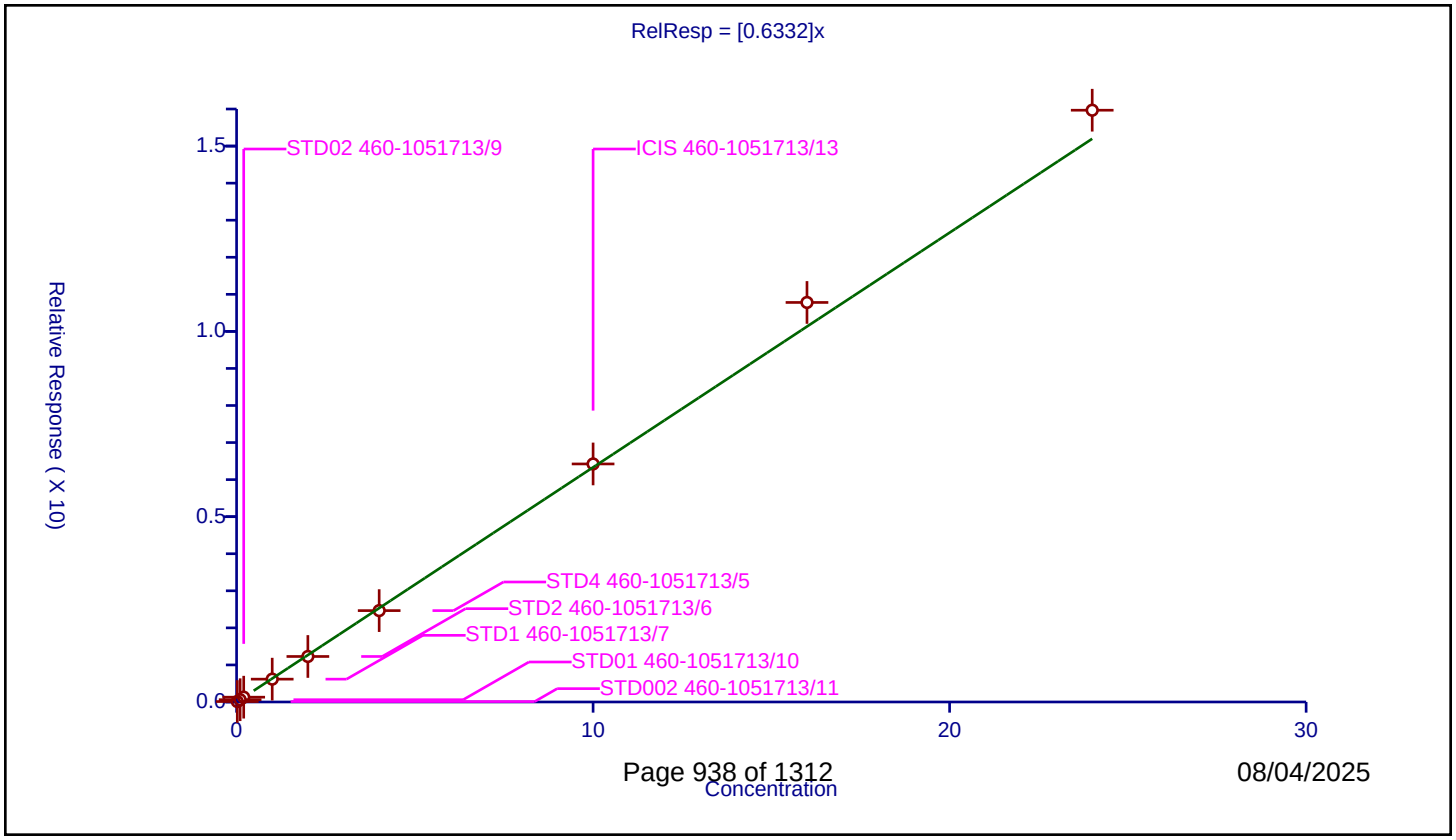
Curve Coefficients

Intercept:	0
Slope:	0.6332

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.012039	8.0	1766241.0	0.601956	Y
2	STD01 460-1051713/10	0.1	0.061849	8.0	2059988.0	0.618489	Y
3	STD02 460-1051713/9	0.2	0.130054	8.0	2043029.0	0.65027	Y
4	STD1 460-1051713/7	1.0	0.616348	8.0	2065585.0	0.616348	Y
5	STD2 460-1051713/6	2.0	1.22794	8.0	1947769.0	0.61397	Y
6	STD4 460-1051713/5	4.0	2.465304	8.0	2039992.0	0.616326	Y
7	ICIS 460-1051713/13	10.0	6.422725	8.0	1650979.0	0.642272	Y
8	STD16 460-1051713/4	16.0	10.78076	8.0	1843200.0	0.673797	Y
9	STD24 460-1051713/3	24.0	15.967414	8.0	1691016.0	0.665309	Y



Calibration / N-Nitrosodimethylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

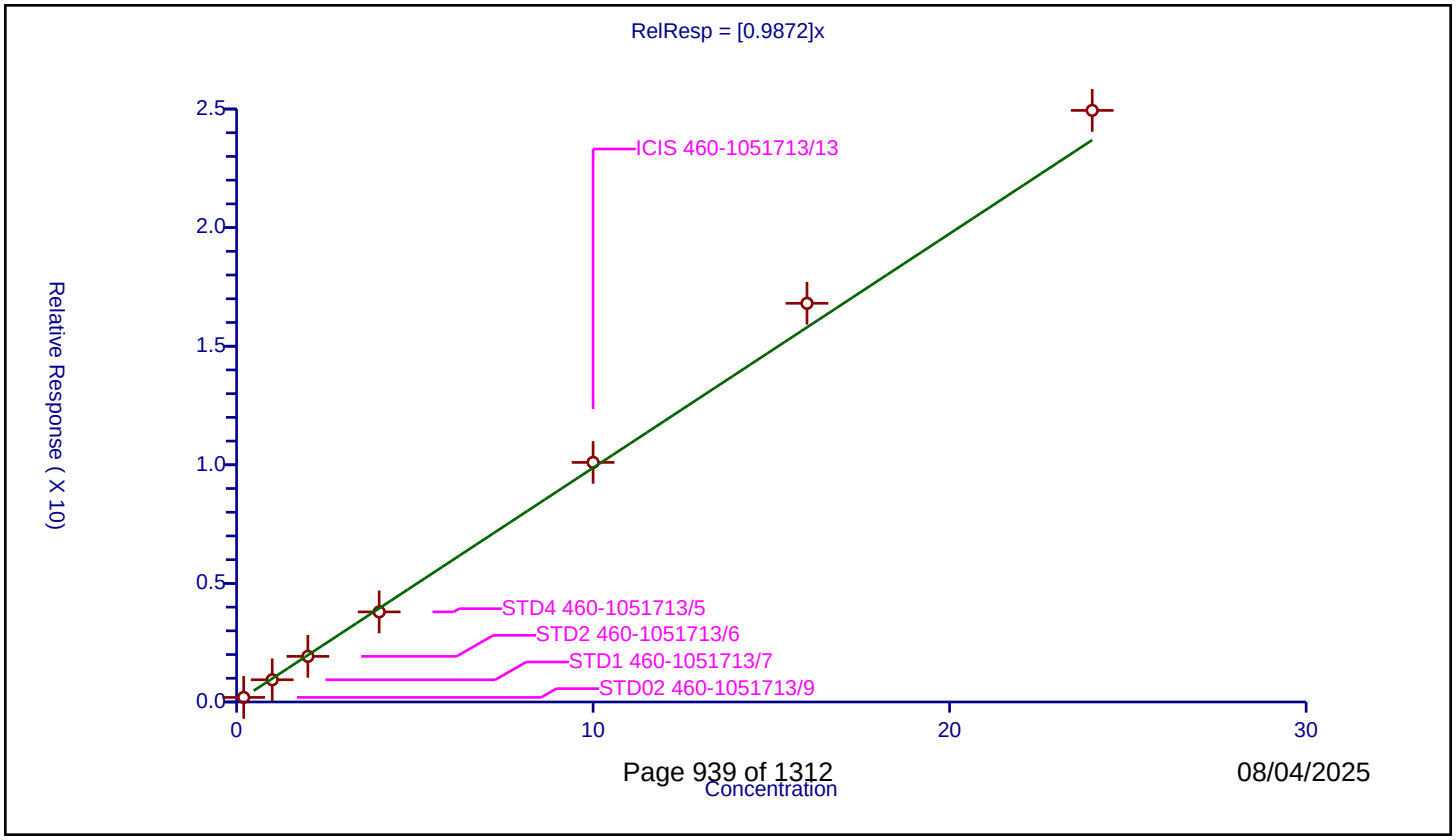
Curve Coefficients

Intercept:	0
Slope:	0.9872

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.192416	8.0	2043029.0	0.962081	Y
2	STD1 460-1051713/7	1.0	0.937106	8.0	2065585.0	0.937106	Y
3	STD2 460-1051713/6	2.0	1.923214	8.0	1947769.0	0.961607	Y
4	STD4 460-1051713/5	4.0	3.798266	8.0	2039992.0	0.949566	Y
5	ICIS 460-1051713/13	10.0	10.1011	8.0	1650979.0	1.01011	Y
6	STD16 460-1051713/4	16.0	16.80954	8.0	1843200.0	1.050596	Y
7	STD24 460-1051713/3	24.0	24.941635	8.0	1691016.0	1.039235	Y



Calibration / Pyridine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

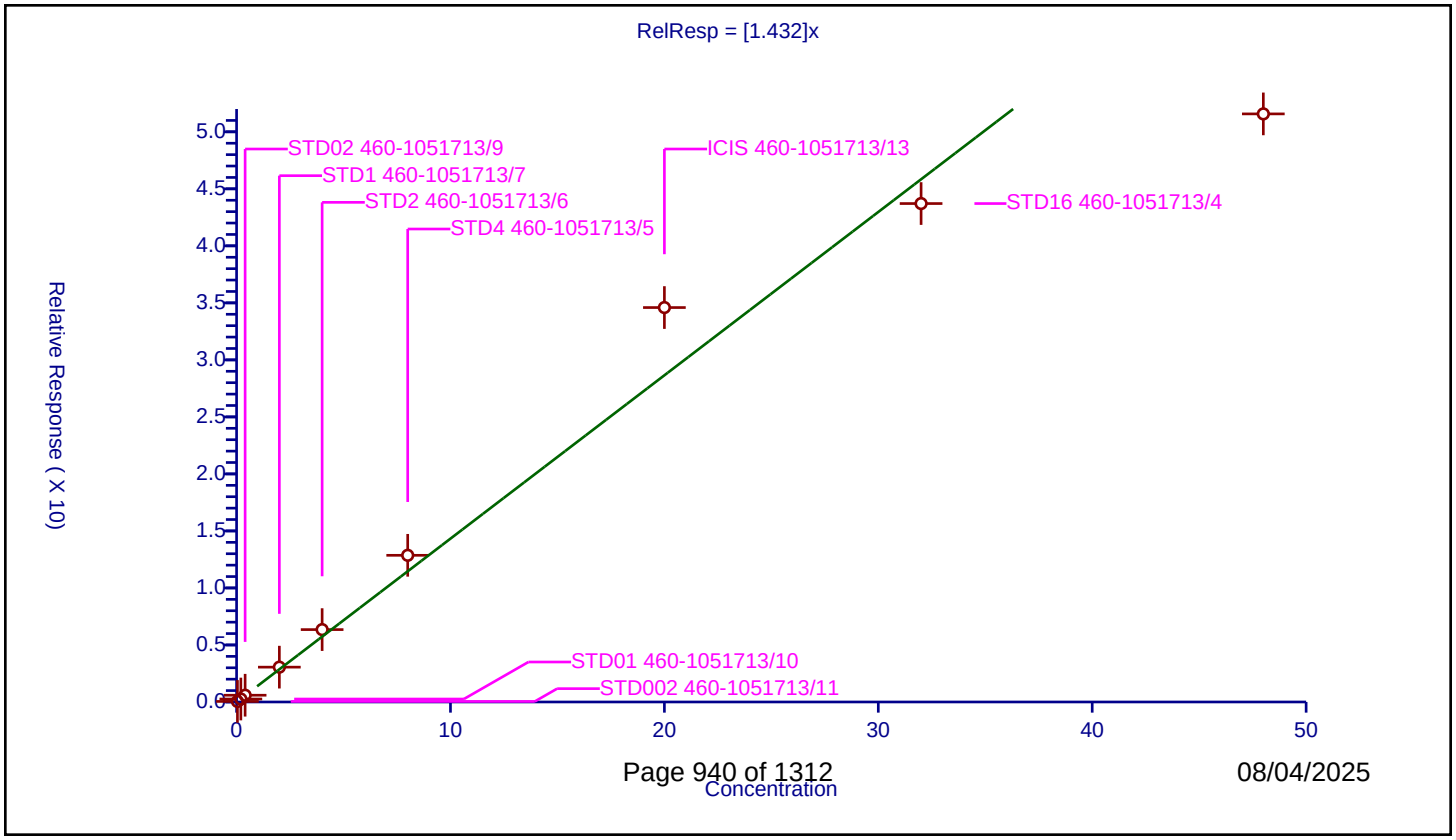
Curve Coefficients

Intercept:	0
Slope:	1.432

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.04	0.048324	8.0	1766241.0	1.208102	Y
2	STD01 460-1051713/10	0.2	0.261695	8.0	2059988.0	1.308474	Y
3	STD02 460-1051713/9	0.4	0.59279	8.0	2043029.0	1.481976	Y
4	STD1 460-1051713/7	2.0	3.055309	8.0	2065585.0	1.527654	Y
5	STD2 460-1051713/6	4.0	6.348375	8.0	1947769.0	1.587094	Y
6	STD4 460-1051713/5	8.0	12.86358	8.0	2039992.0	1.607947	Y
7	ICIS 460-1051713/13	20.0	34.590914	8.0	1650979.0	1.729546	Y
8	STD16 460-1051713/4	32.0	43.709427	8.0	1843200.0	1.36592	Y
9	STD24 460-1051713/3	48.0	51.571131	8.0	1691016.0	1.074399	Y



08/04/2025

Calibration / 2-Fluorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

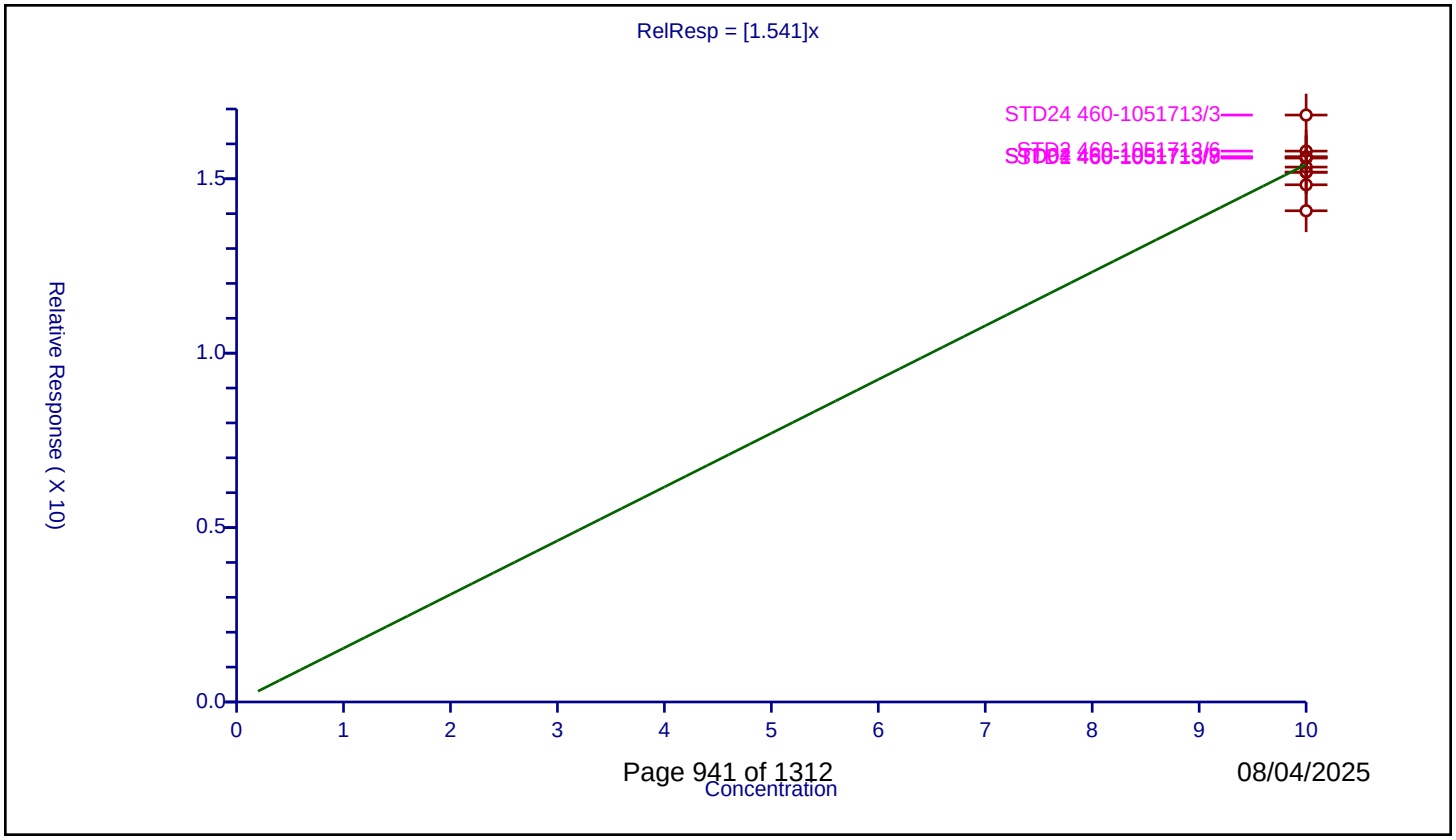
Curve Coefficients

Intercept:	0
Slope:	1.541

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD24 460-1051713/3	10.0	16.827223	8.0	1691016.0	1.682722	Y
2	STD16 460-1051713/4	10.0	14.827687	8.0	1843200.0	1.482769	Y
3	STD4 460-1051713/5	10.0	15.187707	8.0	2039992.0	1.518771	Y
4	STD2 460-1051713/6	10.0	15.793647	8.0	1947769.0	1.579365	Y
5	STD1 460-1051713/7	10.0	15.593169	8.0	2065585.0	1.559317	Y
6	STD04 460-1051713/8	10.0	15.632266	8.0	2022482.0	1.563227	Y
7	STD02 460-1051713/9	10.0	15.618108	8.0	2043029.0	1.561811	Y
8	STD01 460-1051713/10	10.0	15.335289	8.0	2059988.0	1.533529	Y
9	STD002 460-1051713/11	10.0	15.189637	8.0	1766241.0	1.518964	Y
10	ICIS 460-1051713/13	10.0	14.082471	8.0	1650979.0	1.408247	Y



Calibration / Benzaldehyde

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

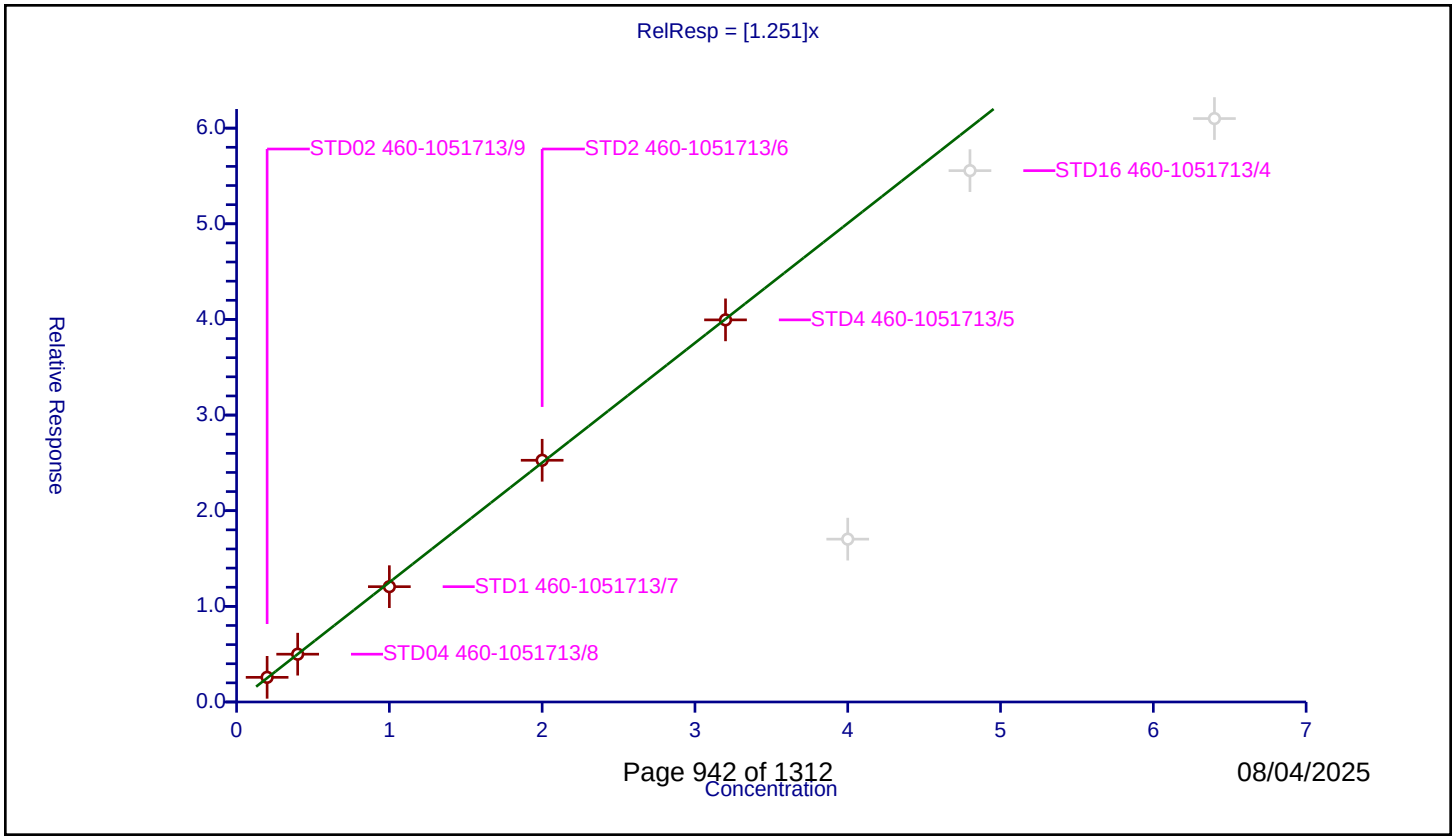
Curve Coefficients

Intercept:	0
Slope:	1.251

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.257856	8.0	2043029.0	1.289282	Y
2	STD04 460-1051713/8	0.4	0.499655	8.0	2022482.0	1.249138	Y
3	STD1 460-1051713/7	1.0	1.2059	8.0	2065585.0	1.2059	Y
4	STD2 460-1051713/6	2.0	2.52731	8.0	1947769.0	1.263655	Y
5	STD4 460-1051713/5	3.2	3.995337	8.0	2039992.0	1.248543	Y
6	ICIS 460-1051713/13	4.0	1.702747	8.0	1650979.0	0.425687	N
7	STD16 460-1051713/4	4.8	5.555681	8.0	1843200.0	1.157434	N
8	STD24 460-1051713/3	6.4	6.100281	8.0	1691016.0	0.953169	N



08/04/2025

Calibration / Phenol-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

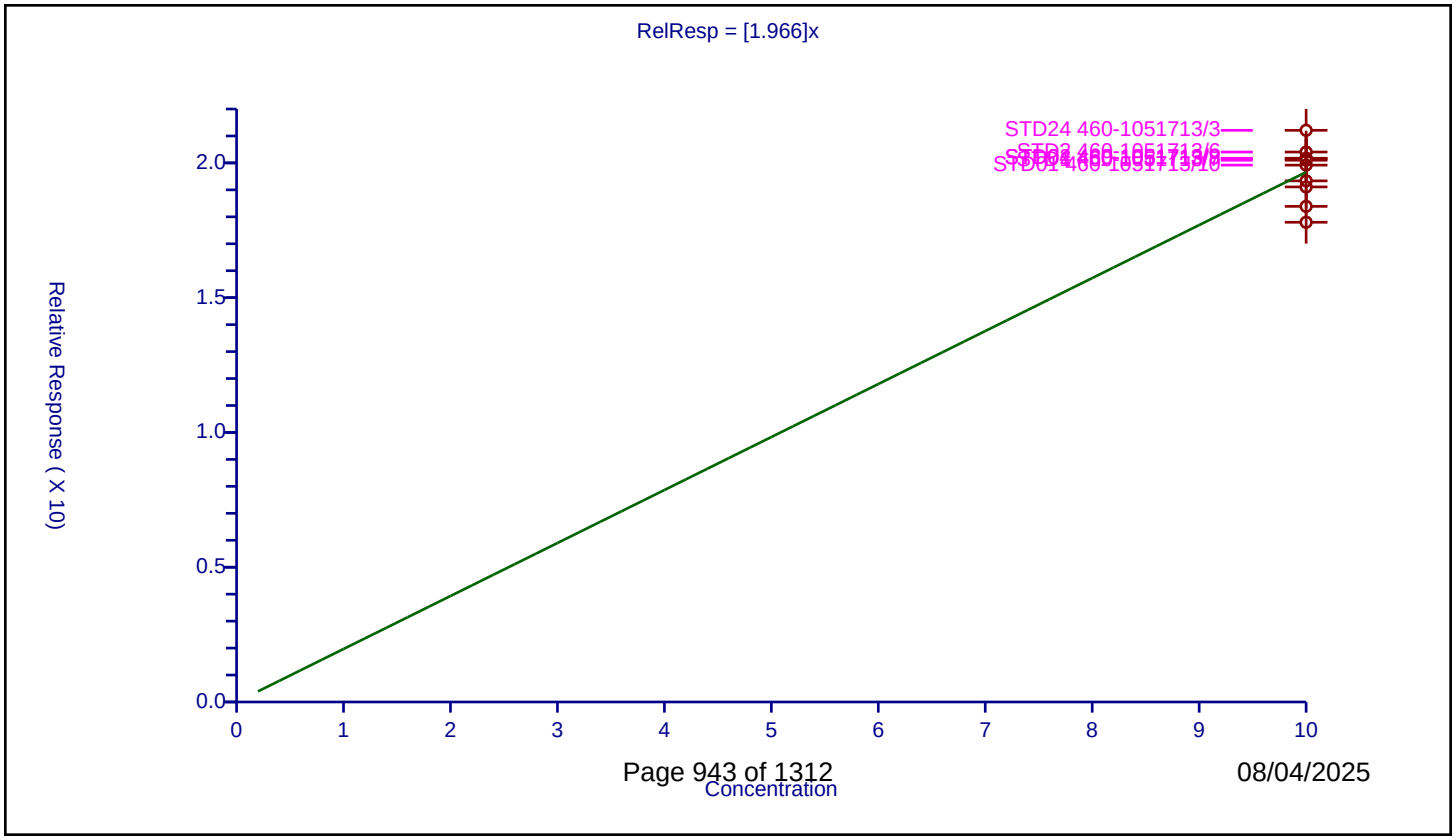
Curve Coefficients

Intercept:	0
Slope:	1.966

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD24 460-1051713/3	10.0	21.20964	8.0	1691016.0	2.120964	Y
2	STD16 460-1051713/4	10.0	18.38783	8.0	1843200.0	1.838783	Y
3	STD4 460-1051713/5	10.0	19.334186	8.0	2039992.0	1.933419	Y
4	STD2 460-1051713/6	10.0	20.403869	8.0	1947769.0	2.040387	Y
5	STD1 460-1051713/7	10.0	20.099031	8.0	2065585.0	2.009903	Y
6	STD04 460-1051713/8	10.0	20.164131	8.0	2022482.0	2.016413	Y
7	STD02 460-1051713/9	10.0	20.17327	8.0	2043029.0	2.017327	Y
8	STD01 460-1051713/10	10.0	19.918532	8.0	2059988.0	1.991853	Y
9	STD002 460-1051713/11	10.0	19.109533	8.0	1766241.0	1.910953	Y
10	ICIS 460-1051713/13	10.0	17.79807	8.0	1650979.0	1.779807	Y



Calibration / Phenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

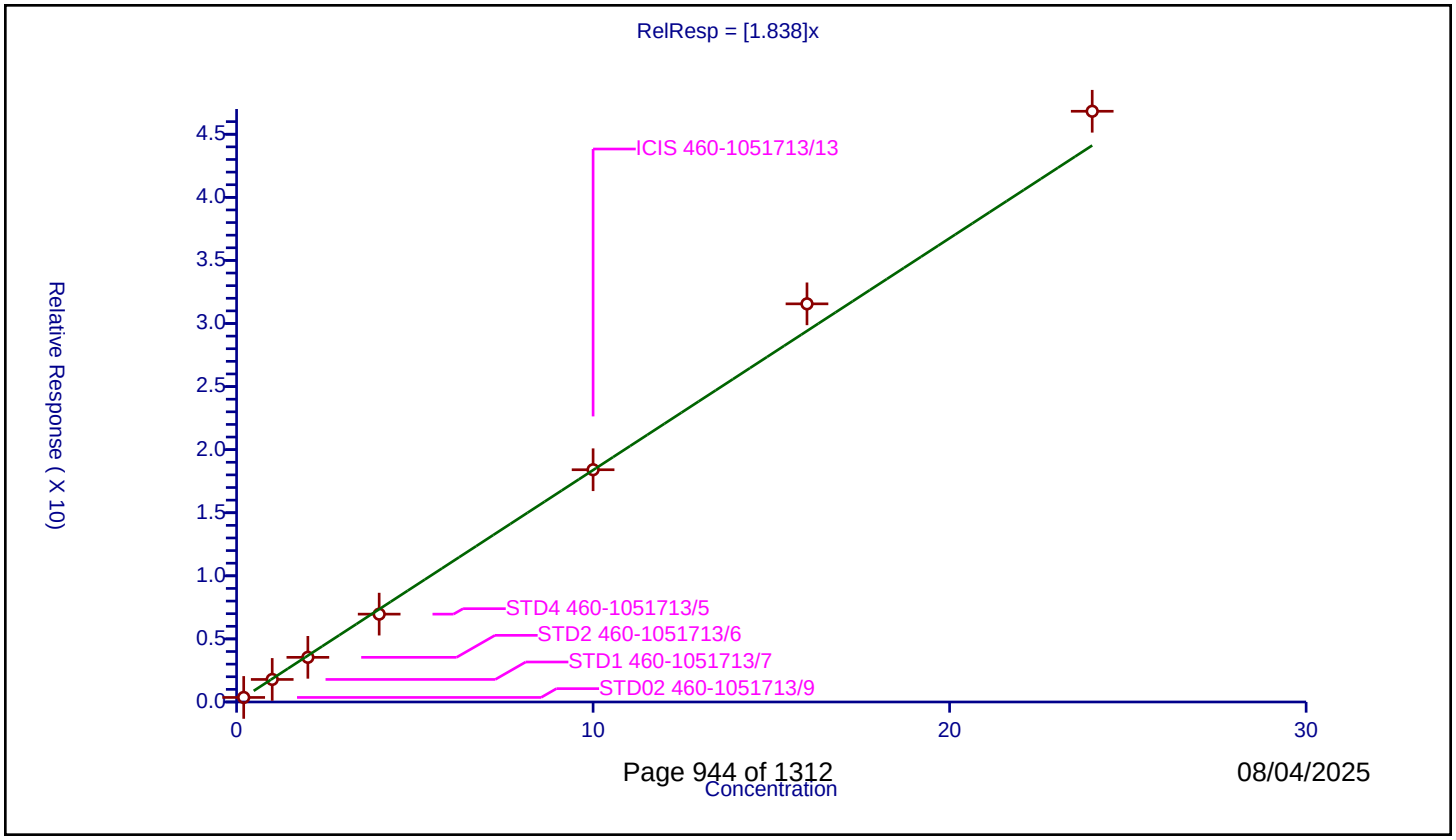
Curve Coefficients

Intercept:	0
Slope:	1.838

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.360931	8.0	2043029.0	1.804654	Y
2	STD1 460-1051713/7	1.0	1.787565	8.0	2065585.0	1.787565	Y
3	STD2 460-1051713/6	2.0	3.53842	8.0	1947769.0	1.76921	Y
4	STD4 460-1051713/5	4.0	6.962992	8.0	2039992.0	1.740748	Y
5	ICIS 460-1051713/13	10.0	18.408627	8.0	1650979.0	1.840863	Y
6	STD16 460-1051713/4	16.0	31.557222	8.0	1843200.0	1.972326	Y
7	STD24 460-1051713/3	24.0	46.822043	8.0	1691016.0	1.950918	Y



Calibration / Aniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

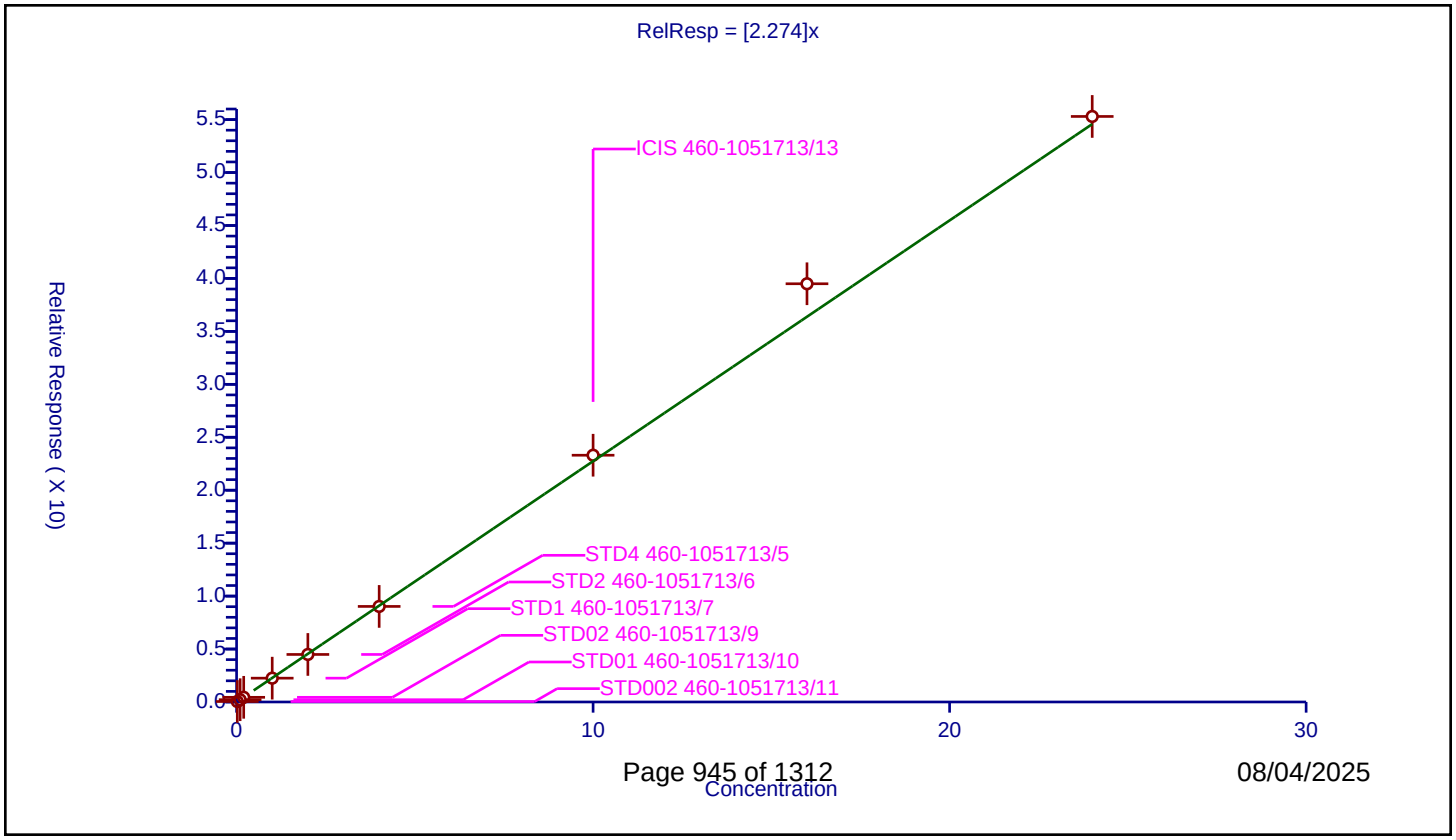
Curve Coefficients

Intercept:	0
Slope:	2.274

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.045022	8.0	1766241.0	2.251108	Y
2	STD01 460-1051713/10	0.1	0.215263	8.0	2059988.0	2.152634	Y
3	STD02 460-1051713/9	0.2	0.441415	8.0	2043029.0	2.207076	Y
4	STD1 460-1051713/7	1.0	2.251291	8.0	2065585.0	2.251291	Y
5	STD2 460-1051713/6	2.0	4.487941	8.0	1947769.0	2.24397	Y
6	STD4 460-1051713/5	4.0	9.024196	8.0	2039992.0	2.256049	Y
7	ICIS 460-1051713/13	10.0	23.303381	8.0	1650979.0	2.330338	Y
8	STD16 460-1051713/4	16.0	39.497083	8.0	1843200.0	2.468568	Y
9	STD24 460-1051713/3	24.0	55.297204	8.0	1691016.0	2.30405	Y



Calibration / Bis(2-chloroethyl)ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

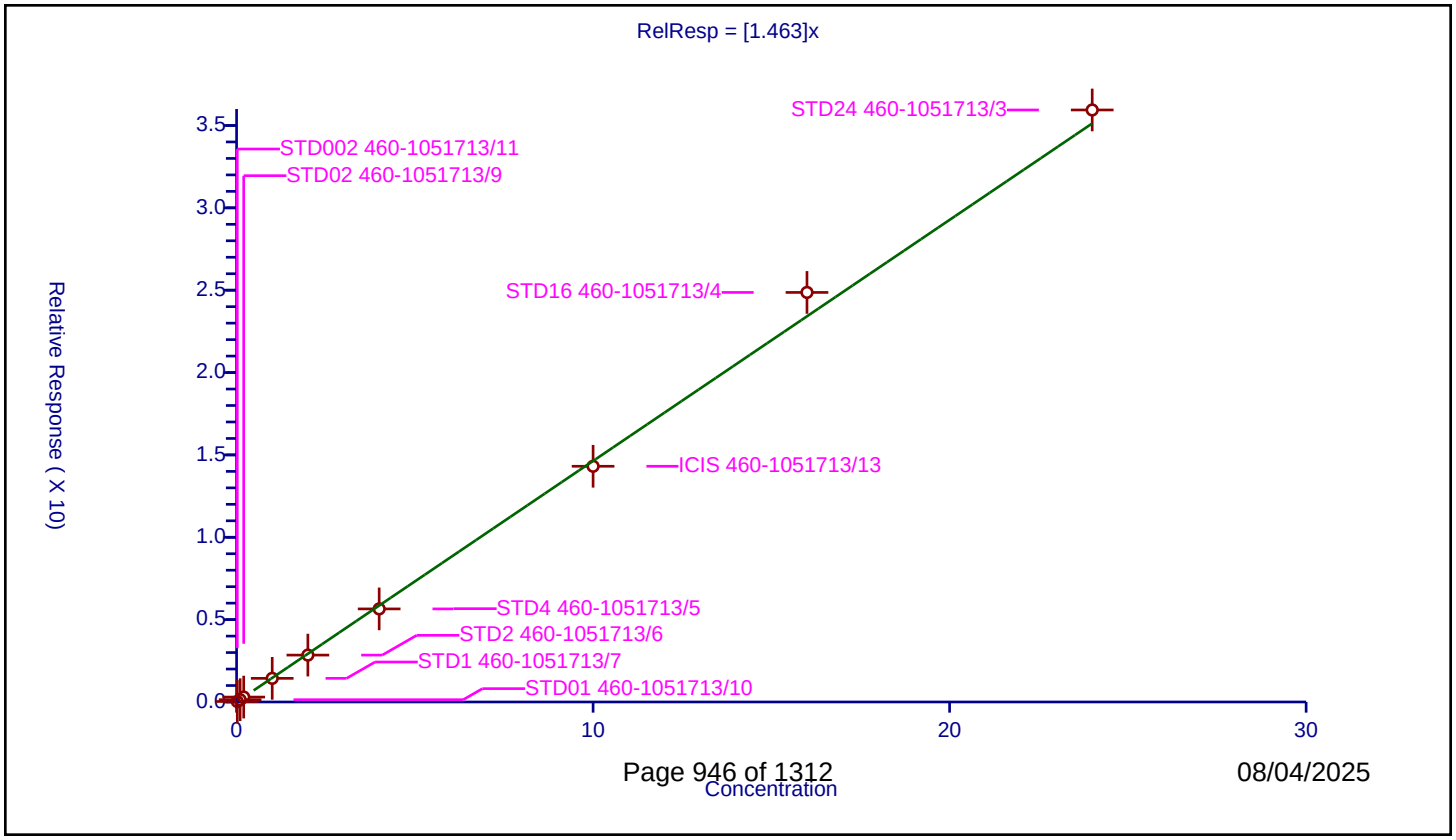
Curve Coefficients

Intercept:	0
Slope:	1.463

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.030682	8.0	1766241.0	1.534105	Y
2	STD01 460-1051713/10	0.1	0.13908	8.0	2059988.0	1.390804	Y
3	STD02 460-1051713/9	0.2	0.298373	8.0	2043029.0	1.491863	Y
4	STD1 460-1051713/7	1.0	1.435502	8.0	2065585.0	1.435502	Y
5	STD2 460-1051713/6	2.0	2.847151	8.0	1947769.0	1.423575	Y
6	STD4 460-1051713/5	4.0	5.651285	8.0	2039992.0	1.412821	Y
7	ICIS 460-1051713/13	10.0	14.310346	8.0	1650979.0	1.431035	Y
8	STD16 460-1051713/4	16.0	24.86546	8.0	1843200.0	1.554091	Y
9	STD24 460-1051713/3	24.0	35.941436	8.0	1691016.0	1.49756	Y



Calibration / 2-Chlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

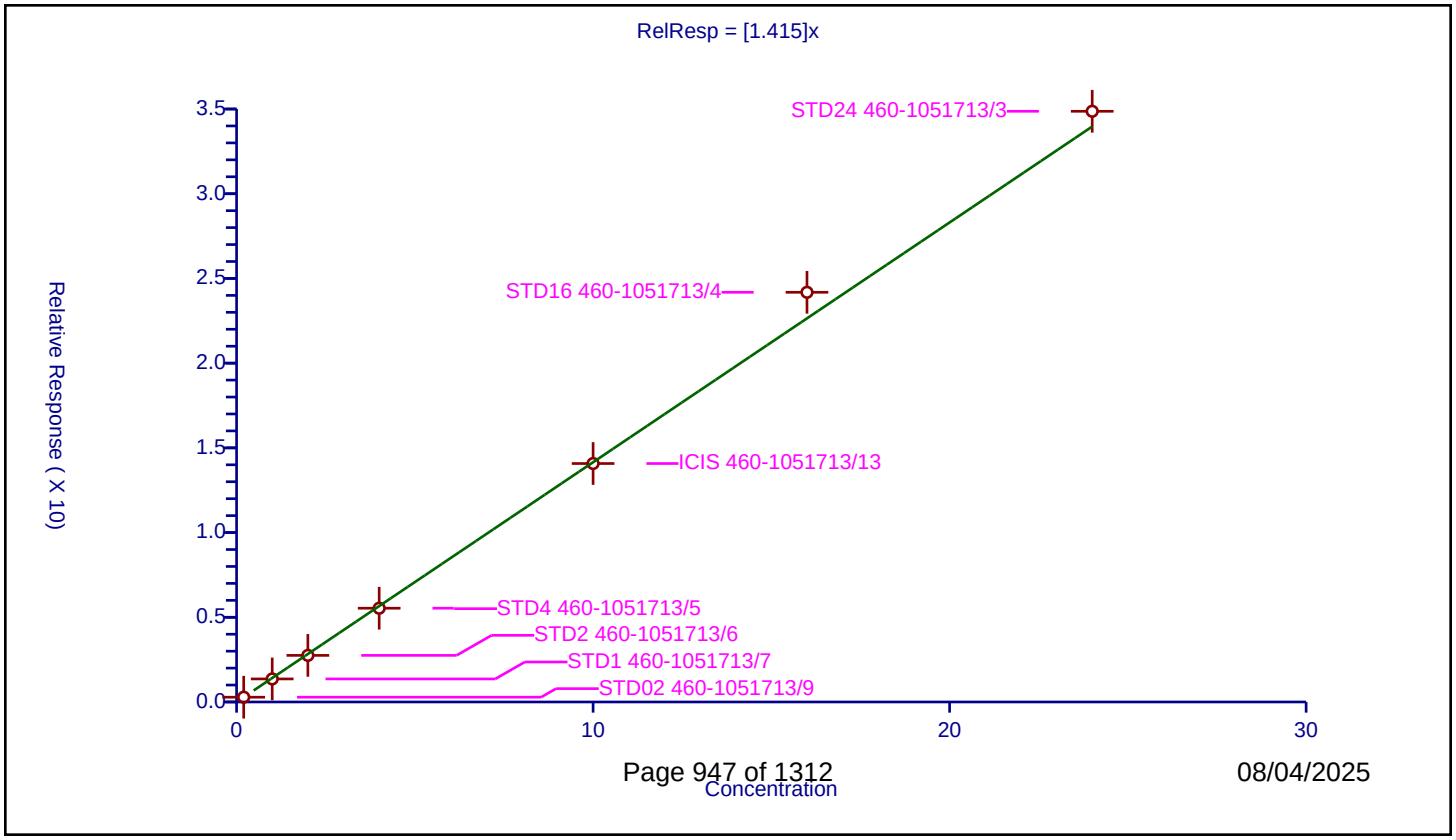
Curve Coefficients

Intercept:	0
Slope:	1.415

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.282972	8.0	2043029.0	1.41486	Y
2	STD1 460-1051713/7	1.0	1.361187	8.0	2065585.0	1.361187	Y
3	STD2 460-1051713/6	2.0	2.749833	8.0	1947769.0	1.374917	Y
4	STD4 460-1051713/5	4.0	5.534582	8.0	2039992.0	1.383646	Y
5	ICIS 460-1051713/13	10.0	14.075576	8.0	1650979.0	1.407558	Y
6	STD16 460-1051713/4	16.0	24.181393	8.0	1843200.0	1.511337	Y
7	STD24 460-1051713/3	24.0	34.866054	8.0	1691016.0	1.452752	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

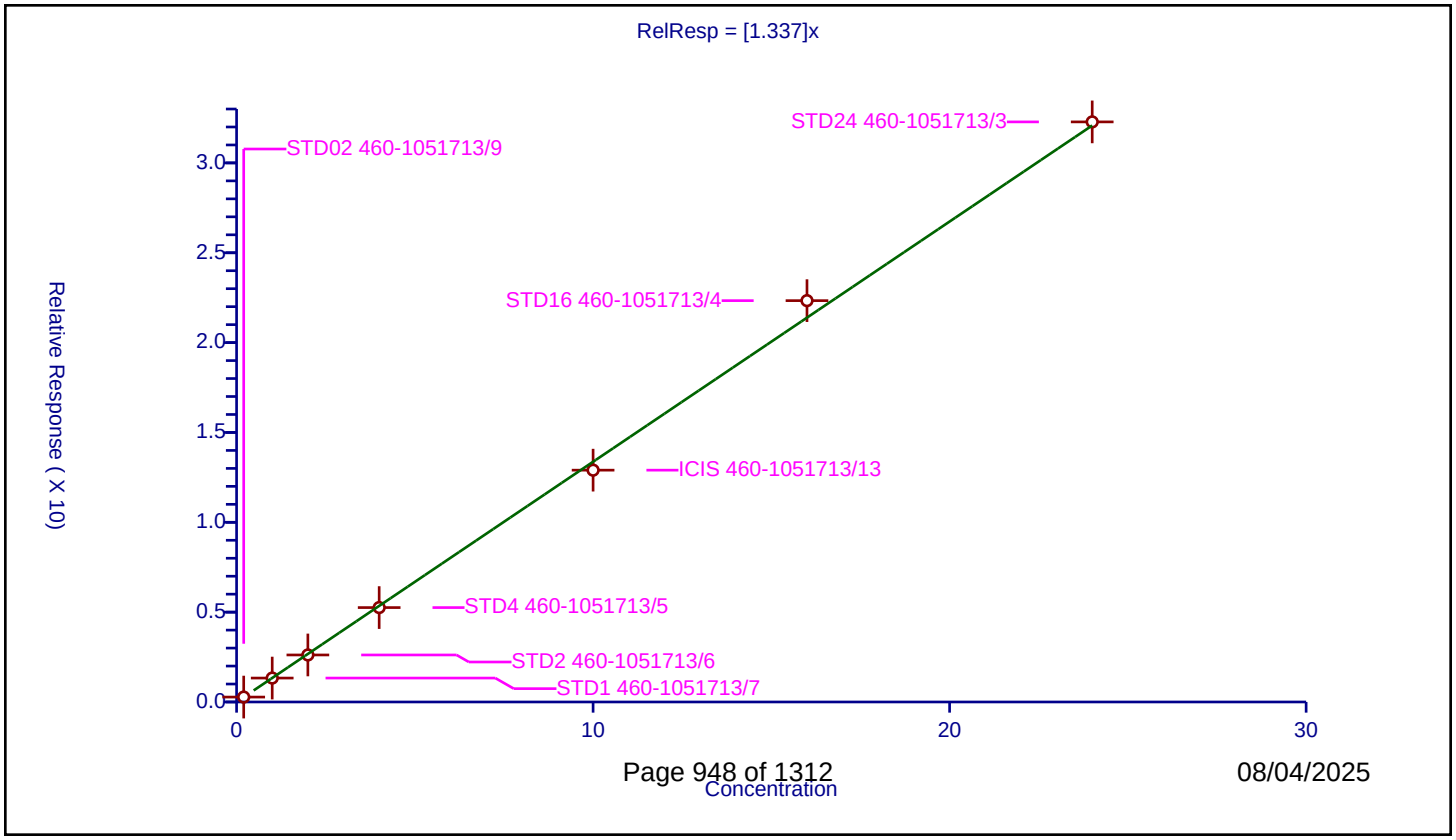
Curve Coefficients

Intercept:	0
Slope:	1.337

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.274526	8.0	2043029.0	1.372629	Y
2	STD1 460-1051713/7	1.0	1.332012	8.0	2065585.0	1.332012	Y
3	STD2 460-1051713/6	2.0	2.61647	8.0	1947769.0	1.308235	Y
4	STD4 460-1051713/5	4.0	5.254938	8.0	2039992.0	1.313735	Y
5	ICIS 460-1051713/13	10.0	12.901131	8.0	1650979.0	1.290113	Y
6	STD16 460-1051713/4	16.0	22.335451	8.0	1843200.0	1.395966	Y
7	STD24 460-1051713/3	24.0	32.283082	8.0	1691016.0	1.345128	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

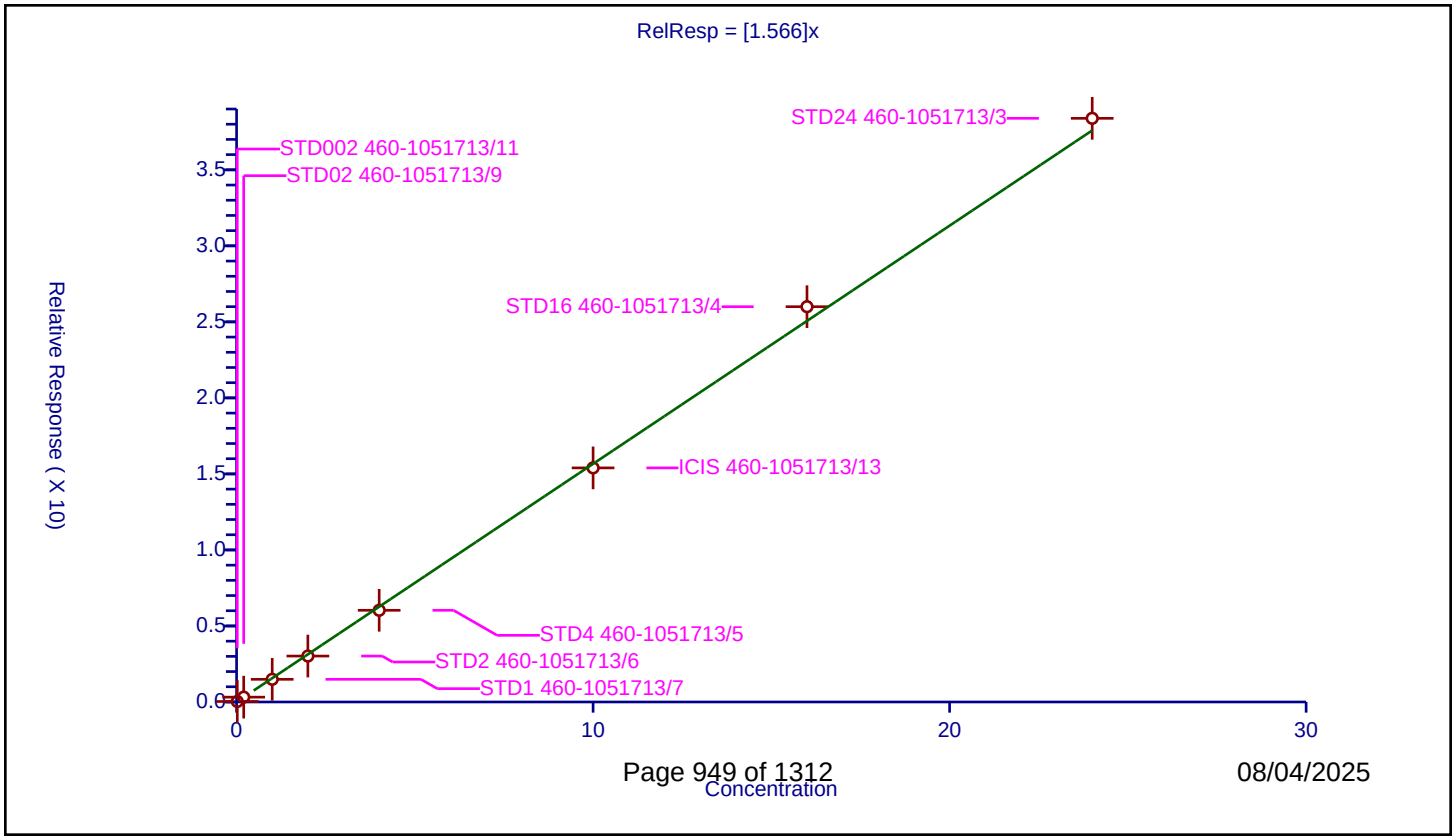
Curve Coefficients

Intercept:	0
Slope:	1.566

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.033305	8.0	1766241.0	1.665231	Y
2	STD02 460-1051713/9	0.2	0.318304	8.0	2043029.0	1.591519	Y
3	STD1 460-1051713/7	1.0	1.491521	8.0	2065585.0	1.491521	Y
4	STD2 460-1051713/6	2.0	3.021442	8.0	1947769.0	1.510721	Y
5	STD4 460-1051713/5	4.0	6.030726	8.0	2039992.0	1.507681	Y
6	ICIS 460-1051713/13	10.0	15.397046	8.0	1650979.0	1.539705	Y
7	STD16 460-1051713/4	16.0	25.99842	8.0	1843200.0	1.624901	Y
8	STD24 460-1051713/3	24.0	38.387209	8.0	1691016.0	1.599467	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

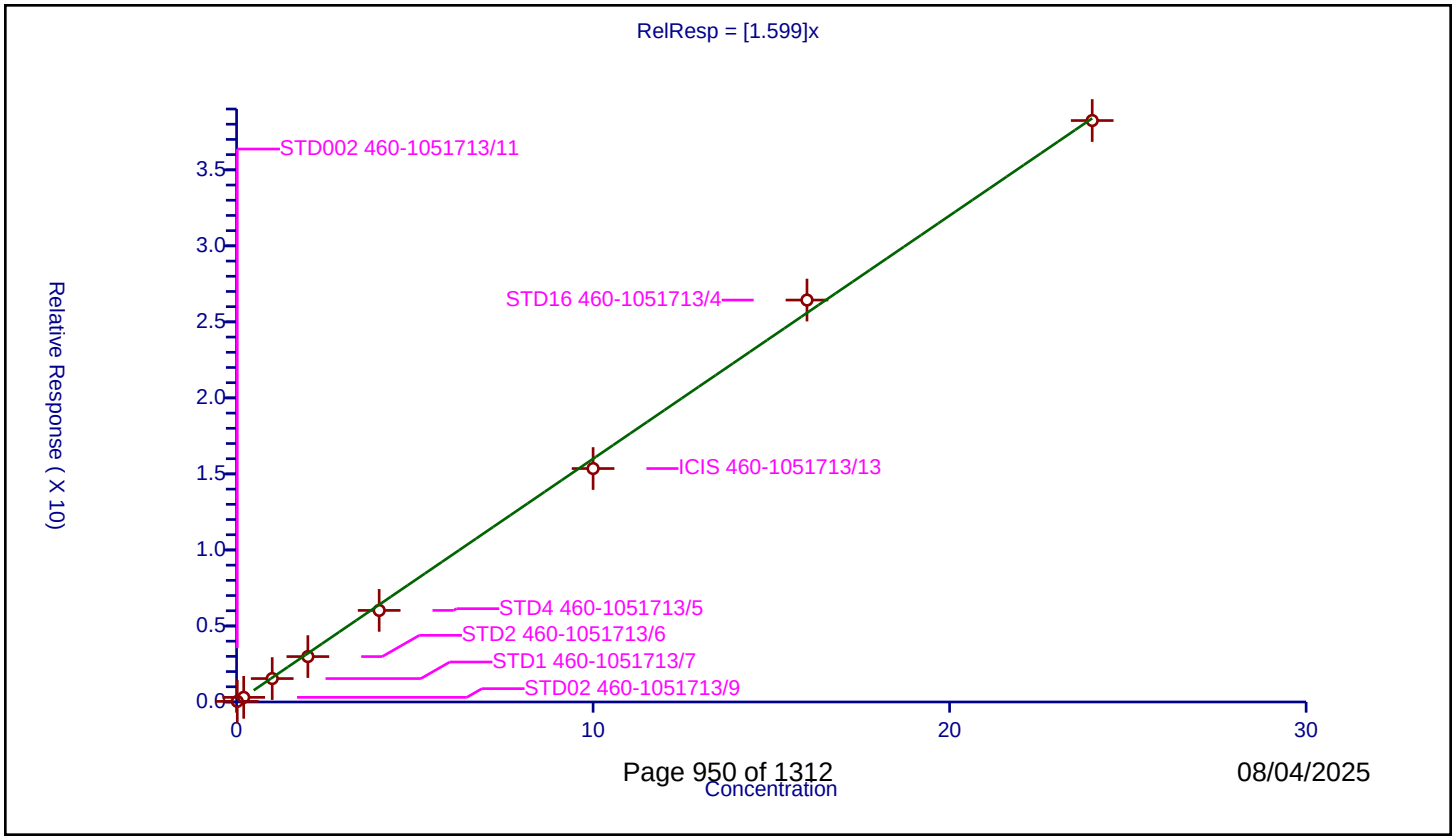
Curve Coefficients

Intercept:	0
Slope:	1.599

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.039025	8.0	1766241.0	1.951263	Y
2	STD02 460-1051713/9	0.2	0.304685	8.0	2043029.0	1.523424	Y
3	STD1 460-1051713/7	1.0	1.541305	8.0	2065585.0	1.541305	Y
4	STD2 460-1051713/6	2.0	2.986046	8.0	1947769.0	1.493023	Y
5	STD4 460-1051713/5	4.0	6.023016	8.0	2039992.0	1.505754	Y
6	ICIS 460-1051713/13	10.0	15.354226	8.0	1650979.0	1.535423	Y
7	STD16 460-1051713/4	16.0	26.436007	8.0	1843200.0	1.65225	Y
8	STD24 460-1051713/3	24.0	38.242628	8.0	1691016.0	1.593443	Y



Calibration / Benzyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

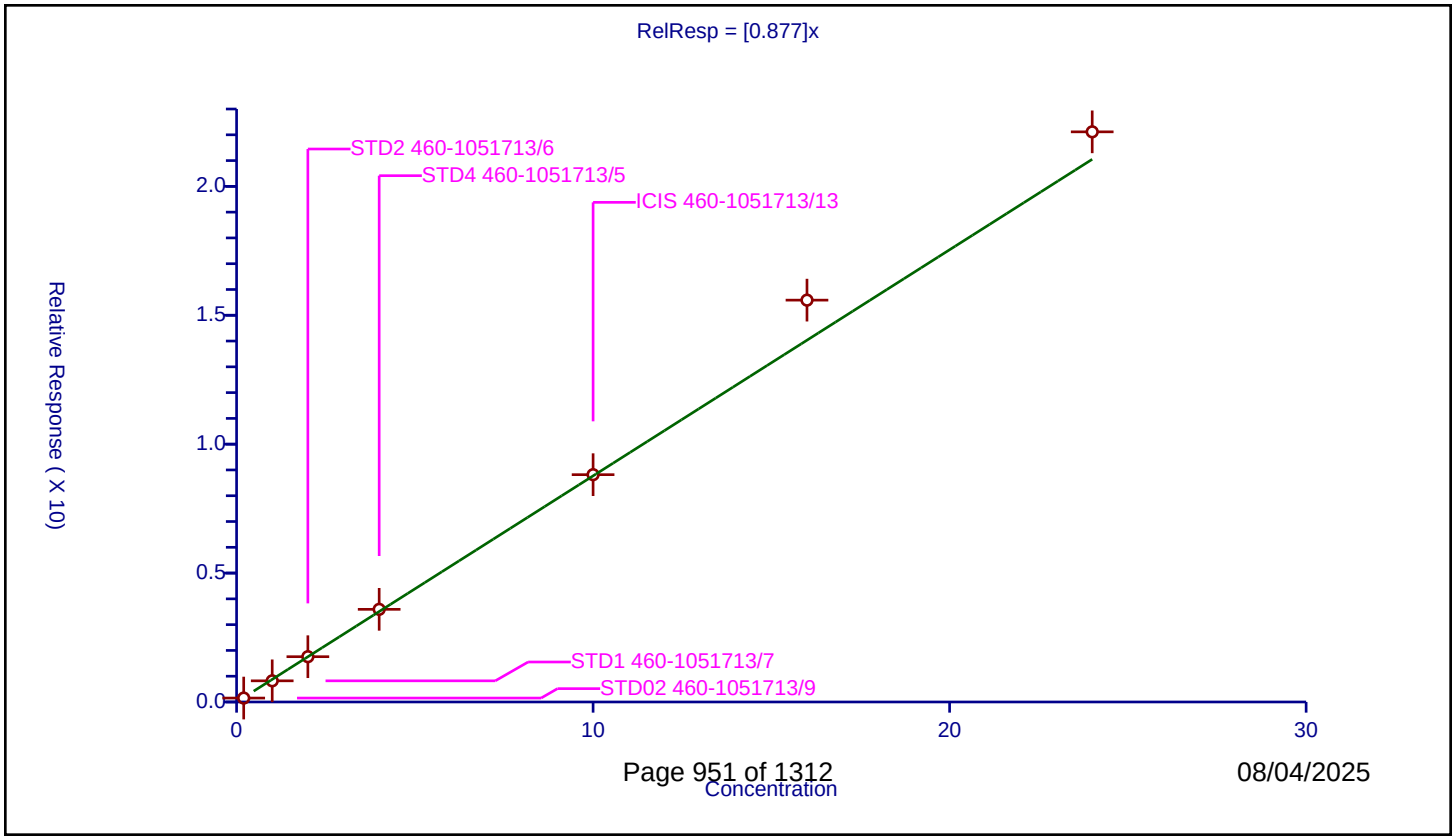
Curve Coefficients

Intercept:	0
Slope:	0.877

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.152844	8.0	2043029.0	0.764218	Y
2	STD1 460-1051713/7	1.0	0.820614	8.0	2065585.0	0.820614	Y
3	STD2 460-1051713/6	2.0	1.757178	8.0	1947769.0	0.878589	Y
4	STD4 460-1051713/5	4.0	3.593763	8.0	2039992.0	0.898441	Y
5	ICIS 460-1051713/13	10.0	8.81728	8.0	1650979.0	0.881728	Y
6	STD16 460-1051713/4	16.0	15.58678	8.0	1843200.0	0.974174	Y
7	STD24 460-1051713/3	24.0	22.114785	8.0	1691016.0	0.921449	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

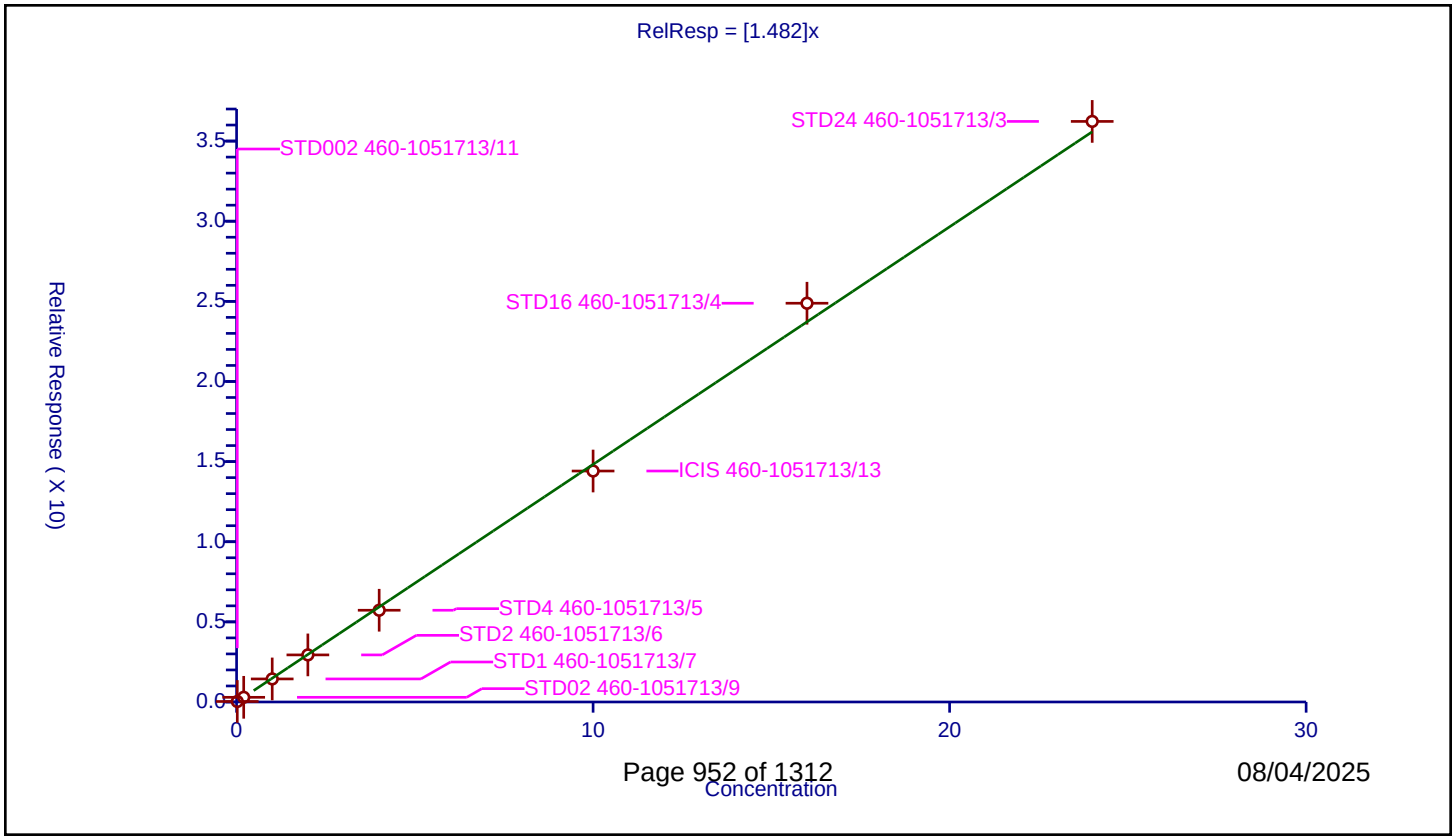
Curve Coefficients

Intercept:	0
Slope:	1.482

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.031067	8.0	1766241.0	1.553355	Y
2	STD02 460-1051713/9	0.2	0.292499	8.0	2043029.0	1.462495	Y
3	STD1 460-1051713/7	1.0	1.437927	8.0	2065585.0	1.437927	Y
4	STD2 460-1051713/6	2.0	2.938238	8.0	1947769.0	1.469119	Y
5	STD4 460-1051713/5	4.0	5.724646	8.0	2039992.0	1.431161	Y
6	ICIS 460-1051713/13	10.0	14.412811	8.0	1650979.0	1.441281	Y
7	STD16 460-1051713/4	16.0	24.881389	8.0	1843200.0	1.555087	Y
8	STD24 460-1051713/3	24.0	36.226349	8.0	1691016.0	1.509431	Y



Calibration / 2-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

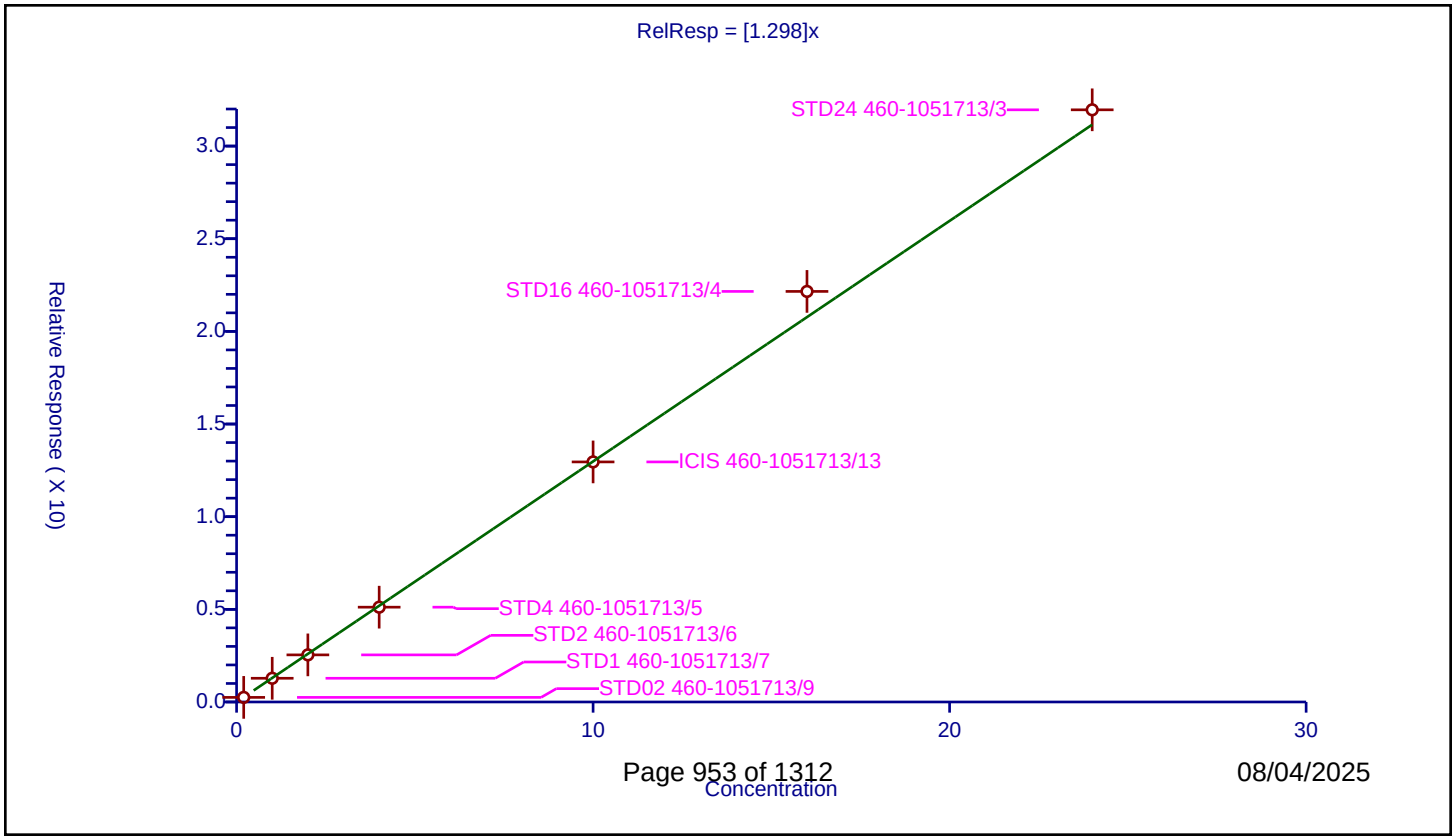
Curve Coefficients

Intercept:	0
Slope:	1.298

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.248925	8.0	2043029.0	1.244623	Y
2	STD1 460-1051713/7	1.0	1.280195	8.0	2065585.0	1.280195	Y
3	STD2 460-1051713/6	2.0	2.542651	8.0	1947769.0	1.271325	Y
4	STD4 460-1051713/5	4.0	5.116004	8.0	2039992.0	1.279001	Y
5	ICIS 460-1051713/13	10.0	12.955455	8.0	1650979.0	1.295545	Y
6	STD16 460-1051713/4	16.0	22.156497	8.0	1843200.0	1.384781	Y
7	STD24 460-1051713/3	24.0	31.956722	8.0	1691016.0	1.33153	Y



Calibration / 2,2'-oxybis[1-chloropropane]

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

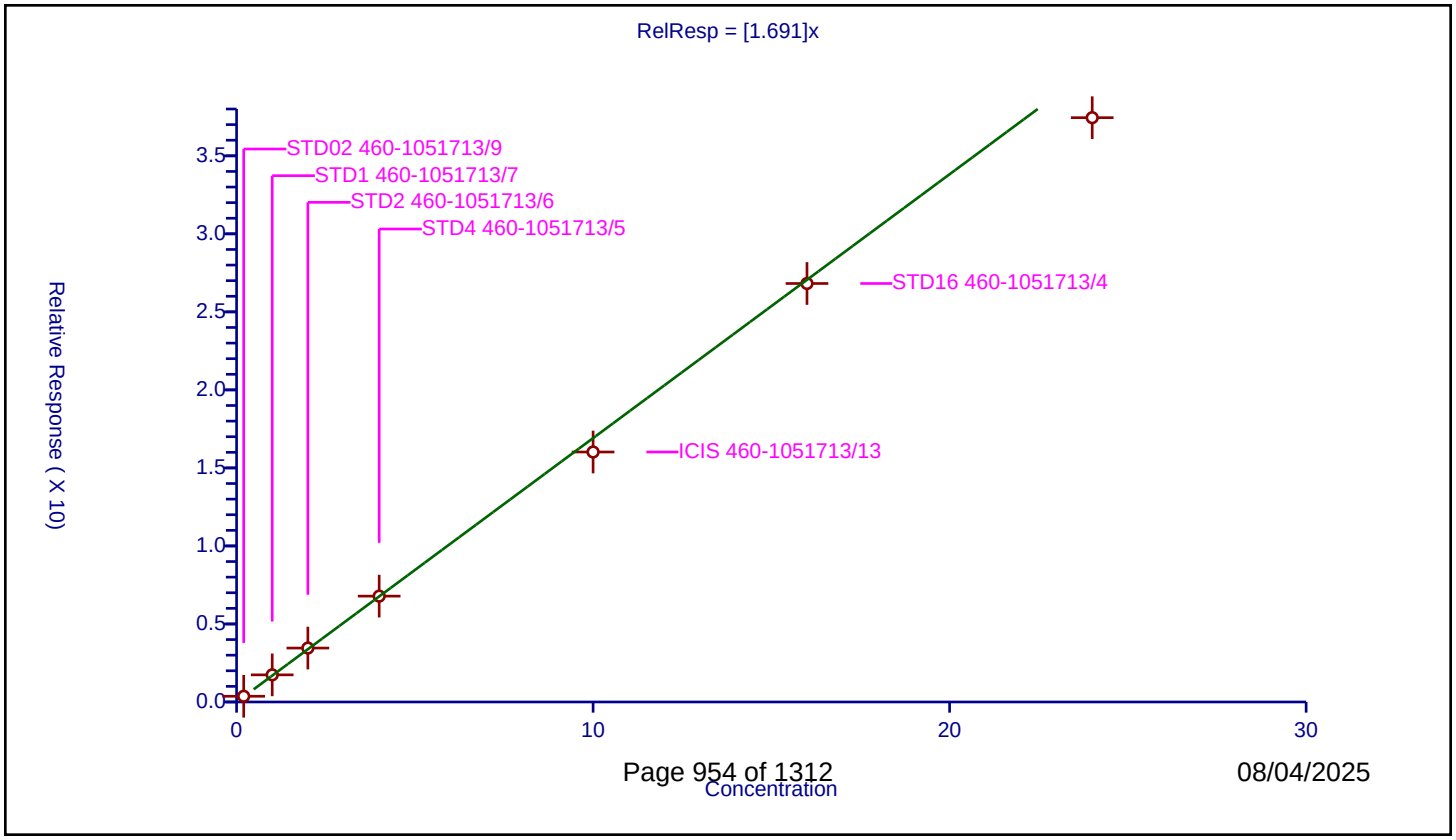
Curve Coefficients

Intercept:	0
Slope:	1.691

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.367165	8.0	2043029.0	1.835823	Y
2	STD1 460-1051713/7	1.0	1.738735	8.0	2065585.0	1.738735	Y
3	STD2 460-1051713/6	2.0	3.455962	8.0	1947769.0	1.727981	Y
4	STD4 460-1051713/5	4.0	6.783834	8.0	2039992.0	1.695959	Y
5	ICIS 460-1051713/13	10.0	16.020778	8.0	1650979.0	1.602078	Y
6	STD16 460-1051713/4	16.0	26.818859	8.0	1843200.0	1.676179	Y
7	STD24 460-1051713/3	24.0	37.444561	8.0	1691016.0	1.56019	Y



Calibration / N-Methylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

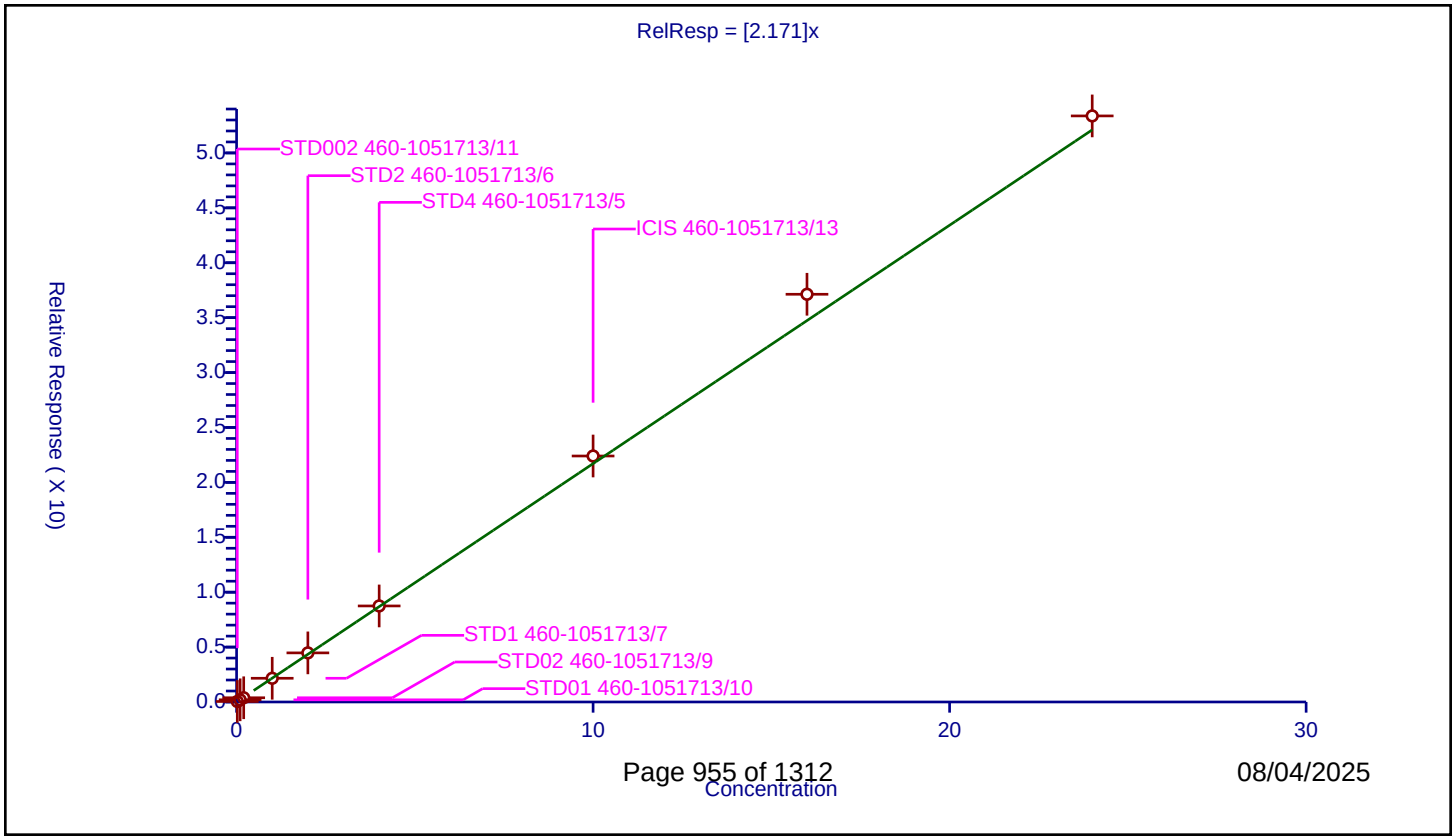
Curve Coefficients

Intercept:	0
Slope:	2.171

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.045154	8.0	1766241.0	2.257676	Y
2	STD01 460-1051713/10	0.1	0.198716	8.0	2059988.0	1.987157	Y
3	STD02 460-1051713/9	0.2	0.385185	8.0	2043029.0	1.925925	Y
4	STD1 460-1051713/7	1.0	2.159644	8.0	2065585.0	2.159644	Y
5	STD2 460-1051713/6	2.0	4.472452	8.0	1947769.0	2.236226	Y
6	STD4 460-1051713/5	4.0	8.746921	8.0	2039992.0	2.18673	Y
7	ICIS 460-1051713/13	10.0	22.400299	8.0	1650979.0	2.24003	Y
8	STD16 460-1051713/4	16.0	37.129167	8.0	1843200.0	2.320573	Y
9	STD24 460-1051713/3	24.0	53.369946	8.0	1691016.0	2.223748	Y



Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

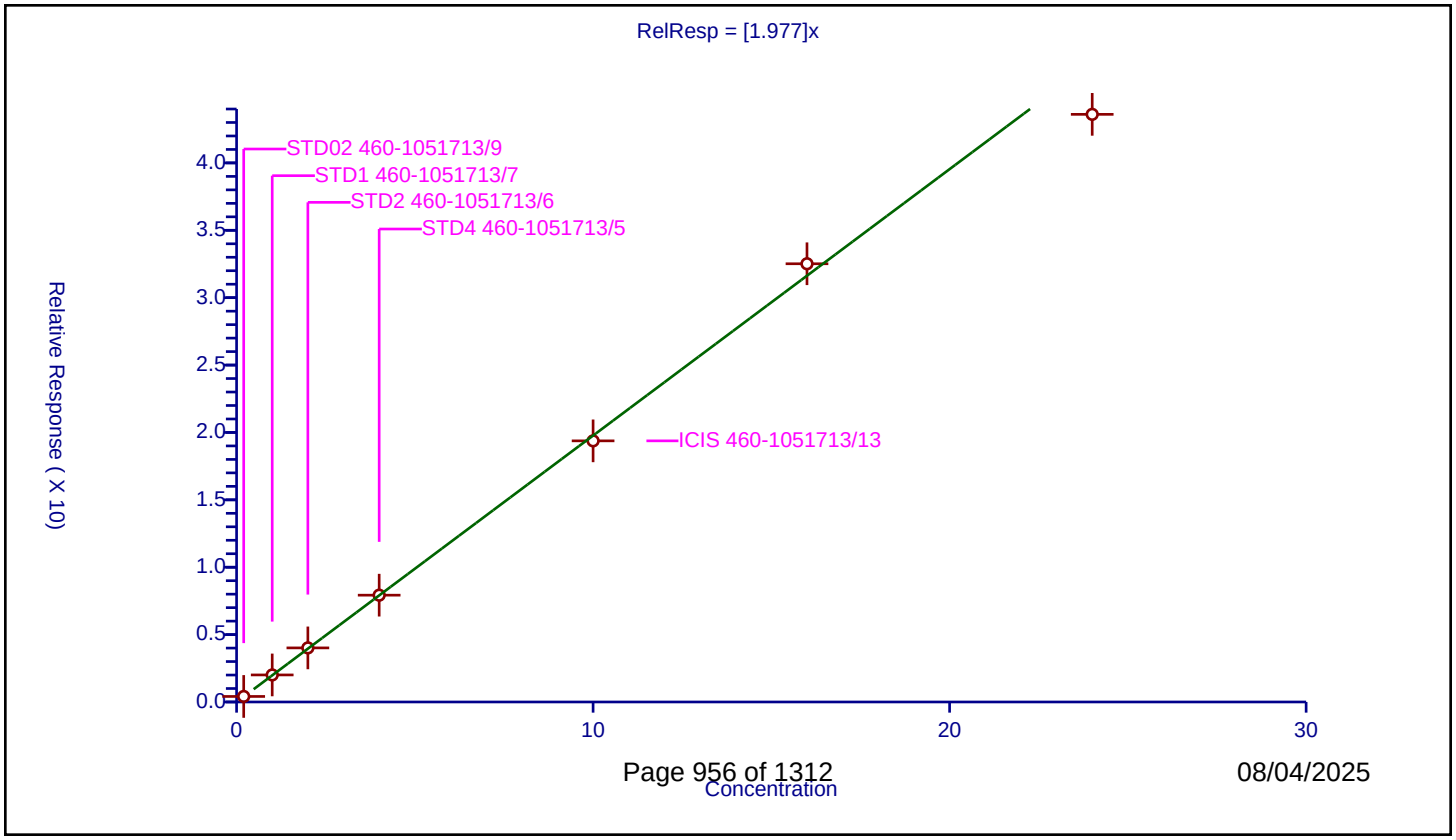
Curve Coefficients

Intercept:	0
Slope:	1.977

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.411021	8.0	2043029.0	2.055105	Y
2	STD1 460-1051713/7	1.0	2.008032	8.0	2065585.0	2.008032	Y
3	STD2 460-1051713/6	2.0	4.013835	8.0	1947769.0	2.006918	Y
4	STD4 460-1051713/5	4.0	7.926588	8.0	2039992.0	1.981647	Y
5	ICIS 460-1051713/13	10.0	19.375776	8.0	1650979.0	1.937578	Y
6	STD16 460-1051713/4	16.0	32.516706	8.0	1843200.0	2.032294	Y
7	STD24 460-1051713/3	24.0	43.603401	8.0	1691016.0	1.816808	Y



Calibration

/ 3 & 4 Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

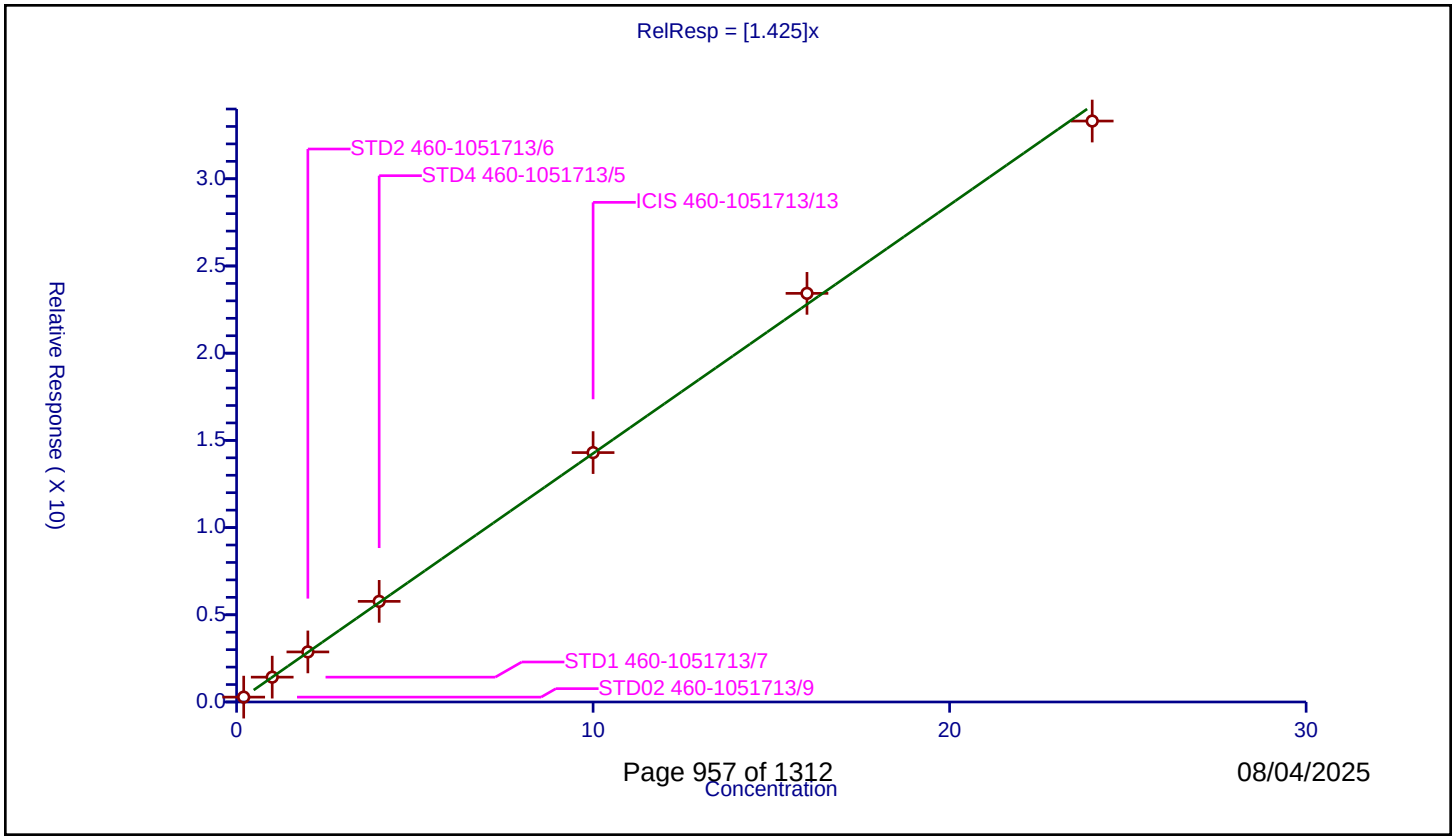
Curve Coefficients

Intercept:	0
Slope:	1.425

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.278336	8.0	2043029.0	1.391679	Y
2	STD1 460-1051713/7	1.0	1.42403	8.0	2065585.0	1.42403	Y
3	STD2 460-1051713/6	2.0	2.87124	8.0	1947769.0	1.43562	Y
4	STD4 460-1051713/5	4.0	5.76943	8.0	2039992.0	1.442358	Y
5	ICIS 460-1051713/13	10.0	14.299491	8.0	1650979.0	1.429949	Y
6	STD16 460-1051713/4	16.0	23.43003	8.0	1843200.0	1.464377	Y
7	STD24 460-1051713/3	24.0	33.309759	8.0	1691016.0	1.387907	Y



Calibration / 4-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

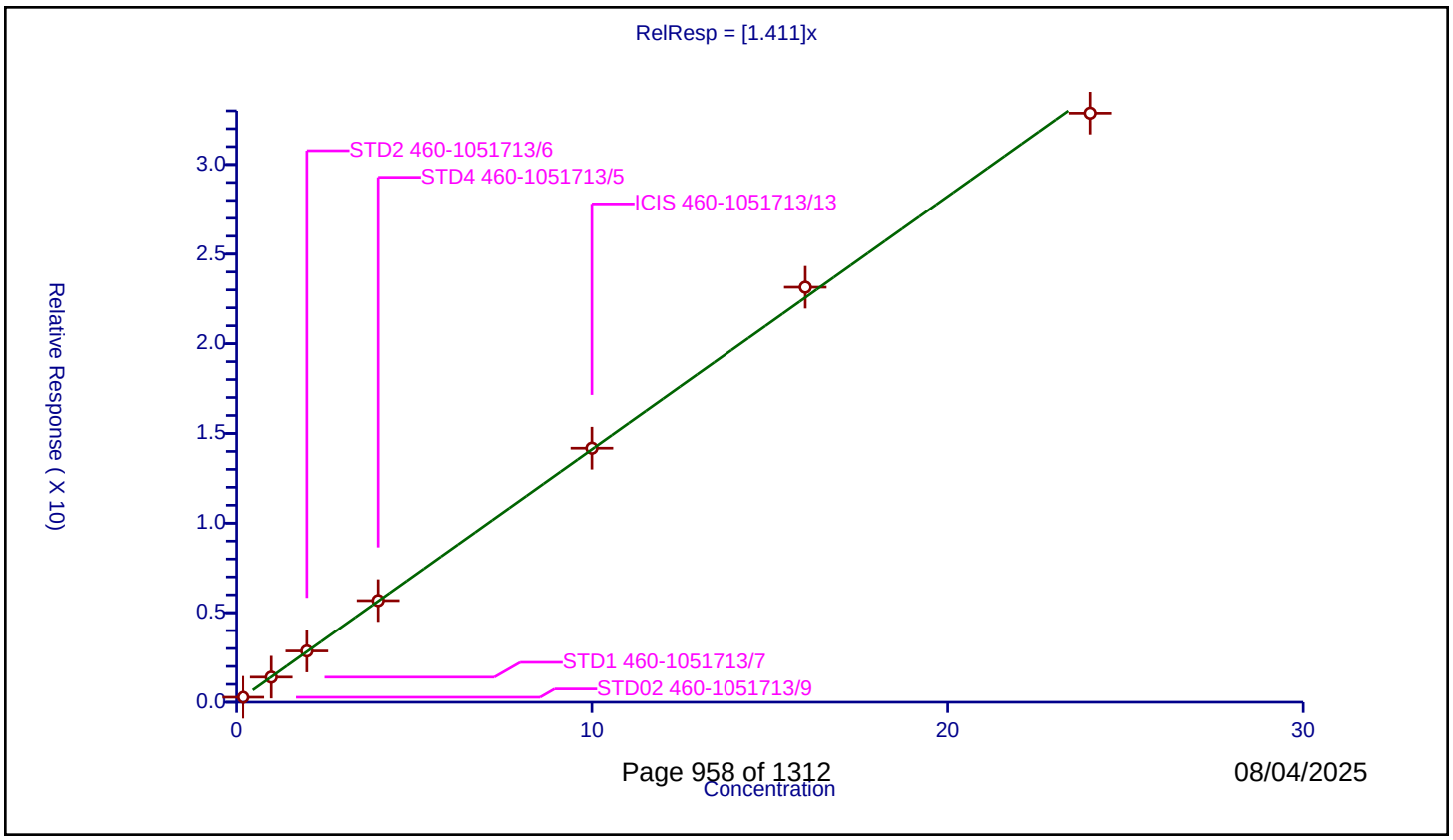
Curve Coefficients

Intercept:	0
Slope:	1.411

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.278336	8.0	2043029.0	1.391679	Y
2	STD1 460-1051713/7	1.0	1.400885	8.0	2065585.0	1.400885	Y
3	STD2 460-1051713/6	2.0	2.860598	8.0	1947769.0	1.430299	Y
4	STD4 460-1051713/5	4.0	5.677622	8.0	2039992.0	1.419406	Y
5	ICIS 460-1051713/13	10.0	14.177784	8.0	1650979.0	1.417778	Y
6	STD16 460-1051713/4	16.0	23.14987	8.0	1843200.0	1.446867	Y
7	STD24 460-1051713/3	24.0	32.868737	8.0	1691016.0	1.369531	Y



Calibration / N-Nitrosodi-n-propylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

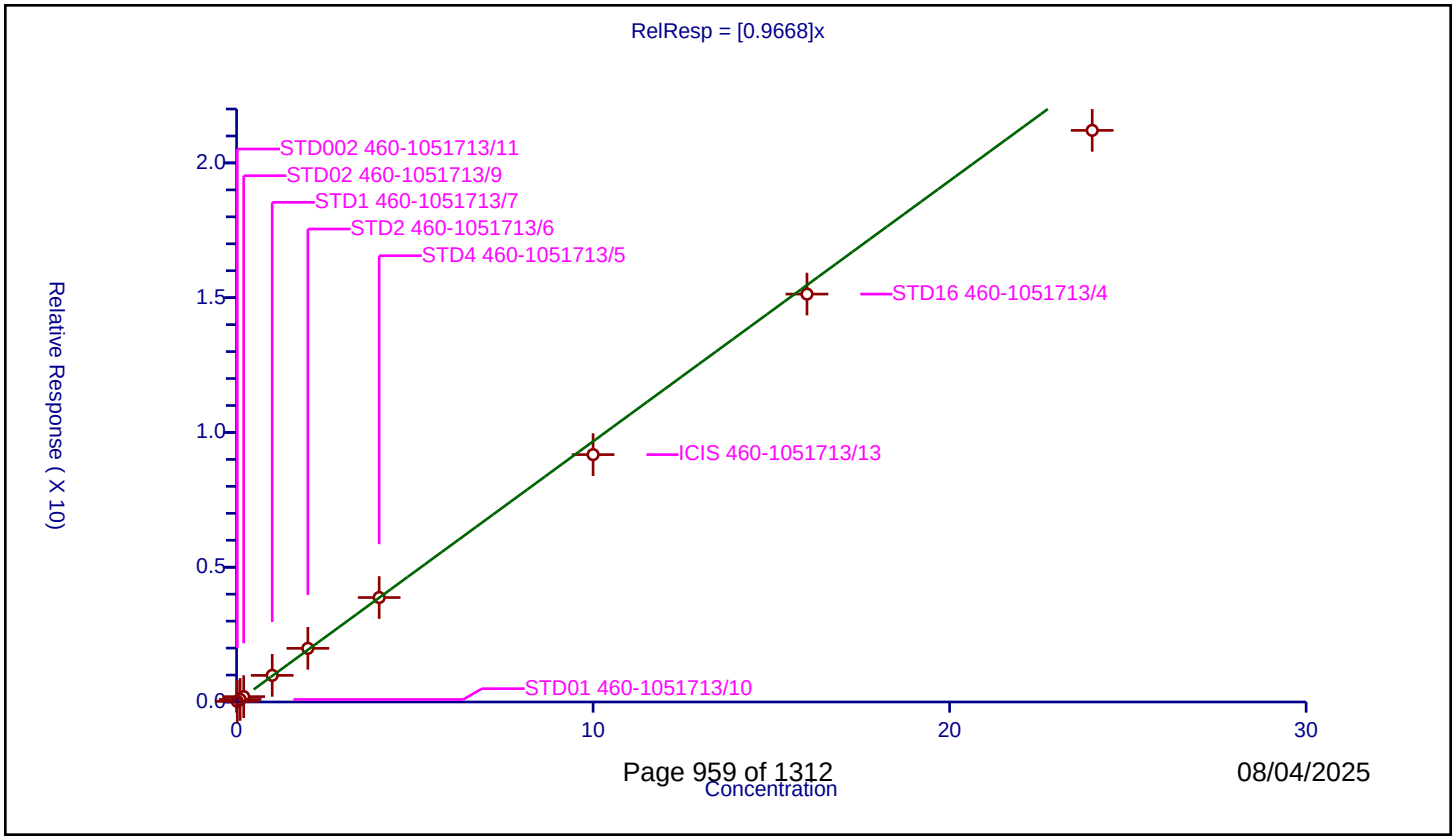
Curve Coefficients

Intercept:	0
Slope:	0.9668

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.021365	8.0	1766241.0	1.068257	Y
2	STD01 460-1051713/10	0.1	0.094288	8.0	2059988.0	0.942879	Y
3	STD02 460-1051713/9	0.2	0.198169	8.0	2043029.0	0.990843	Y
4	STD1 460-1051713/7	1.0	0.988229	8.0	2065585.0	0.988229	Y
5	STD2 460-1051713/6	2.0	1.989653	8.0	1947769.0	0.994826	Y
6	STD4 460-1051713/5	4.0	3.875423	8.0	2039992.0	0.968856	Y
7	ICIS 460-1051713/13	10.0	9.178016	8.0	1650979.0	0.917802	Y
8	STD16 460-1051713/4	16.0	15.134201	8.0	1843200.0	0.945888	Y
9	STD24 460-1051713/3	24.0	21.207478	8.0	1691016.0	0.883645	Y



Calibration / Hexachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

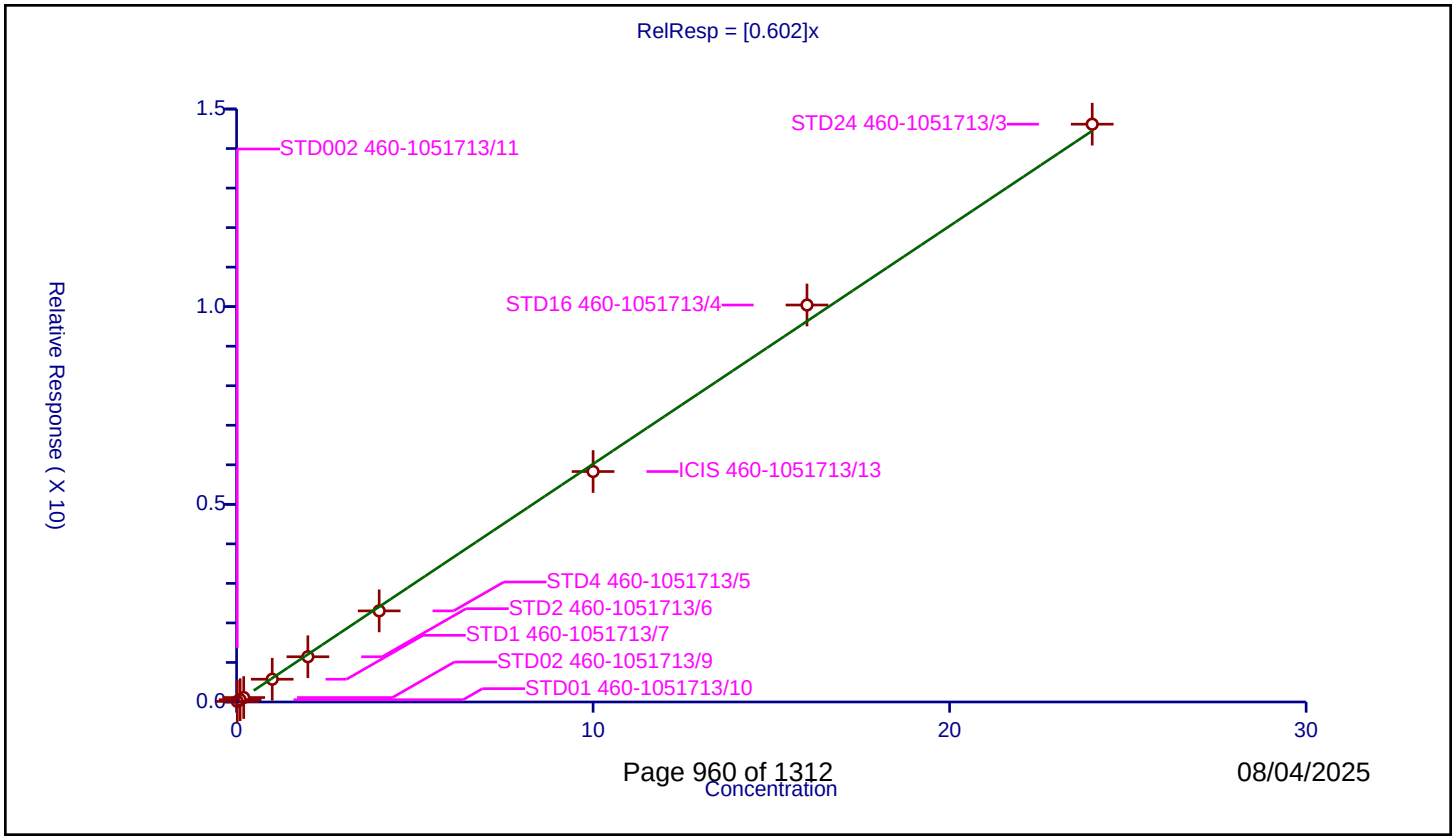
Curve Coefficients

Intercept:	0
Slope:	0.602

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.014748	8.0	1766241.0	0.737385	Y
2	STD01 460-1051713/10	0.1	0.057426	8.0	2059988.0	0.574256	Y
3	STD02 460-1051713/9	0.2	0.112594	8.0	2043029.0	0.562968	Y
4	STD1 460-1051713/7	1.0	0.575732	8.0	2065585.0	0.575732	Y
5	STD2 460-1051713/6	2.0	1.144505	8.0	1947769.0	0.572253	Y
6	STD4 460-1051713/5	4.0	2.304523	8.0	2039992.0	0.576131	Y
7	ICIS 460-1051713/13	10.0	5.829903	8.0	1650979.0	0.58299	Y
8	STD16 460-1051713/4	16.0	10.041645	8.0	1843200.0	0.627603	Y
9	STD24 460-1051713/3	24.0	14.616018	8.0	1691016.0	0.609001	Y



Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

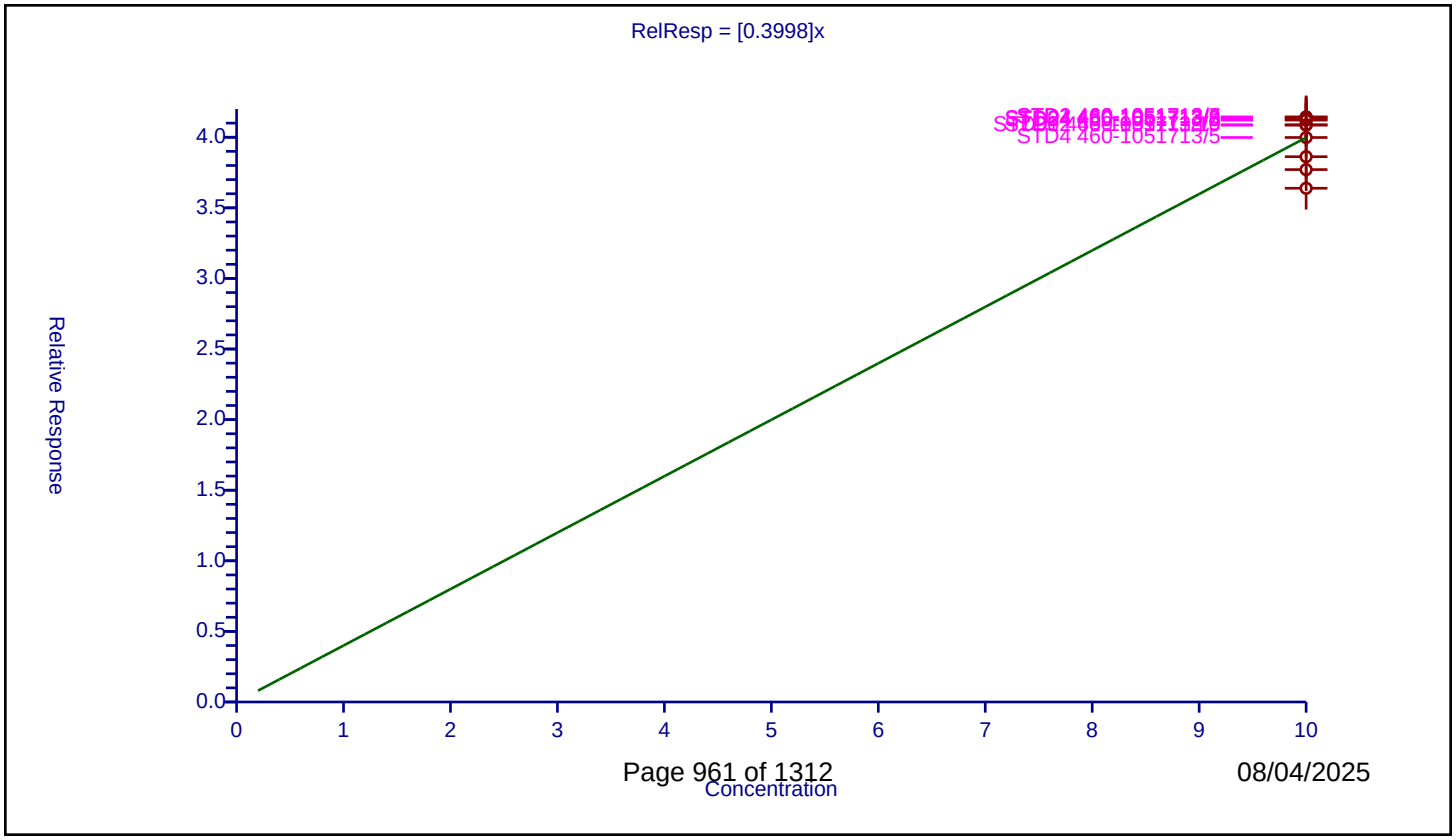
Curve Coefficients

Intercept:	0
Slope:	0.3998

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD24 460-1051713/3	10.0	4.121197	8.0	6510877.0	0.41212	Y
2	STD16 460-1051713/4	10.0	3.770791	8.0	6963175.0	0.377079	Y
3	STD4 460-1051713/5	10.0	3.998263	8.0	7870881.0	0.399826	Y
4	STD2 460-1051713/6	10.0	4.144286	8.0	7683414.0	0.414429	Y
5	STD1 460-1051713/7	10.0	4.140514	8.0	8017126.0	0.414051	Y
6	STD04 460-1051713/8	10.0	4.126699	8.0	7925061.0	0.41267	Y
7	STD02 460-1051713/9	10.0	4.085864	8.0	8018300.0	0.408586	Y
8	STD01 460-1051713/10	10.0	4.088195	8.0	7958231.0	0.408819	Y
9	STD002 460-1051713/11	10.0	3.86222	8.0	7008322.0	0.386222	Y
10	ICIS 460-1051713/13	10.0	3.638822	8.0	6276115.0	0.363882	Y



Calibration / Nitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

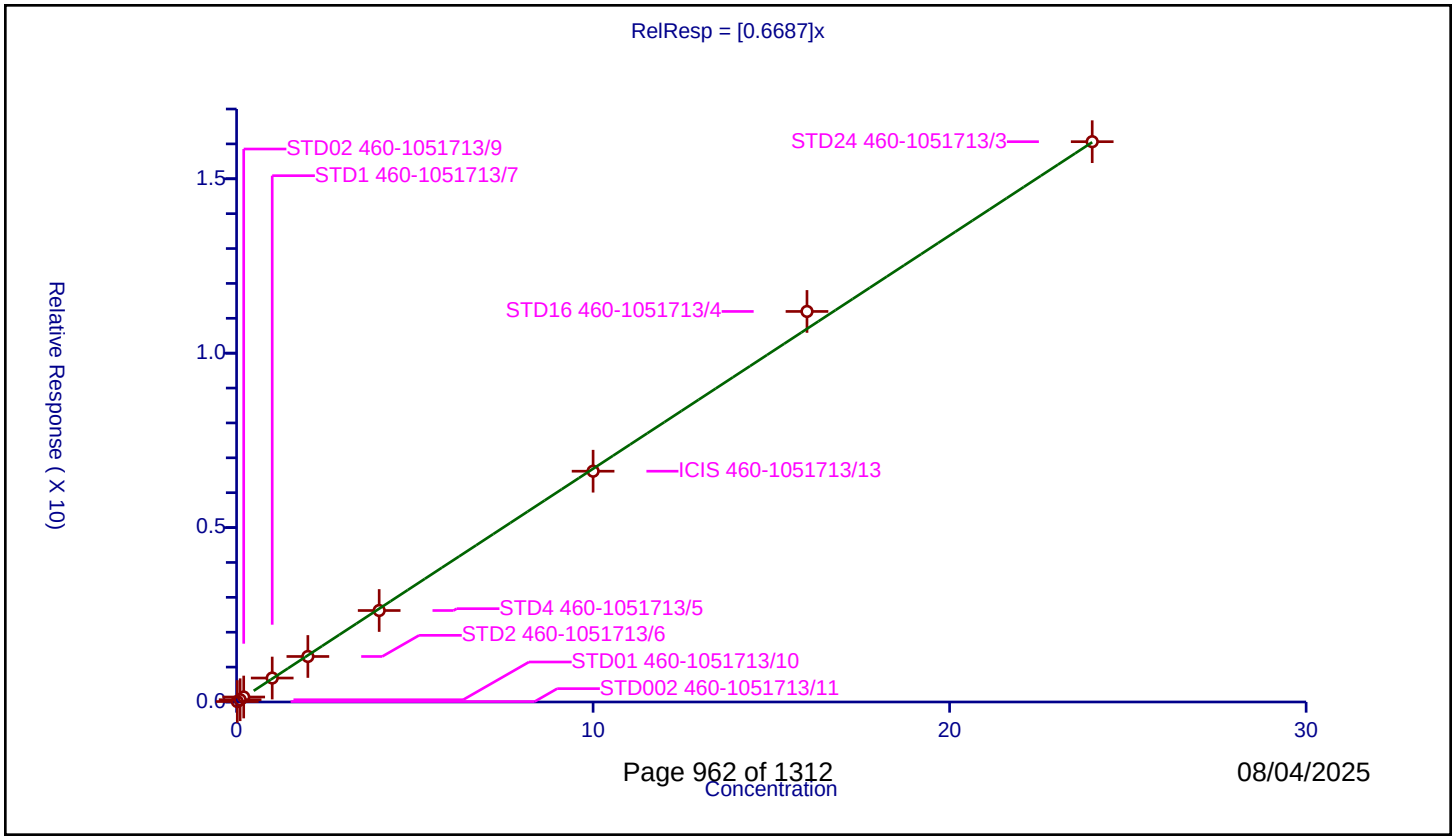
Curve Coefficients

Intercept:	0
Slope:	0.6687

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.012642	8.0	1766241.0	0.632077	Y
2	STD01 460-1051713/10	0.1	0.064773	8.0	2059988.0	0.647732	Y
3	STD02 460-1051713/9	0.2	0.14253	8.0	2043029.0	0.712648	Y
4	STD1 460-1051713/7	1.0	0.686891	8.0	2065585.0	0.686891	Y
5	STD2 460-1051713/6	2.0	1.304841	8.0	1947769.0	0.65242	Y
6	STD4 460-1051713/5	4.0	2.622638	8.0	2039992.0	0.655659	Y
7	ICIS 460-1051713/13	10.0	6.616079	8.0	1650979.0	0.661608	Y
8	STD16 460-1051713/4	16.0	11.196319	8.0	1843200.0	0.69977	Y
9	STD24 460-1051713/3	24.0	16.063403	8.0	1691016.0	0.669308	Y



Calibration / n,n'-Dimethylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

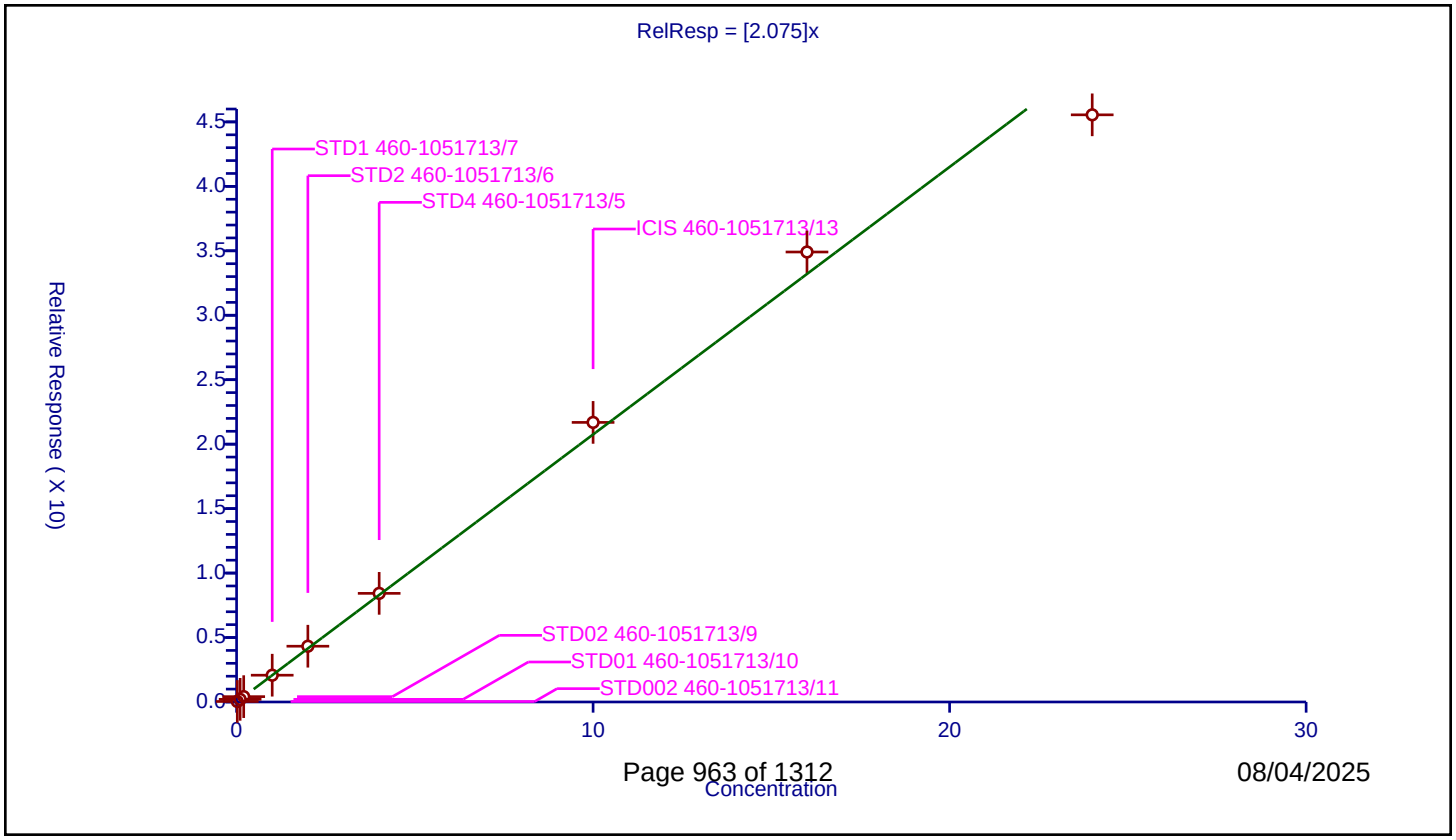
Curve Coefficients

Intercept:	0
Slope:	2.075

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.039102	8.0	1766241.0	1.955113	Y
2	STD01 460-1051713/10	0.1	0.205399	8.0	2059988.0	2.053993	Y
3	STD02 460-1051713/9	0.2	0.414193	8.0	2043029.0	2.070964	Y
4	STD1 460-1051713/7	1.0	2.078543	8.0	2065585.0	2.078543	Y
5	STD2 460-1051713/6	2.0	4.326743	8.0	1947769.0	2.163372	Y
6	STD4 460-1051713/5	4.0	8.427268	8.0	2039992.0	2.106817	Y
7	ICIS 460-1051713/13	10.0	21.689865	8.0	1650979.0	2.168987	Y
8	STD16 460-1051713/4	16.0	34.908069	8.0	1843200.0	2.181754	Y
9	STD24 460-1051713/3	24.0	45.548839	8.0	1691016.0	1.897868	Y



Calibration / Isophorone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

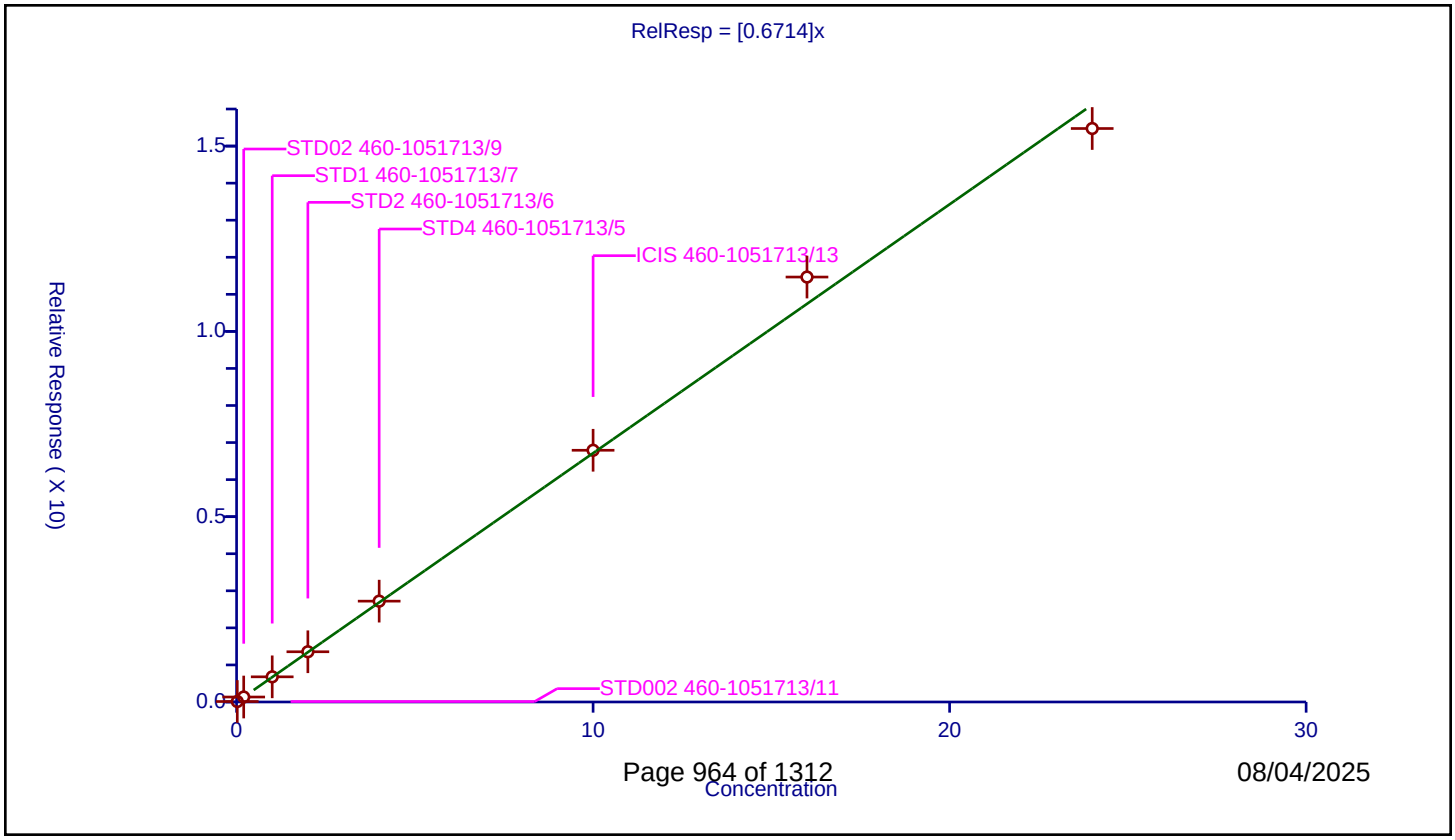
Curve Coefficients

Intercept:	0
Slope:	0.6714

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.012426	8.0	7008322.0	0.621318	Y
2	STD02 460-1051713/9	0.2	0.134477	8.0	8018300.0	0.672387	Y
3	STD1 460-1051713/7	1.0	0.679071	8.0	8017126.0	0.679071	Y
4	STD2 460-1051713/6	2.0	1.355356	8.0	7683414.0	0.677678	Y
5	STD4 460-1051713/5	4.0	2.721178	8.0	7870881.0	0.680295	Y
6	ICIS 460-1051713/13	10.0	6.792096	8.0	6276115.0	0.67921	Y
7	STD16 460-1051713/4	16.0	11.466254	8.0	6963175.0	0.716641	Y
8	STD24 460-1051713/3	24.0	15.47413	8.0	6510877.0	0.644755	Y



Calibration / 2-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

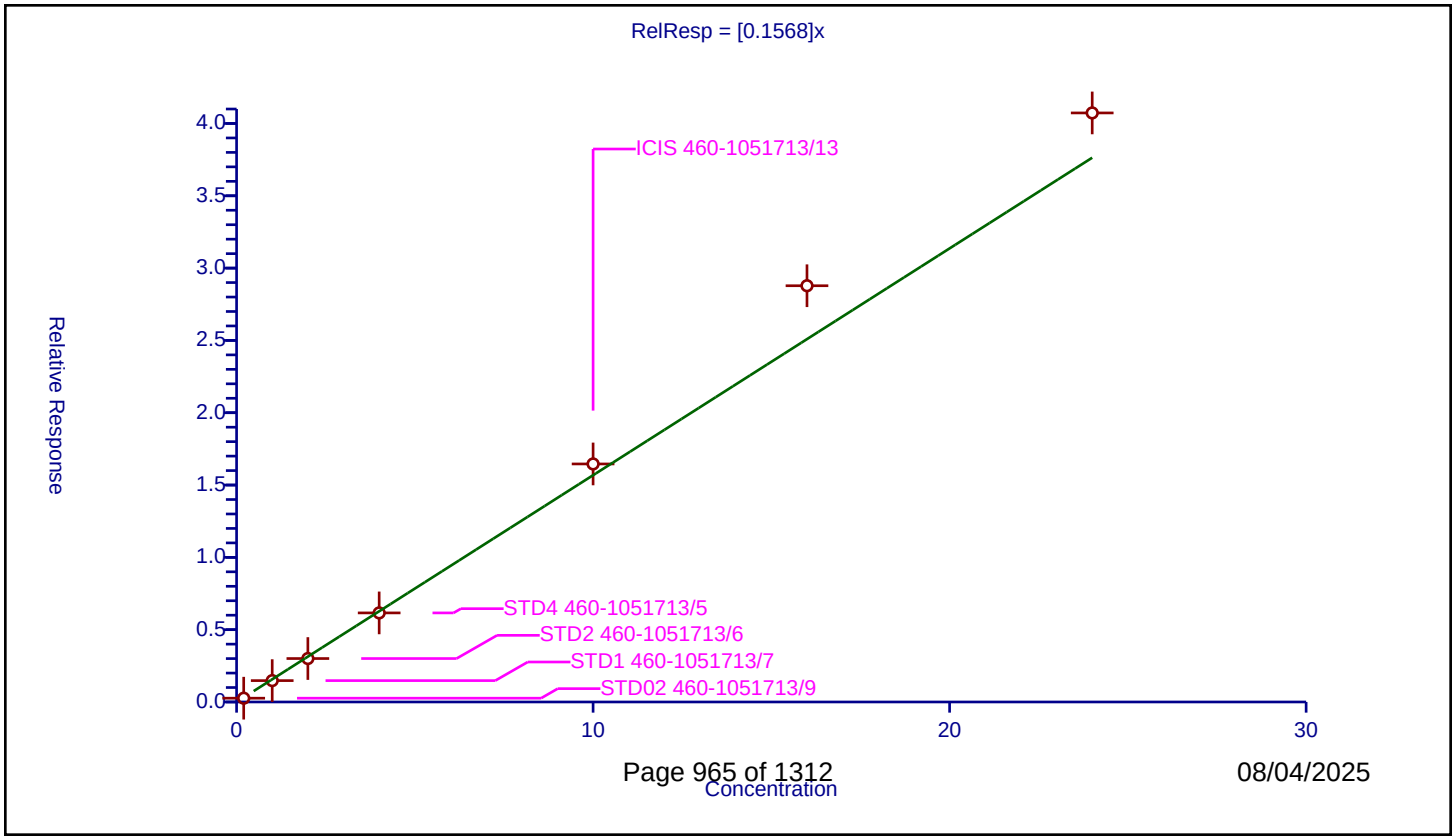
Curve Coefficients

Intercept:	0
Slope:	0.1568

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.026313	8.0	8018300.0	0.131564	Y
2	STD1 460-1051713/7	1.0	0.147753	8.0	8017126.0	0.147753	Y
3	STD2 460-1051713/6	2.0	0.300379	8.0	7683414.0	0.150189	Y
4	STD4 460-1051713/5	4.0	0.615871	8.0	7870881.0	0.153968	Y
5	ICIS 460-1051713/13	10.0	1.645962	8.0	6276115.0	0.164596	Y
6	STD16 460-1051713/4	16.0	2.878035	8.0	6963175.0	0.179877	Y
7	STD24 460-1051713/3	24.0	4.072815	8.0	6510877.0	0.169701	Y



08/04/2025

Calibration / 2,4-Dimethylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

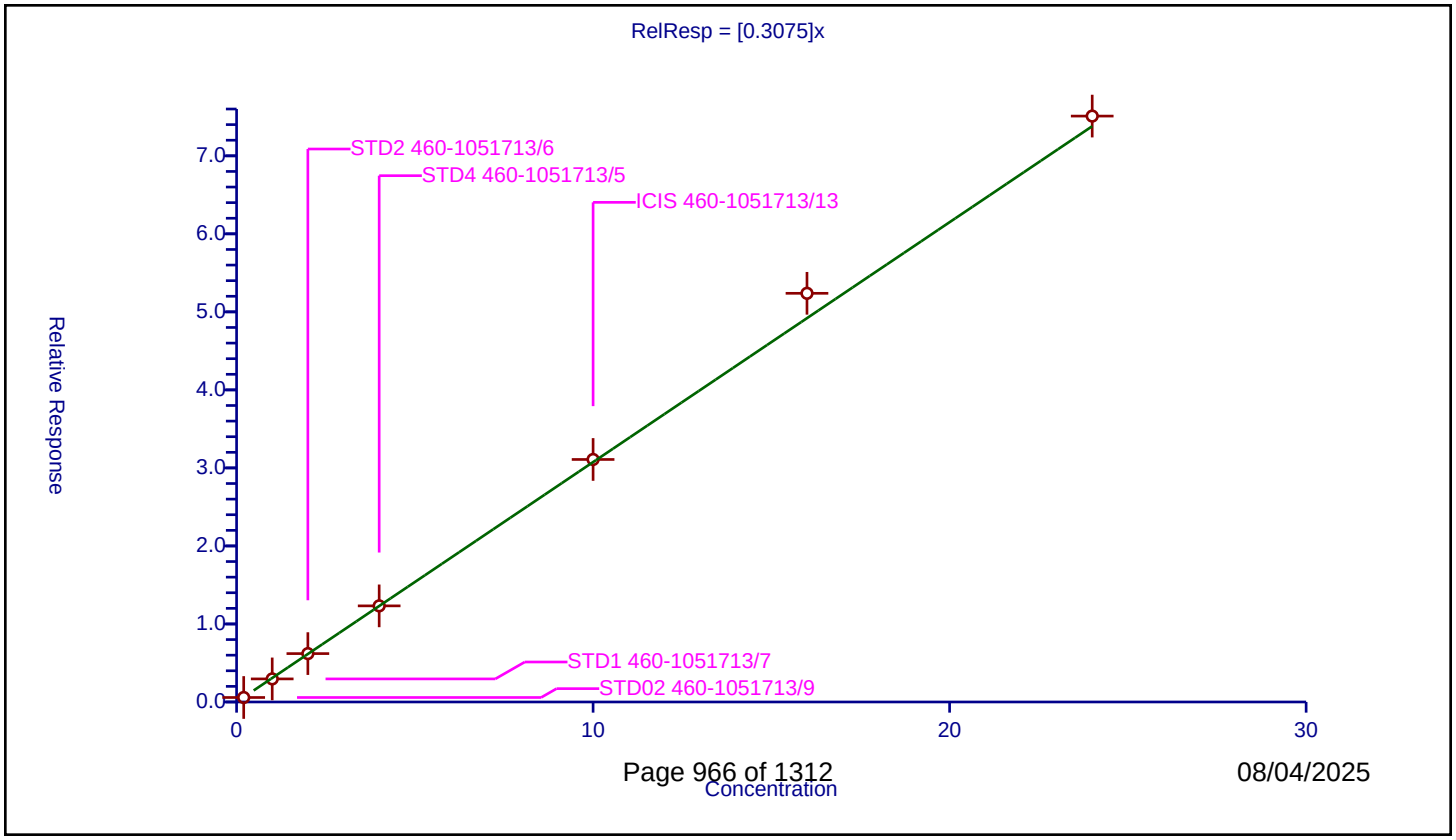
Curve Coefficients

Intercept:	0
Slope:	0.3075

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.057498	8.0	8018300.0	0.287492	Y
2	STD1 460-1051713/7	1.0	0.295694	8.0	8017126.0	0.295694	Y
3	STD2 460-1051713/6	2.0	0.620046	8.0	7683414.0	0.310023	Y
4	STD4 460-1051713/5	4.0	1.231815	8.0	7870881.0	0.307954	Y
5	ICIS 460-1051713/13	10.0	3.108361	8.0	6276115.0	0.310836	Y
6	STD16 460-1051713/4	16.0	5.238124	8.0	6963175.0	0.327383	Y
7	STD24 460-1051713/3	24.0	7.509578	8.0	6510877.0	0.312899	Y



Calibration / Benzoic acid

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

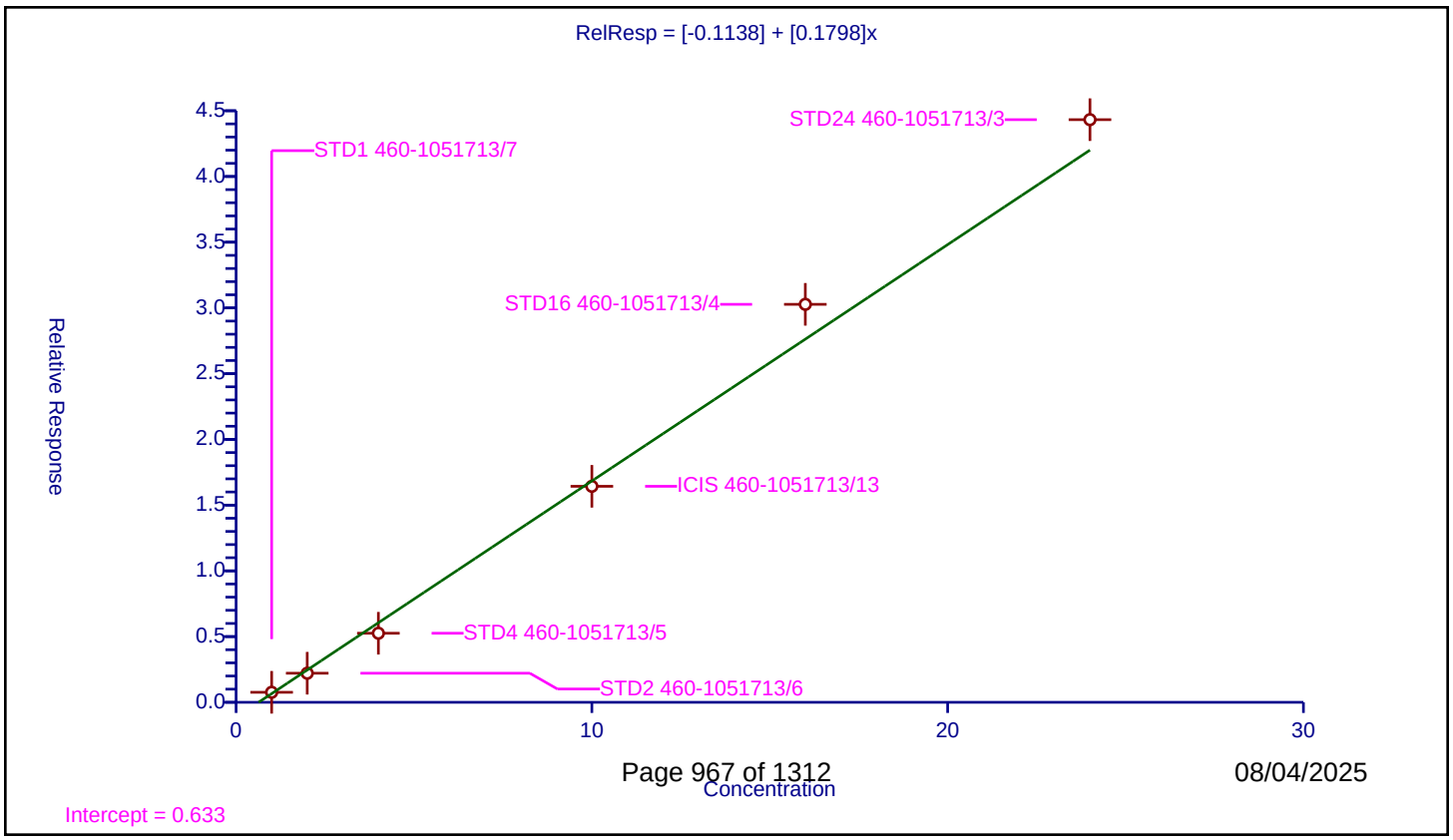
Curve Coefficients

Intercept:	-0.1138
Slope:	0.1798

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1051713/7	1.0	0.076094	8.0	8017126.0	0.076094	Y
2	STD2 460-1051713/6	2.0	0.221278	8.0	7683414.0	0.110639	Y
3	STD4 460-1051713/5	4.0	0.525487	8.0	7870881.0	0.131372	Y
4	ICIS 460-1051713/13	10.0	1.643097	8.0	6276115.0	0.16431	Y
5	STD16 460-1051713/4	16.0	3.027282	8.0	6963175.0	0.189205	Y
6	STD24 460-1051713/3	24.0	4.432227	8.0	6510877.0	0.184676	Y



Calibration / Bis(2-chloroethoxy)methane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

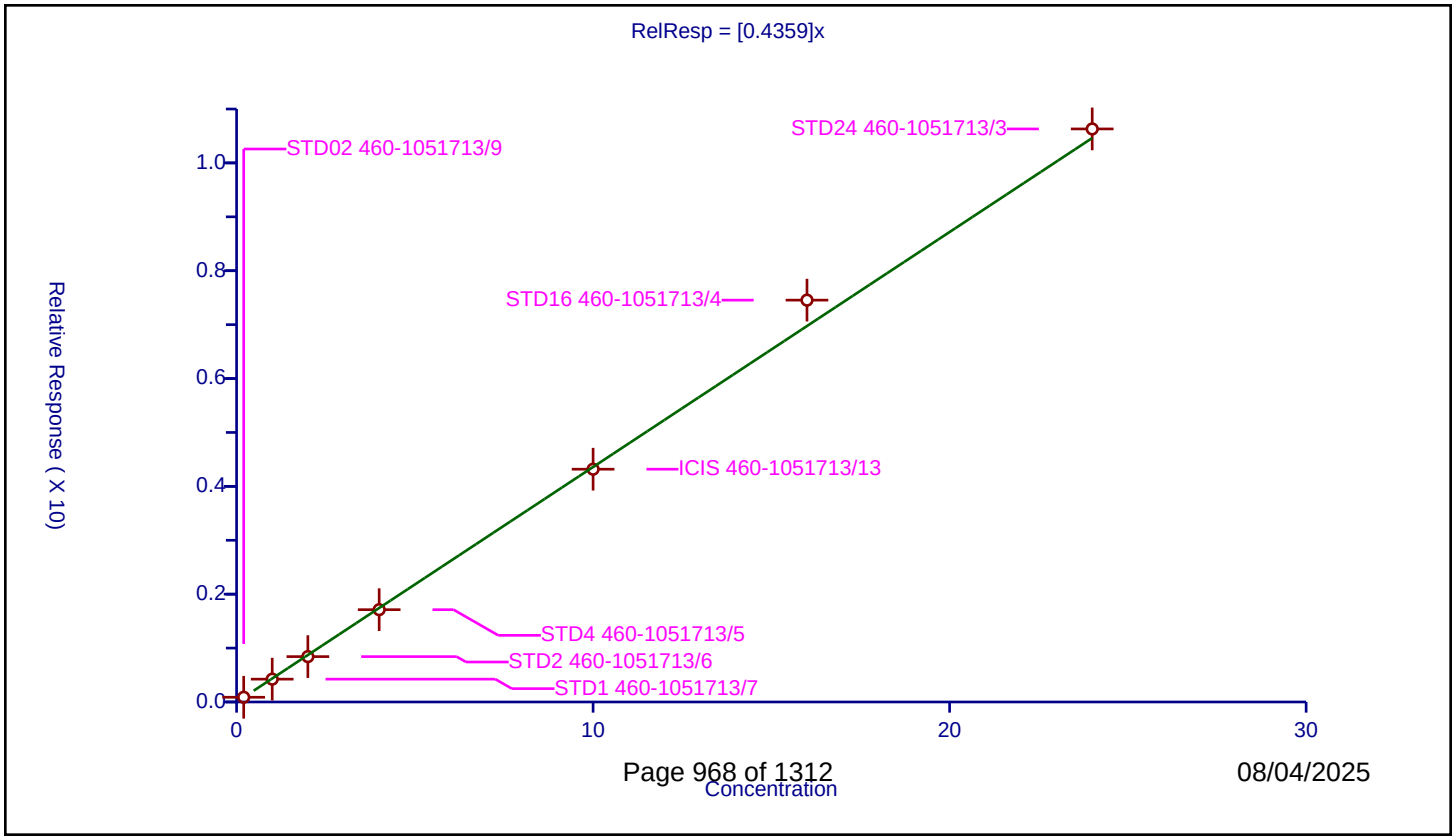
Curve Coefficients

Intercept:	0
Slope:	0.4359

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.087613	8.0	8018300.0	0.438063	Y
2	STD1 460-1051713/7	1.0	0.423583	8.0	8017126.0	0.423583	Y
3	STD2 460-1051713/6	2.0	0.841752	8.0	7683414.0	0.420876	Y
4	STD4 460-1051713/5	4.0	1.712507	8.0	7870881.0	0.428127	Y
5	ICIS 460-1051713/13	10.0	4.31826	8.0	6276115.0	0.431826	Y
6	STD16 460-1051713/4	16.0	7.454496	8.0	6963175.0	0.465906	Y
7	STD24 460-1051713/3	24.0	10.630223	8.0	6510877.0	0.442926	Y



Calibration / 2,4-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

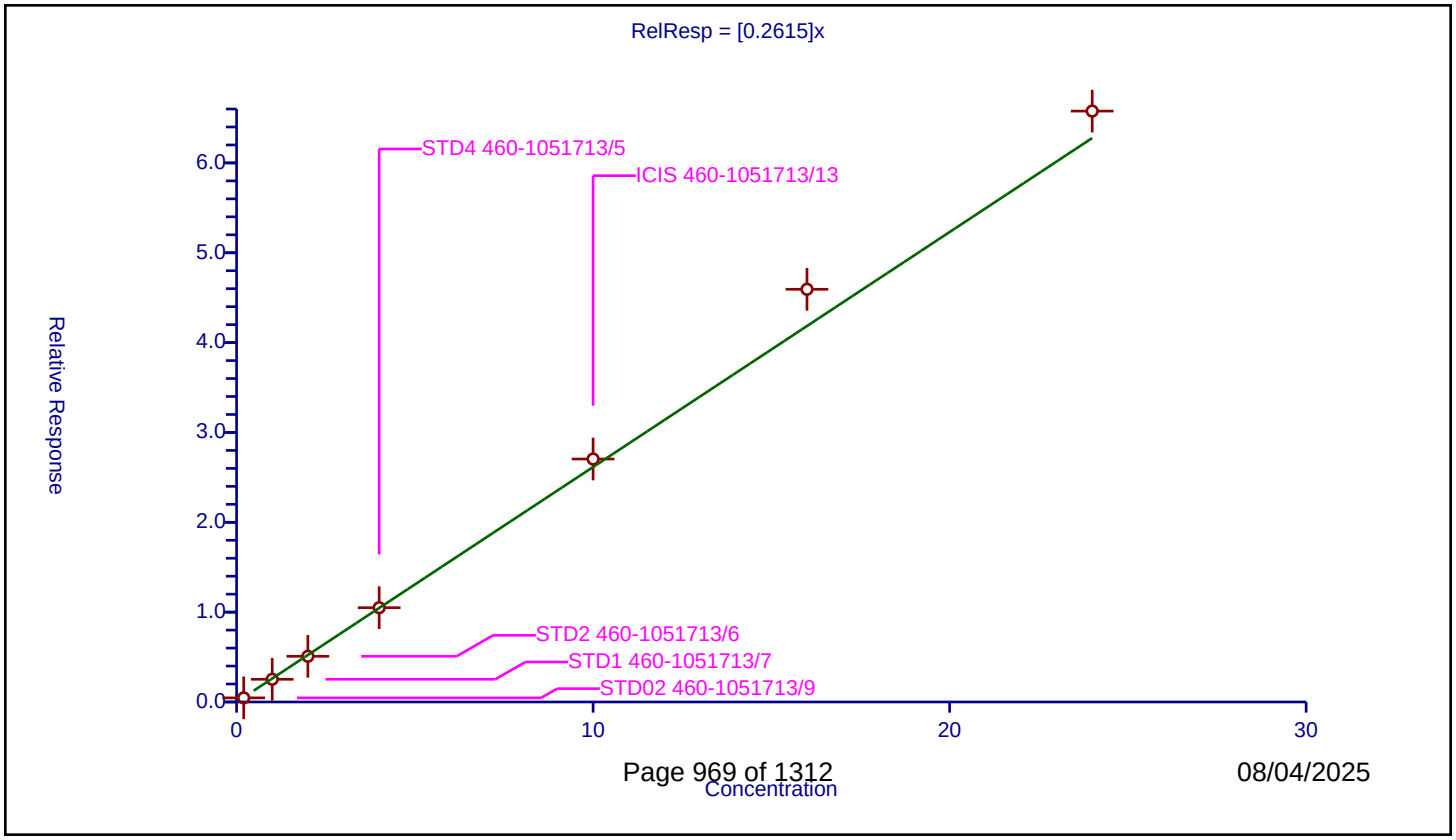
Curve Coefficients

Intercept:	0
Slope:	0.2615

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.045975	8.0	8018300.0	0.229874	Y
2	STD1 460-1051713/7	1.0	0.252633	8.0	8017126.0	0.252633	Y
3	STD2 460-1051713/6	2.0	0.508594	8.0	7683414.0	0.254297	Y
4	STD4 460-1051713/5	4.0	1.049426	8.0	7870881.0	0.262356	Y
5	ICIS 460-1051713/13	10.0	2.704261	8.0	6276115.0	0.270426	Y
6	STD16 460-1051713/4	16.0	4.593546	8.0	6963175.0	0.287097	Y
7	STD24 460-1051713/3	24.0	6.576794	8.0	6510877.0	0.274033	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

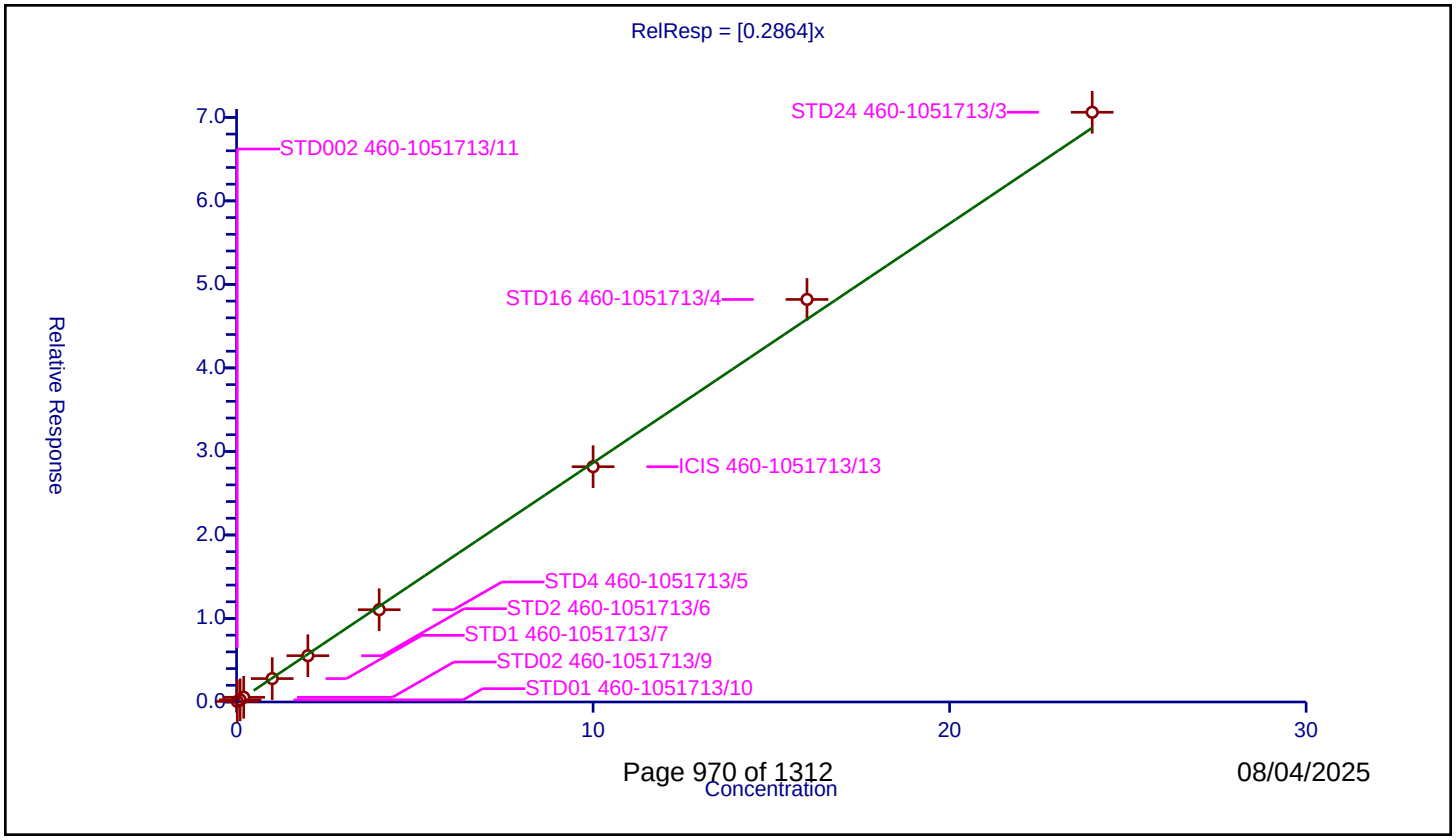
Curve Coefficients

Intercept:	0
Slope:	0.2864

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.006578	8.0	7008322.0	0.328923	Y
2	STD01 460-1051713/10	0.1	0.025619	8.0	7958231.0	0.256188	Y
3	STD02 460-1051713/9	0.2	0.056382	8.0	8018300.0	0.28191	Y
4	STD1 460-1051713/7	1.0	0.280264	8.0	8017126.0	0.280264	Y
5	STD2 460-1051713/6	2.0	0.554245	8.0	7683414.0	0.277123	Y
6	STD4 460-1051713/5	4.0	1.104941	8.0	7870881.0	0.276235	Y
7	ICIS 460-1051713/13	10.0	2.817345	8.0	6276115.0	0.281735	Y
8	STD16 460-1051713/4	16.0	4.820052	8.0	6963175.0	0.301253	Y
9	STD24 460-1051713/3	24.0	7.060967	8.0	6510877.0	0.294207	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

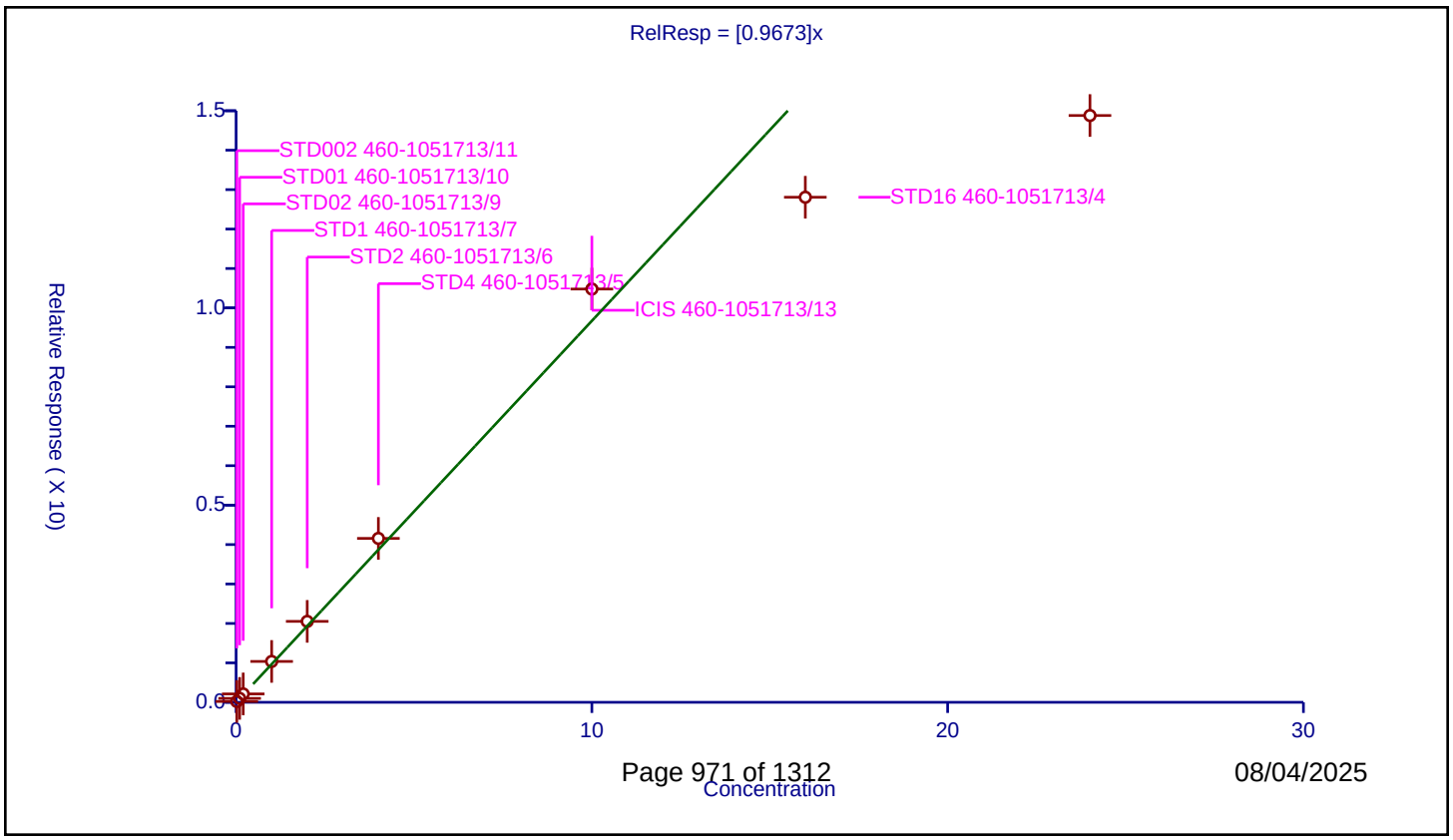
Curve Coefficients

Intercept:	0
Slope:	0.9673

Error Coefficients

Relative Standard Deviation:	15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.021481	8.0	7008322.0	1.074037	Y
2	STD01 460-1051713/10	0.1	0.099762	8.0	7958231.0	0.997619	Y
3	STD02 460-1051713/9	0.2	0.212737	8.0	8018300.0	1.063687	Y
4	STD1 460-1051713/7	1.0	1.036606	8.0	8017126.0	1.036606	Y
5	STD2 460-1051713/6	2.0	2.05225	8.0	7683414.0	1.026125	Y
6	STD4 460-1051713/5	4.0	4.156358	8.0	7870881.0	1.03909	Y
7	ICIS 460-1051713/13	10.0	10.479317	8.0	6276115.0	1.047932	Y
8	STD16 460-1051713/4	16.0	12.806702	8.0	6963175.0	0.800419	Y
9	STD24 460-1051713/3	24.0	14.879508	8.0	6510877.0	0.61998	Y



08/04/2025

Calibration / 4-Chloroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

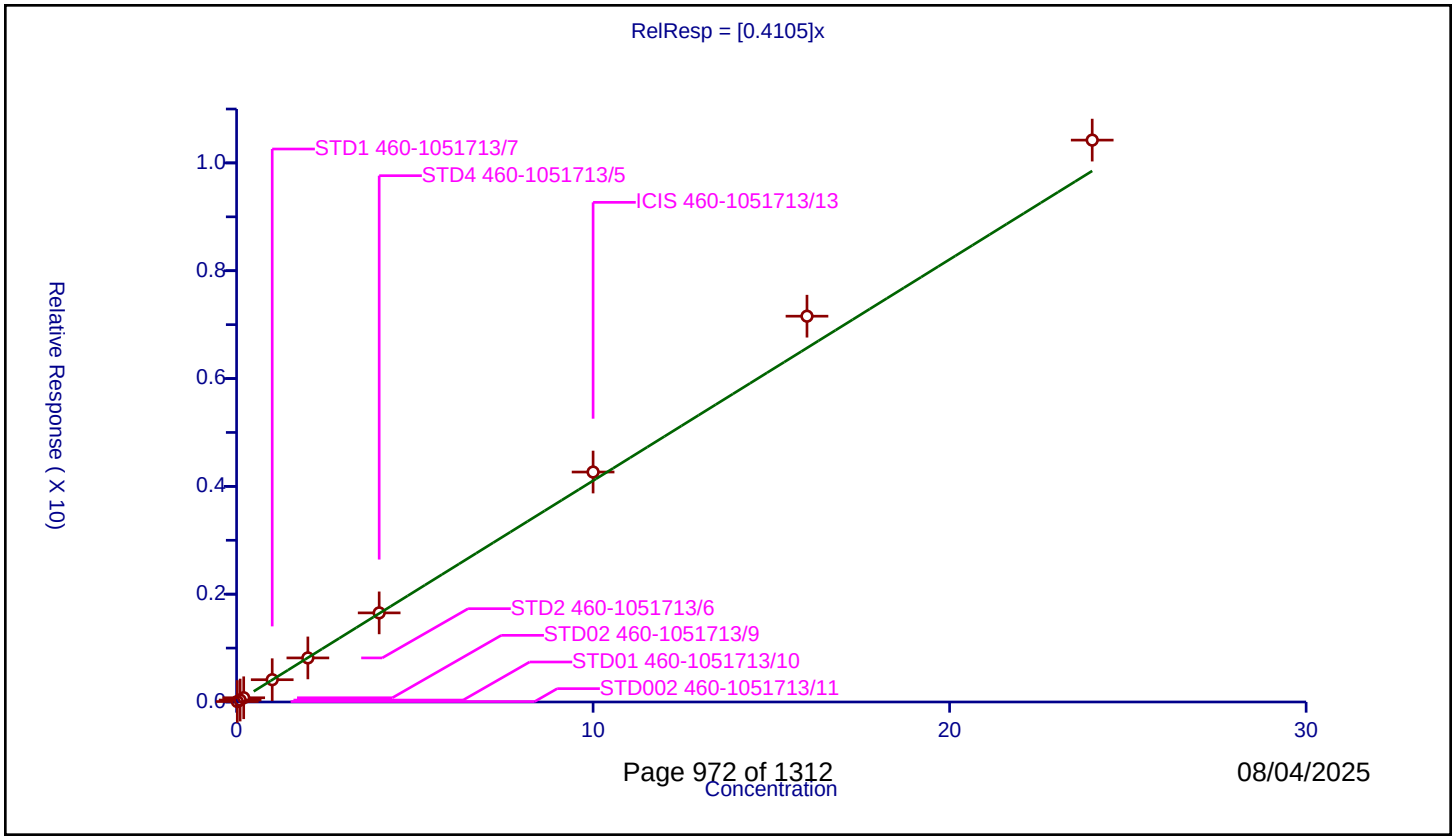
Curve Coefficients

Intercept:	0
Slope:	0.4105

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.008029	8.0	7008322.0	0.401466	Y
2	STD01 460-1051713/10	0.1	0.03579	8.0	7958231.0	0.357899	Y
3	STD02 460-1051713/9	0.2	0.078258	8.0	8018300.0	0.39129	Y
4	STD1 460-1051713/7	1.0	0.413482	8.0	8017126.0	0.413482	Y
5	STD2 460-1051713/6	2.0	0.81744	8.0	7683414.0	0.40872	Y
6	STD4 460-1051713/5	4.0	1.653115	8.0	7870881.0	0.413279	Y
7	ICIS 460-1051713/13	10.0	4.265856	8.0	6276115.0	0.426586	Y
8	STD16 460-1051713/4	16.0	7.156975	8.0	6963175.0	0.447311	Y
9	STD24 460-1051713/3	24.0	10.423215	8.0	6510877.0	0.434301	Y



Calibration / 2,6-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

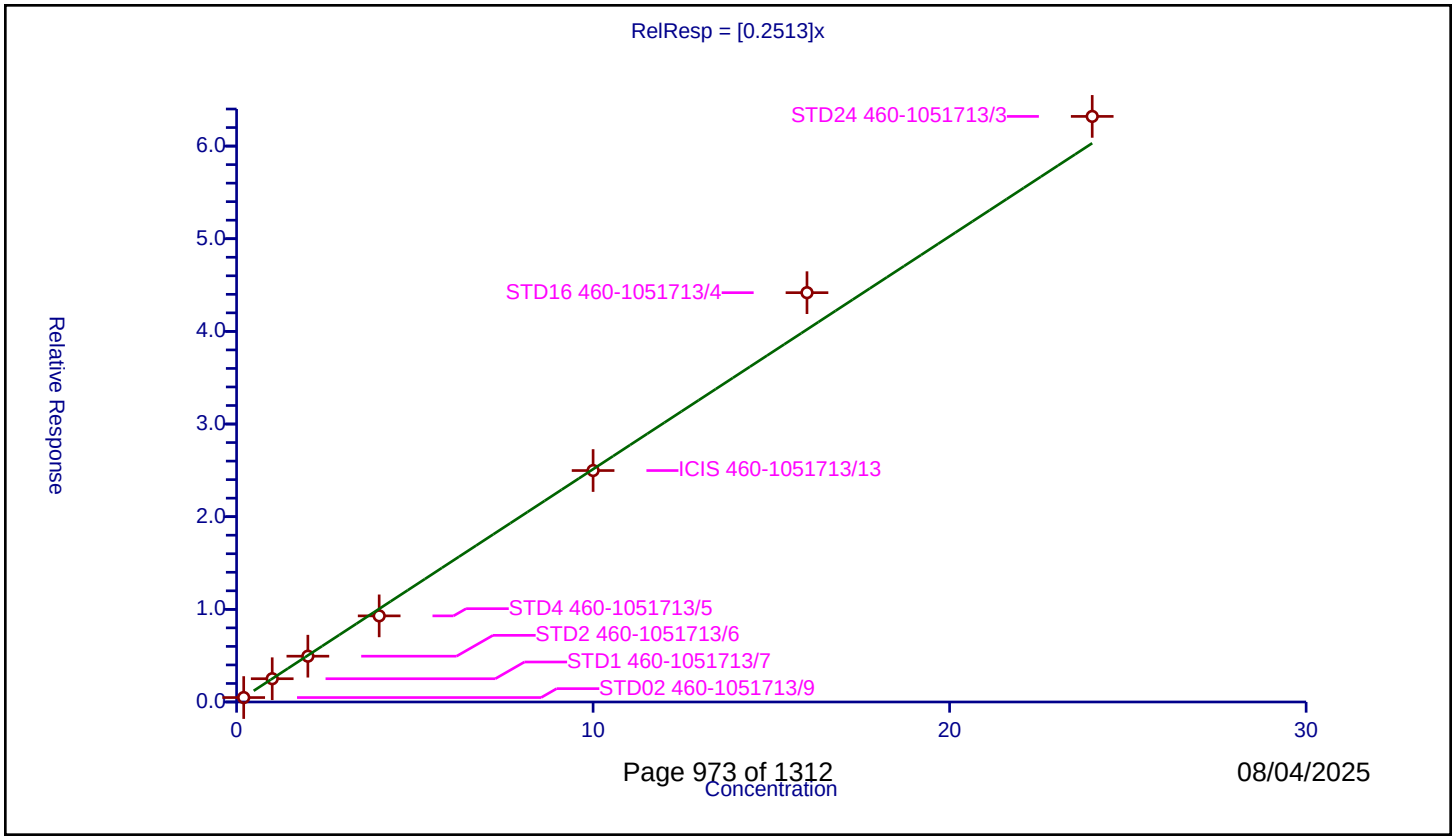
Curve Coefficients

Intercept:	0
Slope:	0.2513

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.047806	8.0	8018300.0	0.239028	Y
2	STD1 460-1051713/7	1.0	0.251252	8.0	8017126.0	0.251252	Y
3	STD2 460-1051713/6	2.0	0.494198	8.0	7683414.0	0.247099	Y
4	STD4 460-1051713/5	4.0	0.929589	8.0	7870881.0	0.232397	Y
5	ICIS 460-1051713/13	10.0	2.498078	8.0	6276115.0	0.249808	Y
6	STD16 460-1051713/4	16.0	4.417733	8.0	6963175.0	0.276108	Y
7	STD24 460-1051713/3	24.0	6.320277	8.0	6510877.0	0.263345	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

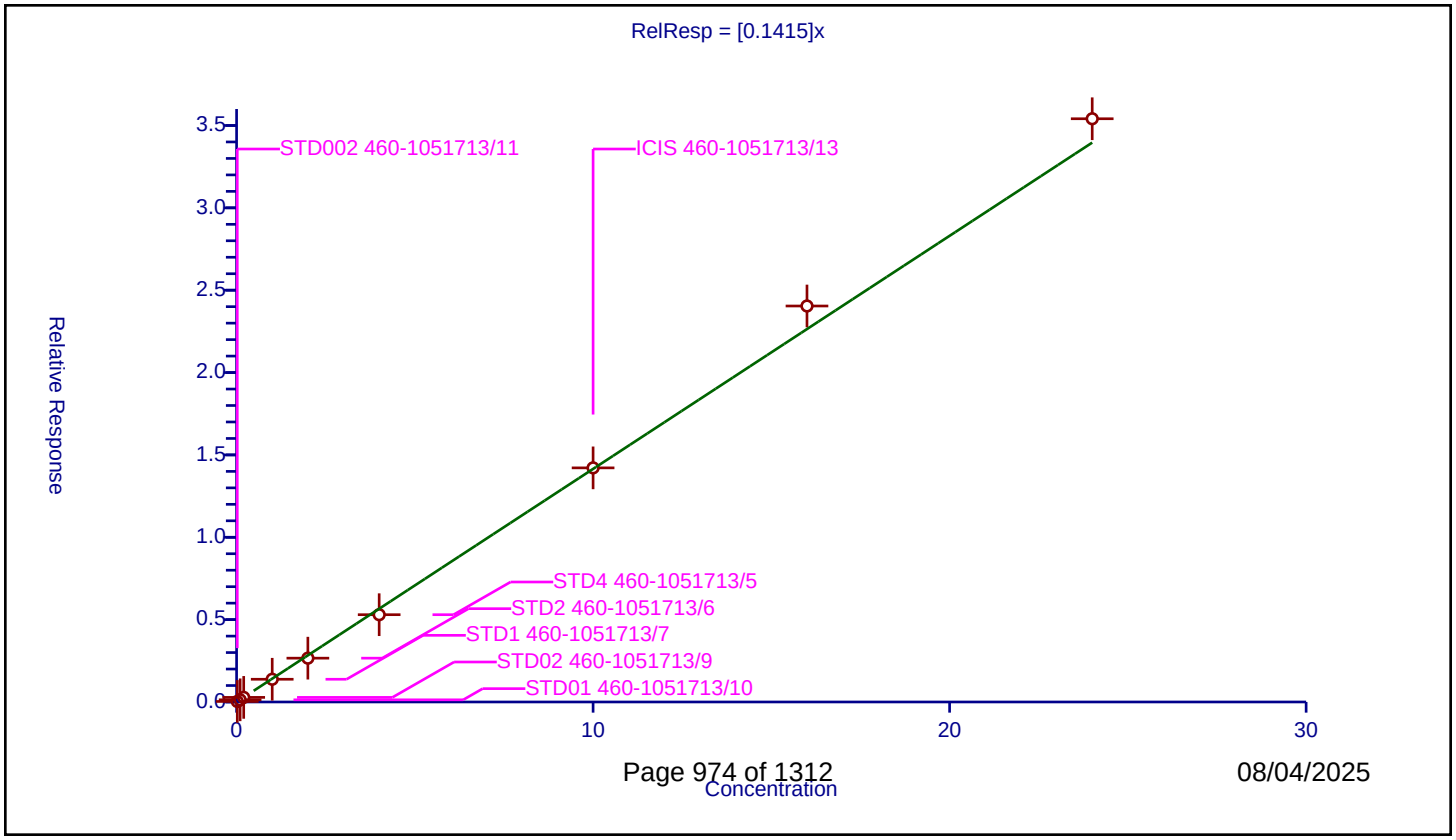
Curve Coefficients

Intercept:	0
Slope:	0.1415

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.003159	8.0	7008322.0	0.157927	Y
2	STD01 460-1051713/10	0.1	0.013223	8.0	7958231.0	0.13223	Y
3	STD02 460-1051713/9	0.2	0.027976	8.0	8018300.0	0.13988	Y
4	STD1 460-1051713/7	1.0	0.138051	8.0	8017126.0	0.138051	Y
5	STD2 460-1051713/6	2.0	0.266084	8.0	7683414.0	0.133042	Y
6	STD4 460-1051713/5	4.0	0.5299	8.0	7870881.0	0.132475	Y
7	ICIS 460-1051713/13	10.0	1.421303	8.0	6276115.0	0.14213	Y
8	STD16 460-1051713/4	16.0	2.404119	8.0	6963175.0	0.150257	Y
9	STD24 460-1051713/3	24.0	3.540901	8.0	6510877.0	0.147538	Y



Calibration / Caprolactam

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

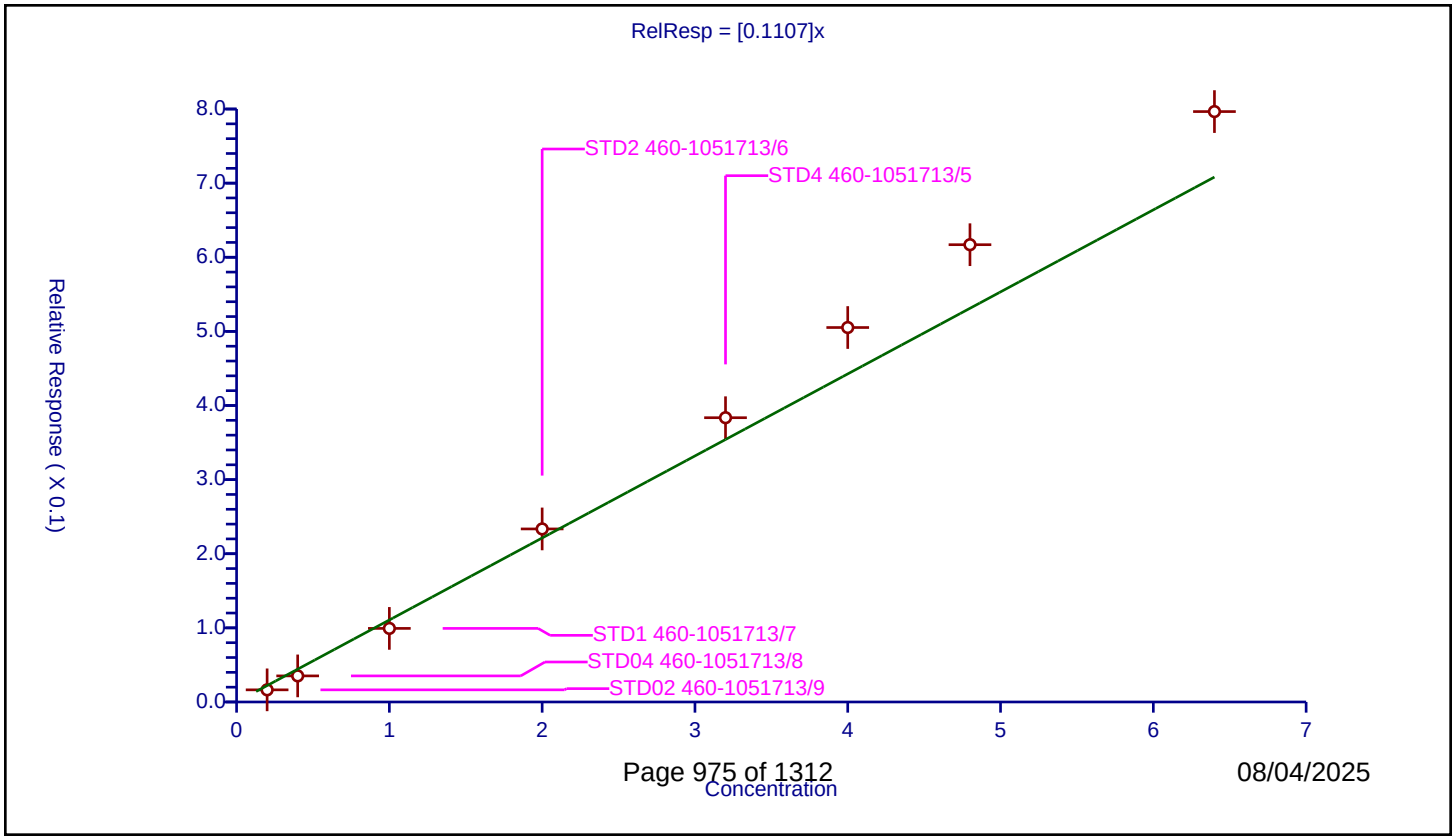
Curve Coefficients

Intercept:	0
Slope:	0.1107

Error Coefficients

Relative Standard Deviation:	16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.016404	8.0	8018300.0	0.082022	Y
2	STD04 460-1051713/8	0.4	0.035211	8.0	7925061.0	0.088027	Y
3	STD1 460-1051713/7	1.0	0.099286	8.0	8017126.0	0.099286	Y
4	STD2 460-1051713/6	2.0	0.233468	8.0	7683414.0	0.116734	Y
5	STD4 460-1051713/5	3.2	0.383523	8.0	7870881.0	0.119851	Y
6	ICIS 460-1051713/13	4.0	0.5052	8.0	6276115.0	0.1263	Y
7	STD16 460-1051713/4	4.8	0.616946	8.0	6963175.0	0.12853	Y
8	STD24 460-1051713/3	6.4	0.796564	8.0	6510877.0	0.124463	Y



Calibration / 4-Chloro-3-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

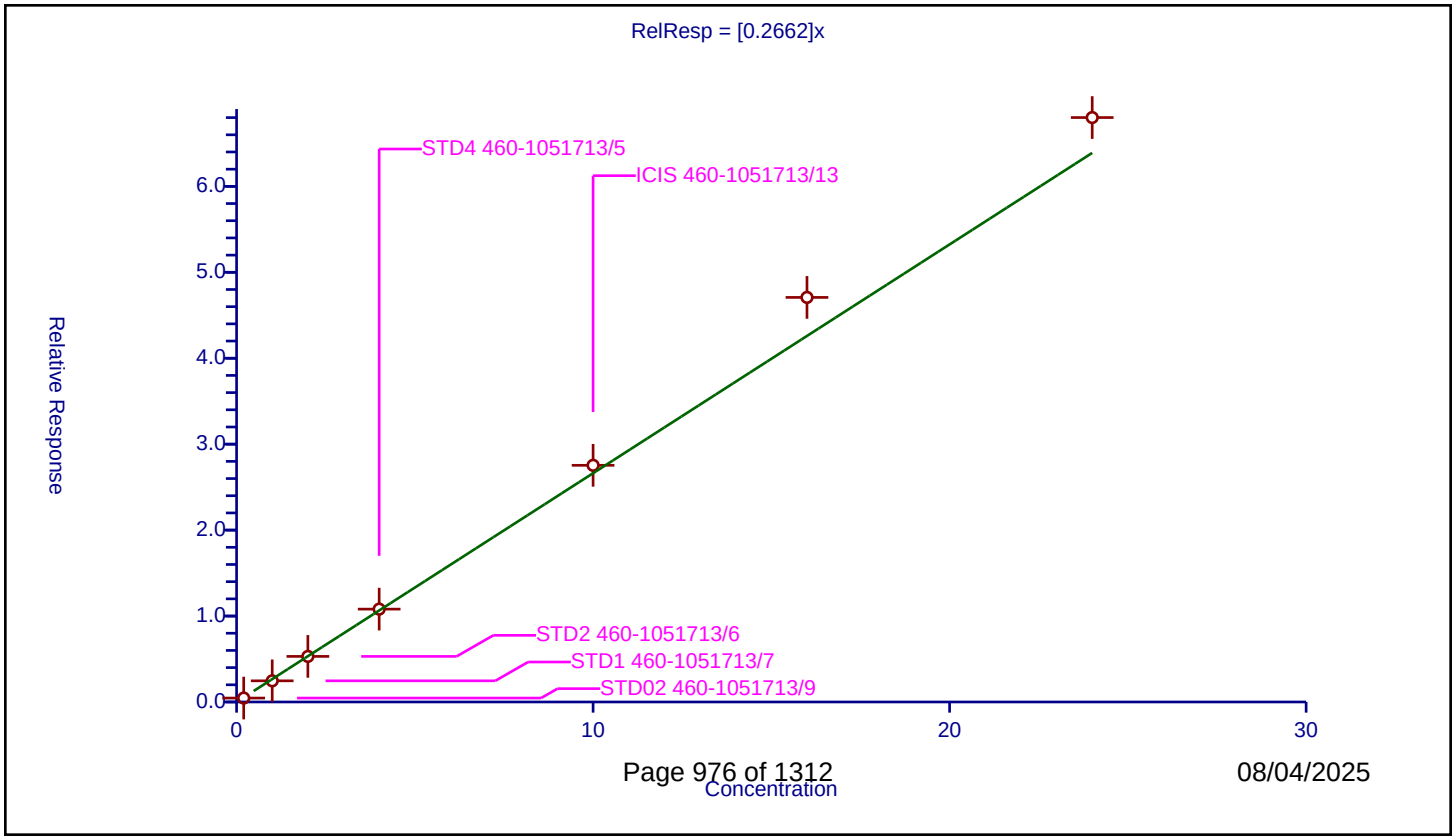
Curve Coefficients

Intercept:	0
Slope:	0.2662

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.045799	8.0	8018300.0	0.228996	Y
2	STD1 460-1051713/7	1.0	0.246158	8.0	8017126.0	0.246158	Y
3	STD2 460-1051713/6	2.0	0.530326	8.0	7683414.0	0.265163	Y
4	STD4 460-1051713/5	4.0	1.080726	8.0	7870881.0	0.270181	Y
5	ICIS 460-1051713/13	10.0	2.754199	8.0	6276115.0	0.27542	Y
6	STD16 460-1051713/4	16.0	4.707683	8.0	6963175.0	0.29423	Y
7	STD24 460-1051713/3	24.0	6.800707	8.0	6510877.0	0.283363	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

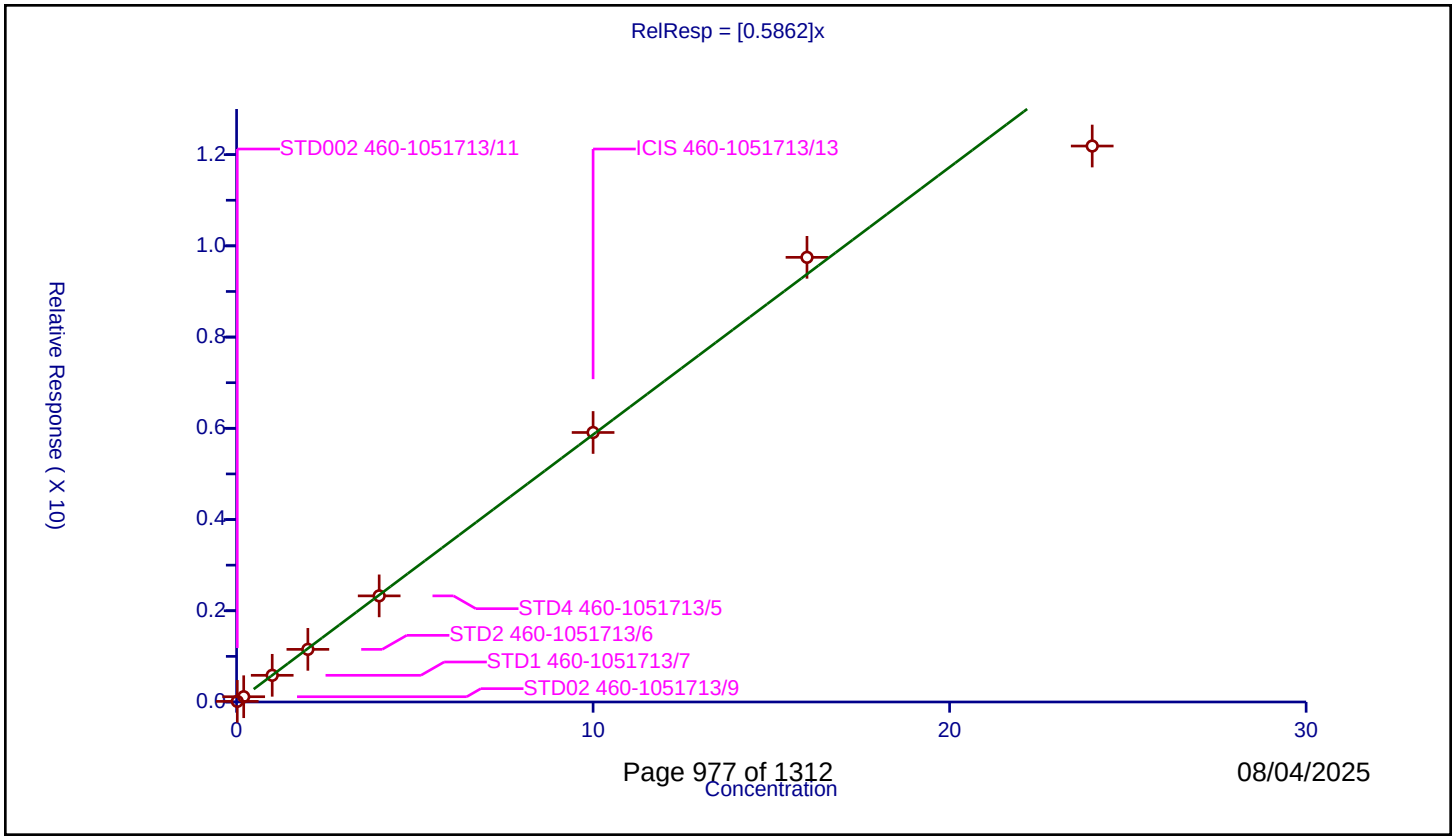
Curve Coefficients

Intercept:	0
Slope:	0.5862

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.013207	8.0	7008322.0	0.660358	Y
2	STD02 460-1051713/9	0.2	0.115631	8.0	8018300.0	0.578157	Y
3	STD1 460-1051713/7	1.0	0.584952	8.0	8017126.0	0.584952	Y
4	STD2 460-1051713/6	2.0	1.153646	8.0	7683414.0	0.576823	Y
5	STD4 460-1051713/5	4.0	2.326618	8.0	7870881.0	0.581655	Y
6	ICIS 460-1051713/13	10.0	5.908233	8.0	6276115.0	0.590823	Y
7	STD16 460-1051713/4	16.0	9.74833	8.0	6963175.0	0.609271	Y
8	STD24 460-1051713/3	24.0	12.188297	8.0	6510877.0	0.507846	Y



Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

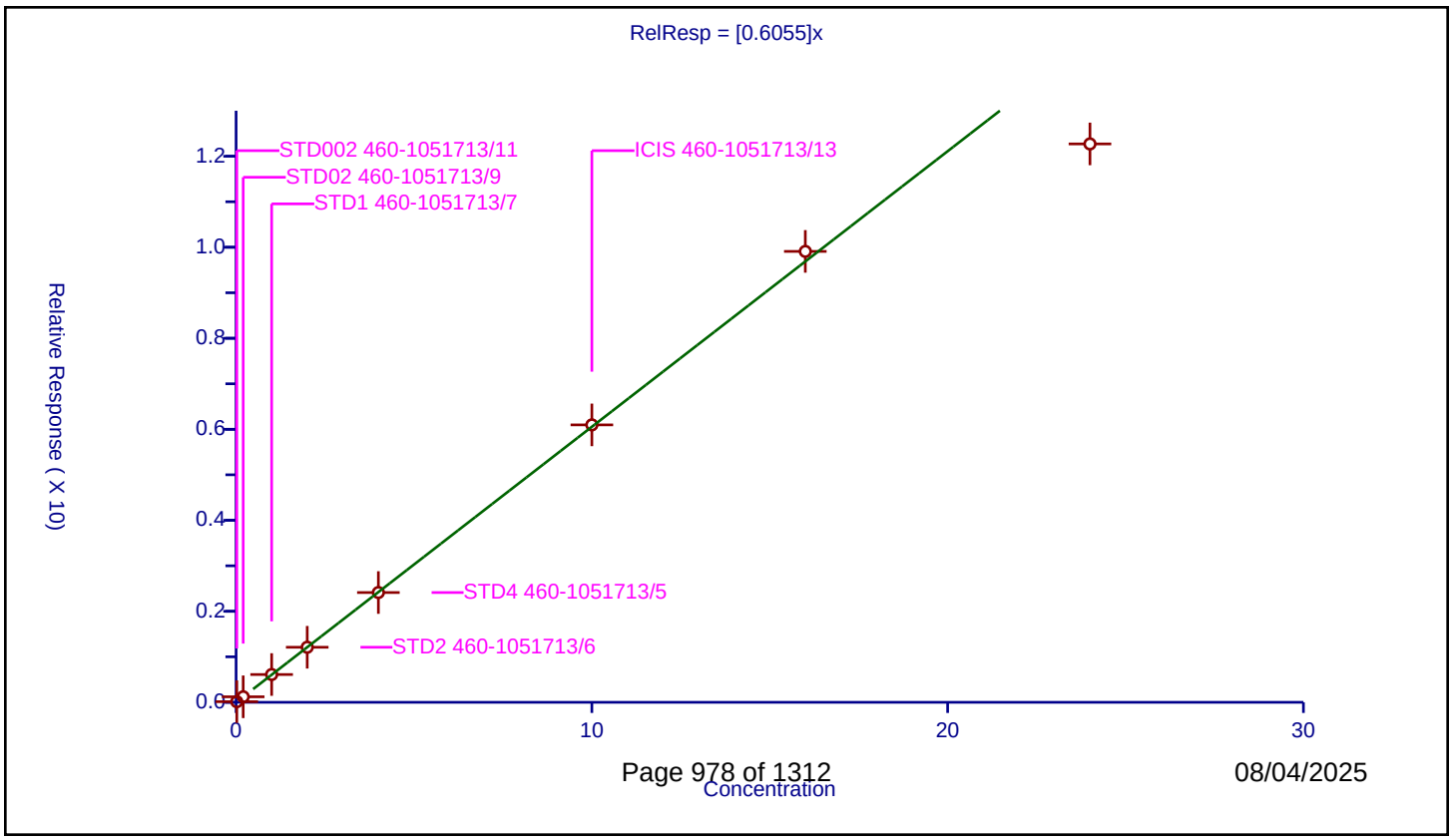
Curve Coefficients

Intercept:	0
Slope:	0.6055

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.013556	8.0	7008322.0	0.677823	Y
2	STD02 460-1051713/9	0.2	0.121527	8.0	8018300.0	0.607635	Y
3	STD1 460-1051713/7	1.0	0.610396	8.0	8017126.0	0.610396	Y
4	STD2 460-1051713/6	2.0	1.210006	8.0	7683414.0	0.605003	Y
5	STD4 460-1051713/5	4.0	2.412432	8.0	7870881.0	0.603108	Y
6	ICIS 460-1051713/13	10.0	6.096755	8.0	6276115.0	0.609676	Y
7	STD16 460-1051713/4	16.0	9.908805	8.0	6963175.0	0.6193	Y
8	STD24 460-1051713/3	24.0	12.2709	8.0	6510877.0	0.511287	Y



Calibration / 1,2,4,5-Tetrachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

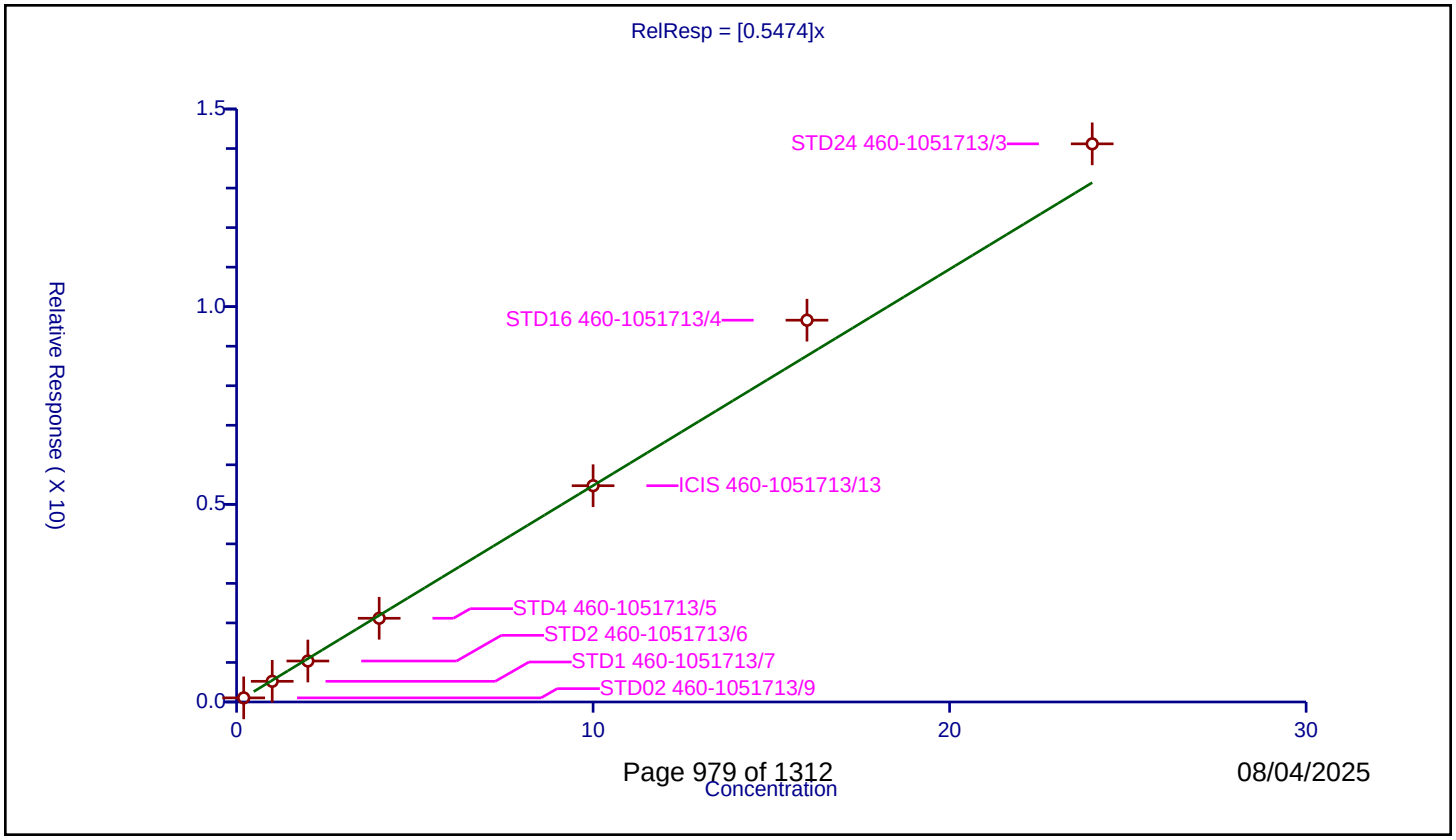
Curve Coefficients

Intercept:	0
Slope:	0.5474

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.104464	8.0	3800654.0	0.522321	Y
2	STD1 460-1051713/7	1.0	0.523003	8.0	3751889.0	0.523003	Y
3	STD2 460-1051713/6	2.0	1.036158	8.0	3594023.0	0.518079	Y
4	STD4 460-1051713/5	4.0	2.117785	8.0	3622796.0	0.529446	Y
5	ICIS 460-1051713/13	10.0	5.470927	8.0	2869475.0	0.547093	Y
6	STD16 460-1051713/4	16.0	9.658374	8.0	3079112.0	0.603648	Y
7	STD24 460-1051713/3	24.0	14.118682	8.0	2903802.0	0.588278	Y



Calibration / Hexachlorocyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

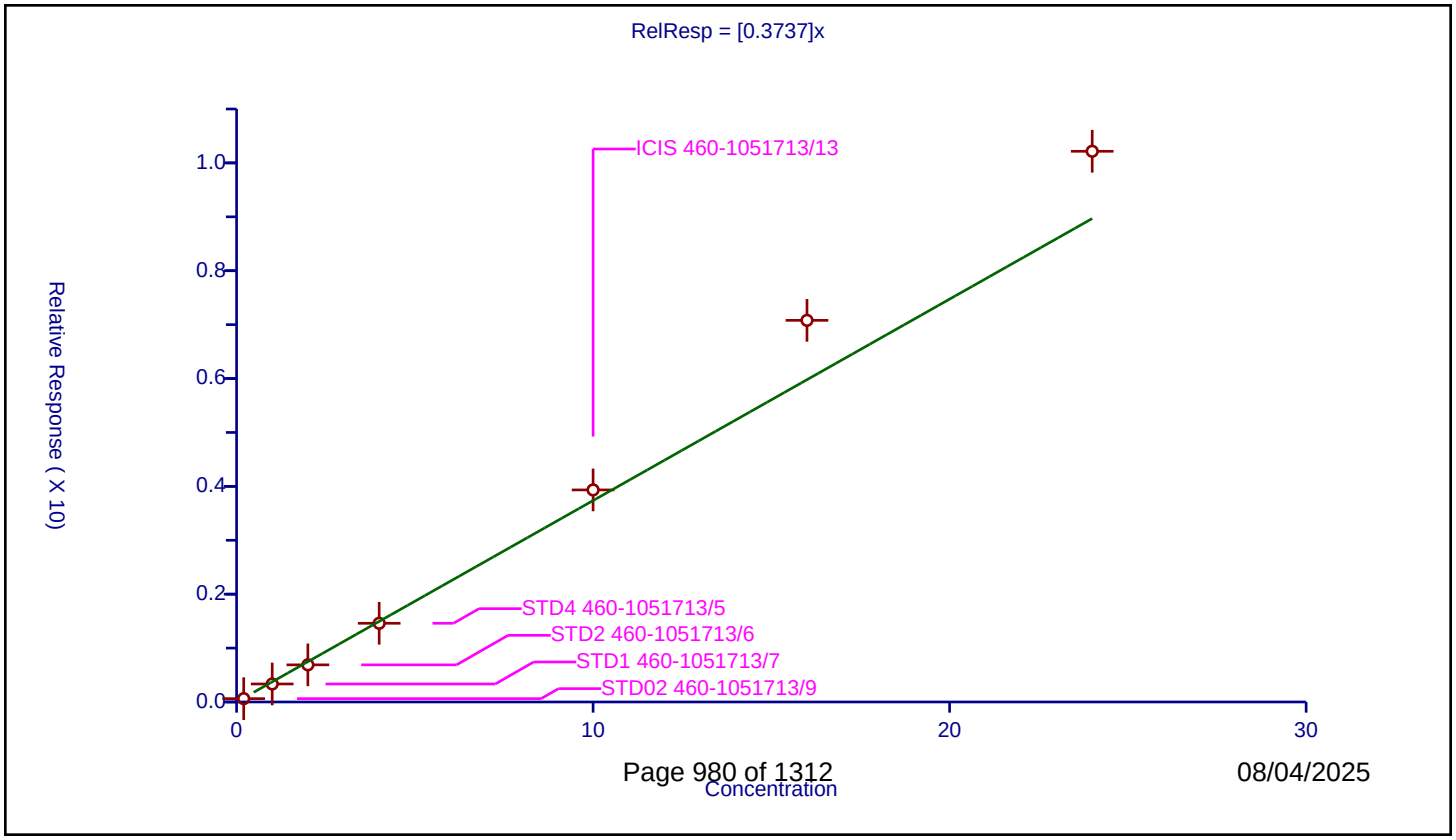
Curve Coefficients

Intercept:	0
Slope:	0.3737

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.062082	8.0	3800654.0	0.31041	Y
2	STD1 460-1051713/7	1.0	0.334377	8.0	3751889.0	0.334377	Y
3	STD2 460-1051713/6	2.0	0.688612	8.0	3594023.0	0.344306	Y
4	STD4 460-1051713/5	4.0	1.460163	8.0	3622796.0	0.365041	Y
5	ICIS 460-1051713/13	10.0	3.934058	8.0	2869475.0	0.393406	Y
6	STD16 460-1051713/4	16.0	7.079659	8.0	3079112.0	0.442479	Y
7	STD24 460-1051713/3	24.0	10.216137	8.0	2903802.0	0.425672	Y



Calibration / 2-tertbutyl-4-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

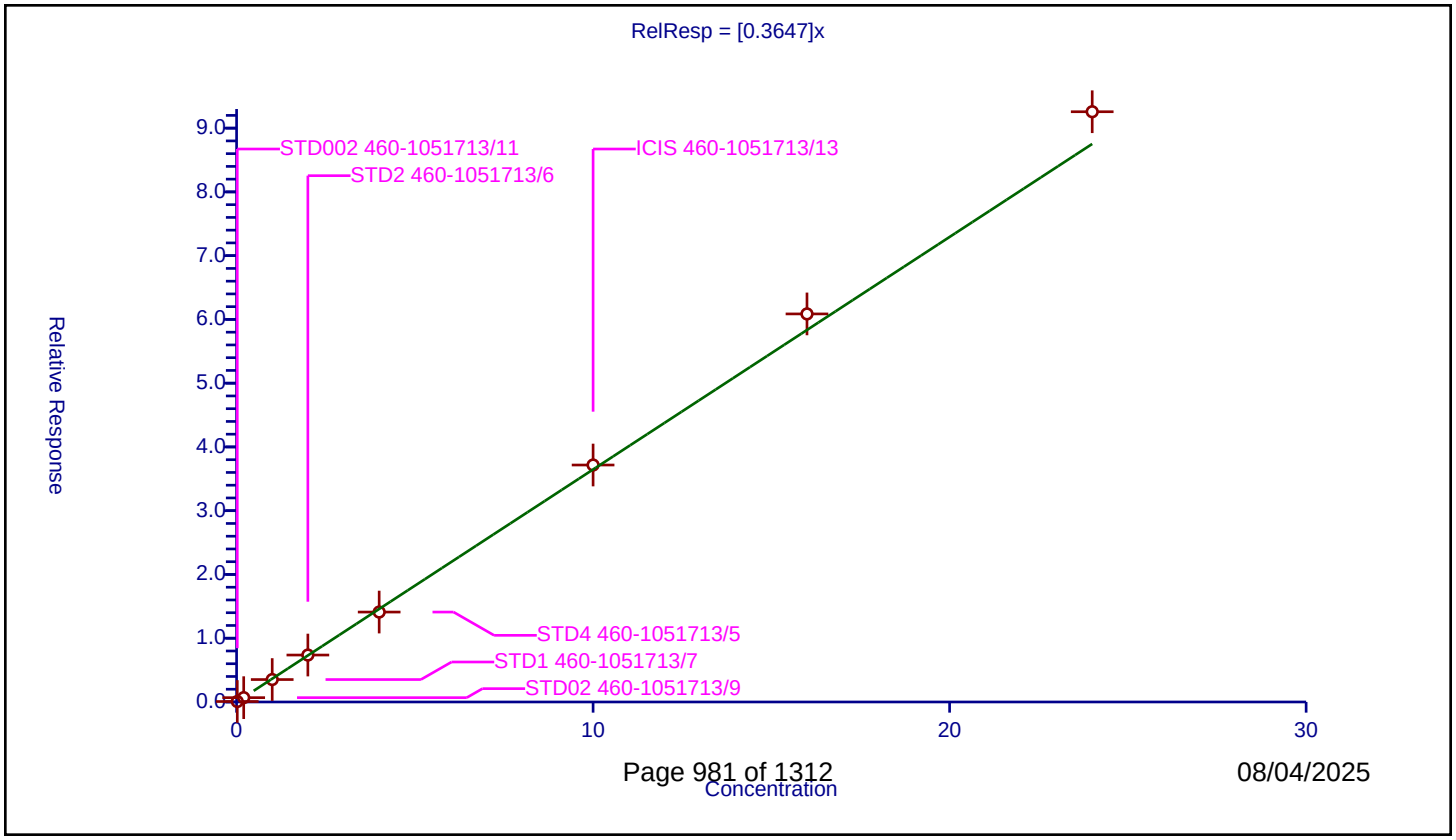
Curve Coefficients

Intercept:	0
Slope:	0.3647

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.007344	8.0	7008322.0	0.367221	Y
2	STD02 460-1051713/9	0.2	0.06795	8.0	8018300.0	0.339748	Y
3	STD1 460-1051713/7	1.0	0.351926	8.0	8017126.0	0.351926	Y
4	STD2 460-1051713/6	2.0	0.736133	8.0	7683414.0	0.368067	Y
5	STD4 460-1051713/5	4.0	1.410611	8.0	7870881.0	0.352653	Y
6	ICIS 460-1051713/13	10.0	3.71665	8.0	6276115.0	0.371665	Y
7	STD16 460-1051713/4	16.0	6.086425	8.0	6963175.0	0.380402	Y
8	STD24 460-1051713/3	24.0	9.257492	8.0	6510877.0	0.385729	Y



Calibration / 2,4,6-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

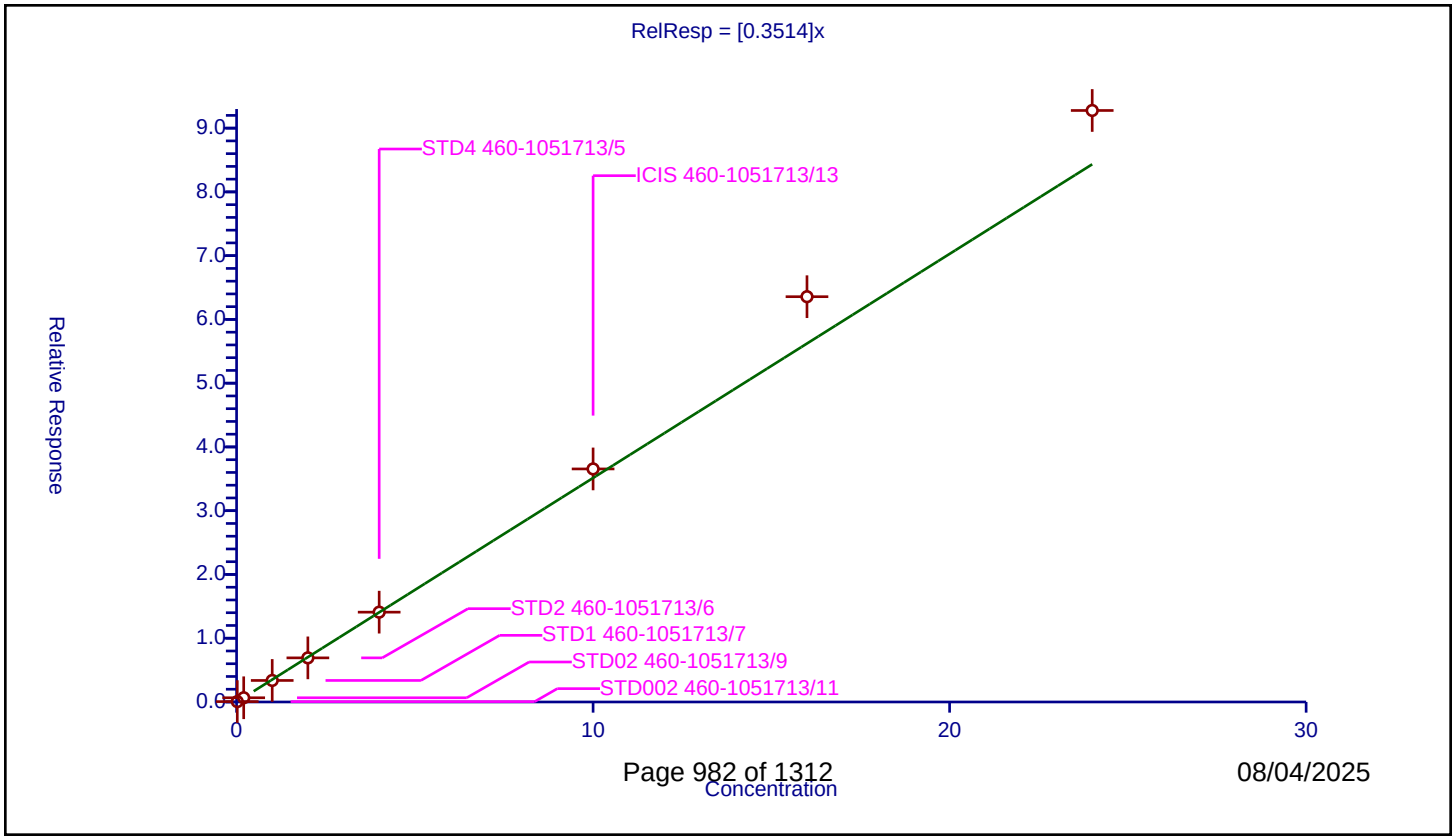
Curve Coefficients

Intercept:	0
Slope:	0.3514

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.005895	8.0	3269200.0	0.294751	Y
2	STD02 460-1051713/9	0.2	0.066245	8.0	3800654.0	0.331227	Y
3	STD1 460-1051713/7	1.0	0.337528	8.0	3751889.0	0.337528	Y
4	STD2 460-1051713/6	2.0	0.691911	8.0	3594023.0	0.345955	Y
5	STD4 460-1051713/5	4.0	1.408971	8.0	3622796.0	0.352243	Y
6	ICIS 460-1051713/13	10.0	3.655331	8.0	2869475.0	0.365533	Y
7	STD16 460-1051713/4	16.0	6.35664	8.0	3079112.0	0.39729	Y
8	STD24 460-1051713/3	24.0	9.276867	8.0	2903802.0	0.386536	Y



Calibration / 2,4,5-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

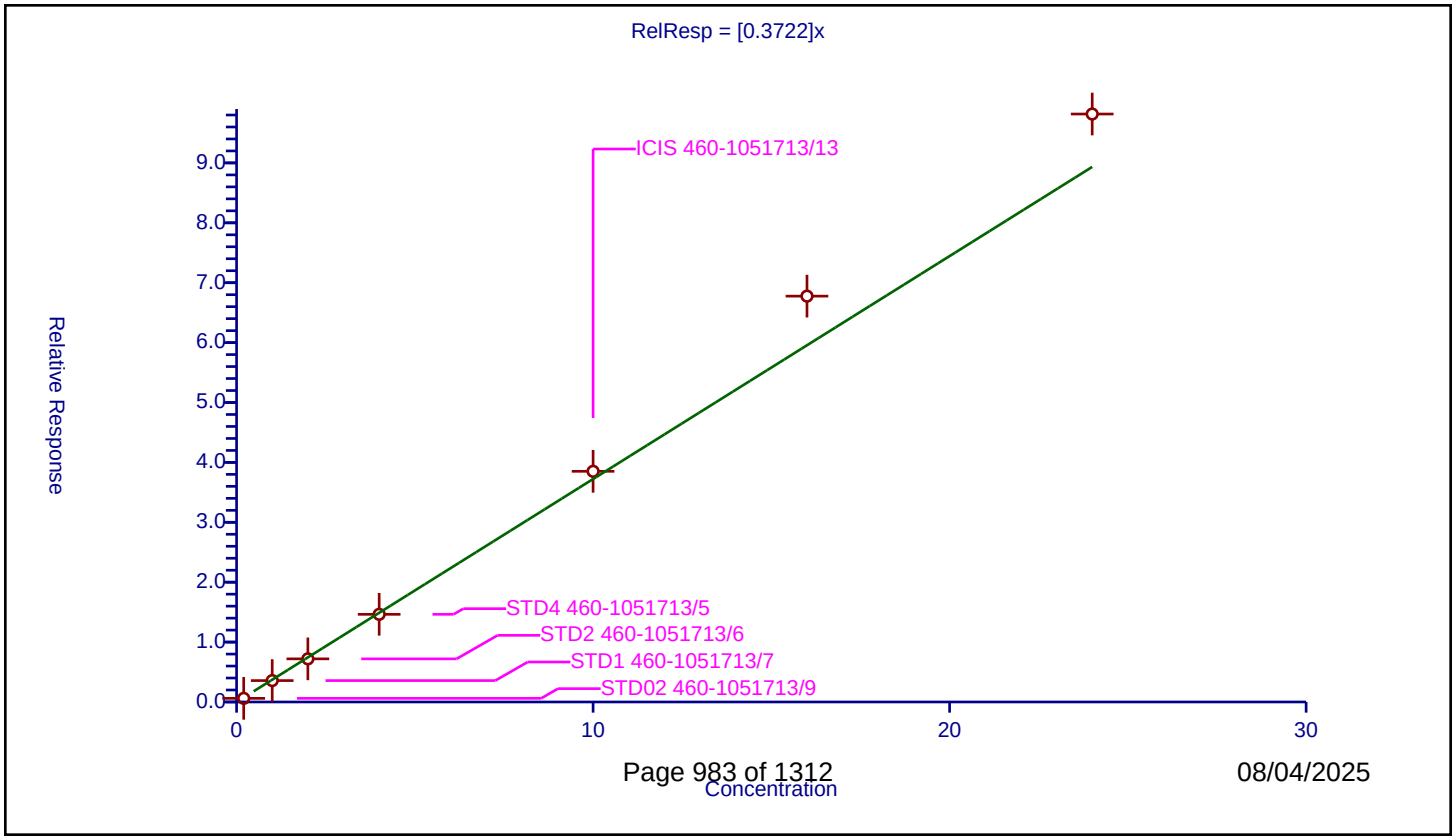
Curve Coefficients

Intercept:	0
Slope:	0.3722

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.060933	8.0	3800654.0	0.304663	Y
2	STD1 460-1051713/7	1.0	0.35733	8.0	3751889.0	0.35733	Y
3	STD2 460-1051713/6	2.0	0.720038	8.0	3594023.0	0.360019	Y
4	STD4 460-1051713/5	4.0	1.463568	8.0	3622796.0	0.365892	Y
5	ICIS 460-1051713/13	10.0	3.851389	8.0	2869475.0	0.385139	Y
6	STD16 460-1051713/4	16.0	6.776021	8.0	3079112.0	0.423501	Y
7	STD24 460-1051713/3	24.0	9.816322	8.0	2903802.0	0.409013	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

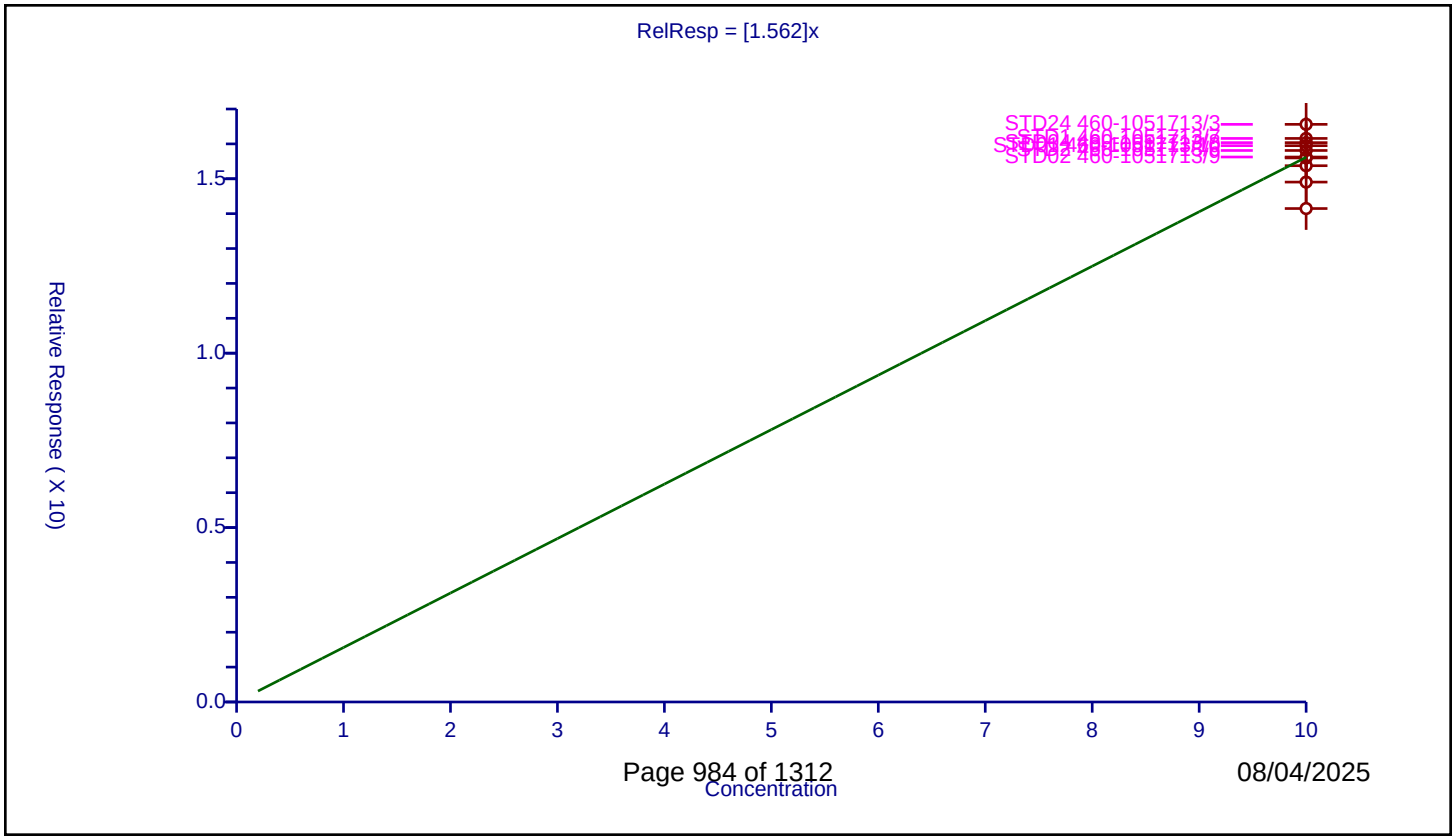
Curve Coefficients

Intercept:	0
Slope:	1.562

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD24 460-1051713/3	10.0	16.560553	8.0	2903802.0	1.656055	Y
2	STD16 460-1051713/4	10.0	14.905417	8.0	3079112.0	1.490542	Y
3	STD4 460-1051713/5	10.0	15.375011	8.0	3622796.0	1.537501	Y
4	STD2 460-1051713/6	10.0	15.811318	8.0	3594023.0	1.581132	Y
5	STD1 460-1051713/7	10.0	16.156866	8.0	3751889.0	1.615687	Y
6	STD04 460-1051713/8	10.0	16.036322	8.0	3700717.0	1.603632	Y
7	STD02 460-1051713/9	10.0	15.623709	8.0	3800654.0	1.562371	Y
8	STD01 460-1051713/10	10.0	15.94915	8.0	3767477.0	1.594915	Y
9	STD002 460-1051713/11	10.0	15.596775	8.0	3269200.0	1.559677	Y
10	ICIS 460-1051713/13	10.0	14.146744	8.0	2869475.0	1.414674	Y



Calibration / 1,1'-Biphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

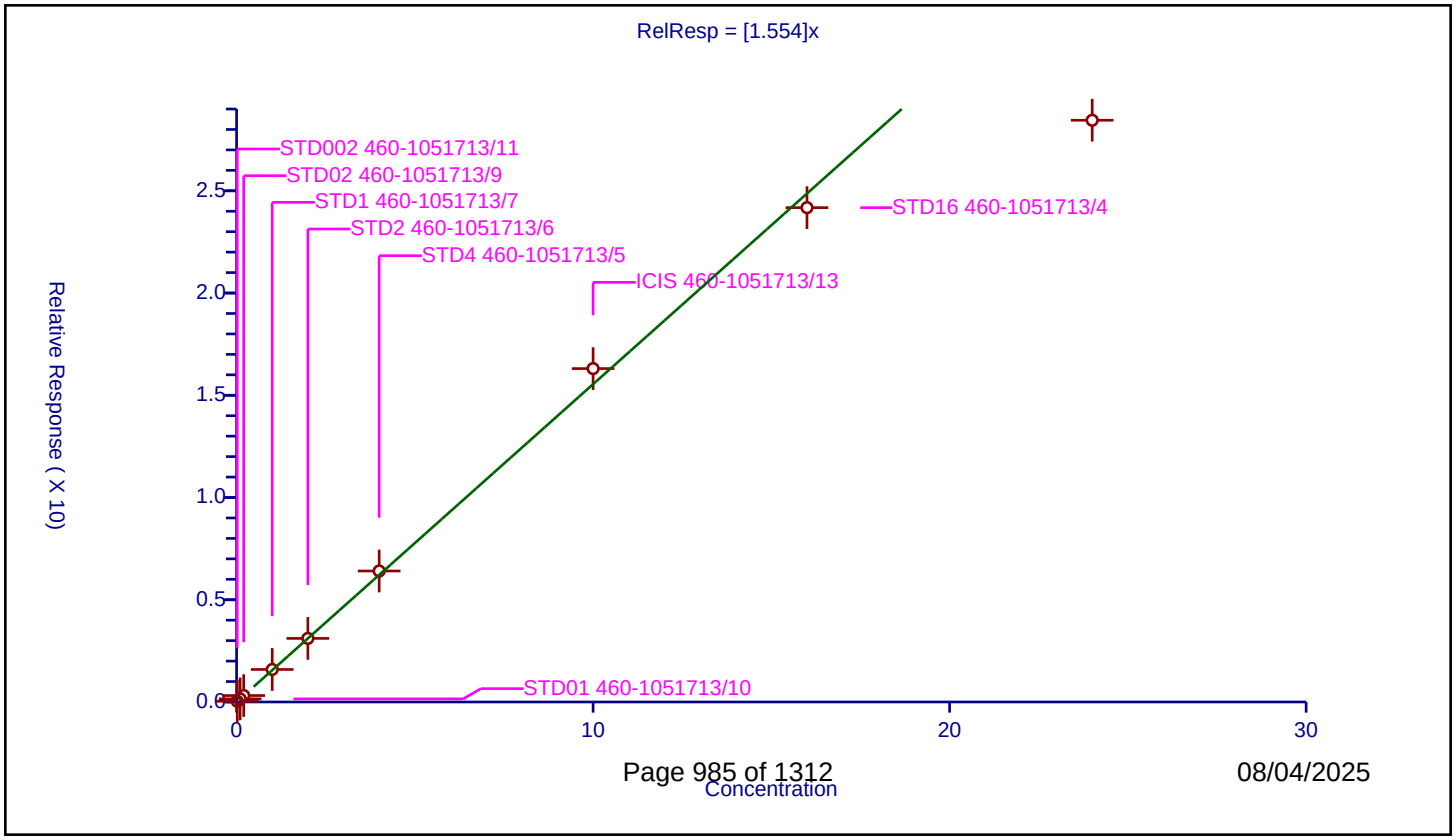
Curve Coefficients

Intercept:	0
Slope:	1.554

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.03606	8.0	3269200.0	1.80301	Y
2	STD01 460-1051713/10	0.1	0.153631	8.0	3767477.0	1.536307	Y
3	STD02 460-1051713/9	0.2	0.315062	8.0	3800654.0	1.575308	Y
4	STD1 460-1051713/7	1.0	1.59023	8.0	3751889.0	1.59023	Y
5	STD2 460-1051713/6	2.0	3.109859	8.0	3594023.0	1.554929	Y
6	STD4 460-1051713/5	4.0	6.406499	8.0	3622796.0	1.601625	Y
7	ICIS 460-1051713/13	10.0	16.305636	8.0	2869475.0	1.630564	Y
8	STD16 460-1051713/4	16.0	24.176129	8.0	3079112.0	1.511008	Y
9	STD24 460-1051713/3	24.0	28.450667	8.0	2903802.0	1.185444	Y



Calibration / 2-Chloronaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

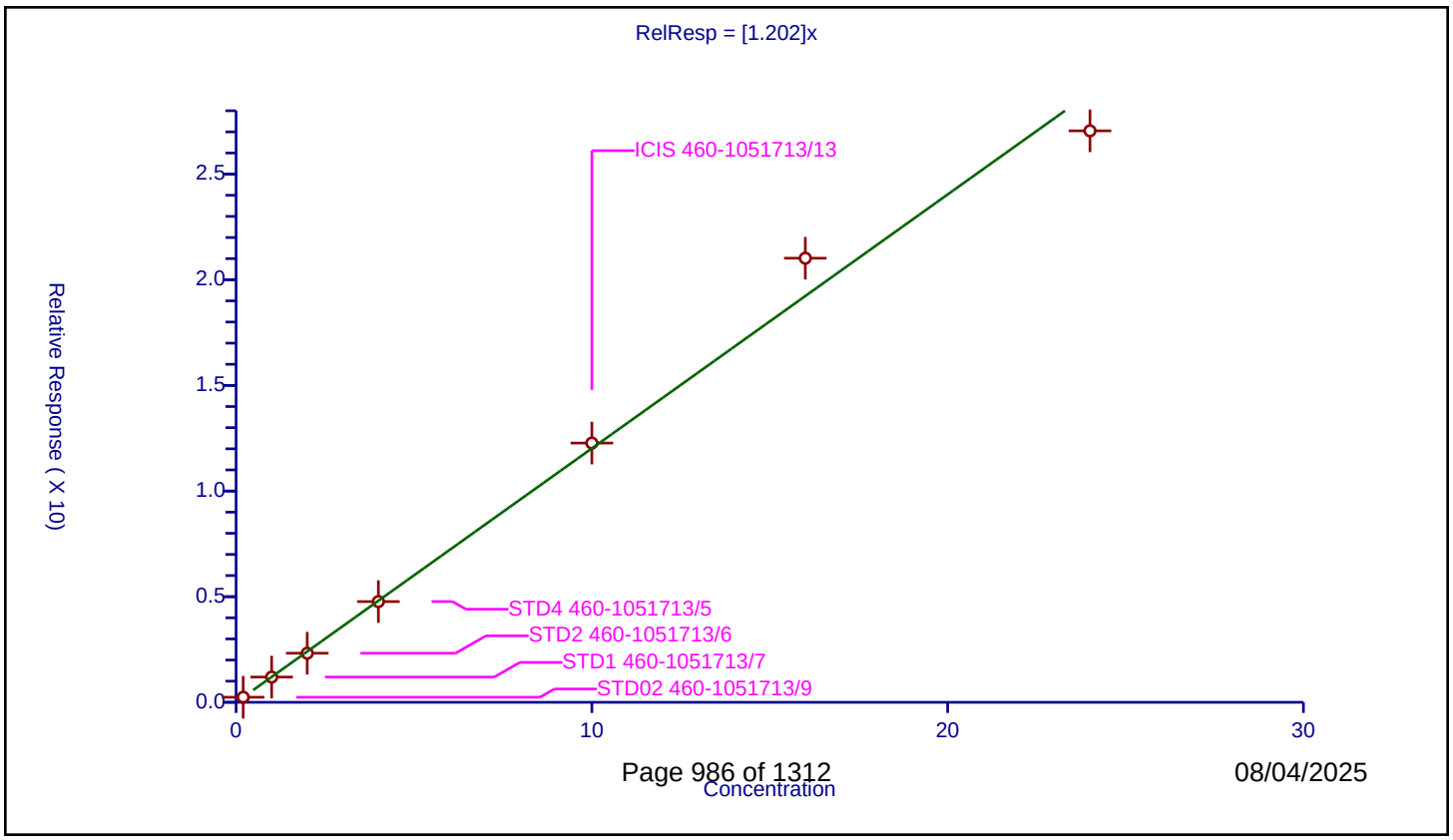
Curve Coefficients

Intercept:	0
Slope:	1.202

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.239561	8.0	3800654.0	1.197804	Y
2	STD1 460-1051713/7	1.0	1.193722	8.0	3751889.0	1.193722	Y
3	STD2 460-1051713/6	2.0	2.323433	8.0	3594023.0	1.161717	Y
4	STD4 460-1051713/5	4.0	4.767403	8.0	3622796.0	1.191851	Y
5	ICIS 460-1051713/13	10.0	12.270841	8.0	2869475.0	1.227084	Y
6	STD16 460-1051713/4	16.0	21.020806	8.0	3079112.0	1.3138	Y
7	STD24 460-1051713/3	24.0	27.048687	8.0	2903802.0	1.127029	Y



Calibration / Phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

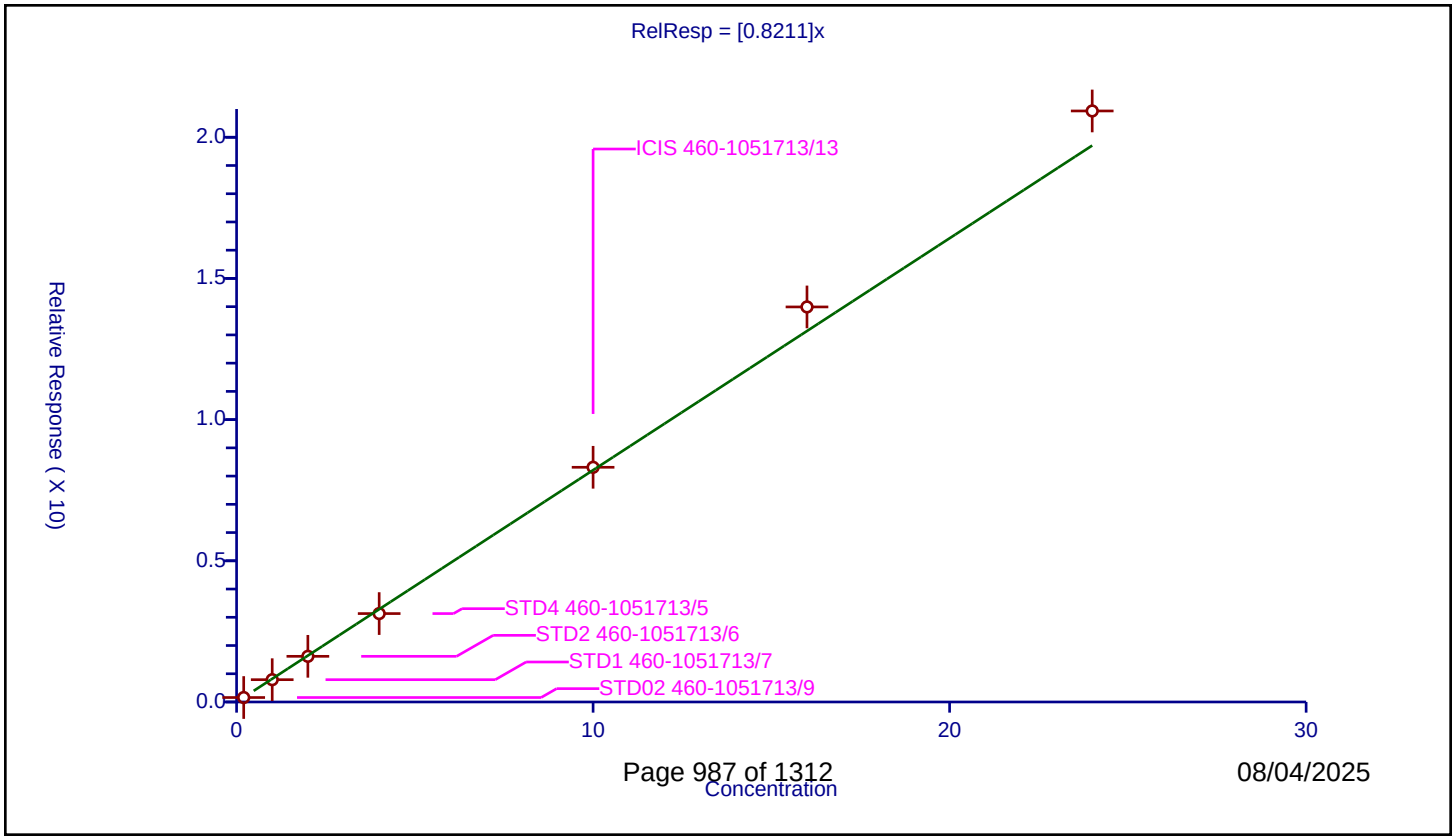
Curve Coefficients

Intercept:	0
Slope:	0.8211

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.157788	8.0	3800654.0	0.788938	Y
2	STD1 460-1051713/7	1.0	0.789849	8.0	3751889.0	0.789849	Y
3	STD2 460-1051713/6	2.0	1.617036	8.0	3594023.0	0.808518	Y
4	STD4 460-1051713/5	4.0	3.13146	8.0	3622796.0	0.782865	Y
5	ICIS 460-1051713/13	10.0	8.311854	8.0	2869475.0	0.831185	Y
6	STD16 460-1051713/4	16.0	13.990304	8.0	3079112.0	0.874394	Y
7	STD24 460-1051713/3	24.0	20.930951	8.0	2903802.0	0.872123	Y



Calibration / 2-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

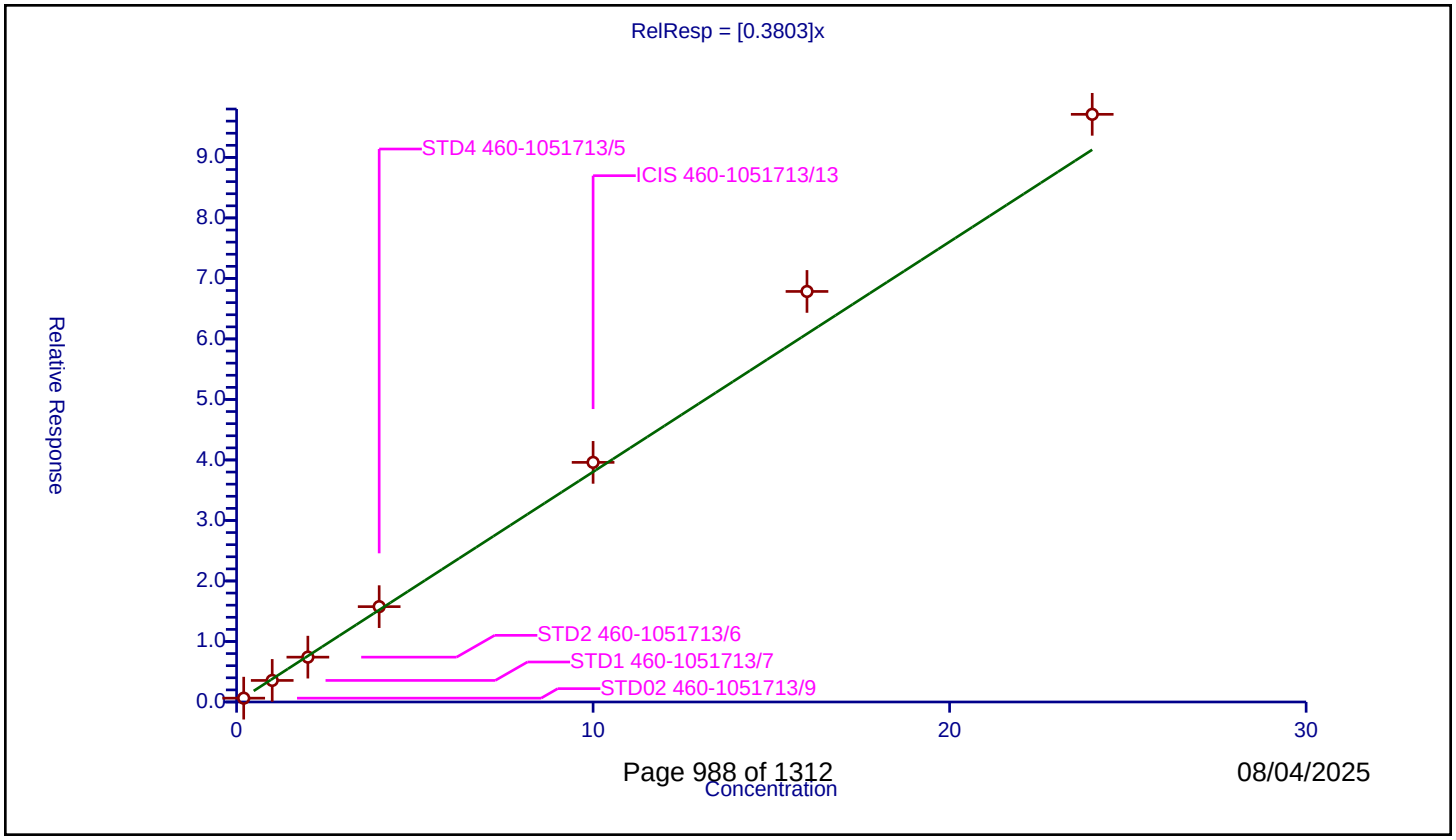
Curve Coefficients

Intercept:	0
Slope:	0.3803

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.063311	8.0	3800654.0	0.316556	Y
2	STD1 460-1051713/7	1.0	0.35636	8.0	3751889.0	0.35636	Y
3	STD2 460-1051713/6	2.0	0.74085	8.0	3594023.0	0.370425	Y
4	STD4 460-1051713/5	4.0	1.575923	8.0	3622796.0	0.393981	Y
5	ICIS 460-1051713/13	10.0	3.960228	8.0	2869475.0	0.396023	Y
6	STD16 460-1051713/4	16.0	6.784959	8.0	3079112.0	0.42406	Y
7	STD24 460-1051713/3	24.0	9.712169	8.0	2903802.0	0.404674	Y



Calibration / 1,3-Dimethylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

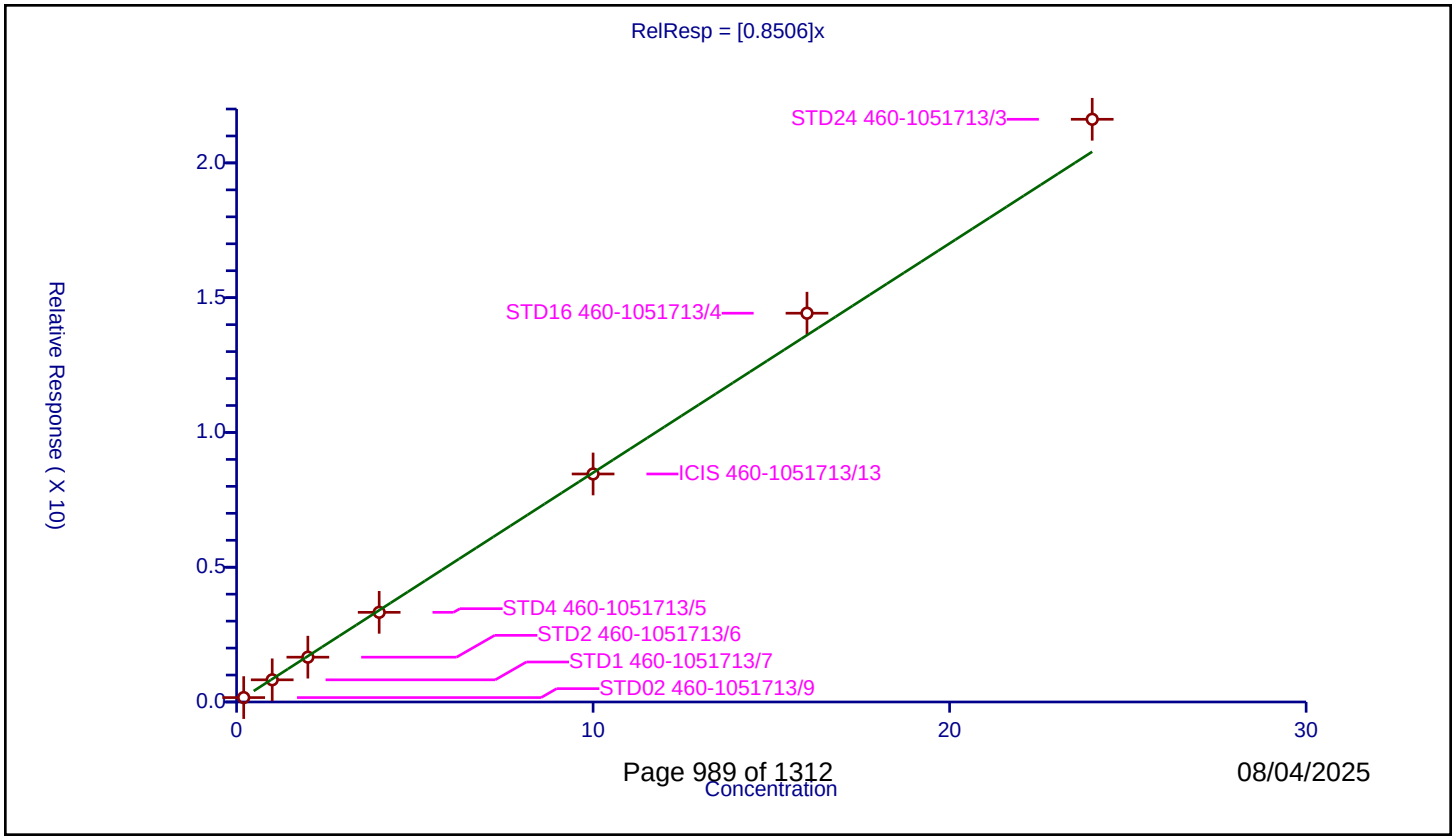
Curve Coefficients

Intercept:	0
Slope:	0.8506

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.164085	8.0	3800654.0	0.820427	Y
2	STD1 460-1051713/7	1.0	0.82295	8.0	3751889.0	0.82295	Y
3	STD2 460-1051713/6	2.0	1.662453	8.0	3594023.0	0.831227	Y
4	STD4 460-1051713/5	4.0	3.32648	8.0	3622796.0	0.83162	Y
5	ICIS 460-1051713/13	10.0	8.459836	8.0	2869475.0	0.845984	Y
6	STD16 460-1051713/4	16.0	14.424148	8.0	3079112.0	0.901509	Y
7	STD24 460-1051713/3	24.0	21.619097	8.0	2903802.0	0.900796	Y



Calibration / Dimethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

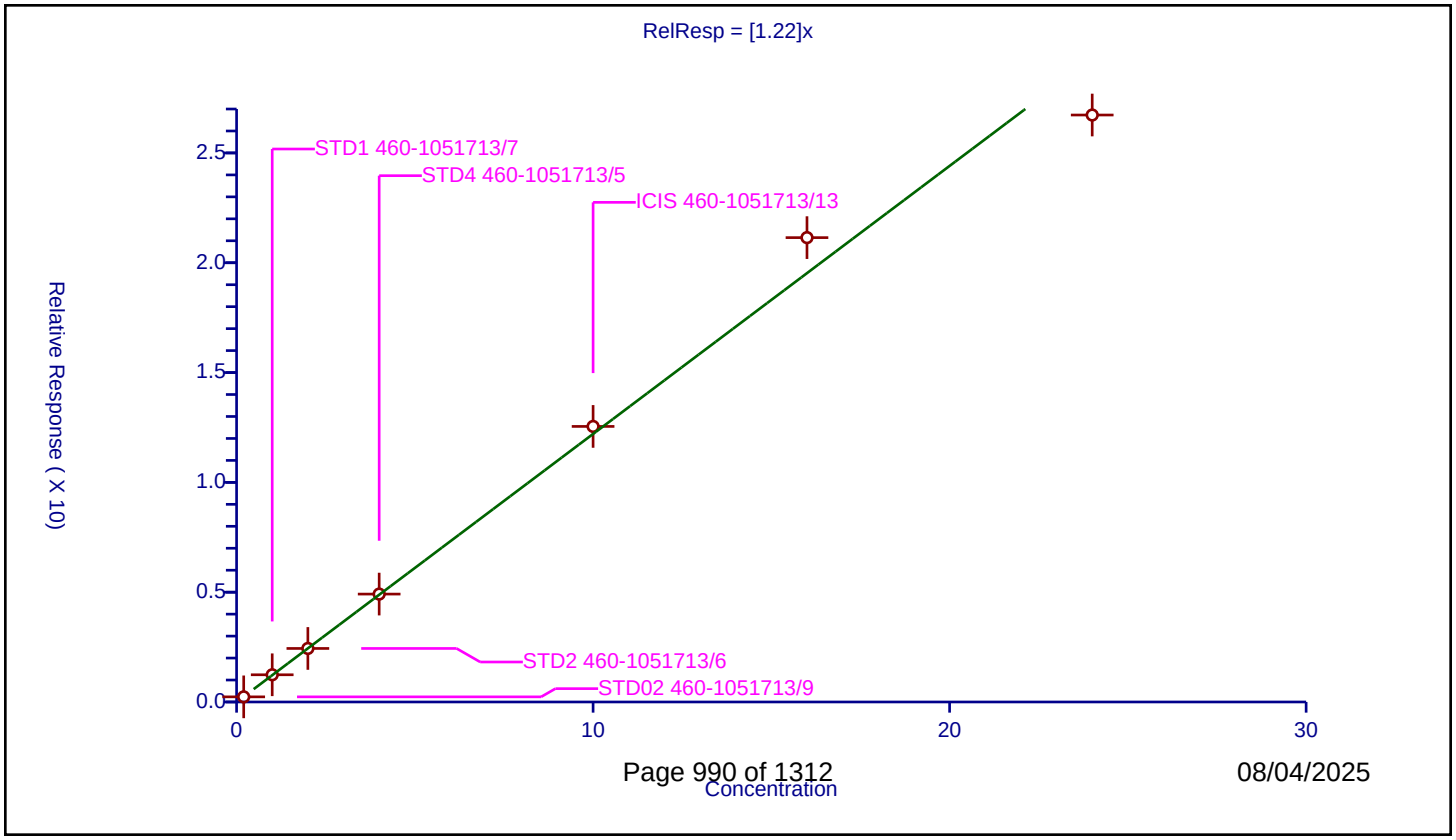
Curve Coefficients

Intercept:	0
Slope:	1.22

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.233337	8.0	3800654.0	1.166683	Y
2	STD1 460-1051713/7	1.0	1.239103	8.0	3751889.0	1.239103	Y
3	STD2 460-1051713/6	2.0	2.437968	8.0	3594023.0	1.218984	Y
4	STD4 460-1051713/5	4.0	4.91359	8.0	3622796.0	1.228398	Y
5	ICIS 460-1051713/13	10.0	12.546791	8.0	2869475.0	1.254679	Y
6	STD16 460-1051713/4	16.0	21.144083	8.0	3079112.0	1.321505	Y
7	STD24 460-1051713/3	24.0	26.726662	8.0	2903802.0	1.113611	Y



Calibration / Coumarin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

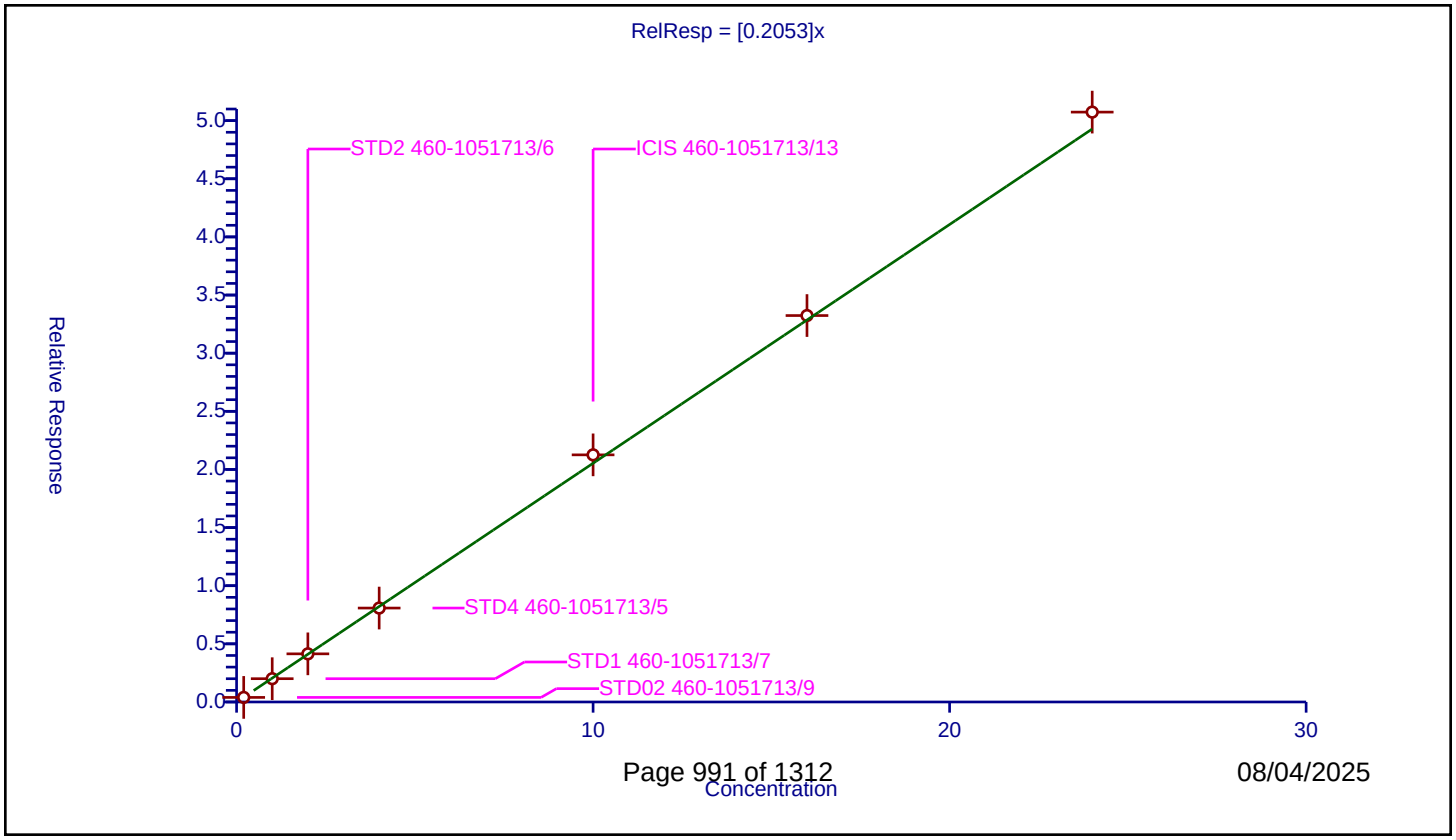
Curve Coefficients

Intercept:	0
Slope:	0.2053

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.039268	8.0	8018300.0	0.196341	Y
2	STD1 460-1051713/7	1.0	0.200297	8.0	8017126.0	0.200297	Y
3	STD2 460-1051713/6	2.0	0.414145	8.0	7683414.0	0.207073	Y
4	STD4 460-1051713/5	4.0	0.807904	8.0	7870881.0	0.201976	Y
5	ICIS 460-1051713/13	10.0	2.12556	8.0	6276115.0	0.212556	Y
6	STD16 460-1051713/4	16.0	3.323771	8.0	6963175.0	0.207736	Y
7	STD24 460-1051713/3	24.0	5.073468	8.0	6510877.0	0.211395	Y



Calibration / 2,6-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

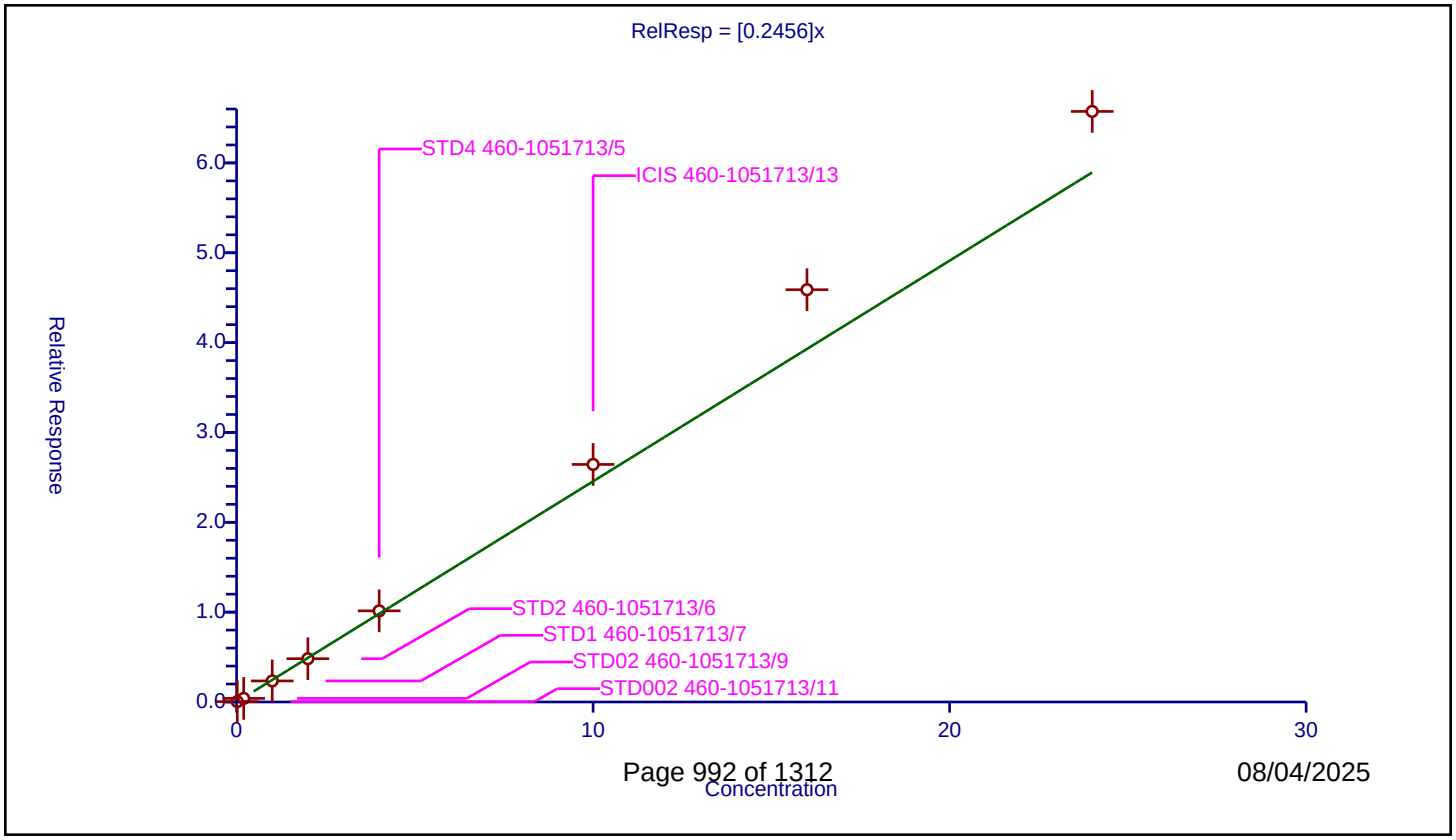
Curve Coefficients

Intercept:	0
Slope:	0.2456

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.004238	8.0	3269200.0	0.211917	Y
2	STD02 460-1051713/9	0.2	0.039797	8.0	3800654.0	0.198987	Y
3	STD1 460-1051713/7	1.0	0.234418	8.0	3751889.0	0.234418	Y
4	STD2 460-1051713/6	2.0	0.481738	8.0	3594023.0	0.240869	Y
5	STD4 460-1051713/5	4.0	1.014198	8.0	3622796.0	0.253549	Y
6	ICIS 460-1051713/13	10.0	2.644074	8.0	2869475.0	0.264407	Y
7	STD16 460-1051713/4	16.0	4.588726	8.0	3079112.0	0.286795	Y
8	STD24 460-1051713/3	24.0	6.572977	8.0	2903802.0	0.273874	Y



08/04/2025

Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

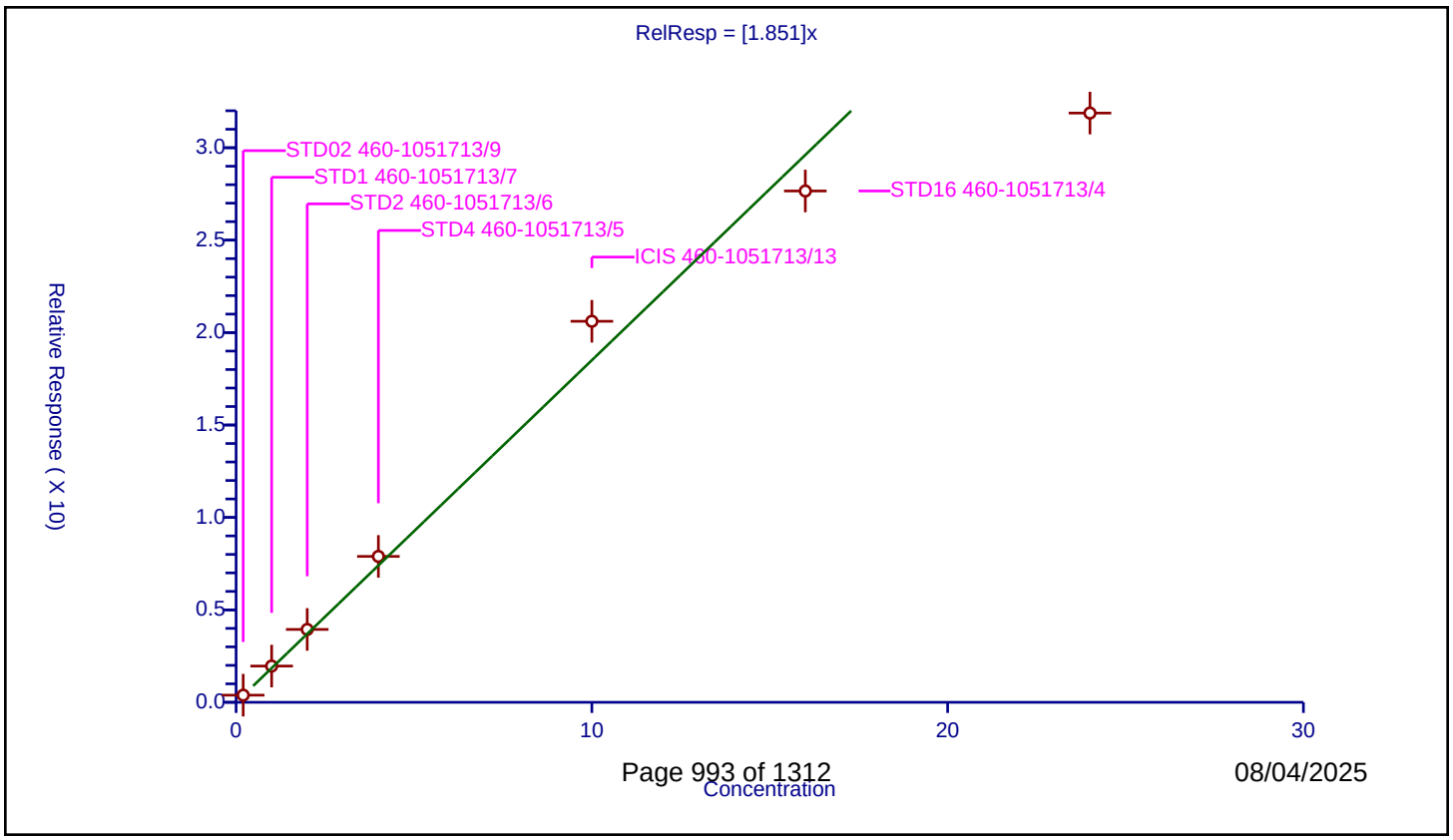
Curve Coefficients

Intercept:	0
Slope:	1.851

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.386312	8.0	3800654.0	1.931562	Y
2	STD1 460-1051713/7	1.0	1.961094	8.0	3751889.0	1.961094	Y
3	STD2 460-1051713/6	2.0	3.942174	8.0	3594023.0	1.971087	Y
4	STD4 460-1051713/5	4.0	7.892903	8.0	3622796.0	1.973226	Y
5	ICIS 460-1051713/13	10.0	20.611377	8.0	2869475.0	2.061138	Y
6	STD16 460-1051713/4	16.0	27.659234	8.0	3079112.0	1.728702	Y
7	STD24 460-1051713/3	24.0	31.874498	8.0	2903802.0	1.328104	Y



Calibration / 3-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

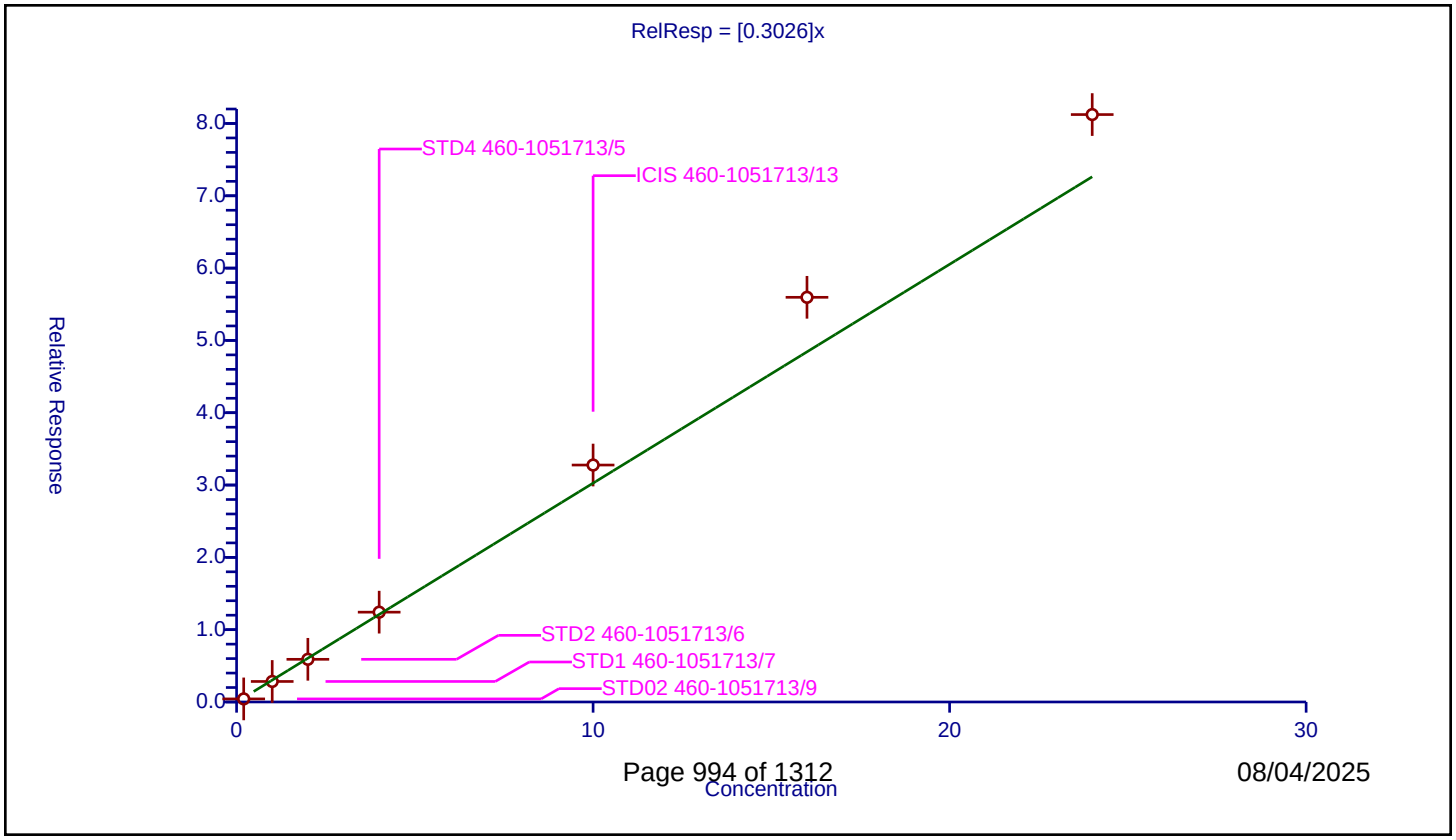
Curve Coefficients

Intercept:	0
Slope:	0.3026

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.042599	8.0	3800654.0	0.212995	Y
2	STD1 460-1051713/7	1.0	0.283799	8.0	3751889.0	0.283799	Y
3	STD2 460-1051713/6	2.0	0.590318	8.0	3594023.0	0.295159	Y
4	STD4 460-1051713/5	4.0	1.242123	8.0	3622796.0	0.310531	Y
5	ICIS 460-1051713/13	10.0	3.276527	8.0	2869475.0	0.327653	Y
6	STD16 460-1051713/4	16.0	5.59613	8.0	3079112.0	0.349758	Y
7	STD24 460-1051713/3	24.0	8.1233	8.0	2903802.0	0.338471	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

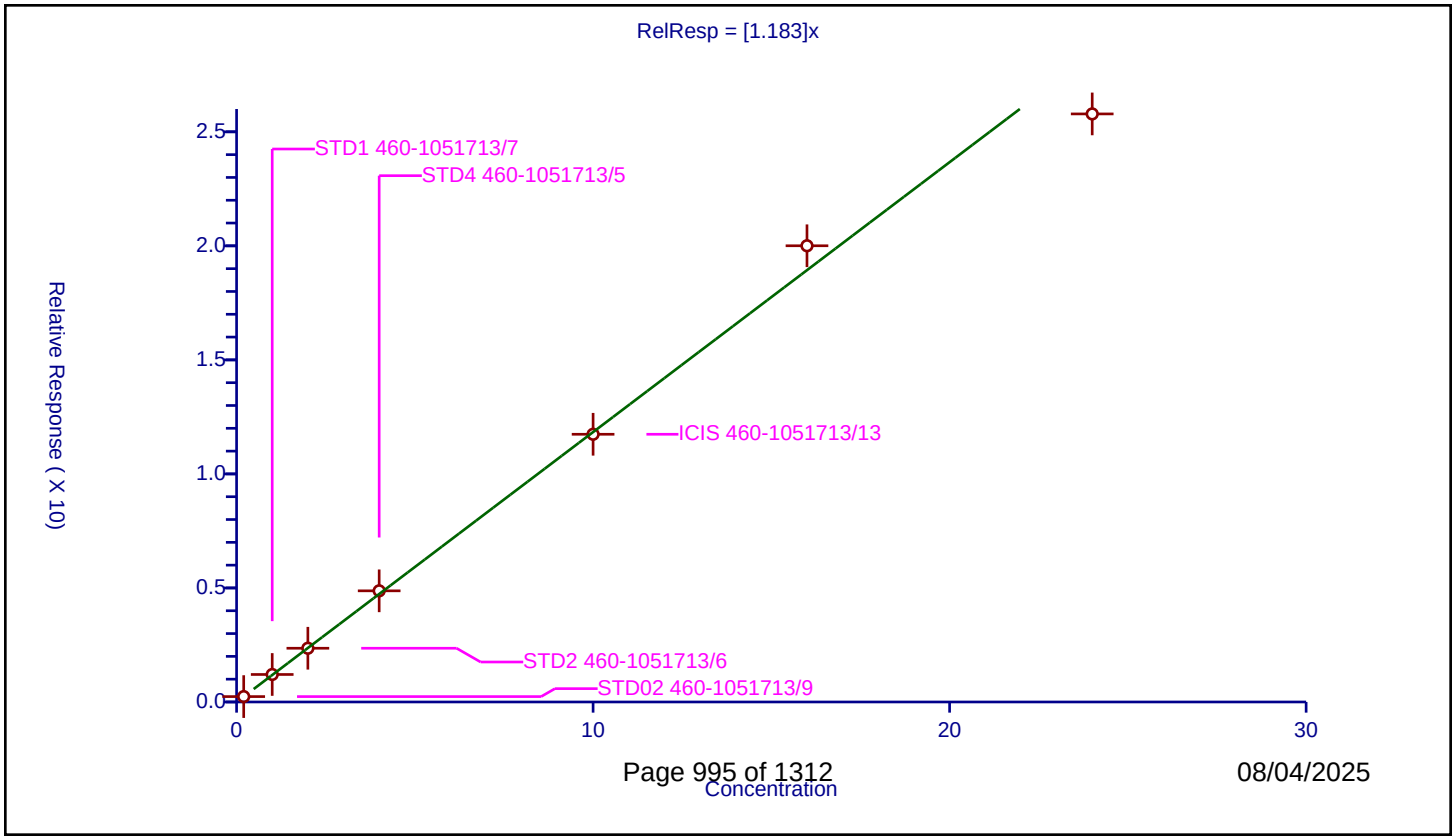
Curve Coefficients

Intercept:	0
Slope:	1.183

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.236511	8.0	3800654.0	1.182554	Y
2	STD1 460-1051713/7	1.0	1.205931	8.0	3751889.0	1.205931	Y
3	STD2 460-1051713/6	2.0	2.356671	8.0	3594023.0	1.178335	Y
4	STD4 460-1051713/5	4.0	4.874224	8.0	3622796.0	1.218556	Y
5	ICIS 460-1051713/13	10.0	11.739143	8.0	2869475.0	1.173914	Y
6	STD16 460-1051713/4	16.0	20.00364	8.0	3079112.0	1.250228	Y
7	STD24 460-1051713/3	24.0	25.785097	8.0	2903802.0	1.074379	Y



Calibration / 3,5-di-tert-butyl-4-hydroxytol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

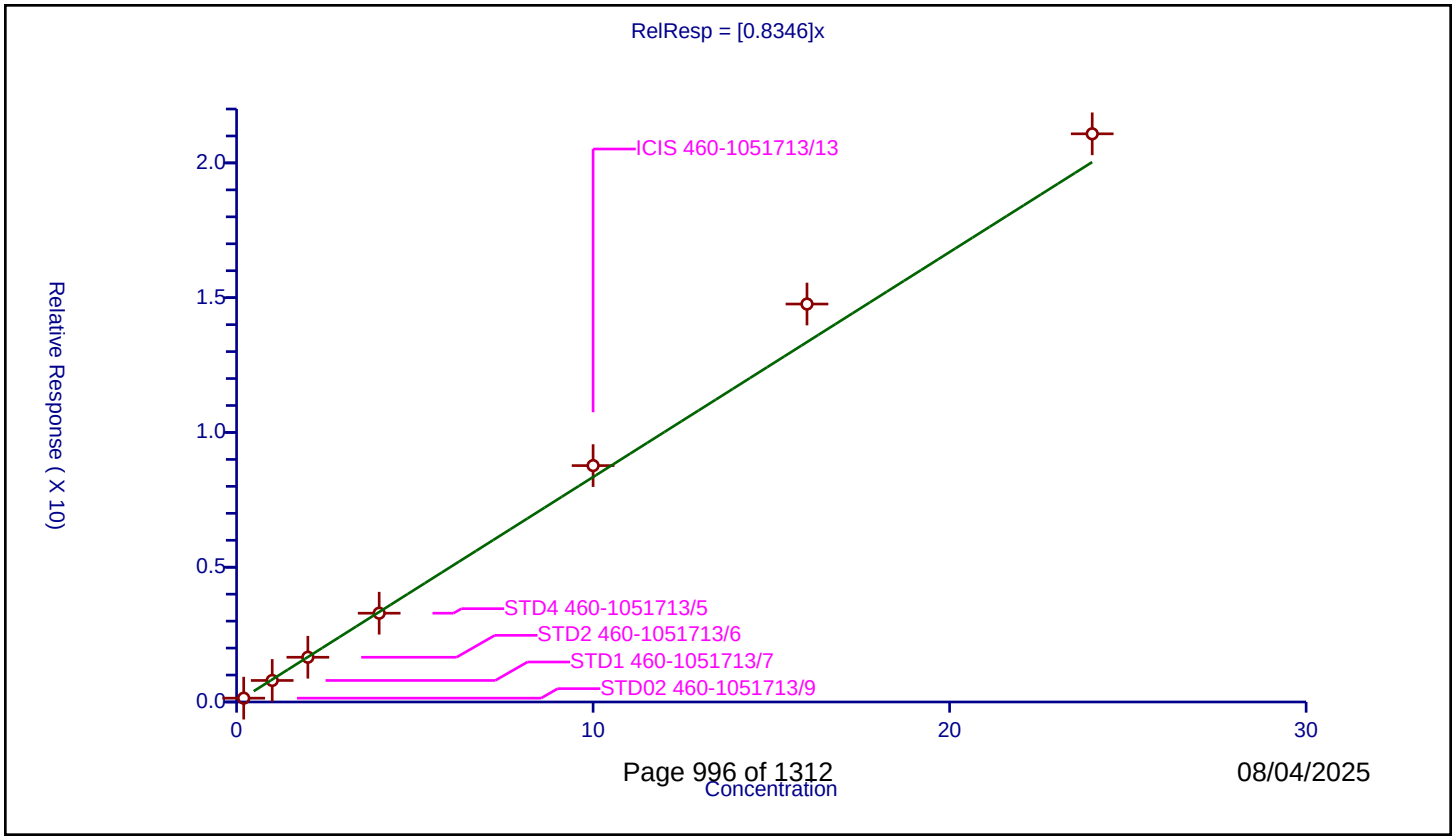
Curve Coefficients

Intercept:	0
Slope:	0.8346

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.142312	8.0	3800654.0	0.711562	Y
2	STD1 460-1051713/7	1.0	0.798996	8.0	3751889.0	0.798996	Y
3	STD2 460-1051713/6	2.0	1.660012	8.0	3594023.0	0.830006	Y
4	STD4 460-1051713/5	4.0	3.294231	8.0	3622796.0	0.823558	Y
5	ICIS 460-1051713/13	10.0	8.770675	8.0	2869475.0	0.877067	Y
6	STD16 460-1051713/4	16.0	14.765208	8.0	3079112.0	0.922825	Y
7	STD24 460-1051713/3	24.0	21.079558	8.0	2903802.0	0.878315	Y



Calibration / 2,4-Dinitrophenol

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

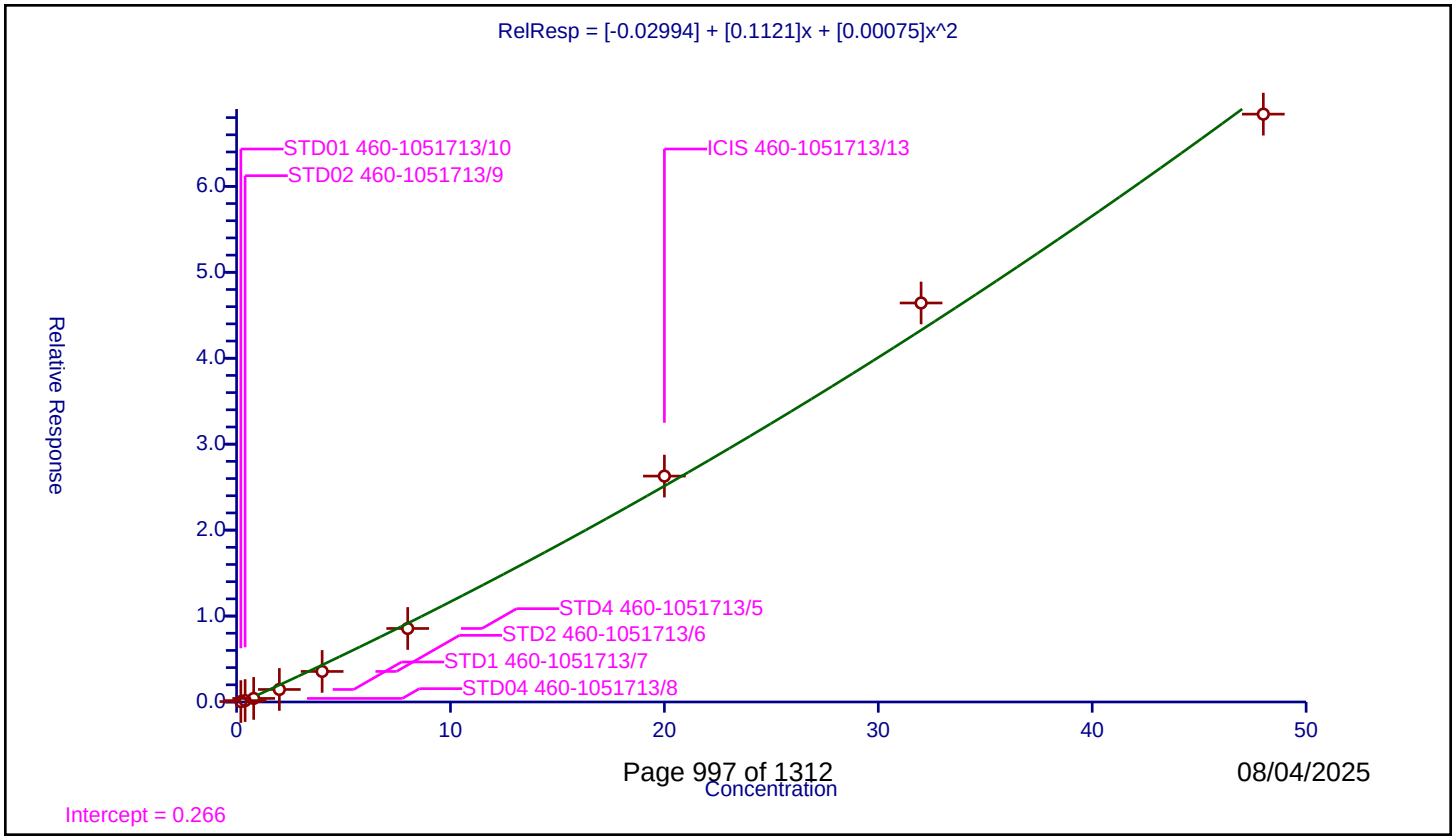
Curve Coefficients

Intercept:	-0.02994
Slope:	0.1121
Second Order:	0.00075

Error Coefficients

Relative Standard Deviation:	26.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-1051713/10	0.2	0.004844	8.0	3767477.0	0.024218	Y
2	STD02 460-1051713/9	0.4	0.016357	8.0	3800654.0	0.040893	Y
3	STD04 460-1051713/8	0.8	0.041417	8.0	3700717.0	0.051771	Y
4	STD1 460-1051713/7	2.0	0.14581	8.0	3751889.0	0.072905	Y
5	STD2 460-1051713/6	4.0	0.355553	8.0	3594023.0	0.088888	Y
6	STD4 460-1051713/5	8.0	0.855461	8.0	3622796.0	0.106933	Y
7	ICIS 460-1051713/13	20.0	2.628659	8.0	2869475.0	0.131433	Y
8	STD16 460-1051713/4	32.0	4.642892	8.0	3079112.0	0.14509	Y
9	STD24 460-1051713/3	48.0	6.84048	8.0	2903802.0	0.14251	Y



Calibration / 4-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

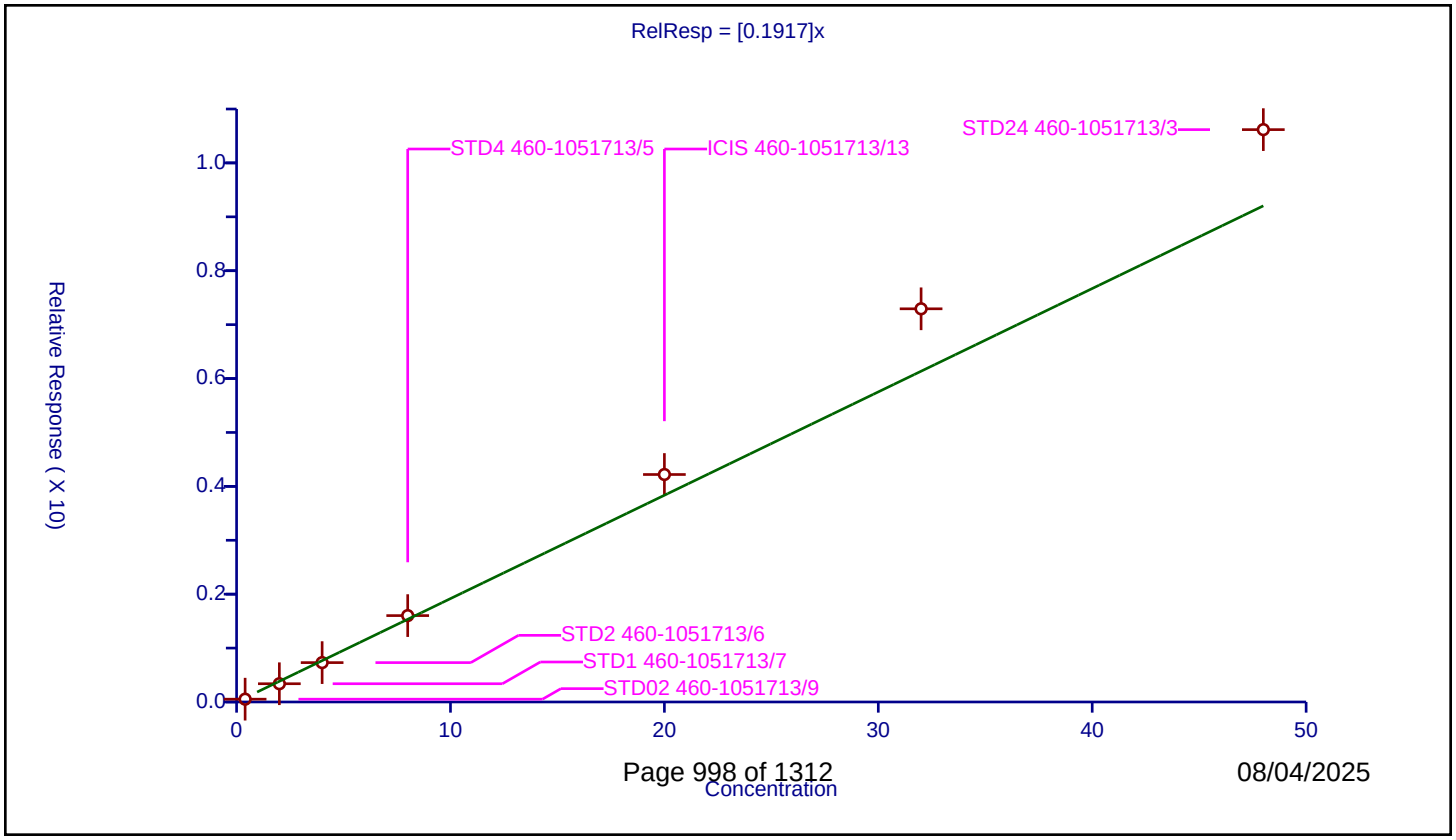
Curve Coefficients

Intercept:	0
Slope:	0.1917

Error Coefficients

Relative Standard Deviation:	17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.4	0.05197	8.0	3800654.0	0.129925	Y
2	STD1 460-1051713/7	2.0	0.338624	8.0	3751889.0	0.169312	Y
3	STD2 460-1051713/6	4.0	0.730241	8.0	3594023.0	0.18256	Y
4	STD4 460-1051713/5	8.0	1.602307	8.0	3622796.0	0.200288	Y
5	ICIS 460-1051713/13	20.0	4.219919	8.0	2869475.0	0.210996	Y
6	STD16 460-1051713/4	32.0	7.294002	8.0	3079112.0	0.227938	Y
7	STD24 460-1051713/3	48.0	10.617707	8.0	2903802.0	0.221202	Y



Calibration / 2,4-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

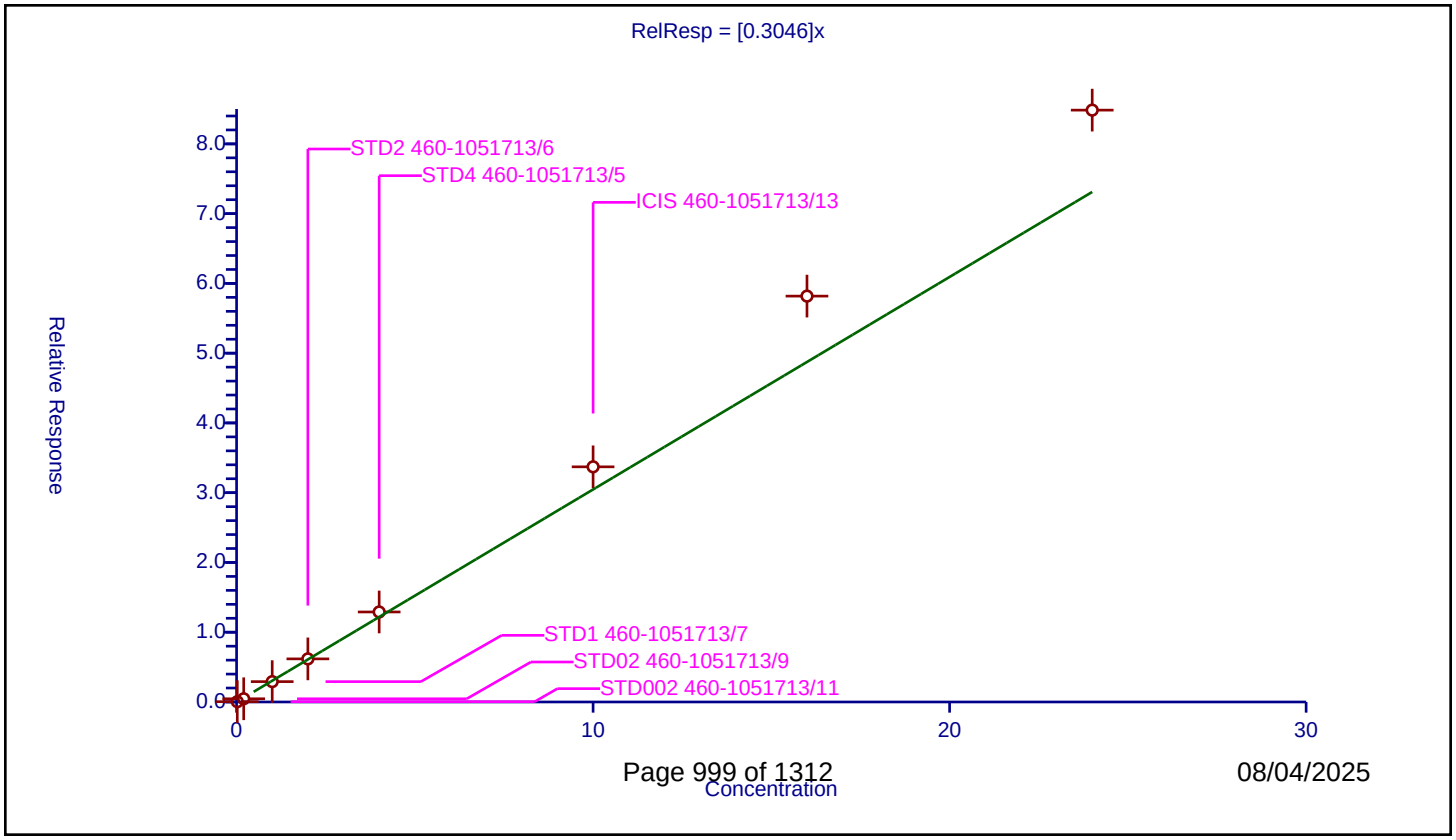
Curve Coefficients

Intercept:	0
Slope:	0.3046

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.004571	8.0	3269200.0	0.228557	Y
2	STD02 460-1051713/9	0.2	0.046209	8.0	3800654.0	0.231044	Y
3	STD1 460-1051713/7	1.0	0.29171	8.0	3751889.0	0.29171	Y
4	STD2 460-1051713/6	2.0	0.617761	8.0	3594023.0	0.308881	Y
5	STD4 460-1051713/5	4.0	1.29046	8.0	3622796.0	0.322615	Y
6	ICIS 460-1051713/13	10.0	3.371086	8.0	2869475.0	0.337109	Y
7	STD16 460-1051713/4	16.0	5.818033	8.0	3079112.0	0.363627	Y
8	STD24 460-1051713/3	24.0	8.484088	8.0	2903802.0	0.353504	Y



Calibration / Dibenzofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

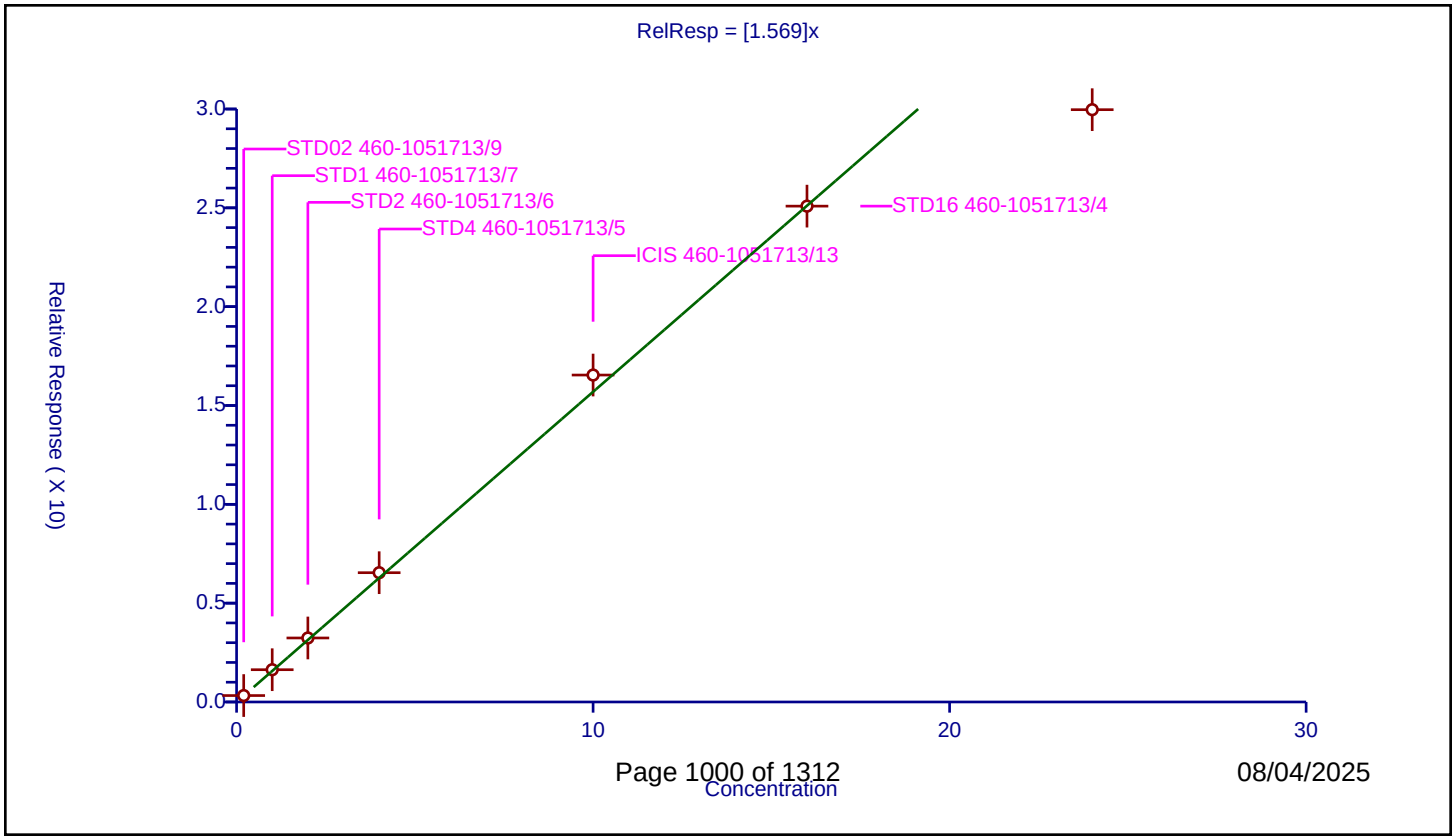
Curve Coefficients

Intercept:	0
Slope:	1.569

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.325241	8.0	3800654.0	1.626204	Y
2	STD1 460-1051713/7	1.0	1.633586	8.0	3751889.0	1.633586	Y
3	STD2 460-1051713/6	2.0	3.238025	8.0	3594023.0	1.619012	Y
4	STD4 460-1051713/5	4.0	6.540815	8.0	3622796.0	1.635204	Y
5	ICIS 460-1051713/13	10.0	16.541108	8.0	2869475.0	1.654111	Y
6	STD16 460-1051713/4	16.0	25.085804	8.0	3079112.0	1.567863	Y
7	STD24 460-1051713/3	24.0	29.965635	8.0	2903802.0	1.248568	Y



Calibration / 2,3,4,6-Tetrachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

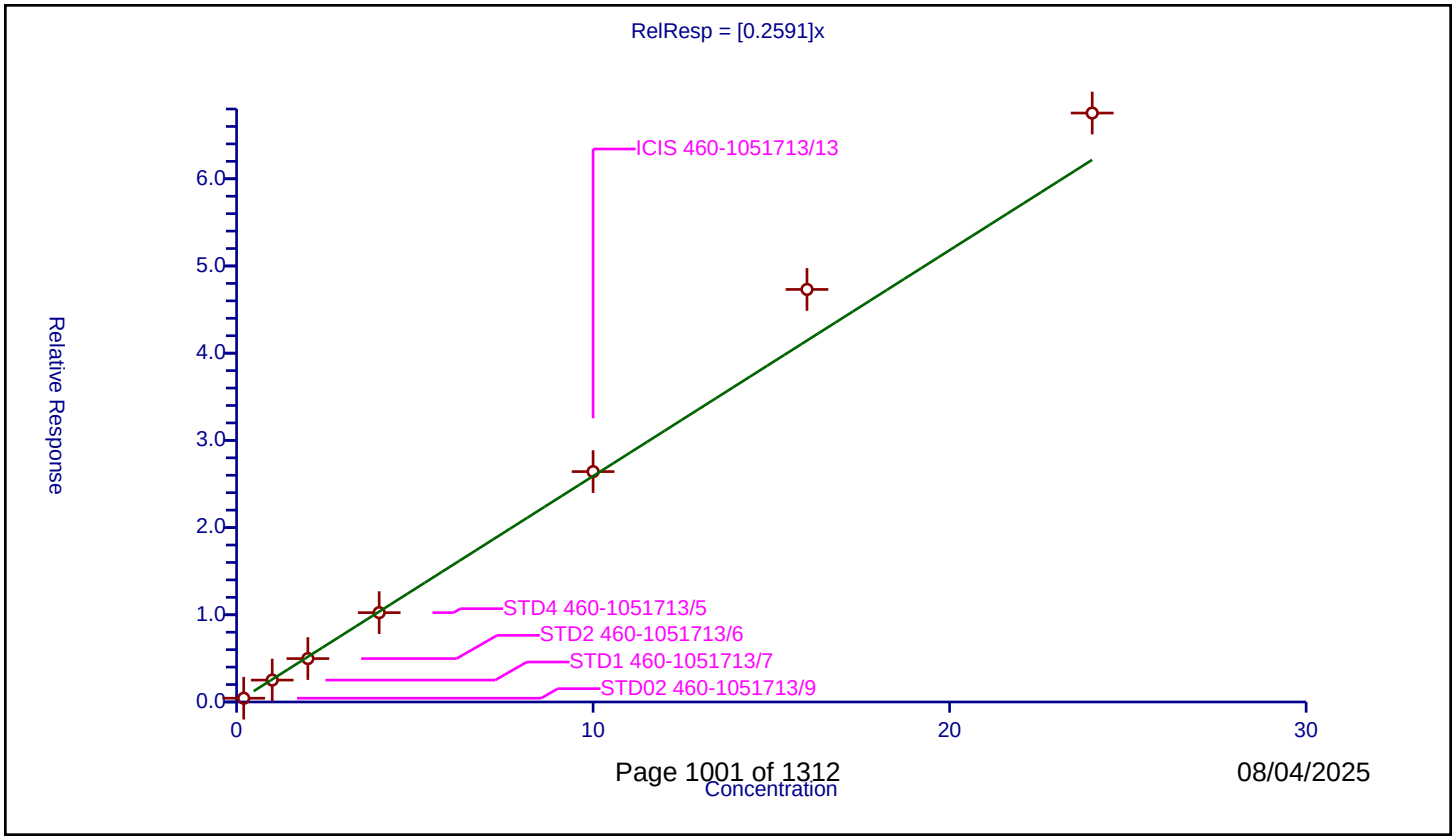
Curve Coefficients

Intercept:	0
Slope:	0.2591

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.043186	8.0	3800654.0	0.215931	Y
2	STD1 460-1051713/7	1.0	0.251261	8.0	3751889.0	0.251261	Y
3	STD2 460-1051713/6	2.0	0.497562	8.0	3594023.0	0.248781	Y
4	STD4 460-1051713/5	4.0	1.024484	8.0	3622796.0	0.256121	Y
5	ICIS 460-1051713/13	10.0	2.641913	8.0	2869475.0	0.264191	Y
6	STD16 460-1051713/4	16.0	4.730969	8.0	3079112.0	0.295686	Y
7	STD24 460-1051713/3	24.0	6.753838	8.0	2903802.0	0.28141	Y



Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

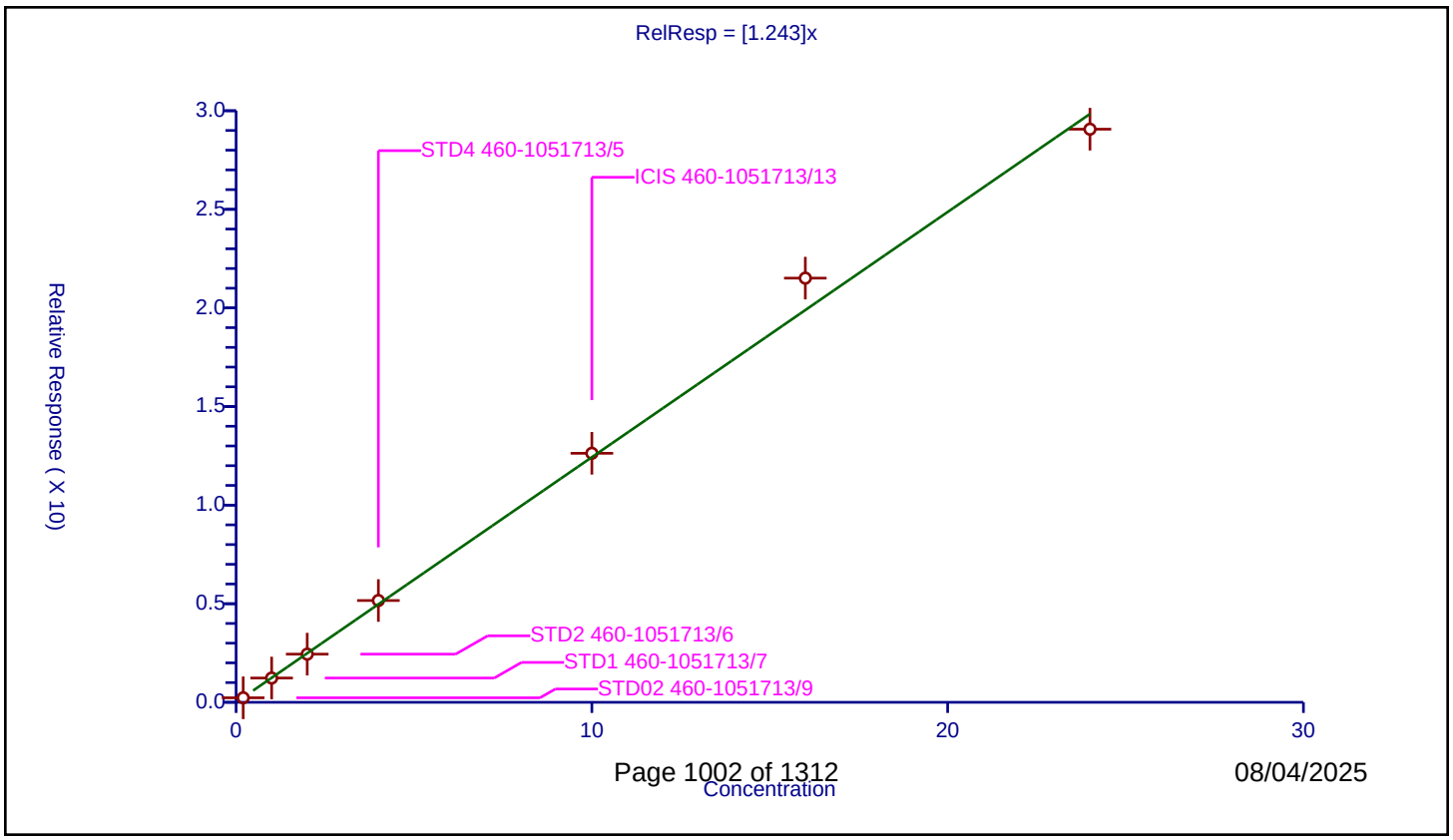
Curve Coefficients

Intercept:	0
Slope:	1.243

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.228272	8.0	3800654.0	1.141361	Y
2	STD1 460-1051713/7	1.0	1.231156	8.0	3751889.0	1.231156	Y
3	STD2 460-1051713/6	2.0	2.442092	8.0	3594023.0	1.221046	Y
4	STD4 460-1051713/5	4.0	5.162444	8.0	3622796.0	1.290611	Y
5	ICIS 460-1051713/13	10.0	12.629128	8.0	2869475.0	1.262913	Y
6	STD16 460-1051713/4	16.0	21.511844	8.0	3079112.0	1.34449	Y
7	STD24 460-1051713/3	24.0	29.06521	8.0	2903802.0	1.21105	Y



Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

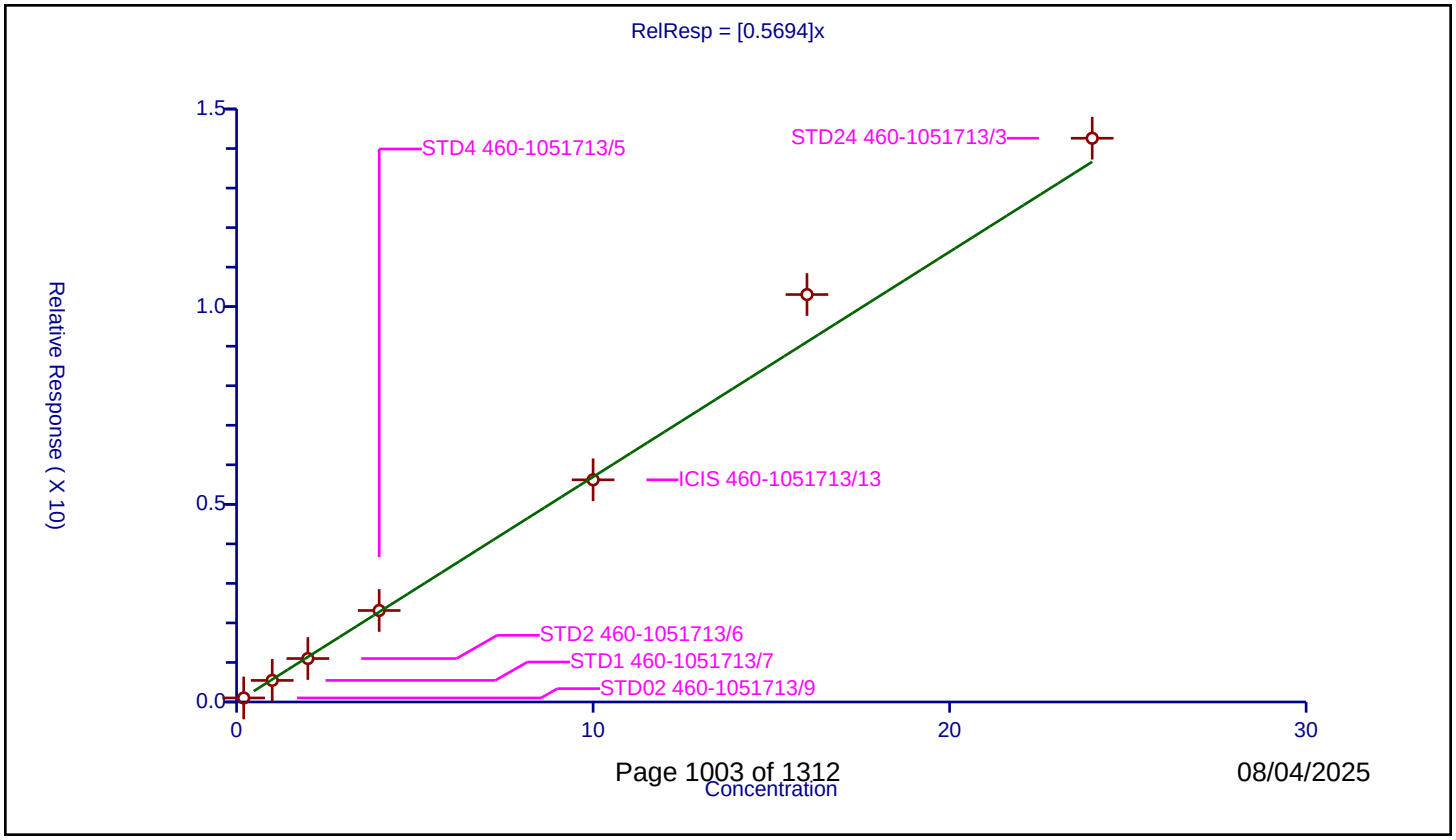
Curve Coefficients

Intercept:	0
Slope:	0.5694

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.102222	8.0	6223187.0	0.511108	Y
2	STD1 460-1051713/7	1.0	0.545836	8.0	6128433.0	0.545836	Y
3	STD2 460-1051713/6	2.0	1.099079	8.0	5744608.0	0.549539	Y
4	STD4 460-1051713/5	4.0	2.314897	8.0	5700685.0	0.578724	Y
5	ICIS 460-1051713/13	10.0	5.619966	8.0	4531196.0	0.561997	Y
6	STD16 460-1051713/4	16.0	10.307064	8.0	4747850.0	0.644191	Y
7	STD24 460-1051713/3	24.0	14.260464	8.0	4571353.0	0.594186	Y



Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

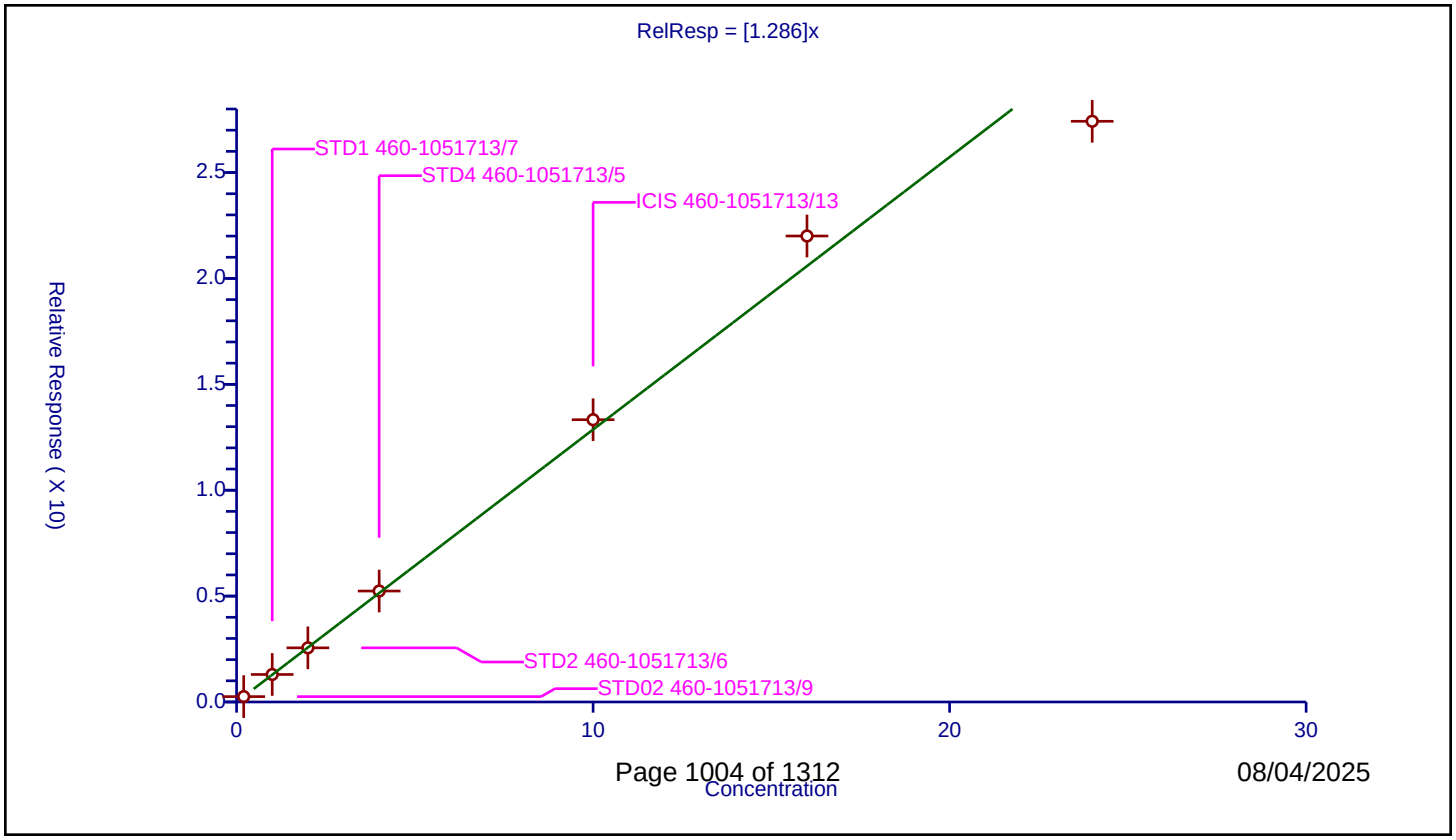
Curve Coefficients

Intercept:	0
Slope:	1.286

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.253607	8.0	3800654.0	1.268034	Y
2	STD1 460-1051713/7	1.0	1.298422	8.0	3751889.0	1.298422	Y
3	STD2 460-1051713/6	2.0	2.556838	8.0	3594023.0	1.278419	Y
4	STD4 460-1051713/5	4.0	5.239334	8.0	3622796.0	1.309834	Y
5	ICIS 460-1051713/13	10.0	13.329463	8.0	2869475.0	1.332946	Y
6	STD16 460-1051713/4	16.0	22.003354	8.0	3079112.0	1.37521	Y
7	STD24 460-1051713/3	24.0	27.42098	8.0	2903802.0	1.142541	Y



Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

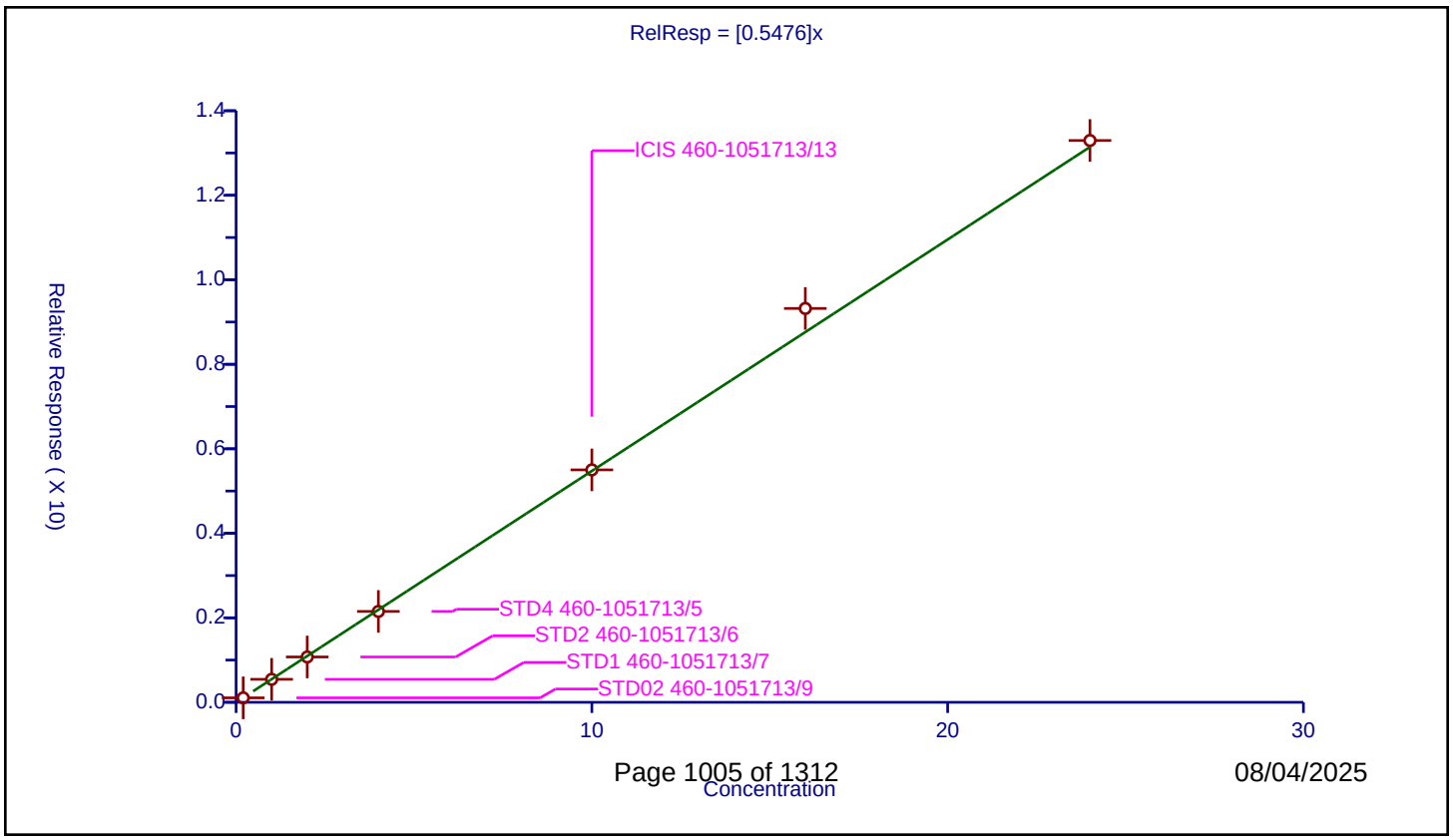
Curve Coefficients

Intercept:	0
Slope:	0.5476

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.105645	8.0	3800654.0	0.528225	Y
2	STD1 460-1051713/7	1.0	0.543978	8.0	3751889.0	0.543978	Y
3	STD2 460-1051713/6	2.0	1.073146	8.0	3594023.0	0.536573	Y
4	STD4 460-1051713/5	4.0	2.151304	8.0	3622796.0	0.537826	Y
5	ICIS 460-1051713/13	10.0	5.501162	8.0	2869475.0	0.550116	Y
6	STD16 460-1051713/4	16.0	9.320918	8.0	3079112.0	0.582557	Y
7	STD24 460-1051713/3	24.0	13.29616	8.0	2903802.0	0.554007	Y



Calibration / 4-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

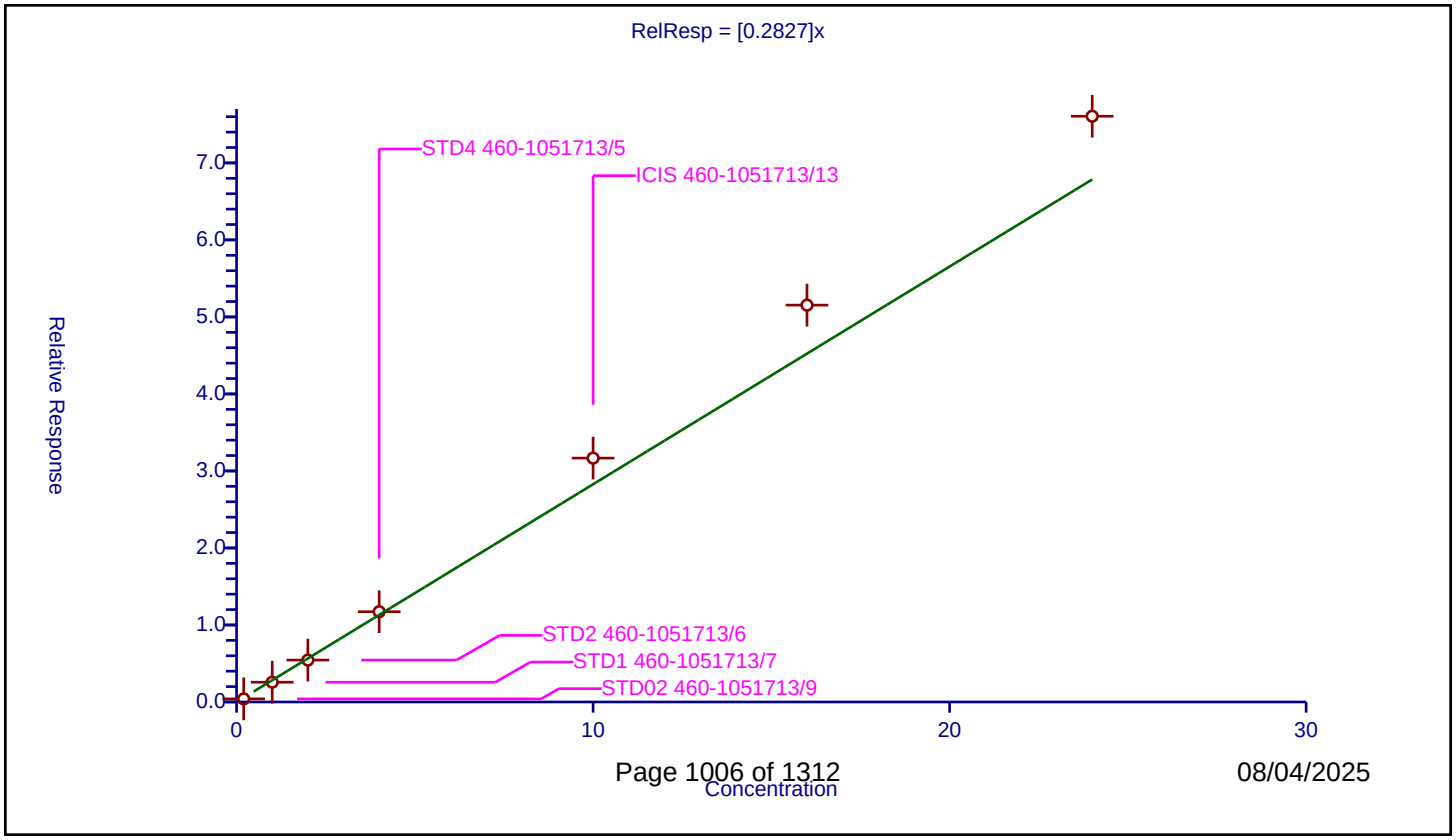
Curve Coefficients

Intercept:	0
Slope:	0.2827

Error Coefficients

Relative Standard Deviation:	15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.040305	8.0	3800654.0	0.201523	Y
2	STD1 460-1051713/7	1.0	0.256724	8.0	3751889.0	0.256724	Y
3	STD2 460-1051713/6	2.0	0.544028	8.0	3594023.0	0.272014	Y
4	STD4 460-1051713/5	4.0	1.172195	8.0	3622796.0	0.293049	Y
5	ICIS 460-1051713/13	10.0	3.166854	8.0	2869475.0	0.316685	Y
6	STD16 460-1051713/4	16.0	5.153317	8.0	3079112.0	0.322082	Y
7	STD24 460-1051713/3	24.0	7.606306	8.0	2903802.0	0.316929	Y



Calibration / 4,6-Dinitro-2-methylphenol

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

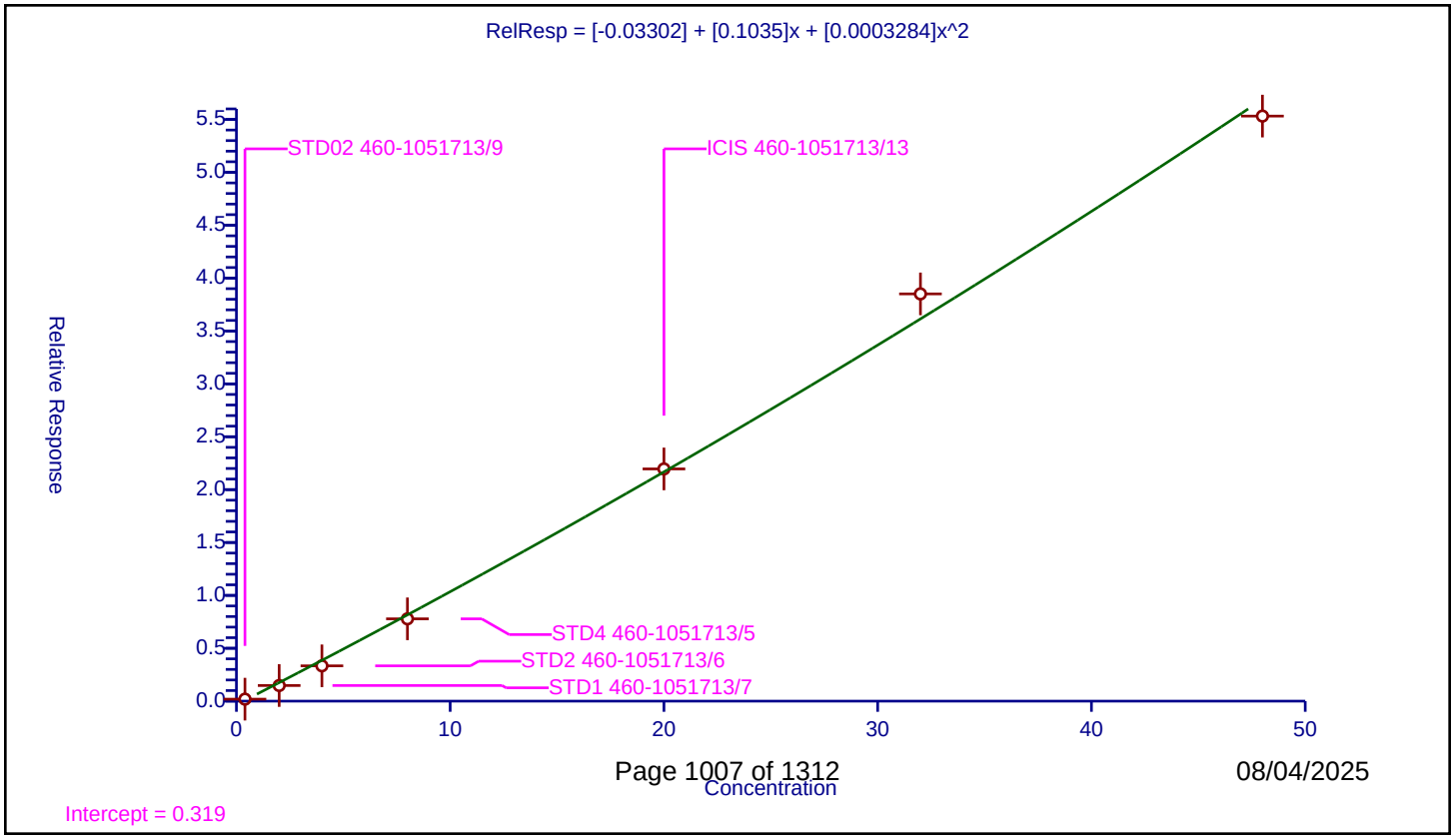
Curve Coefficients

Intercept:	-0.03302
Slope:	0.1035
Second Order:	0.0003284

Error Coefficients

Relative Standard Deviation:	15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.4	0.01883	8.0	6223187.0	0.047076	Y
2	STD1 460-1051713/7	2.0	0.147619	8.0	6128433.0	0.073809	Y
3	STD2 460-1051713/6	4.0	0.33393	8.0	5744608.0	0.083482	Y
4	STD4 460-1051713/5	8.0	0.778191	8.0	5700685.0	0.097274	Y
5	ICIS 460-1051713/13	20.0	2.195563	8.0	4531196.0	0.109778	Y
6	STD16 460-1051713/4	32.0	3.850716	8.0	4747850.0	0.120335	Y
7	STD24 460-1051713/3	48.0	5.532029	8.0	4571353.0	0.115251	Y



Calibration / N-Nitrosodiphenylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

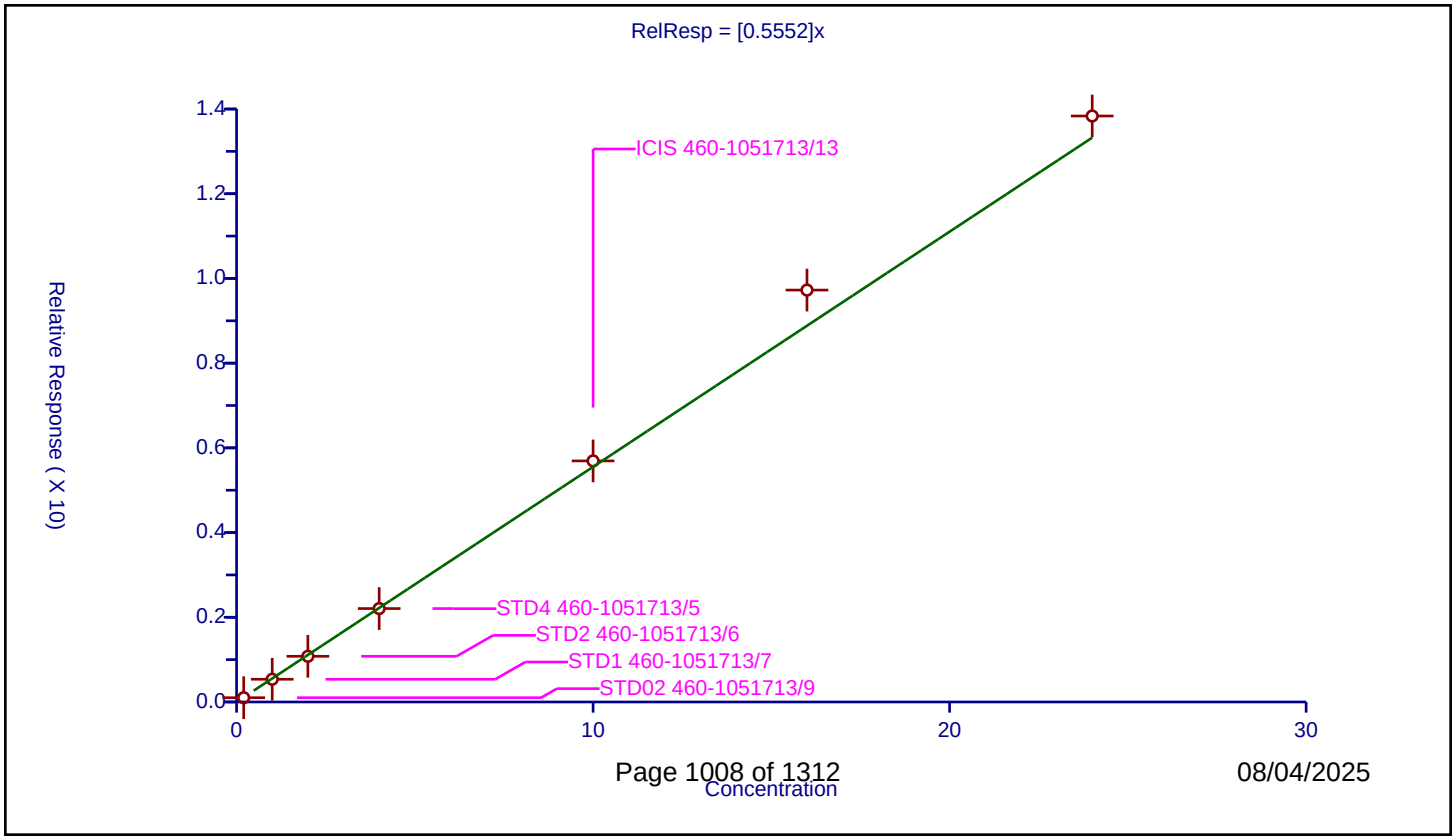
Curve Coefficients

Intercept:	0
Slope:	0.5552

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.101012	8.0	6223187.0	0.50506	Y
2	STD1 460-1051713/7	1.0	0.536986	8.0	6128433.0	0.536986	Y
3	STD2 460-1051713/6	2.0	1.078713	8.0	5744608.0	0.539357	Y
4	STD4 460-1051713/5	4.0	2.205652	8.0	5700685.0	0.551413	Y
5	ICIS 460-1051713/13	10.0	5.691808	8.0	4531196.0	0.569181	Y
6	STD16 460-1051713/4	16.0	9.724808	8.0	4747850.0	0.6078	Y
7	STD24 460-1051713/3	24.0	13.834812	8.0	4571353.0	0.57645	Y



Calibration / 1,2-Diphenylhydrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

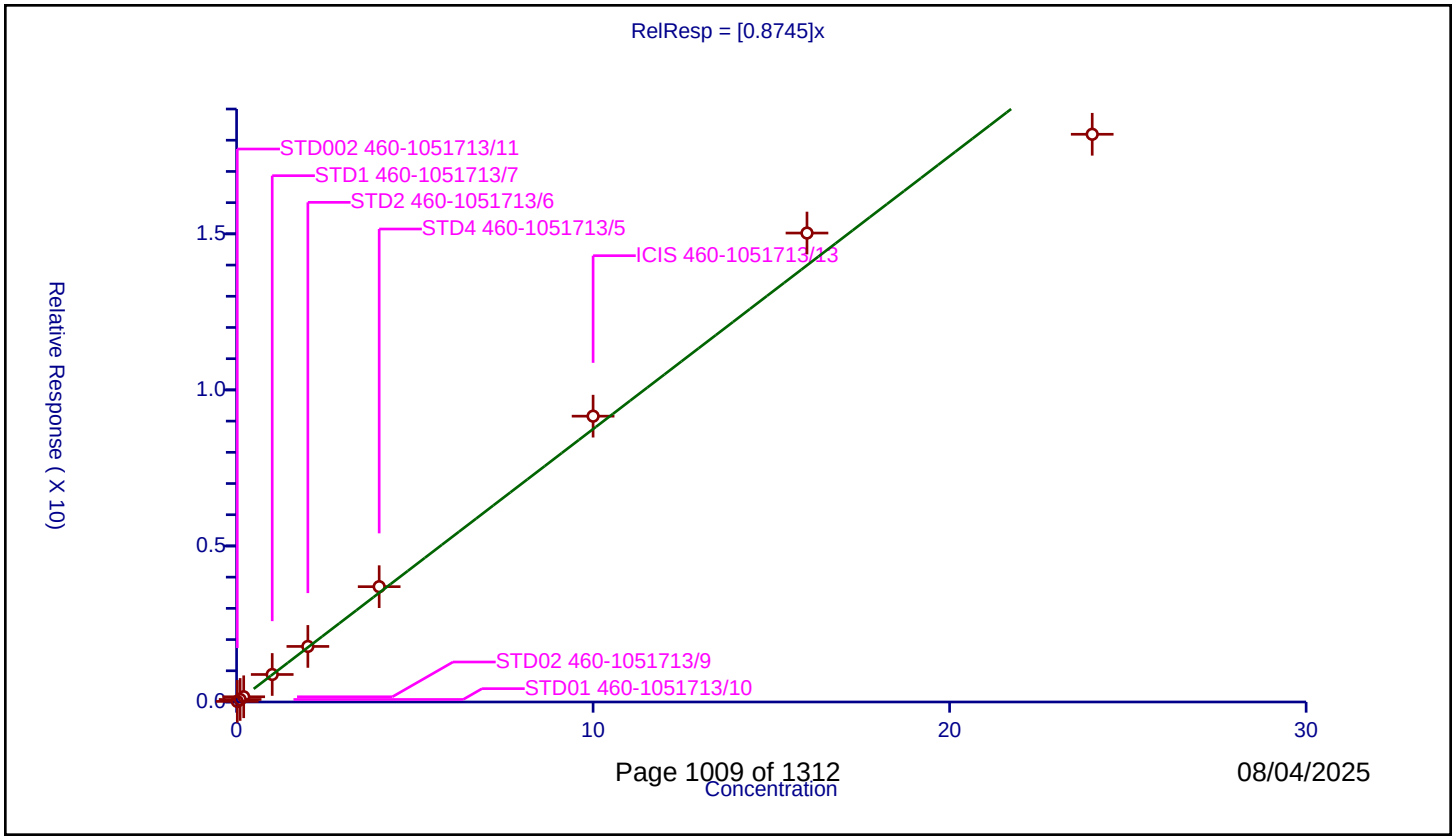
Curve Coefficients

Intercept:	0
Slope:	0.8745

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.018317	8.0	5426996.0	0.915866	Y
2	STD01 460-1051713/10	0.1	0.080929	8.0	6160227.0	0.809295	Y
3	STD02 460-1051713/9	0.2	0.167452	8.0	6223187.0	0.837262	Y
4	STD1 460-1051713/7	1.0	0.881363	8.0	6128433.0	0.881363	Y
5	STD2 460-1051713/6	2.0	1.78044	8.0	5744608.0	0.89022	Y
6	STD4 460-1051713/5	4.0	3.69491	8.0	5700685.0	0.923728	Y
7	ICIS 460-1051713/13	10.0	9.158573	8.0	4531196.0	0.915857	Y
8	STD16 460-1051713/4	16.0	15.025957	8.0	4747850.0	0.939122	Y
9	STD24 460-1051713/3	24.0	18.19042	8.0	4571353.0	0.757934	Y



Calibration / Azobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

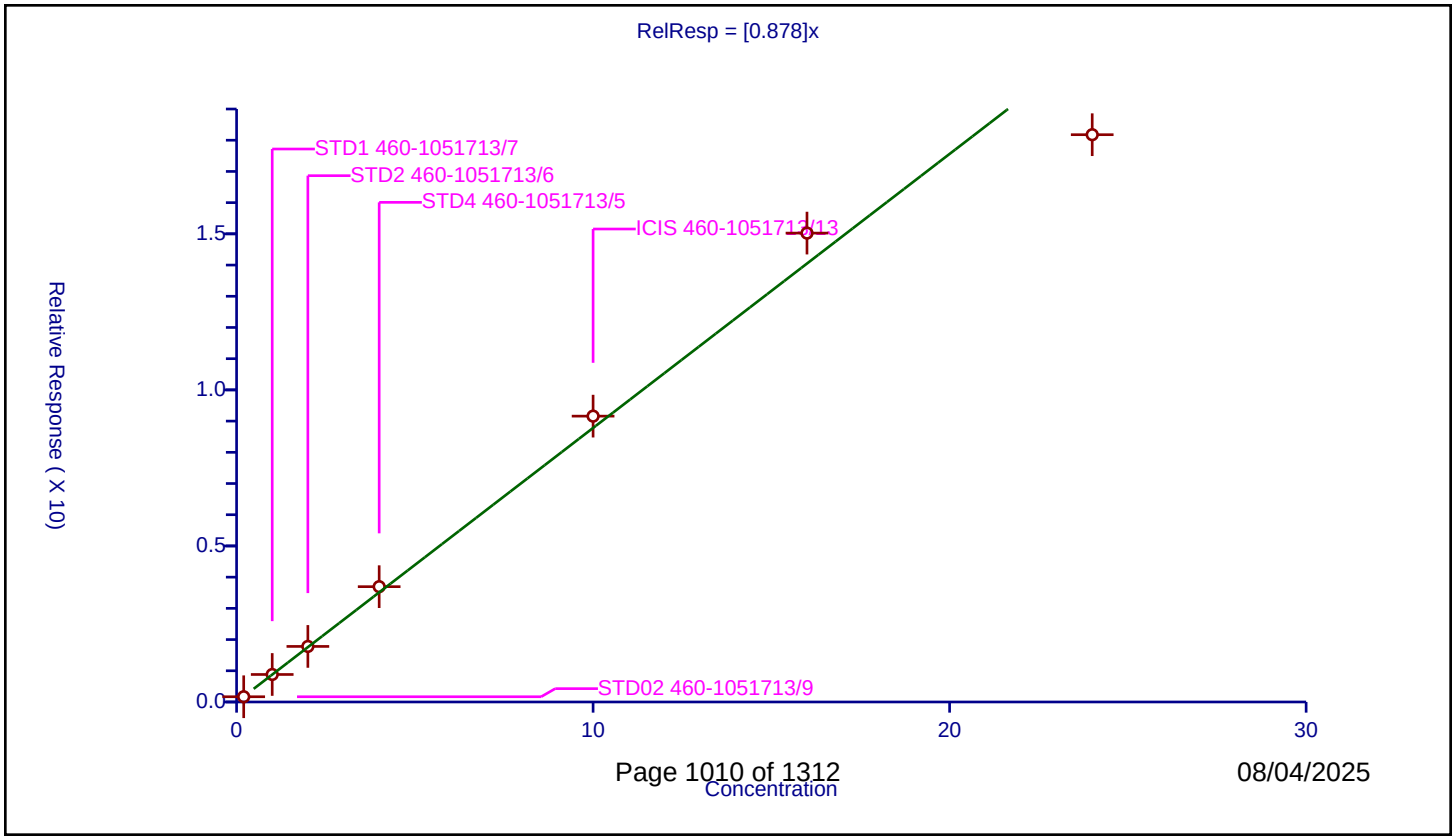
Curve Coefficients

Intercept:	0
Slope:	0.878

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.167724	8.0	6223187.0	0.838619	Y
2	STD1 460-1051713/7	1.0	0.881324	8.0	6128433.0	0.881324	Y
3	STD2 460-1051713/6	2.0	1.780498	8.0	5744608.0	0.890249	Y
4	STD4 460-1051713/5	4.0	3.695056	8.0	5700685.0	0.923764	Y
5	ICIS 460-1051713/13	10.0	9.158984	8.0	4531196.0	0.915898	Y
6	STD16 460-1051713/4	16.0	15.024596	8.0	4747850.0	0.939037	Y
7	STD24 460-1051713/3	24.0	18.176899	8.0	4571353.0	0.757371	Y



08/04/2025

Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

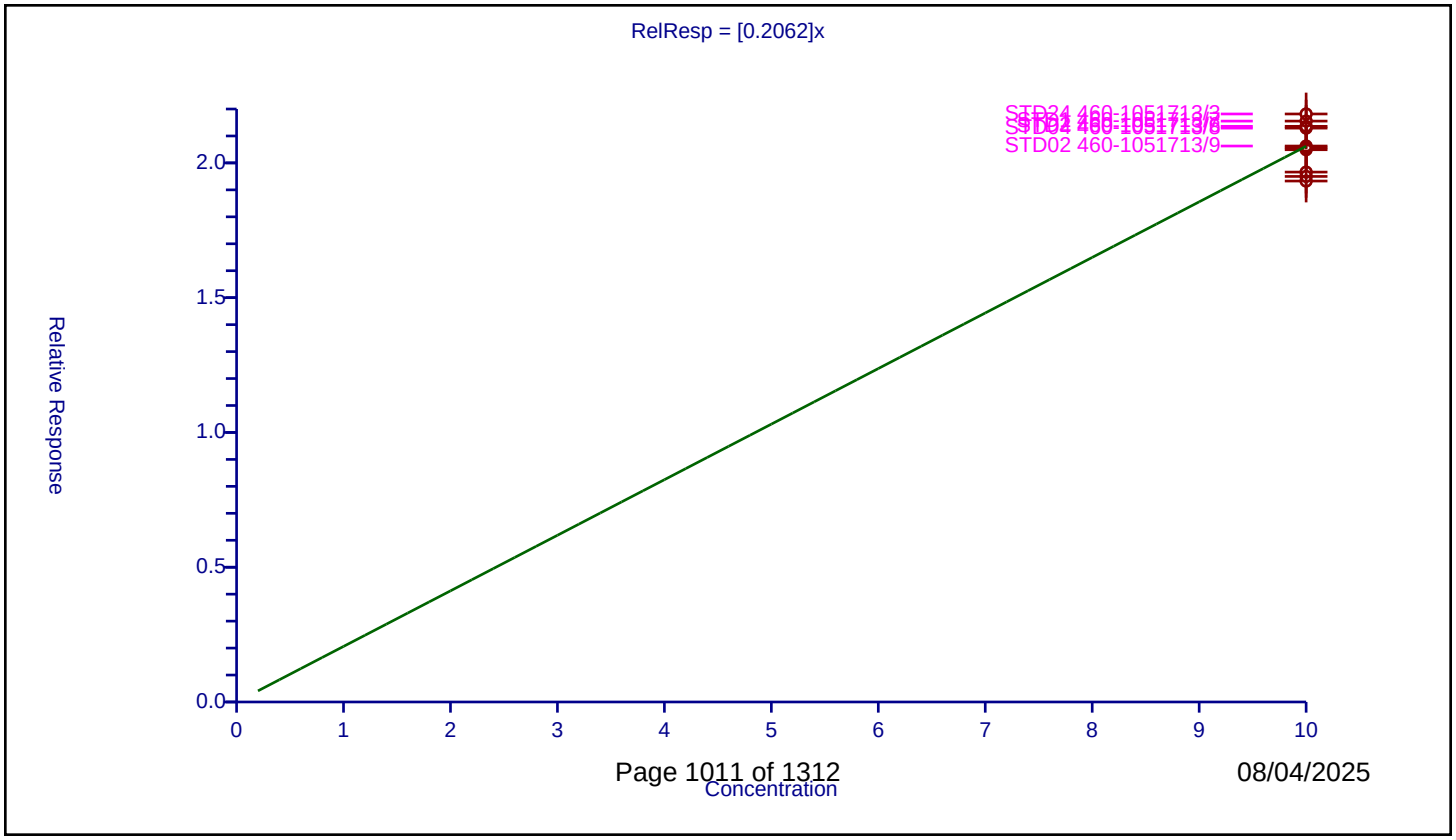
Curve Coefficients

Intercept:	0
Slope:	0.2062

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD24 460-1051713/3	10.0	2.181567	8.0	2903802.0	0.218157	Y
2	STD16 460-1051713/4	10.0	1.932729	8.0	3079112.0	0.193273	Y
3	STD4 460-1051713/5	10.0	2.04897	8.0	3622796.0	0.204897	Y
4	STD2 460-1051713/6	10.0	2.135795	8.0	3594023.0	0.213579	Y
5	STD1 460-1051713/7	10.0	2.155145	8.0	3751889.0	0.215514	Y
6	STD04 460-1051713/8	10.0	2.129081	8.0	3700717.0	0.212908	Y
7	STD02 460-1051713/9	10.0	2.062712	8.0	3800654.0	0.206271	Y
8	STD01 460-1051713/10	10.0	2.055867	8.0	3767477.0	0.205587	Y
9	STD002 460-1051713/11	10.0	1.966049	8.0	3269200.0	0.196605	Y
10	ICIS 460-1051713/13	10.0	1.949929	8.0	2869475.0	0.194993	Y



08/04/2025

Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

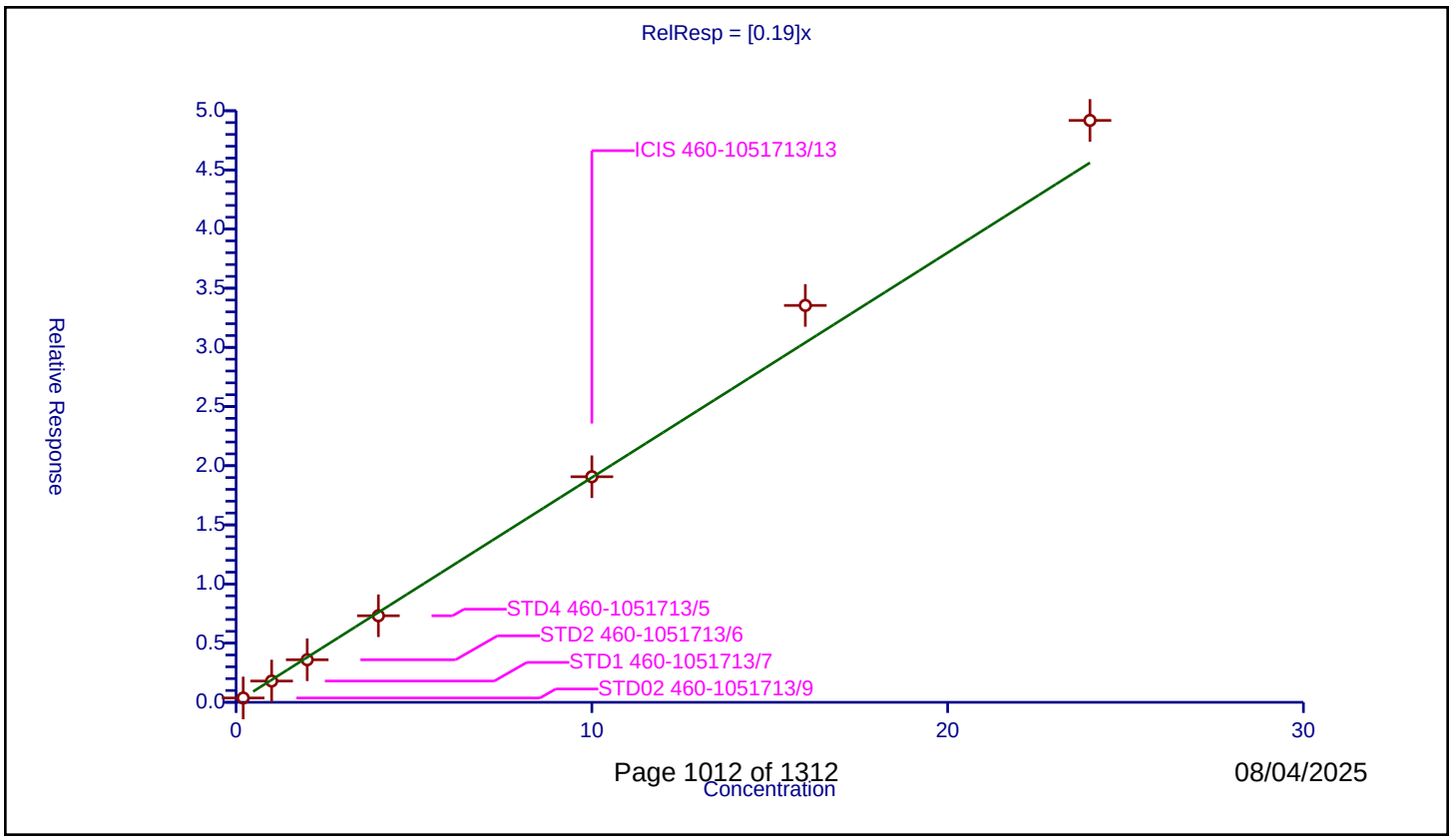
Curve Coefficients

Intercept:	0
Slope:	0.19

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.036489	8.0	6223187.0	0.182447	Y
2	STD1 460-1051713/7	1.0	0.179819	8.0	6128433.0	0.179819	Y
3	STD2 460-1051713/6	2.0	0.359568	8.0	5744608.0	0.179784	Y
4	STD4 460-1051713/5	4.0	0.731474	8.0	5700685.0	0.182869	Y
5	ICIS 460-1051713/13	10.0	1.906762	8.0	4531196.0	0.190676	Y
6	STD16 460-1051713/4	16.0	3.354472	8.0	4747850.0	0.209654	Y
7	STD24 460-1051713/3	24.0	4.918437	8.0	4571353.0	0.204935	Y



Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

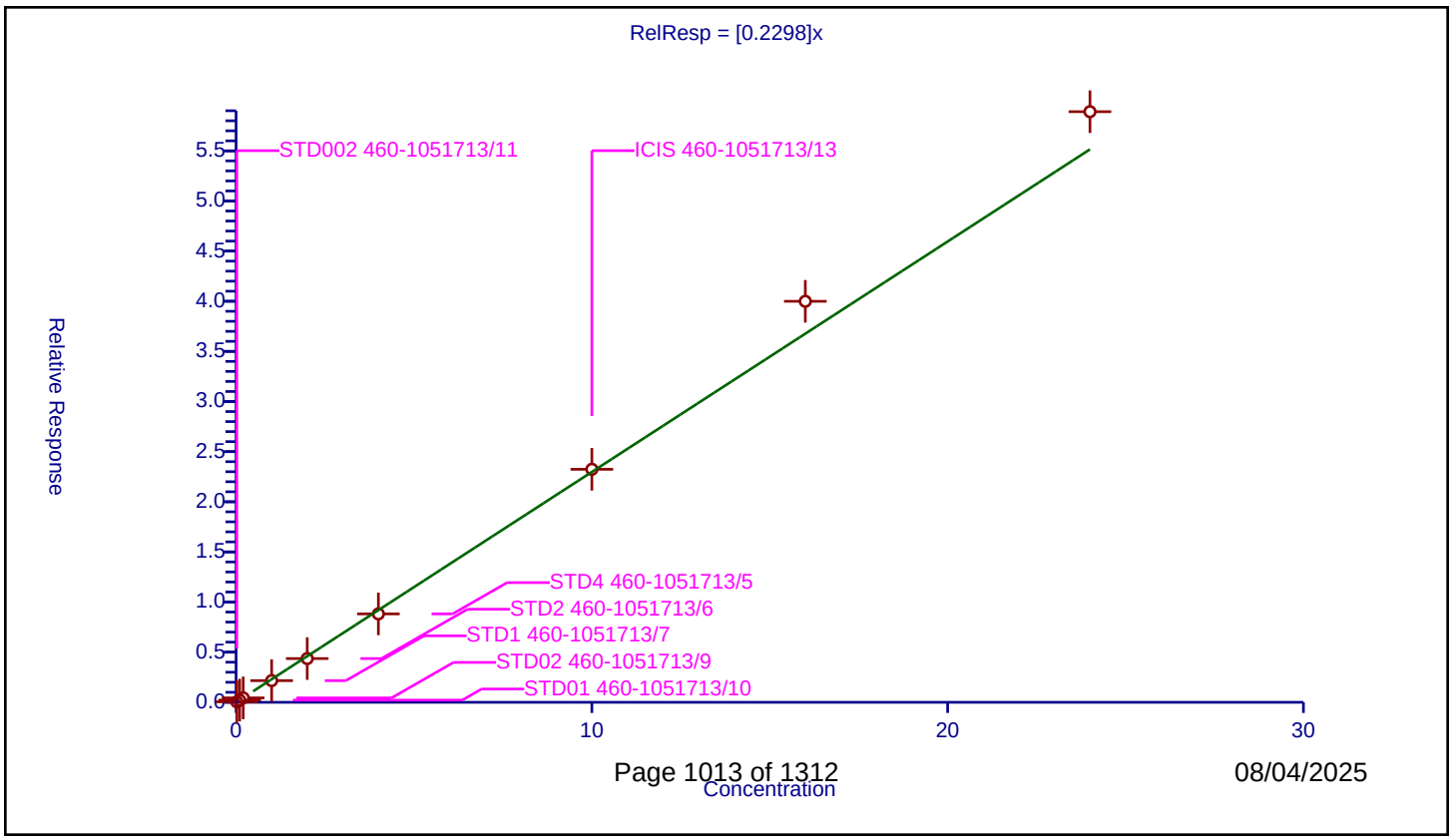
Curve Coefficients

Intercept:	0
Slope:	0.2298

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.004971	8.0	5426996.0	0.248535	Y
2	STD01 460-1051713/10	0.1	0.021768	8.0	6160227.0	0.21768	Y
3	STD02 460-1051713/9	0.2	0.043853	8.0	6223187.0	0.219264	Y
4	STD1 460-1051713/7	1.0	0.216186	8.0	6128433.0	0.216186	Y
5	STD2 460-1051713/6	2.0	0.436301	8.0	5744608.0	0.21815	Y
6	STD4 460-1051713/5	4.0	0.881773	8.0	5700685.0	0.220443	Y
7	ICIS 460-1051713/13	10.0	2.324061	8.0	4531196.0	0.232406	Y
8	STD16 460-1051713/4	16.0	3.999355	8.0	4747850.0	0.24996	Y
9	STD24 460-1051713/3	24.0	5.890778	8.0	4571353.0	0.245449	Y



Calibration / Atrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

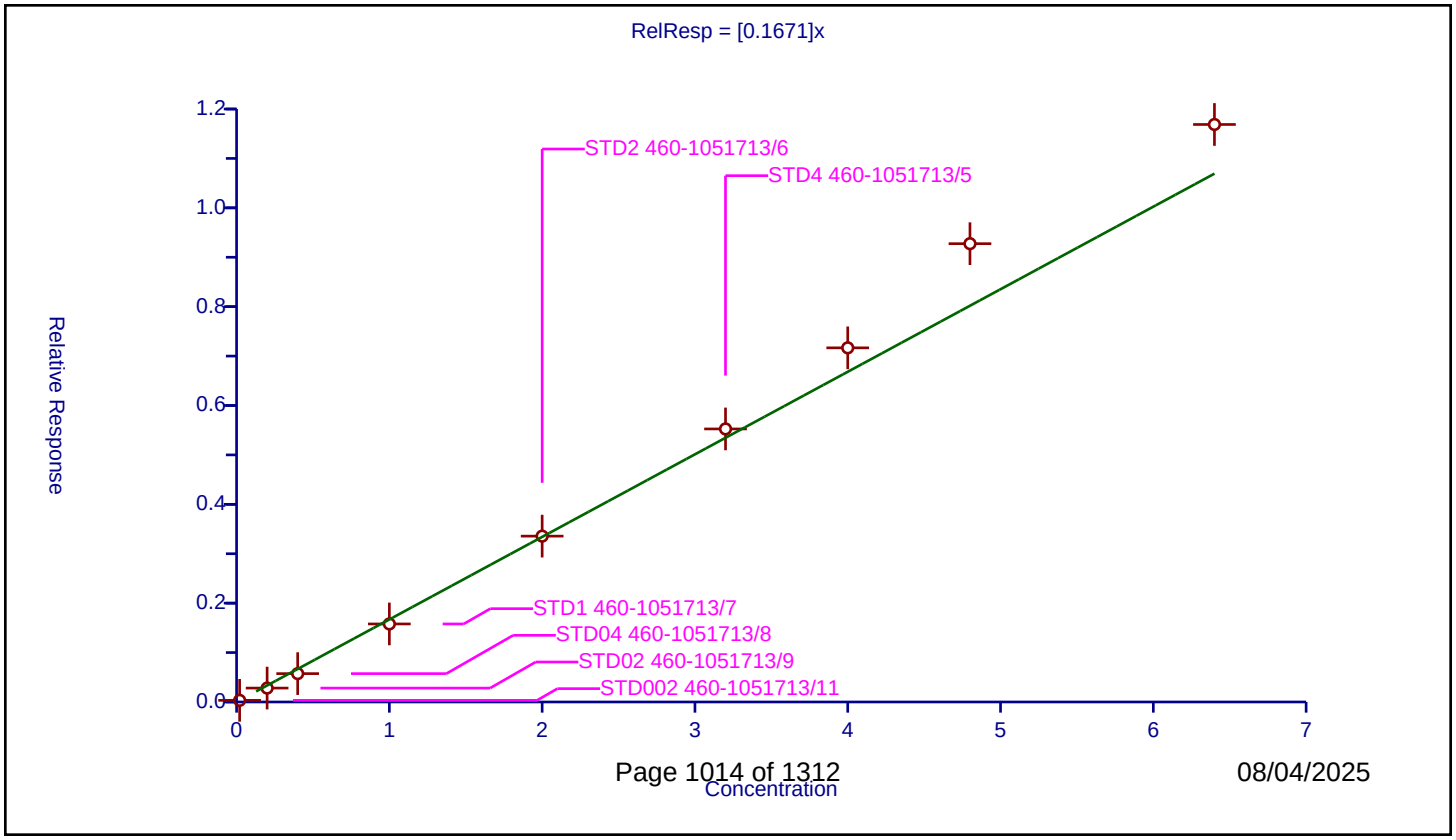
Curve Coefficients

Intercept:	0
Slope:	0.1671

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.003318	8.0	5426996.0	0.165911	Y
2	STD02 460-1051713/9	0.2	0.028123	8.0	6223187.0	0.140616	Y
3	STD04 460-1051713/8	0.4	0.057417	8.0	6023043.0	0.143542	Y
4	STD1 460-1051713/7	1.0	0.157946	8.0	6128433.0	0.157946	Y
5	STD2 460-1051713/6	2.0	0.335636	8.0	5744608.0	0.167818	Y
6	STD4 460-1051713/5	3.2	0.552564	8.0	5700685.0	0.172676	Y
7	ICIS 460-1051713/13	4.0	0.716692	8.0	4531196.0	0.179173	Y
8	STD16 460-1051713/4	4.8	0.927482	8.0	4747850.0	0.193225	Y
9	STD24 460-1051713/3	6.4	1.168692	8.0	4571353.0	0.182608	Y



Calibration / Pentachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

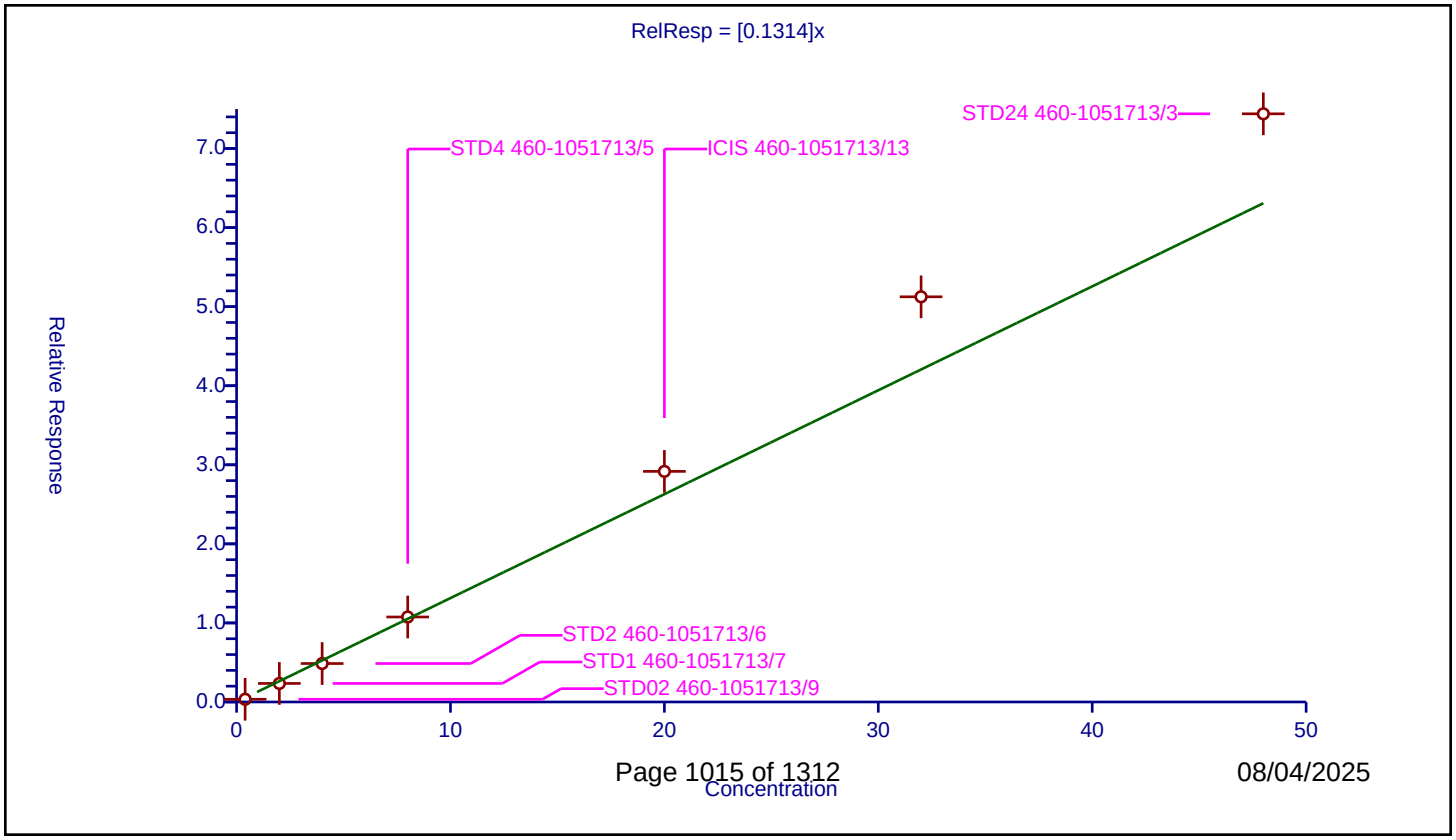
Curve Coefficients

Intercept:	0
Slope:	0.1314

Error Coefficients

Relative Standard Deviation:	19.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.4	0.034208	8.0	6223187.0	0.085519	Y
2	STD1 460-1051713/7	2.0	0.234717	8.0	6128433.0	0.117359	Y
3	STD2 460-1051713/6	4.0	0.486684	8.0	5744608.0	0.121671	Y
4	STD4 460-1051713/5	8.0	1.075127	8.0	5700685.0	0.134391	Y
5	ICIS 460-1051713/13	20.0	2.916669	8.0	4531196.0	0.145833	Y
6	STD16 460-1051713/4	32.0	5.124886	8.0	4747850.0	0.160153	Y
7	STD24 460-1051713/3	48.0	7.439448	8.0	4571353.0	0.154989	Y



Calibration / Pentachloronitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

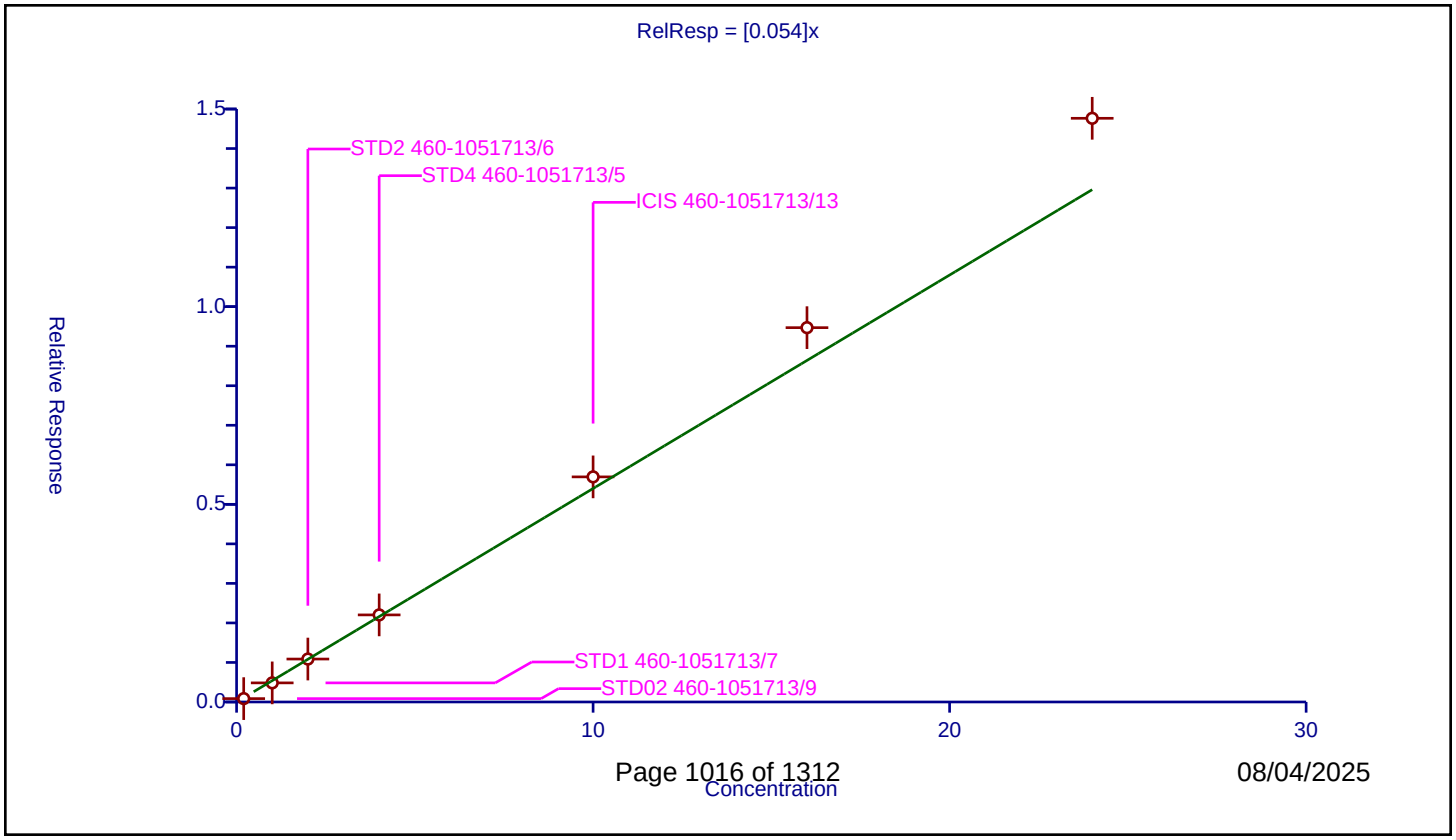
Curve Coefficients

Intercept:	0
Slope:	0.054

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.008531	8.0	6223187.0	0.042653	Y
2	STD1 460-1051713/7	1.0	0.048316	8.0	6128433.0	0.048316	Y
3	STD2 460-1051713/6	2.0	0.108635	8.0	5744608.0	0.054317	Y
4	STD4 460-1051713/5	4.0	0.220292	8.0	5700685.0	0.055073	Y
5	ICIS 460-1051713/13	10.0	0.569404	8.0	4531196.0	0.05694	Y
6	STD16 460-1051713/4	16.0	0.946918	8.0	4747850.0	0.059182	Y
7	STD24 460-1051713/3	24.0	1.47651	8.0	4571353.0	0.061521	Y



Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

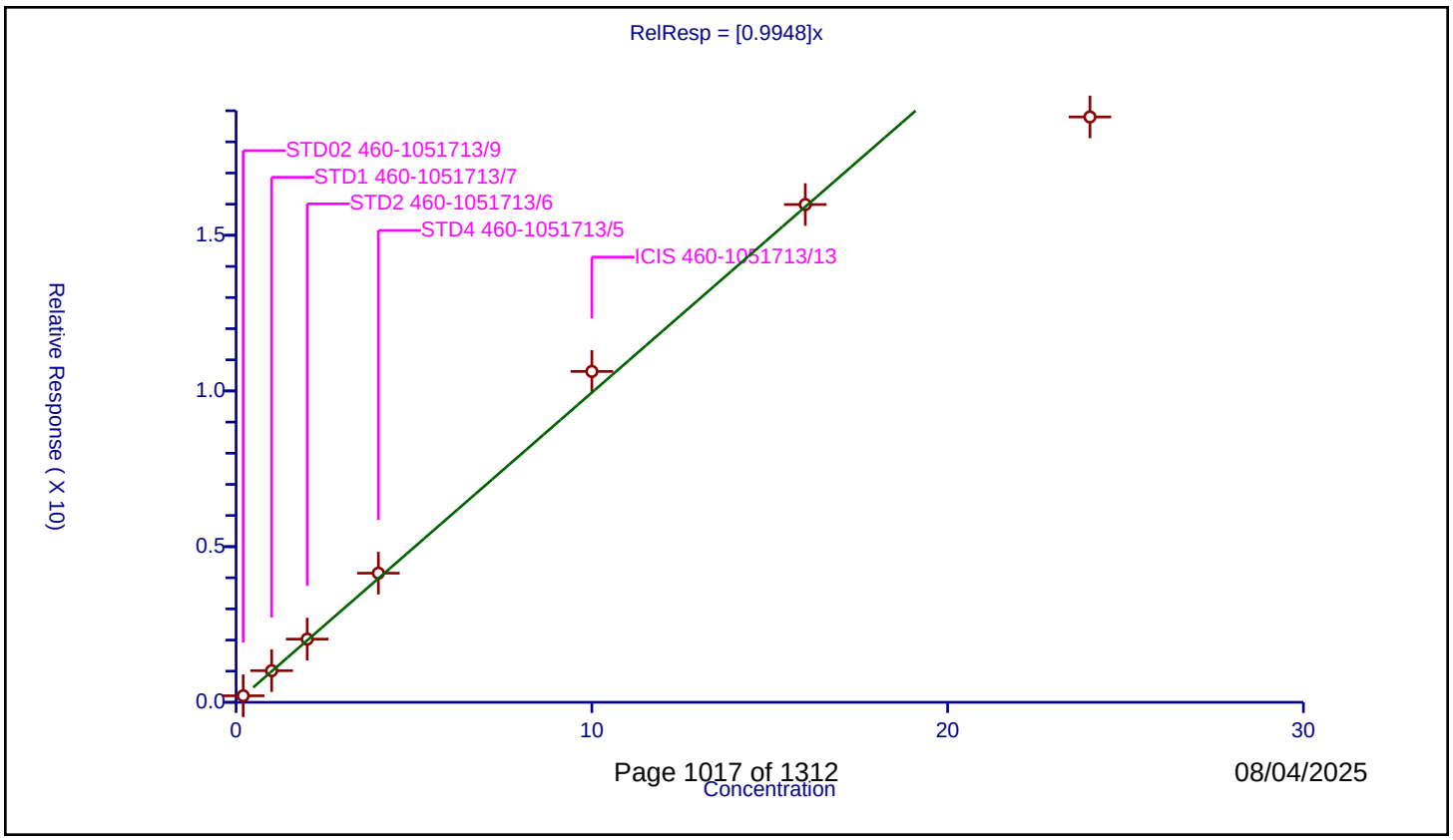
Curve Coefficients

Intercept:	0
Slope:	0.9948

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.210094	8.0	6223187.0	1.050471	Y
2	STD1 460-1051713/7	1.0	1.01596	8.0	6128433.0	1.01596	Y
3	STD2 460-1051713/6	2.0	2.029912	8.0	5744608.0	1.014956	Y
4	STD4 460-1051713/5	4.0	4.147597	8.0	5700685.0	1.036899	Y
5	ICIS 460-1051713/13	10.0	10.626838	8.0	4531196.0	1.062684	Y
6	STD16 460-1051713/4	16.0	15.988092	8.0	4747850.0	0.999256	Y
7	STD24 460-1051713/3	24.0	18.801289	8.0	4571353.0	0.783387	Y



Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

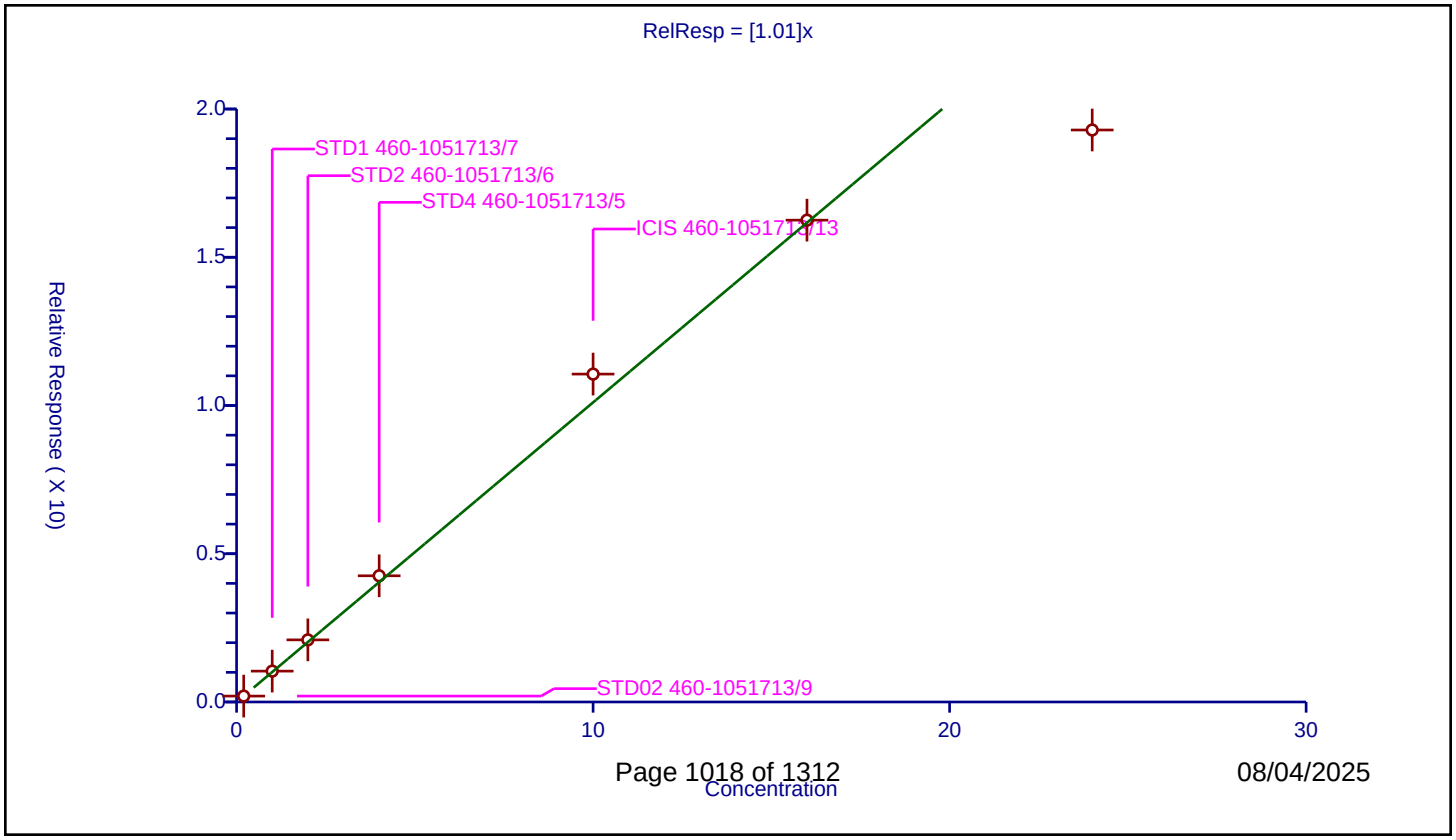
Curve Coefficients

Intercept:	0
Slope:	1.01

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.198868	8.0	6223187.0	0.994339	Y
2	STD1 460-1051713/7	1.0	1.041312	8.0	6128433.0	1.041312	Y
3	STD2 460-1051713/6	2.0	2.095232	8.0	5744608.0	1.047616	Y
4	STD4 460-1051713/5	4.0	4.256129	8.0	5700685.0	1.064032	Y
5	ICIS 460-1051713/13	10.0	11.059643	8.0	4531196.0	1.105964	Y
6	STD16 460-1051713/4	16.0	16.251408	8.0	4747850.0	1.015713	Y
7	STD24 460-1051713/3	24.0	19.292349	8.0	4571353.0	0.803848	Y



Calibration / Carbazole

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

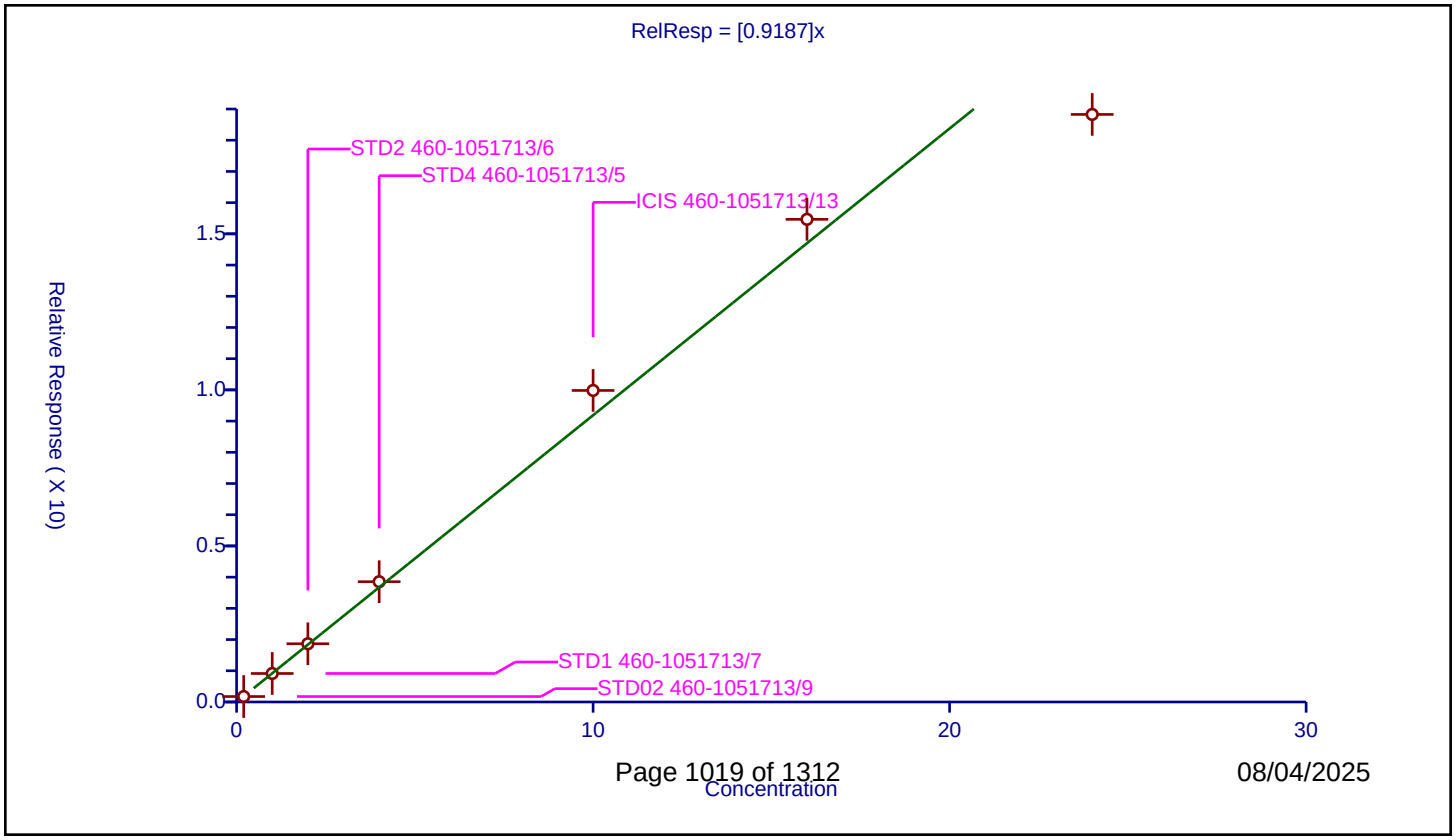
Curve Coefficients

Intercept:	0
Slope:	0.9187

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.174565	8.0	6223187.0	0.872826	Y
2	STD1 460-1051713/7	1.0	0.912728	8.0	6128433.0	0.912728	Y
3	STD2 460-1051713/6	2.0	1.865919	8.0	5744608.0	0.93296	Y
4	STD4 460-1051713/5	4.0	3.853921	8.0	5700685.0	0.96348	Y
5	ICIS 460-1051713/13	10.0	9.982067	8.0	4531196.0	0.998207	Y
6	STD16 460-1051713/4	16.0	15.464952	8.0	4747850.0	0.966559	Y
7	STD24 460-1051713/3	24.0	18.826438	8.0	4571353.0	0.784435	Y



Calibration / Di-n-butyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

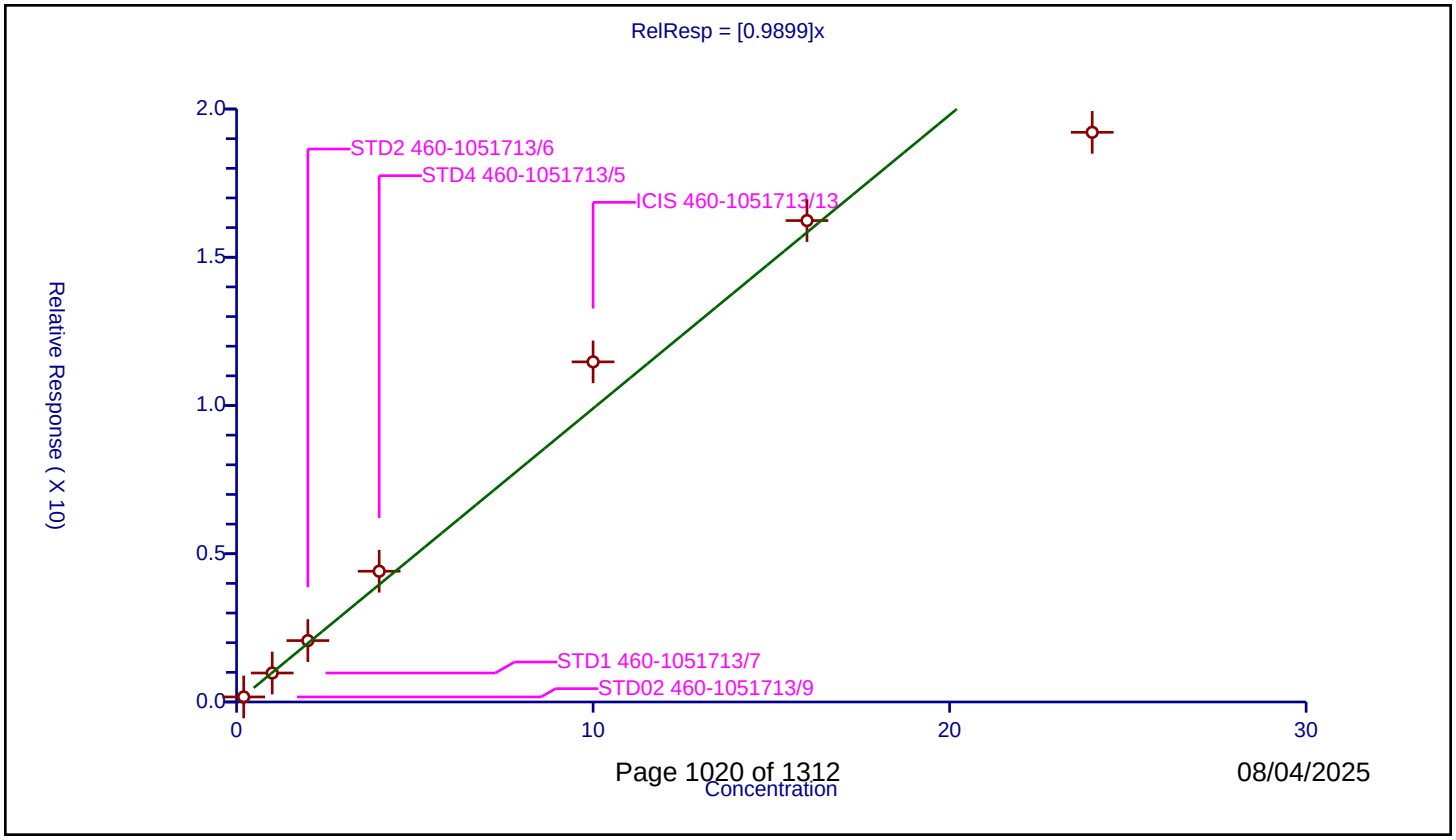
Curve Coefficients

Intercept:	0
Slope:	0.9899

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.170347	8.0	6223187.0	0.851737	Y
2	STD1 460-1051713/7	1.0	0.976975	8.0	6128433.0	0.976975	Y
3	STD2 460-1051713/6	2.0	2.071366	8.0	5744608.0	1.035683	Y
4	STD4 460-1051713/5	4.0	4.409873	8.0	5700685.0	1.102468	Y
5	ICIS 460-1051713/13	10.0	11.471394	8.0	4531196.0	1.147139	Y
6	STD16 460-1051713/4	16.0	16.237302	8.0	4747850.0	1.014831	Y
7	STD24 460-1051713/3	24.0	19.214338	8.0	4571353.0	0.800597	Y



Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

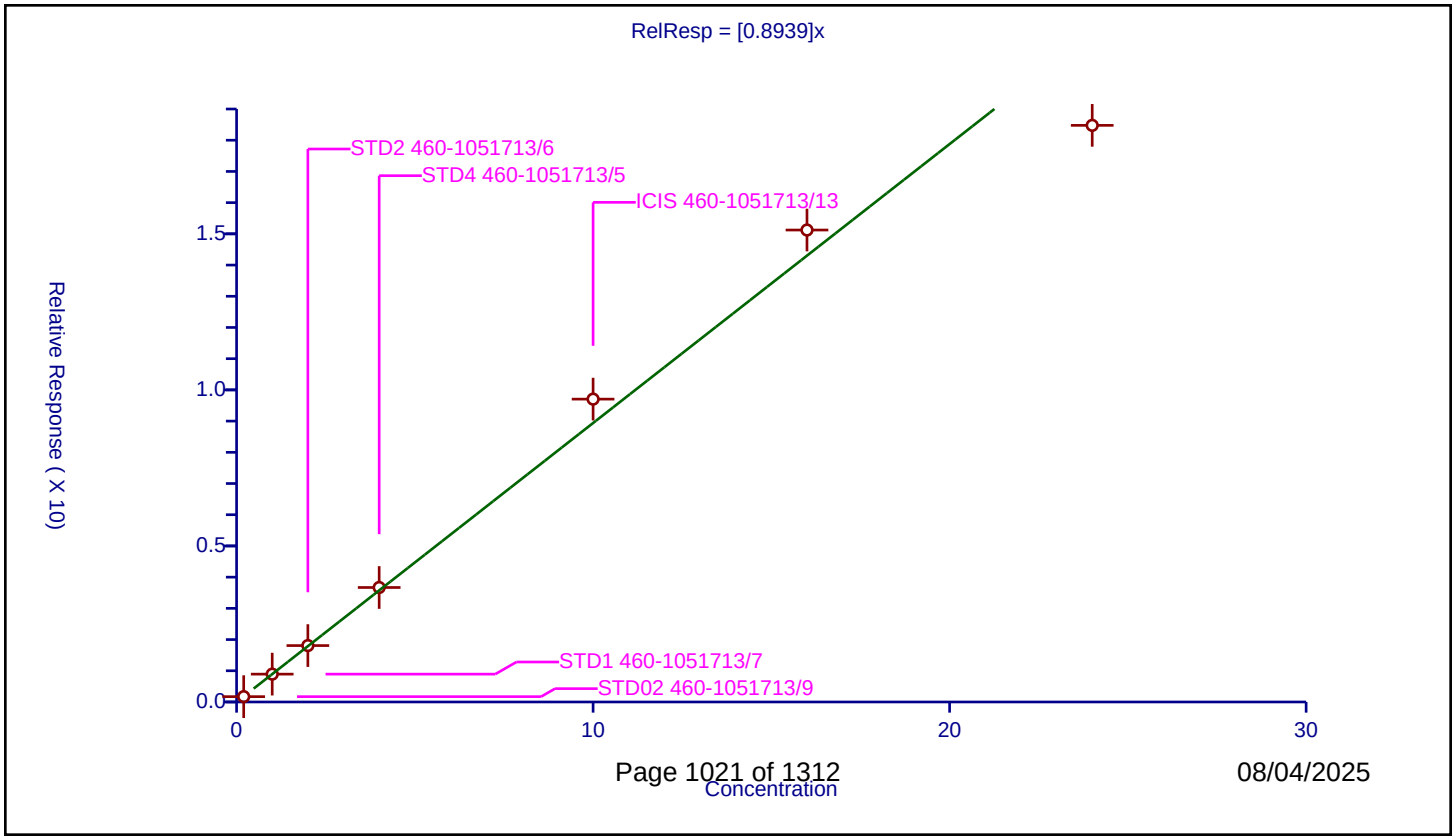
Curve Coefficients

Intercept:	0
Slope:	0.8939

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.171569	8.0	6223187.0	0.857843	Y
2	STD1 460-1051713/7	1.0	0.892796	8.0	6128433.0	0.892796	Y
3	STD2 460-1051713/6	2.0	1.807667	8.0	5744608.0	0.903833	Y
4	STD4 460-1051713/5	4.0	3.66823	8.0	5700685.0	0.917058	Y
5	ICIS 460-1051713/13	10.0	9.704135	8.0	4531196.0	0.970413	Y
6	STD16 460-1051713/4	16.0	15.122805	8.0	4747850.0	0.945175	Y
7	STD24 460-1051713/3	24.0	18.475978	8.0	4571353.0	0.769832	Y



Calibration / Benzidine

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

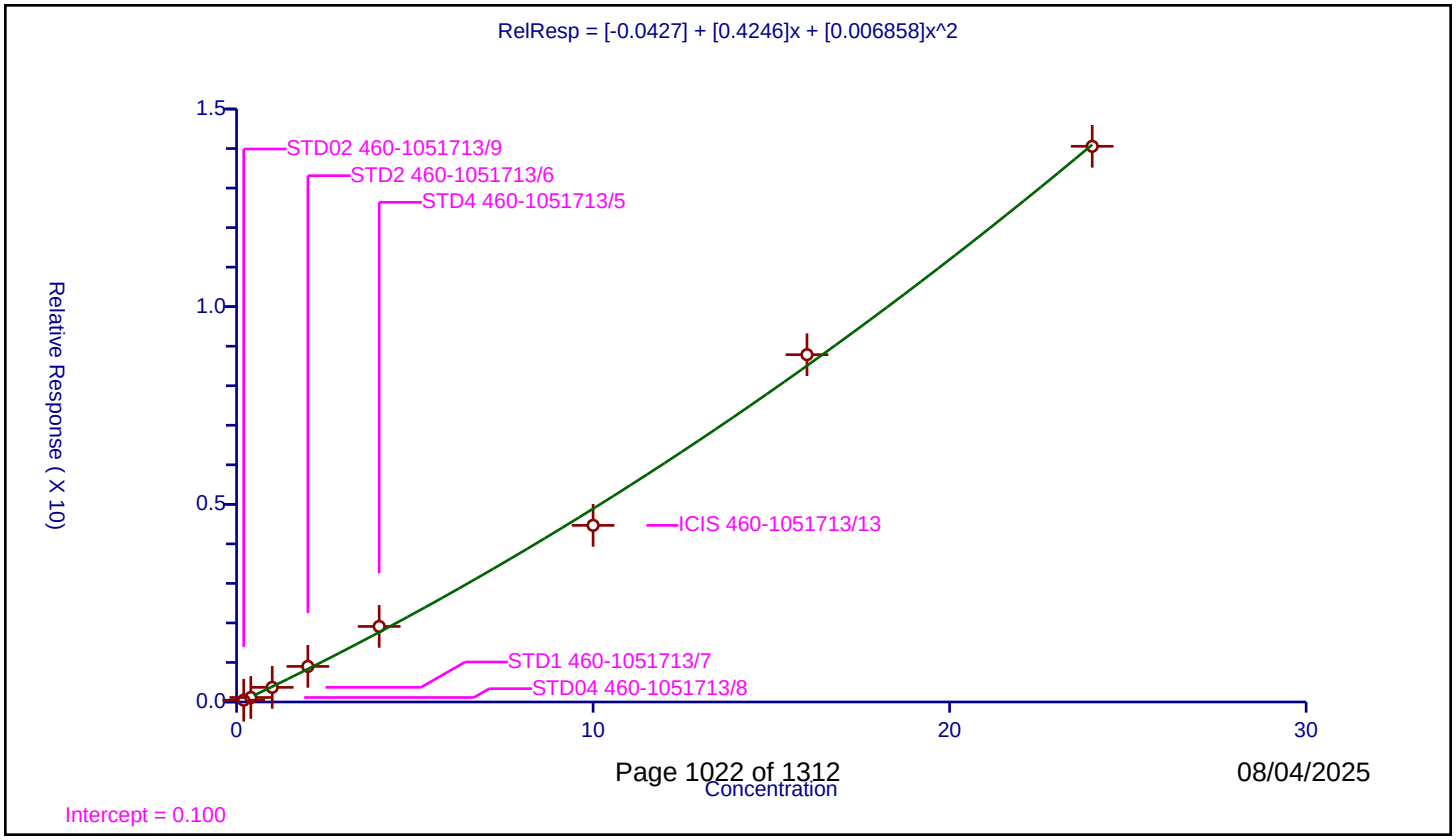
Curve Coefficients

Intercept:	-0.0427
Slope:	0.4246
Second Order:	0.006858

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.044931	8.0	6223187.0	0.224657	Y
2	STD04 460-1051713/8	0.4	0.113439	8.0	6023043.0	0.283598	Y
3	STD1 460-1051713/7	1.0	0.370245	8.0	6128433.0	0.370245	Y
4	STD2 460-1051713/6	2.0	0.900006	8.0	5744608.0	0.450003	Y
5	STD4 460-1051713/5	4.0	1.911063	8.0	5700685.0	0.477766	Y
6	ICIS 460-1051713/13	10.0	4.467726	8.0	4531196.0	0.446773	Y
7	STD16 460-1051713/4	16.0	8.786219	8.0	4747850.0	0.549139	Y
8	STD24 460-1051713/3	24.0	14.0572	8.0	4571353.0	0.585717	Y



Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

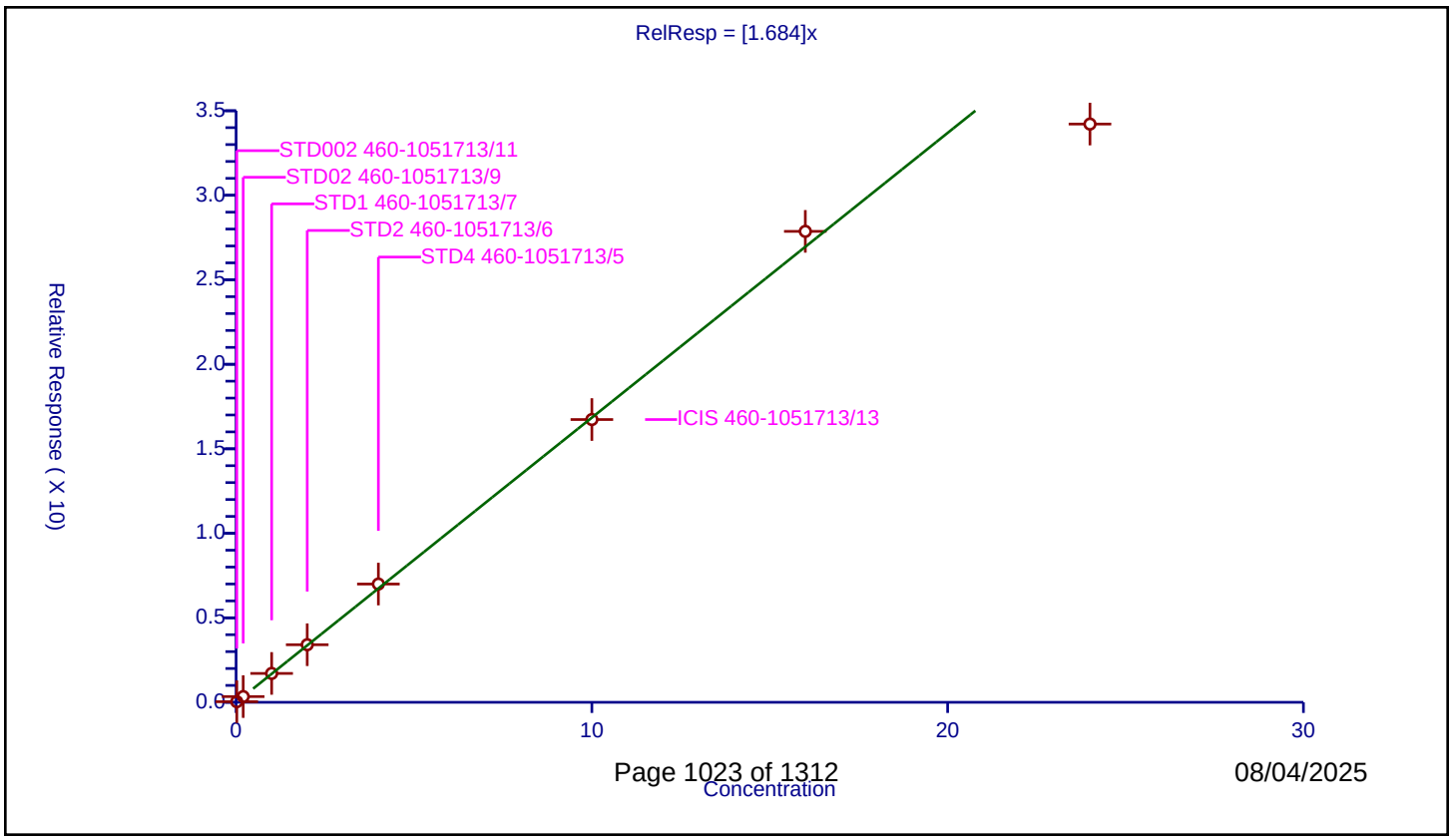
Curve Coefficients

Intercept:	0
Slope:	1.684

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.035553	8.0	2884720.0	1.777642	Y
2	STD02 460-1051713/9	0.2	0.339406	8.0	3218988.0	1.69703	Y
3	STD1 460-1051713/7	1.0	1.707855	8.0	3305260.0	1.707855	Y
4	STD2 460-1051713/6	2.0	3.406116	8.0	3199849.0	1.703058	Y
5	STD4 460-1051713/5	4.0	6.997802	8.0	3094844.0	1.74945	Y
6	ICIS 460-1051713/13	10.0	16.73038	8.0	2691452.0	1.673038	Y
7	STD16 460-1051713/4	16.0	27.863755	8.0	2617249.0	1.741485	Y
8	STD24 460-1051713/3	24.0	34.213457	8.0	2511922.0	1.425561	Y



Calibration / Bisphenol-A

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

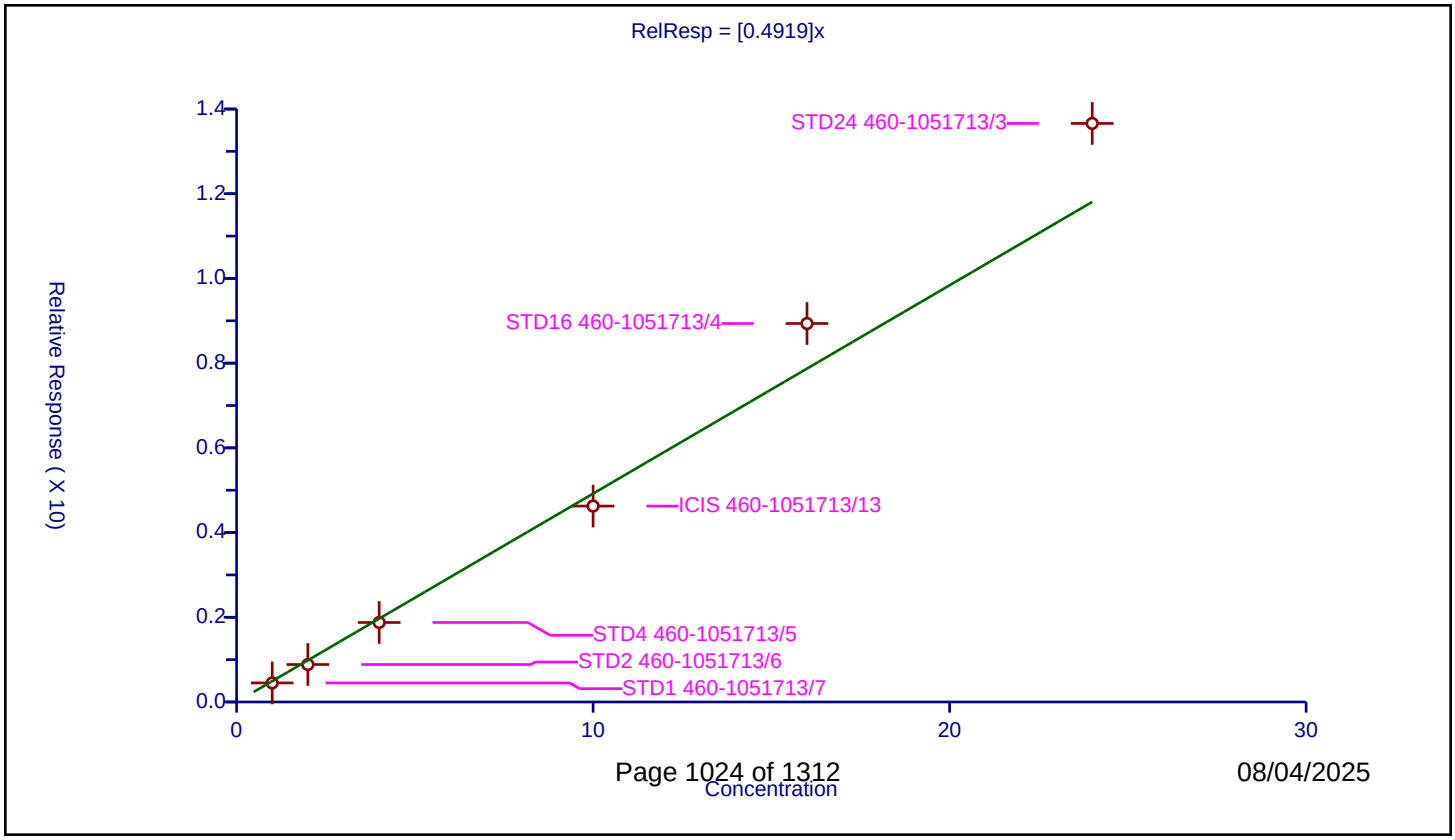
Curve Coefficients

Intercept:	0
Slope:	0.4919

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1051713/7	1.0	0.449857	8.0	3305260.0	0.449857	Y
2	STD2 460-1051713/6	2.0	0.884784	8.0	3199849.0	0.442392	Y
3	STD4 460-1051713/5	4.0	1.876864	8.0	3094844.0	0.469216	Y
4	ICIS 460-1051713/13	10.0	4.625072	8.0	2691452.0	0.462507	Y
5	STD16 460-1051713/4	16.0	8.935847	8.0	2617249.0	0.55849	Y
6	STD24 460-1051713/3	24.0	13.659456	8.0	2511922.0	0.569144	Y



Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

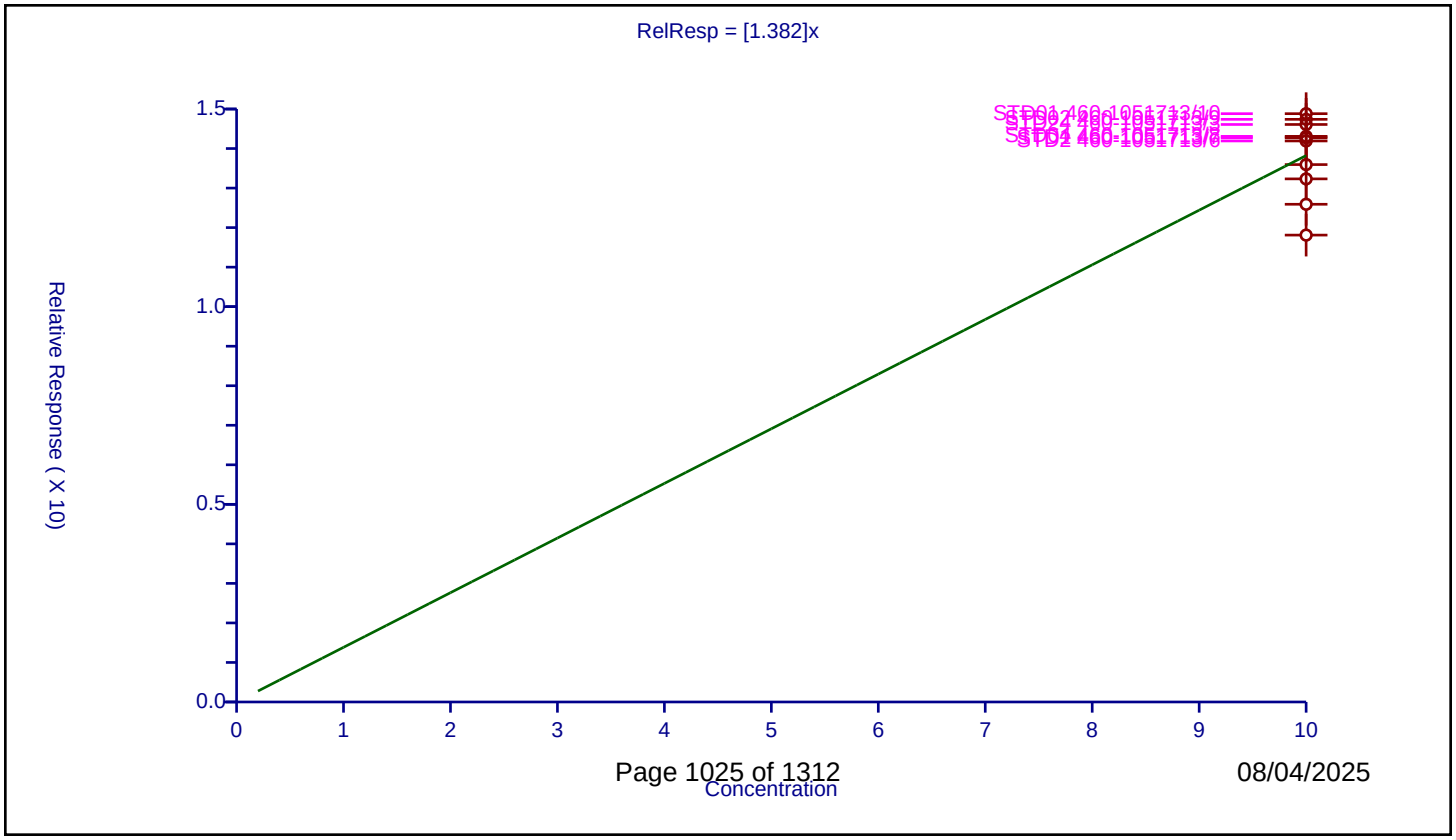
Curve Coefficients

Intercept:	0
Slope:	1.382

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD24 460-1051713/3	10.0	14.608979	8.0	2511922.0	1.460898	Y
2	STD16 460-1051713/4	10.0	12.5906	8.0	2617249.0	1.25906	Y
3	STD4 460-1051713/5	10.0	13.593861	8.0	3094844.0	1.359386	Y
4	STD2 460-1051713/6	10.0	14.191767	8.0	3199849.0	1.419177	Y
5	STD1 460-1051713/7	10.0	14.271248	8.0	3305260.0	1.427125	Y
6	STD04 460-1051713/8	10.0	14.308433	8.0	3215372.0	1.430843	Y
7	STD02 460-1051713/9	10.0	14.739017	8.0	3218988.0	1.473902	Y
8	STD01 460-1051713/10	10.0	14.881757	8.0	3199806.0	1.488176	Y
9	STD002 460-1051713/11	10.0	13.232674	8.0	2884720.0	1.323267	Y
10	ICIS 460-1051713/13	10.0	11.810865	8.0	2691452.0	1.181086	Y



Calibration / Butyl benzyl phthalate

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

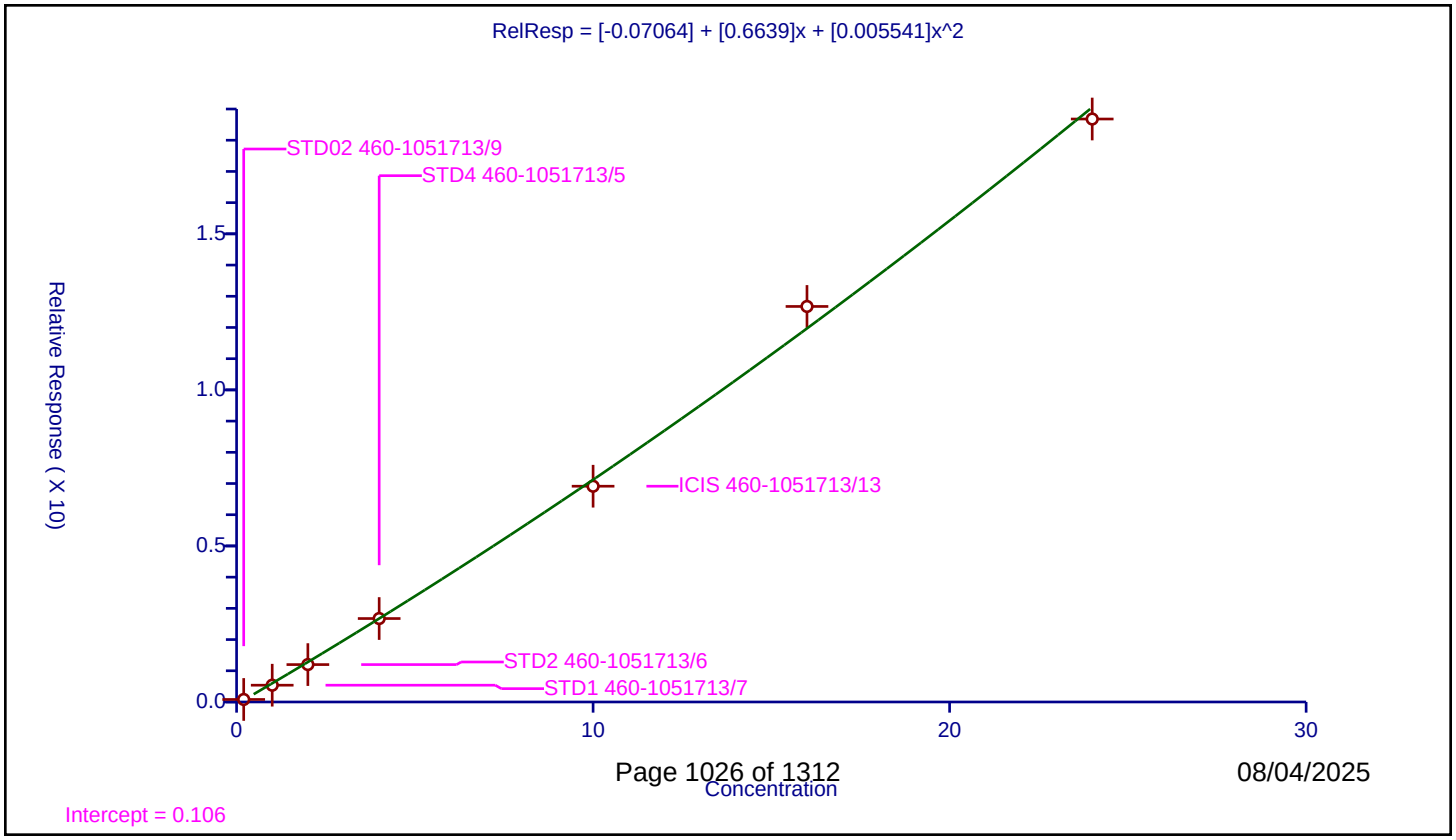
Curve Coefficients

Intercept:	-0.07064
Slope:	0.6639
Second Order:	0.005541

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.080994	8.0	3218988.0	0.404972	Y
2	STD1 460-1051713/7	1.0	0.538141	8.0	3305260.0	0.538141	Y
3	STD2 460-1051713/6	2.0	1.198794	8.0	3199849.0	0.599397	Y
4	STD4 460-1051713/5	4.0	2.67373	8.0	3094844.0	0.668432	Y
5	ICIS 460-1051713/13	10.0	6.913725	8.0	2691452.0	0.691373	Y
6	STD16 460-1051713/4	16.0	12.673976	8.0	2617249.0	0.792124	Y
7	STD24 460-1051713/3	24.0	18.679988	8.0	2511922.0	0.778333	Y



Calibration / 2,3,7,8-TCDD

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

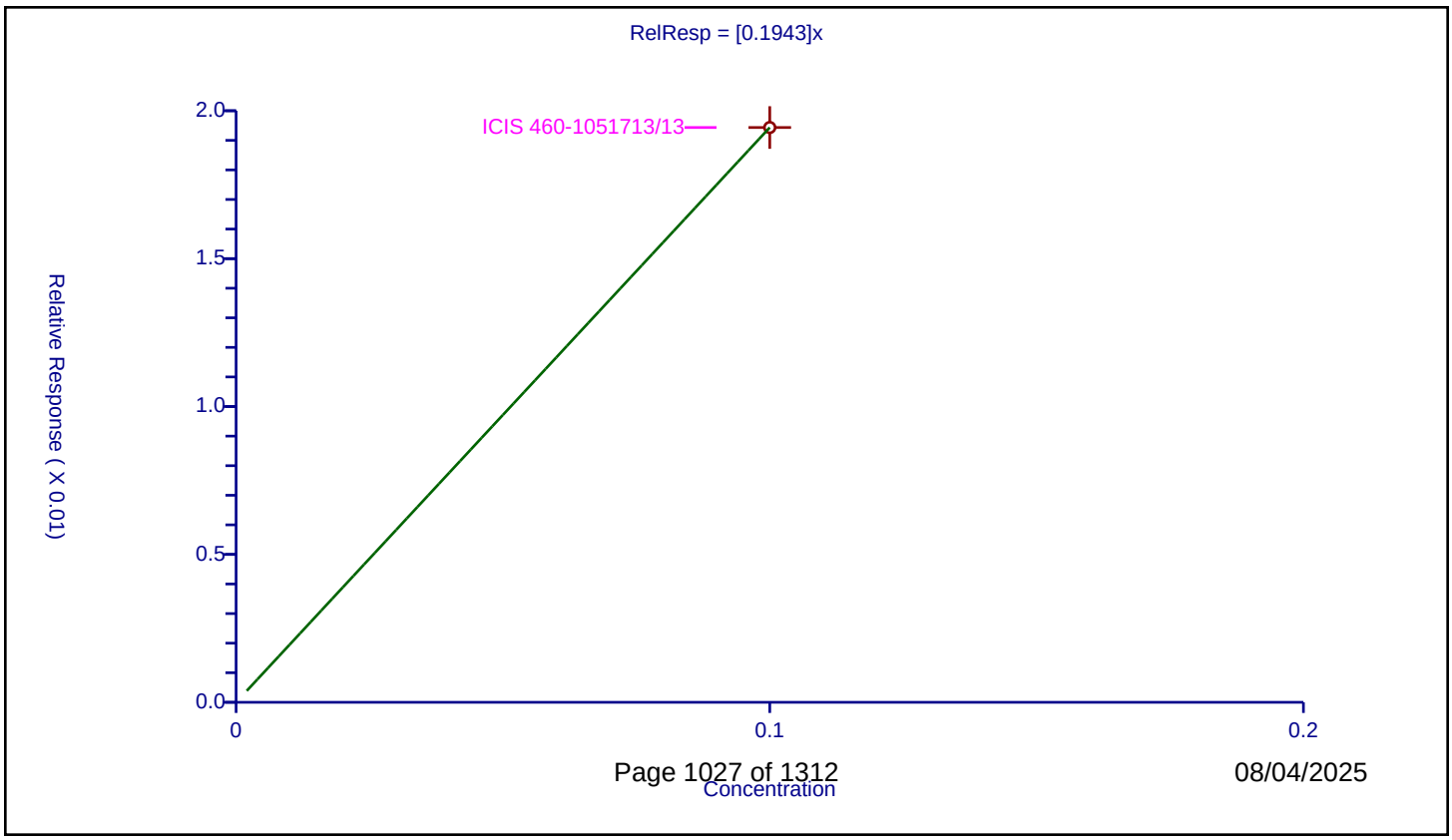
Curve Coefficients

Intercept:	0
Slope:	0.1943

Error Coefficients

Relative Standard Deviation:	0.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1051713/13	0.1	0.019433	8.0	2691452.0	0.194334	Y



Calibration / Carbamazepine

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

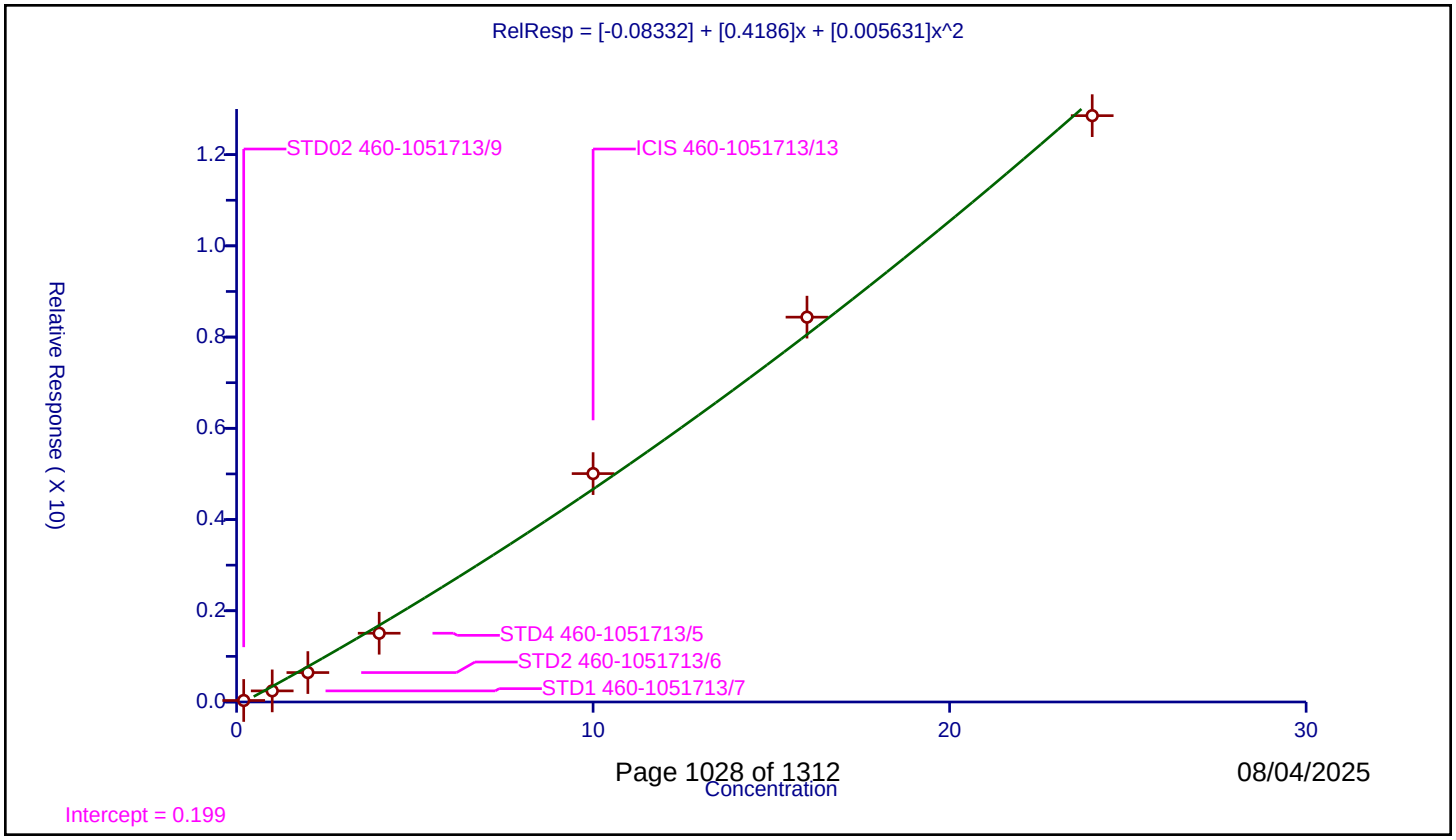
Curve Coefficients

Intercept:	-0.08332
Slope:	0.4186
Second Order:	0.005631

Error Coefficients

Relative Standard Deviation:	24.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.033273	8.0	3218988.0	0.166363	Y
2	STD1 460-1051713/7	1.0	0.243479	8.0	3305260.0	0.243479	Y
3	STD2 460-1051713/6	2.0	0.645288	8.0	3199849.0	0.322644	Y
4	STD4 460-1051713/5	4.0	1.507408	8.0	3094844.0	0.376852	Y
5	ICIS 460-1051713/13	10.0	5.007049	8.0	2691452.0	0.500705	Y
6	STD16 460-1051713/4	16.0	8.437097	8.0	2617249.0	0.527319	Y
7	STD24 460-1051713/3	24.0	12.854307	8.0	2511922.0	0.535596	Y



Calibration / 3,3'-Dichlorobenzidine

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

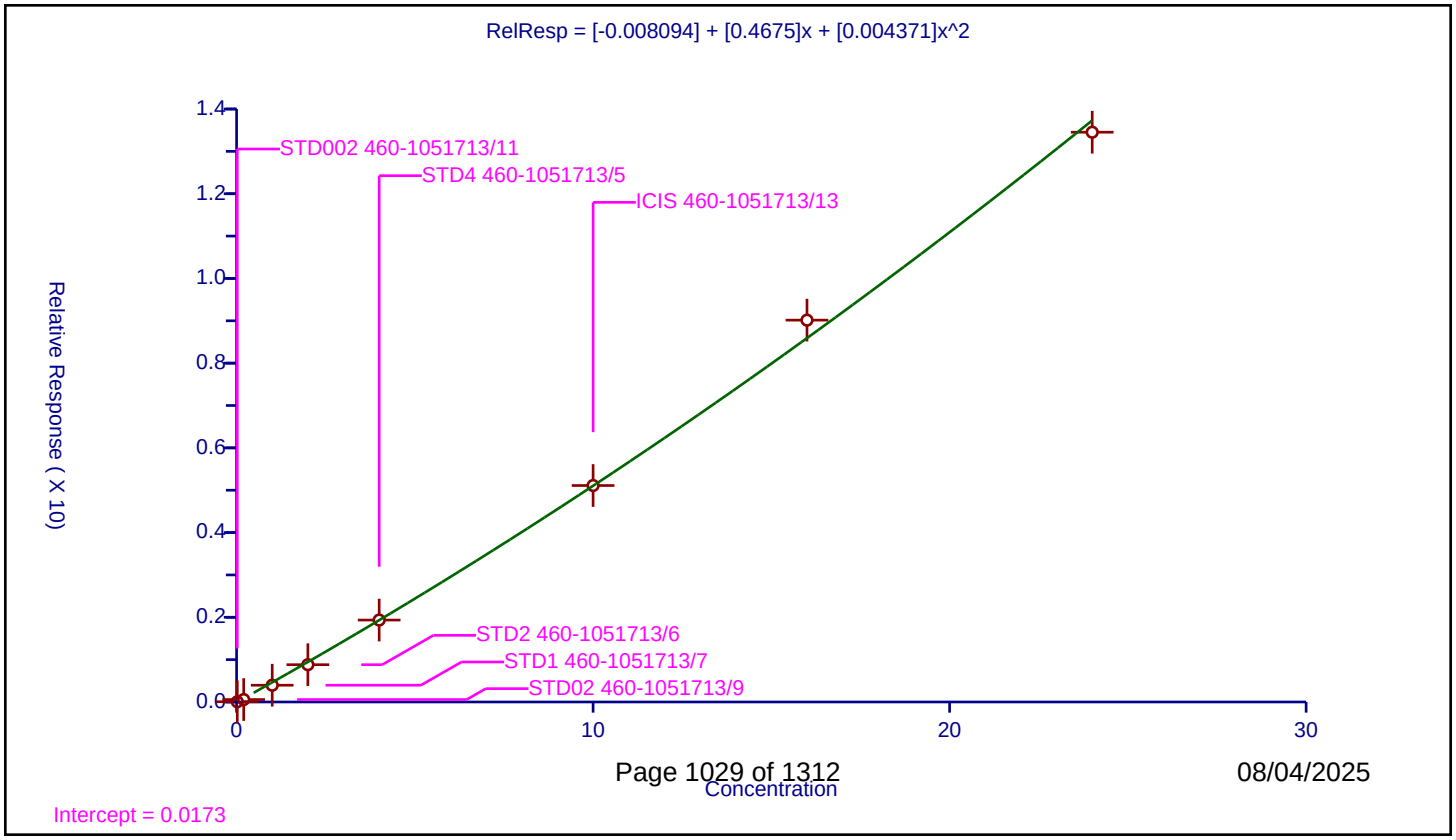
Curve Coefficients

Intercept:	-0.008094
Slope:	0.4675
Second Order:	0.004371

Error Coefficients

Relative Standard Deviation:	26.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.005766	8.0	2884720.0	0.288278	Y
2	STD02 460-1051713/9	0.2	0.057288	8.0	3218988.0	0.286438	Y
3	STD1 460-1051713/7	1.0	0.395493	8.0	3305260.0	0.395493	Y
4	STD2 460-1051713/6	2.0	0.880647	8.0	3199849.0	0.440323	Y
5	STD4 460-1051713/5	4.0	1.93473	8.0	3094844.0	0.483683	Y
6	ICIS 460-1051713/13	10.0	5.110476	8.0	2691452.0	0.511048	Y
7	STD16 460-1051713/4	16.0	9.015271	8.0	2617249.0	0.563454	Y
8	STD24 460-1051713/3	24.0	13.452188	8.0	2511922.0	0.560508	Y



Calibration / Benzo[a]anthracene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

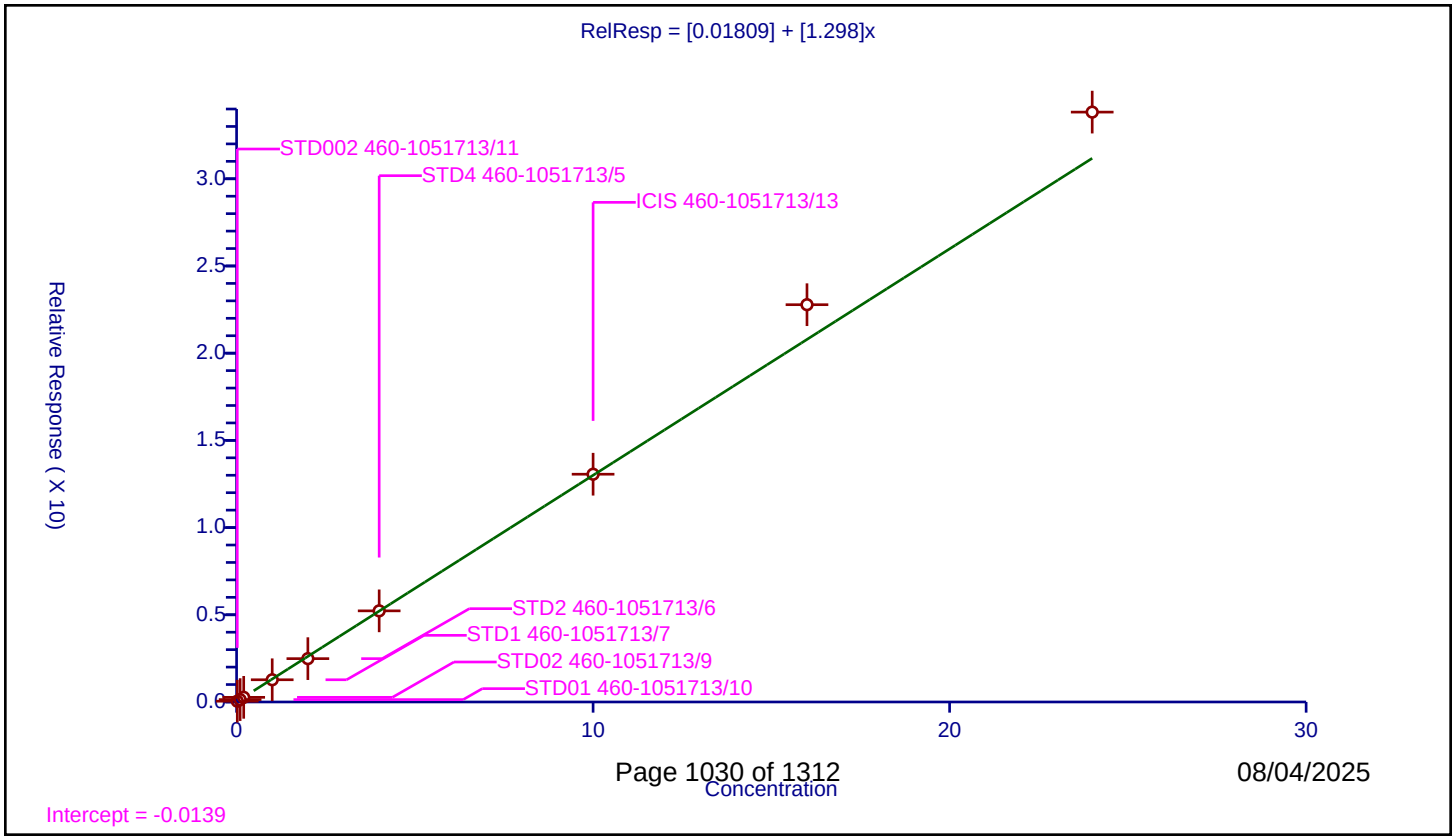
Curve Coefficients

Intercept:	0.01809
Slope:	1.298

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.044646	8.0	2884720.0	2.232314	Y
2	STD01 460-1051713/10	0.1	0.136321	8.0	3199806.0	1.363208	Y
3	STD02 460-1051713/9	0.2	0.267406	8.0	3218988.0	1.337029	Y
4	STD1 460-1051713/7	1.0	1.27404	8.0	3305260.0	1.27404	Y
5	STD2 460-1051713/6	2.0	2.485515	8.0	3199849.0	1.242757	Y
6	STD4 460-1051713/5	4.0	5.22576	8.0	3094844.0	1.30644	Y
7	ICIS 460-1051713/13	10.0	13.059761	8.0	2691452.0	1.305976	Y
8	STD16 460-1051713/4	16.0	22.779528	8.0	2617249.0	1.42372	Y
9	STD24 460-1051713/3	24.0	33.823276	8.0	2511922.0	1.409303	Y



Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

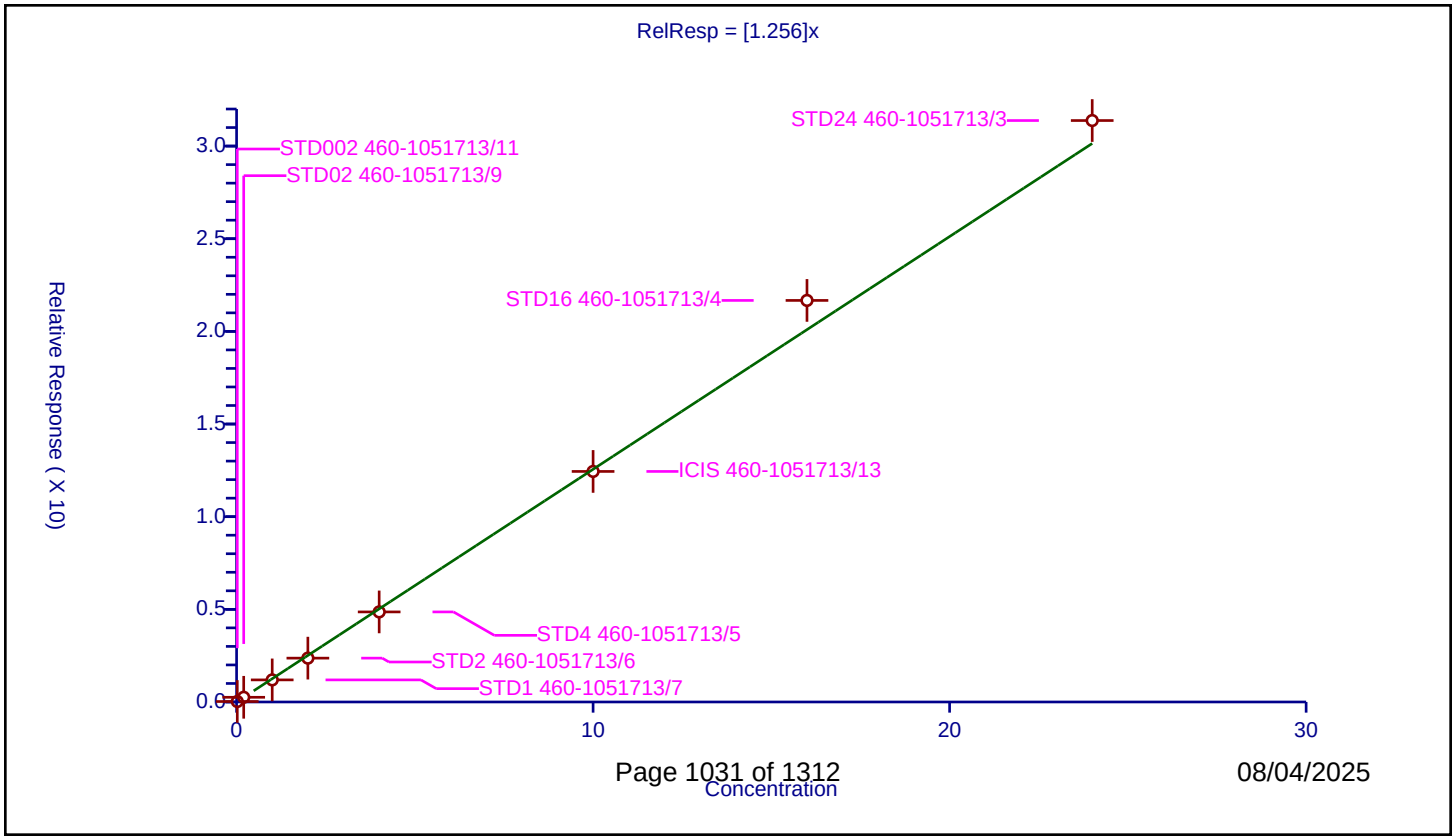
Curve Coefficients

Intercept:	0
Slope:	1.256

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.025564	8.0	2884720.0	1.278183	Y
2	STD02 460-1051713/9	0.2	0.254236	8.0	3218988.0	1.271182	Y
3	STD1 460-1051713/7	1.0	1.192908	8.0	3305260.0	1.192908	Y
4	STD2 460-1051713/6	2.0	2.367022	8.0	3199849.0	1.183511	Y
5	STD4 460-1051713/5	4.0	4.860737	8.0	3094844.0	1.215184	Y
6	ICIS 460-1051713/13	10.0	12.441397	8.0	2691452.0	1.24414	Y
7	STD16 460-1051713/4	16.0	21.670916	8.0	2617249.0	1.354432	Y
8	STD24 460-1051713/3	24.0	31.377729	8.0	2511922.0	1.307405	Y



Calibration / Bis(2-ethylhexyl) phthalate

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

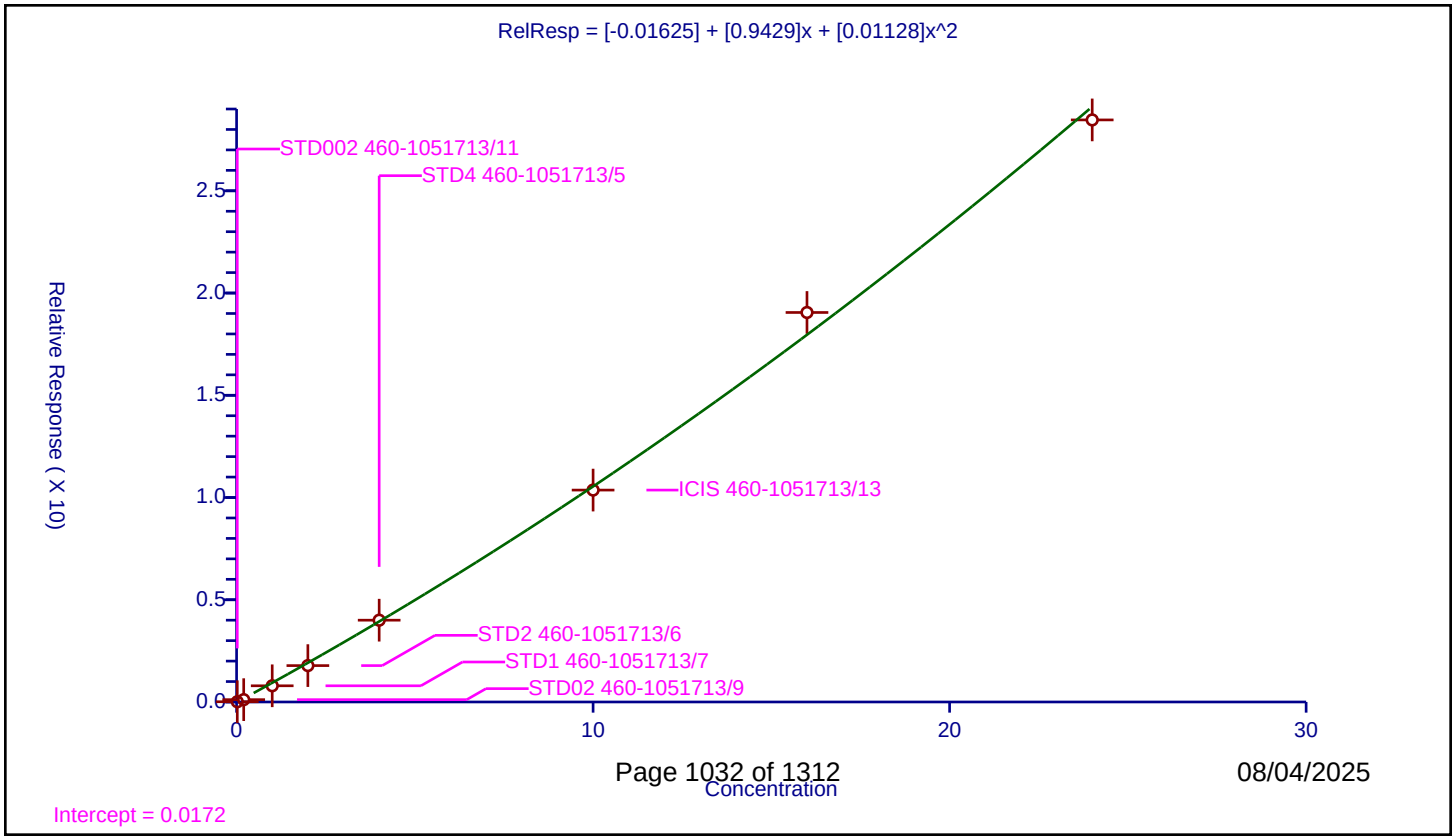
Curve Coefficients

Intercept:	-0.01625
Slope:	0.9429
Second Order:	0.01128

Error Coefficients

Relative Standard Deviation:	27.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.012014	8.0	2884720.0	0.600682	Y
2	STD02 460-1051713/9	0.2	0.113673	8.0	3218988.0	0.568365	Y
3	STD1 460-1051713/7	1.0	0.791669	8.0	3305260.0	0.791669	Y
4	STD2 460-1051713/6	2.0	1.779399	8.0	3199849.0	0.889699	Y
5	STD4 460-1051713/5	4.0	4.000021	8.0	3094844.0	1.000005	Y
6	ICIS 460-1051713/13	10.0	10.363774	8.0	2691452.0	1.036377	Y
7	STD16 460-1051713/4	16.0	19.049749	8.0	2617249.0	1.190609	Y
8	STD24 460-1051713/3	24.0	28.466807	8.0	2511922.0	1.186117	Y



08/04/2025

Calibration / Di-n-octyl phthalate

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

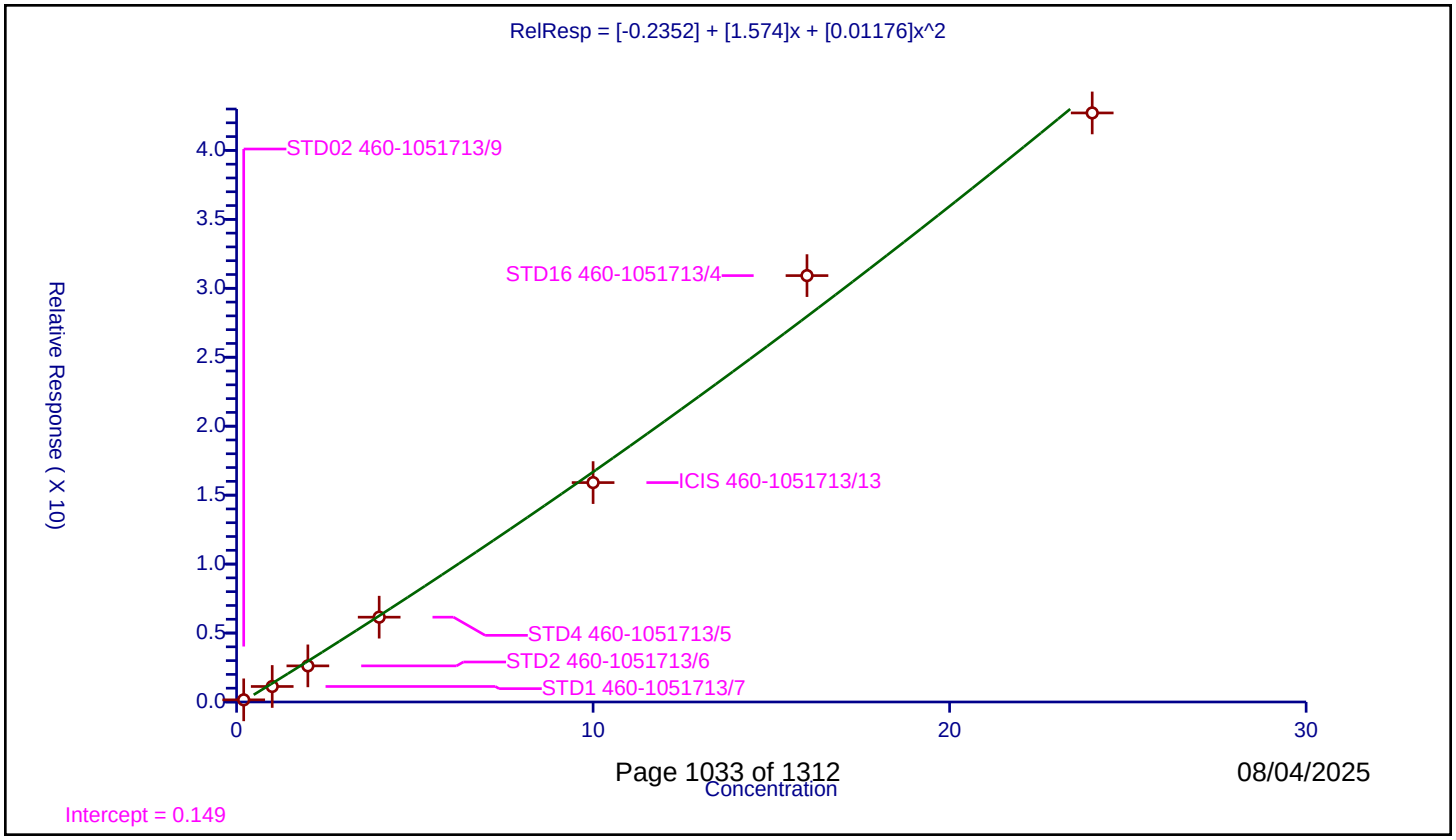
Curve Coefficients

Intercept:	-0.2352
Slope:	1.574
Second Order:	0.01176

Error Coefficients

Relative Standard Deviation:	15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-1051713/9	0.2	0.156192	8.0	2813204.0	0.78096	Y
2	STD1 460-1051713/7	1.0	1.124343	8.0	2911205.0	1.124343	Y
3	STD2 460-1051713/6	2.0	2.618696	8.0	2819083.0	1.309348	Y
4	STD4 460-1051713/5	4.0	6.149876	8.0	2777998.0	1.537469	Y
5	ICIS 460-1051713/13	10.0	15.91063	8.0	2594977.0	1.591063	Y
6	STD16 460-1051713/4	16.0	30.919536	8.0	2414022.0	1.932471	Y
7	STD24 460-1051713/3	24.0	42.716059	8.0	2368717.0	1.779836	Y



Calibration / Benzo[b]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

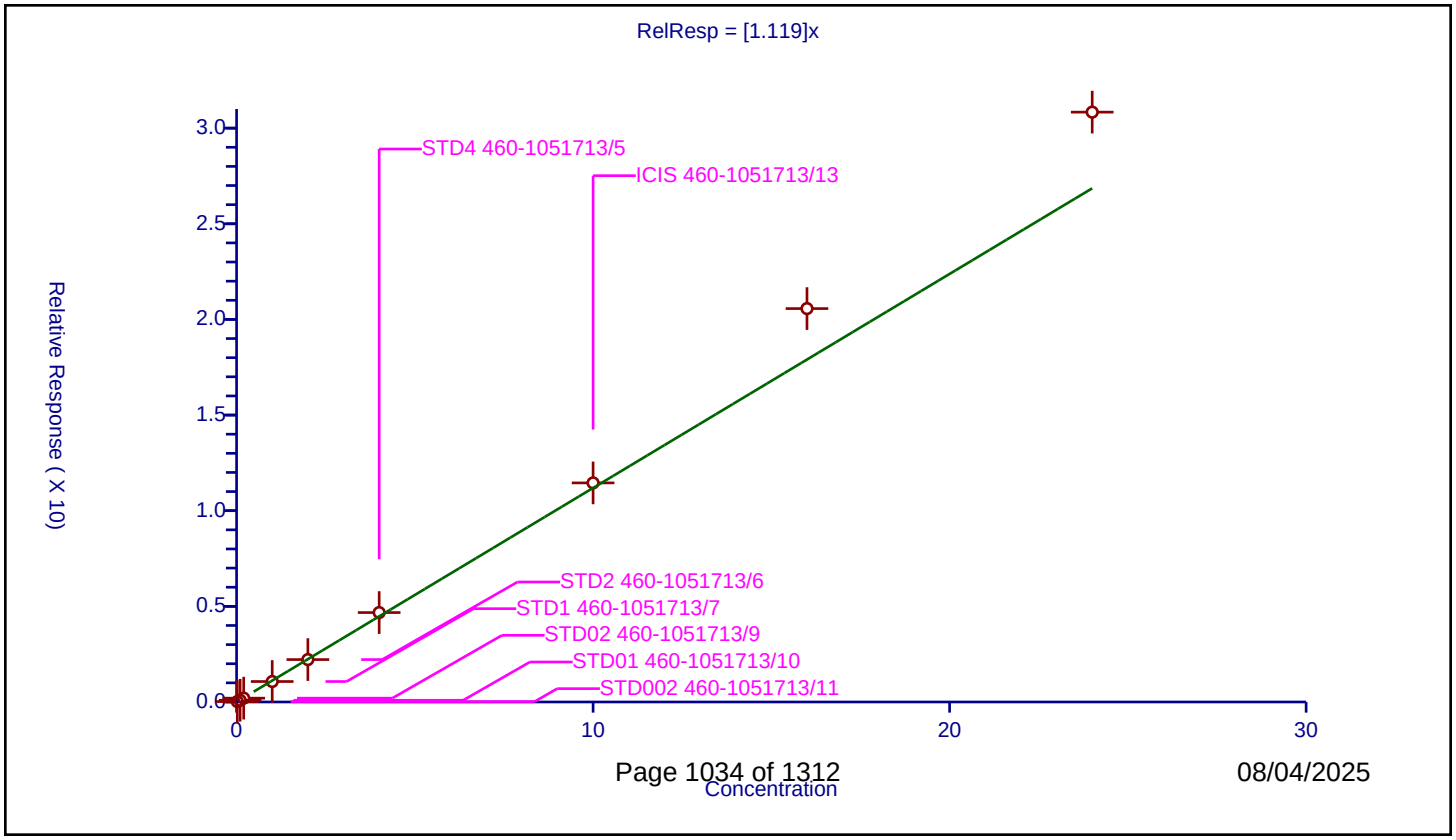
Curve Coefficients

Intercept:	0
Slope:	1.119

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.022258	8.0	2581349.0	1.112906	Y
2	STD01 460-1051713/10	0.1	0.089395	8.0	2779294.0	0.893954	Y
3	STD02 460-1051713/9	0.2	0.200111	8.0	2813204.0	1.000553	Y
4	STD1 460-1051713/7	1.0	1.069938	8.0	2911205.0	1.069938	Y
5	STD2 460-1051713/6	2.0	2.217175	8.0	2819083.0	1.108587	Y
6	STD4 460-1051713/5	4.0	4.675062	8.0	2777998.0	1.168765	Y
7	ICIS 460-1051713/13	10.0	11.453016	8.0	2594977.0	1.145302	Y
8	STD16 460-1051713/4	16.0	20.566861	8.0	2414022.0	1.285429	Y
9	STD24 460-1051713/3	24.0	30.837261	8.0	2368717.0	1.284886	Y



Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

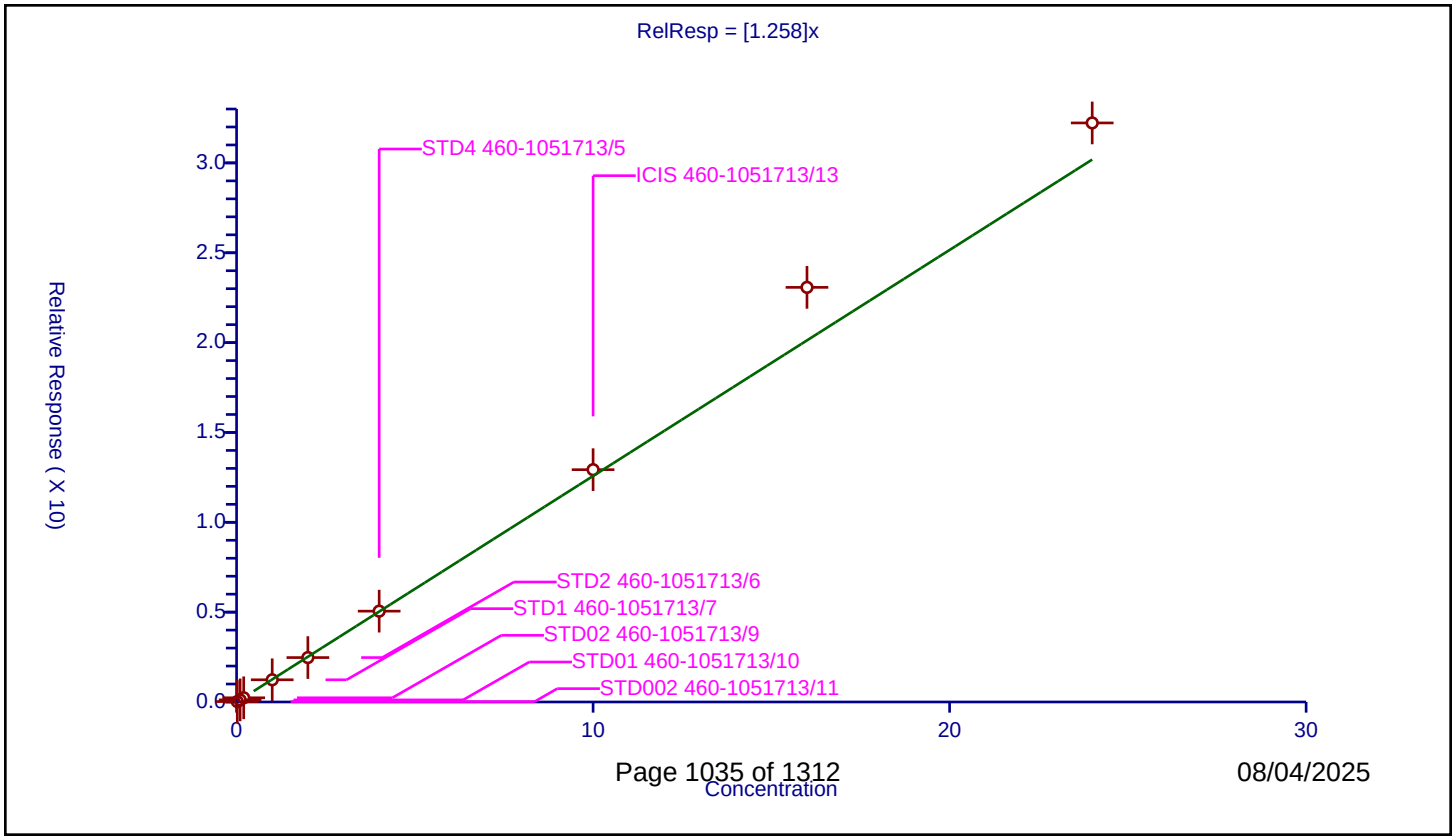
Curve Coefficients

Intercept:	0
Slope:	1.258

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.023492	8.0	2581349.0	1.17458	Y
2	STD01 460-1051713/10	0.1	0.116104	8.0	2779294.0	1.161043	Y
3	STD02 460-1051713/9	0.2	0.234446	8.0	2813204.0	1.172229	Y
4	STD1 460-1051713/7	1.0	1.234785	8.0	2911205.0	1.234785	Y
5	STD2 460-1051713/6	2.0	2.471368	8.0	2819083.0	1.235684	Y
6	STD4 460-1051713/5	4.0	5.054978	8.0	2777998.0	1.263745	Y
7	ICIS 460-1051713/13	10.0	12.928216	8.0	2594977.0	1.292822	Y
8	STD16 460-1051713/4	16.0	23.07467	8.0	2414022.0	1.442167	Y
9	STD24 460-1051713/3	24.0	32.225982	8.0	2368717.0	1.342749	Y



Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

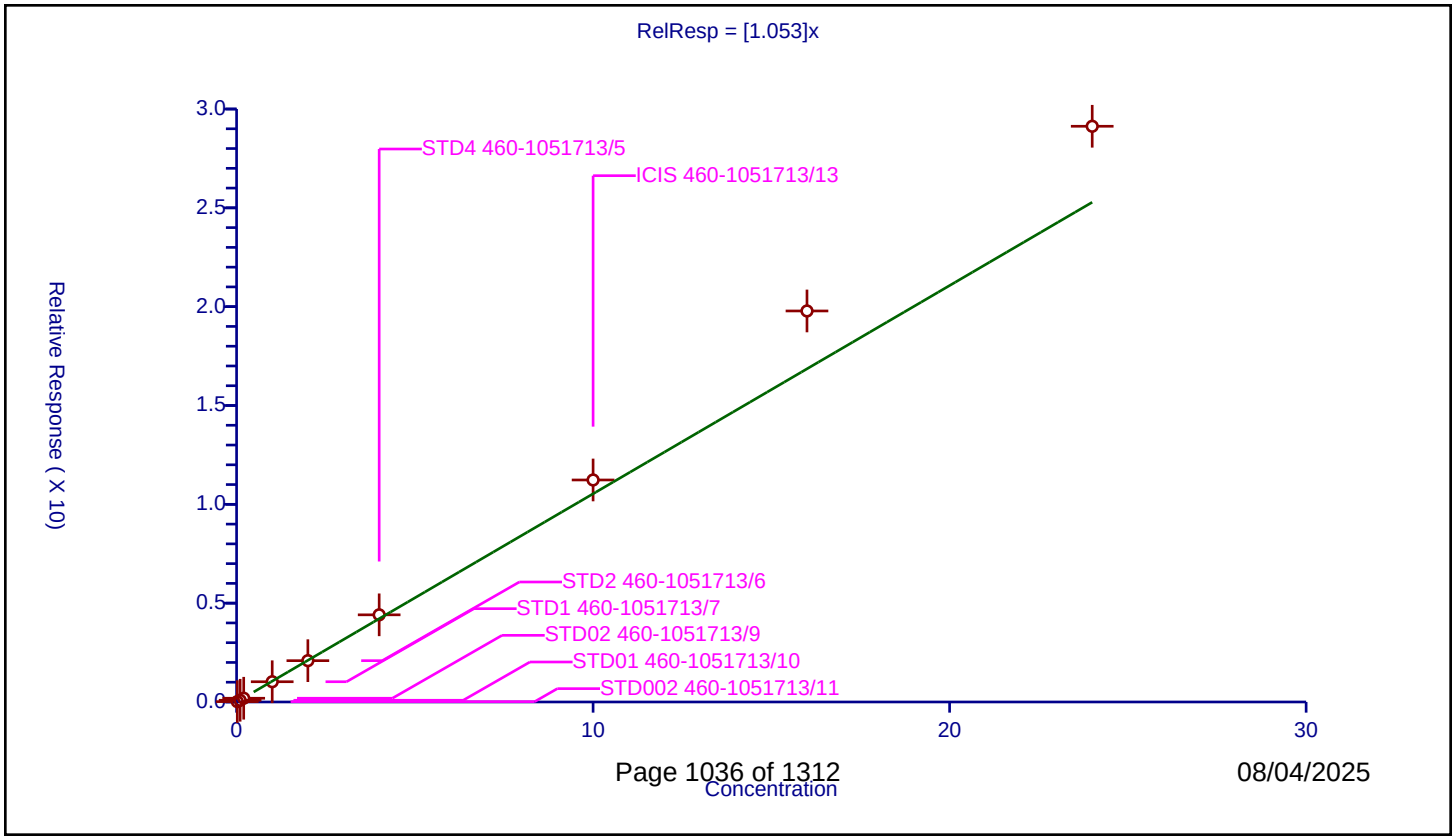
Curve Coefficients

Intercept:	0
Slope:	1.053

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.01835	8.0	2581349.0	0.917505	Y
2	STD01 460-1051713/10	0.1	0.086857	8.0	2779294.0	0.868566	Y
3	STD02 460-1051713/9	0.2	0.189828	8.0	2813204.0	0.949138	Y
4	STD1 460-1051713/7	1.0	1.024664	8.0	2911205.0	1.024664	Y
5	STD2 460-1051713/6	2.0	2.090773	8.0	2819083.0	1.045387	Y
6	STD4 460-1051713/5	4.0	4.409679	8.0	2777998.0	1.10242	Y
7	ICIS 460-1051713/13	10.0	11.232426	8.0	2594977.0	1.123243	Y
8	STD16 460-1051713/4	16.0	19.782835	8.0	2414022.0	1.236427	Y
9	STD24 460-1051713/3	24.0	29.126856	8.0	2368717.0	1.213619	Y



Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

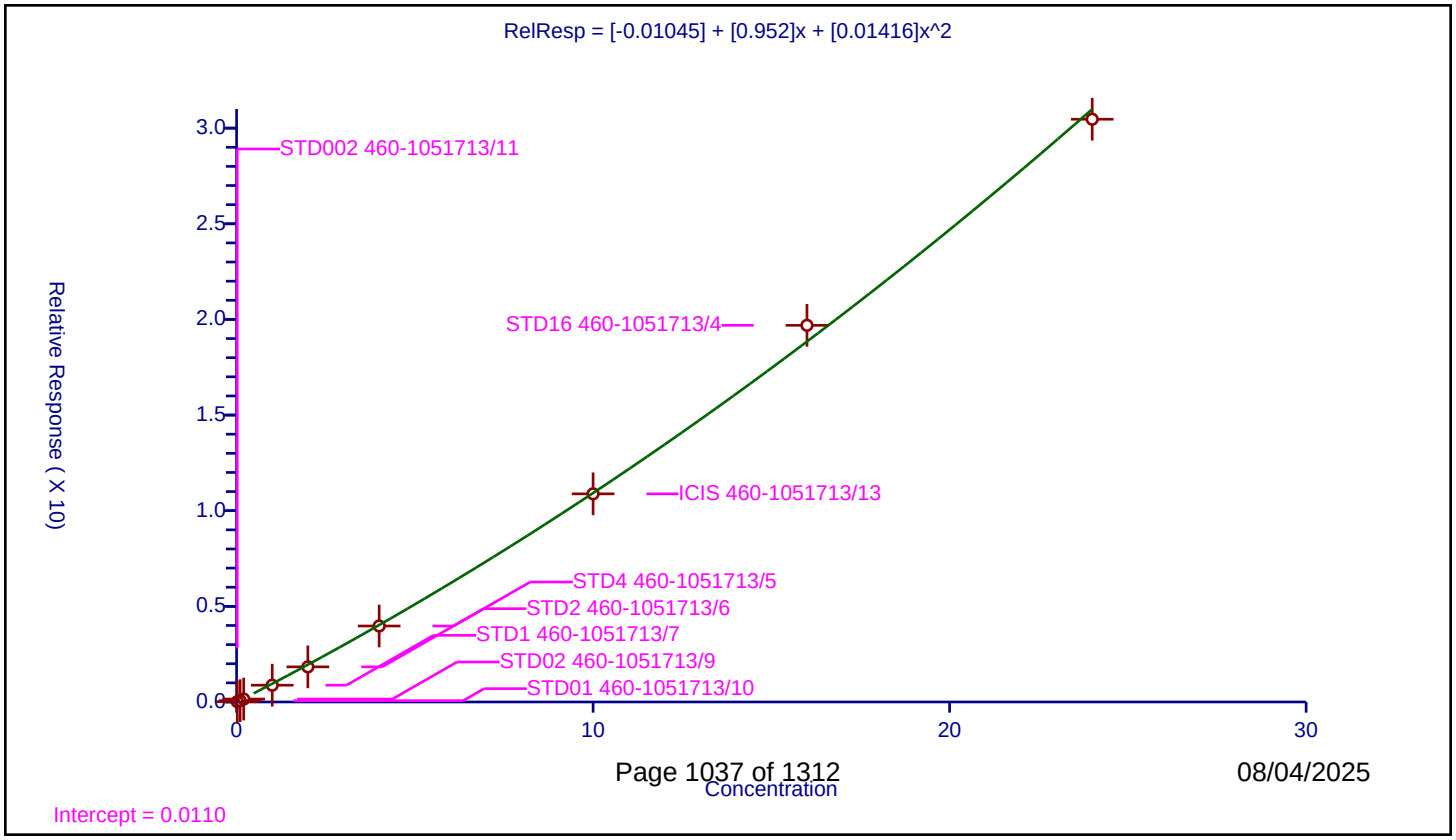
Curve Coefficients

Intercept:	-0.01045
Slope:	0.952
Second Order:	0.01416

Error Coefficients

Relative Standard Deviation:	20.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.017045	8.0	2581349.0	0.852268	Y
2	STD01 460-1051713/10	0.1	0.068547	8.0	2779294.0	0.685469	Y
3	STD02 460-1051713/9	0.2	0.152925	8.0	2813204.0	0.764623	Y
4	STD1 460-1051713/7	1.0	0.877283	8.0	2911205.0	0.877283	Y
5	STD2 460-1051713/6	2.0	1.836197	8.0	2819083.0	0.918099	Y
6	STD4 460-1051713/5	4.0	3.973074	8.0	2777998.0	0.993269	Y
7	ICIS 460-1051713/13	10.0	10.881958	8.0	2594977.0	1.088196	Y
8	STD16 460-1051713/4	16.0	19.690667	8.0	2414022.0	1.230667	Y
9	STD24 460-1051713/3	24.0	30.465397	8.0	2368717.0	1.269392	Y



Calibration / Dibenz(a,h)anthracene

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

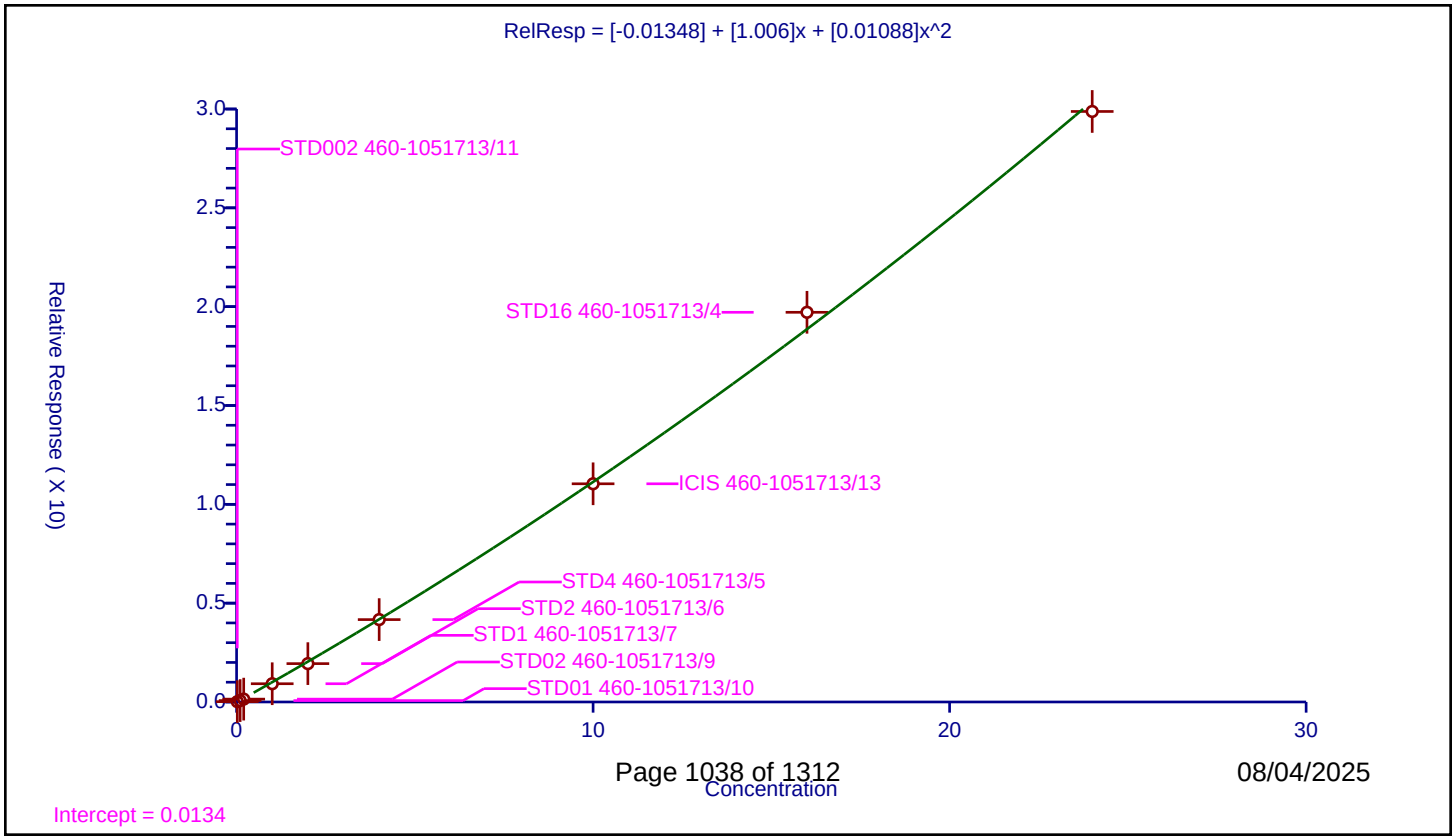
Curve Coefficients

Intercept:	-0.01348
Slope:	1.006
Second Order:	0.01088

Error Coefficients

Relative Standard Deviation:	23.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.016515	8.0	2581349.0	0.82577	Y
2	STD01 460-1051713/10	0.1	0.070732	8.0	2779294.0	0.707316	Y
3	STD02 460-1051713/9	0.2	0.144388	8.0	2813204.0	0.721938	Y
4	STD1 460-1051713/7	1.0	0.923716	8.0	2911205.0	0.923716	Y
5	STD2 460-1051713/6	2.0	1.940444	8.0	2819083.0	0.970222	Y
6	STD4 460-1051713/5	4.0	4.168374	8.0	2777998.0	1.042094	Y
7	ICIS 460-1051713/13	10.0	11.03962	8.0	2594977.0	1.103962	Y
8	STD16 460-1051713/4	16.0	19.715724	8.0	2414022.0	1.232233	Y
9	STD24 460-1051713/3	24.0	29.875289	8.0	2368717.0	1.244804	Y



Calibration / Benzo[g,h,i]perylene

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

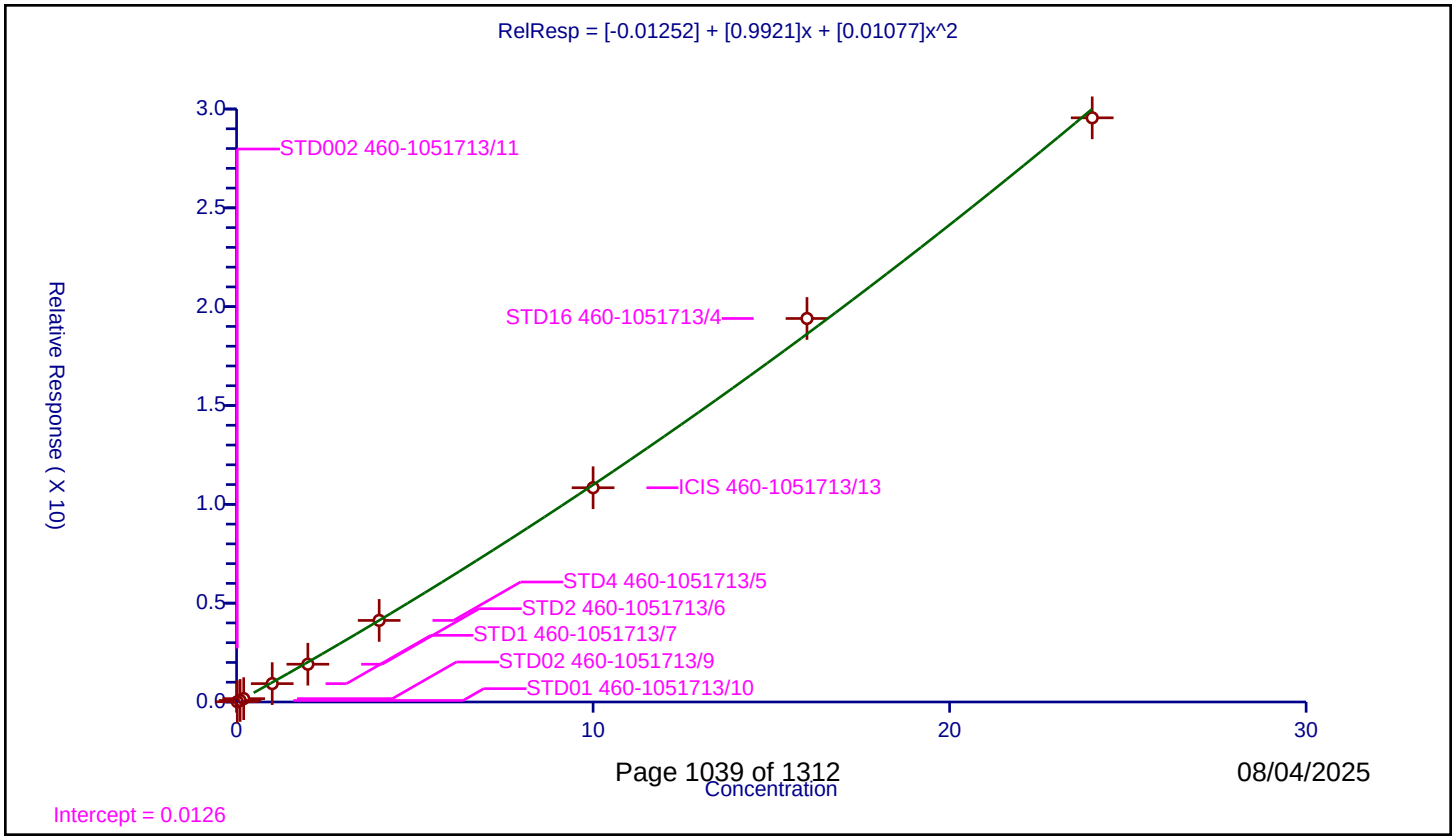
Curve Coefficients

Intercept:	-0.01252
Slope:	0.9921
Second Order:	0.01077

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD002 460-1051713/11	0.02	0.012892	8.0	2581349.0	0.644624	Y
2	STD01 460-1051713/10	0.1	0.077153	8.0	2779294.0	0.771534	Y
3	STD02 460-1051713/9	0.2	0.169518	8.0	2813204.0	0.847589	Y
4	STD1 460-1051713/7	1.0	0.929528	8.0	2911205.0	0.929528	Y
5	STD2 460-1051713/6	2.0	1.910769	8.0	2819083.0	0.955384	Y
6	STD4 460-1051713/5	4.0	4.12696	8.0	2777998.0	1.03174	Y
7	ICIS 460-1051713/13	10.0	10.839446	8.0	2594977.0	1.083945	Y
8	STD16 460-1051713/4	16.0	19.402796	8.0	2414022.0	1.212675	Y
9	STD24 460-1051713/3	24.0	29.554386	8.0	2368717.0	1.231433	Y



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID (1): ICIS 460-1051713/13 Instrument ID (1): CBNAMS17

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 07/25/2025 10:17

ANALYTE	RT	RESOLUTION (%)
Benzo[b]fluoranthene	12.69	77.60

Resolution Report

Eurofins Edison

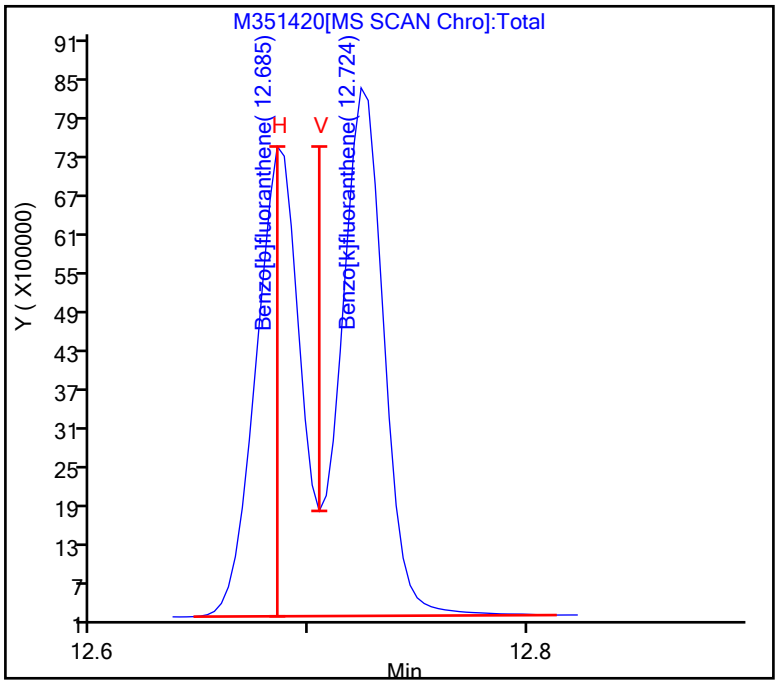
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D
Injection Date: 25-Jul-2025 10:17:30 Instrument ID: CBNAMS17
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 5670796
H(Smaller Peak Height) = 7310240

%Resolution = 77.6, Min. Resolution > 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID (1): ICV 460-1051713/14 Instrument ID (1): CBNAMS17

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 07/25/2025 10:57

ANALYTE	RT	RESOLUTION (%)
Benzo[b]fluoranthene	12.69	76.40

Resolution Report

Eurofins Edison

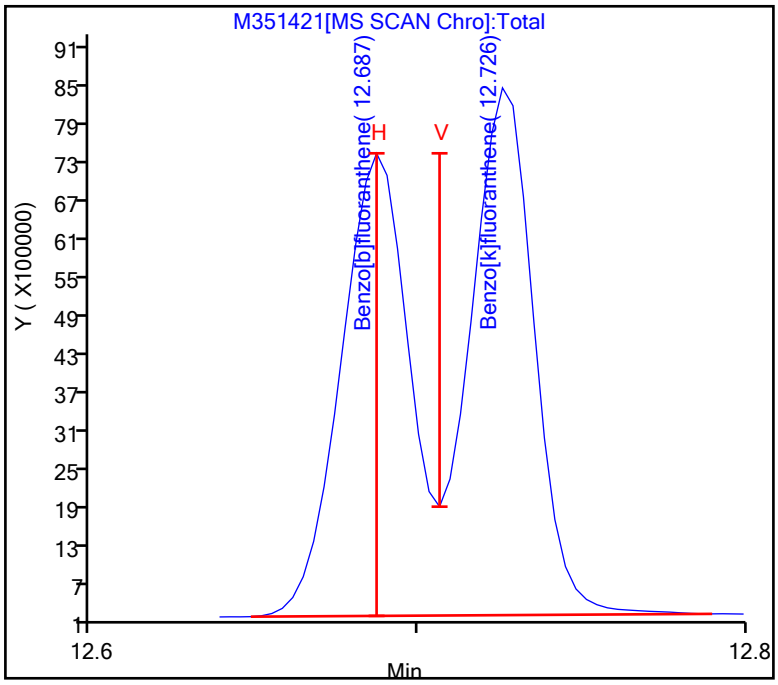
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351421.D
Injection Date: 25-Jul-2025 10:57:30 Instrument ID: CBNAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 5569992
H(Smaller Peak Height) = 7291674

%Resolution = 76.4, Min. Resolution > 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1053358/2 Instrument ID (1): CBNAMS17

GC Column (1): Rtxi-5Sil MS ID: 0.25(mm) Date Analyzed (1): 08/01/2025 18:33

ANALYTE	RT	RESOLUTION (%)
Benzo[b]fluoranthene	12.64	77.50

Resolution Report

Eurofins Edison

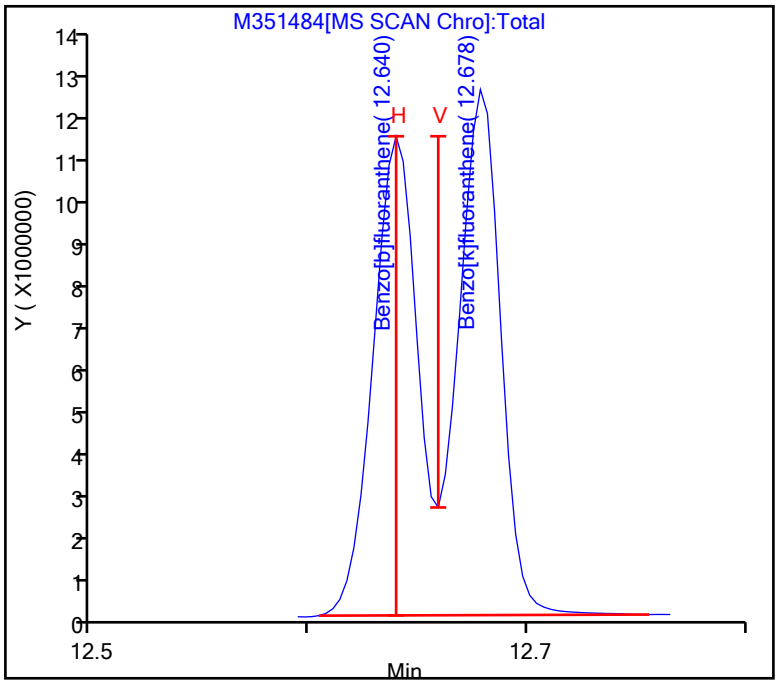
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351484.D
Injection Date: 01-Aug-2025 18:33:30 Instrument ID: CBNAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

107 Benzo[b]fluoranthene - 108 Benzo[k]fluoranthene

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 8255512
H(Smaller Peak Height) = 10655911

%Resolution = 77.5, Min. Resolution > 50.0
Passed



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Lab Sample ID: ICV 460-1051713/14 | Calibration Date: 07/25/2025 10:57

Instrument ID: CBNAMS17 | Calib Start Date: 07/25/2025 06:31

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 07/25/2025 10:17

Lab File ID: M351421.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6332	0.6529		10300	10000	3.1	30.0
N-Nitrosodimethylamine	Ave	0.9872	1.027		10400	10000	4.0	30.0
Pyridine	Ave	1.432	1.789		25000	20000	24.9	30.0
Benzaldehyde	Ave	1.251	1.231	0.0100	3940	4000	-1.6	30.0
Phenol	Ave	1.838	1.811	0.8000	9850	10000	-1.5	30.0
Aniline	Ave	2.274	2.407		10600	10000	5.8	30.0
Bis(2-chloroethyl)ether	Ave	1.463	1.482	0.7000	10100	10000	1.3	30.0
2-Chlorophenol	Ave	1.415	1.453	0.8000	10300	10000	2.7	30.0
n-Decane	Ave	1.337	1.335		9990	10000	-0.1	30.0
1,3-Dichlorobenzene	Ave	1.566	1.578		10100	10000	0.7	30.0
1,4-Dichlorobenzene	Ave	1.599	1.587		9920	10000	-0.8	30.0
Benzyl alcohol	Ave	0.8770	0.9173		10500	10000	4.6	30.0
1,2-Dichlorobenzene	Ave	1.482	1.504	0.0100	10100	10000	1.4	30.0
2-Methylphenol	Ave	1.298	1.325	0.7000	10200	10000	2.1	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.691	1.654	0.0100	9780	10000	-2.2	30.0
N-Methylaniline	Ave	2.171	2.320		10700	10000	6.9	30.0
3 & 4 Methylphenol	Ave	1.425	1.451		10200	10000	1.8	30.0
4-Methylphenol	Ave	1.411	1.430	0.6000	10100	10000	1.3	30.0
Acetophenone	Ave	1.977	1.992	0.0100	10100	10000	0.7	30.0
N-Nitrosodi-n-propylamine	Ave	0.9668	0.9536	0.5000	9860	10000	-1.4	30.0
Hexachloroethane	Ave	0.6020	0.6005	0.3000	9980	10000	-0.2	30.0
Nitrobenzene	Ave	0.6687	0.6682	0.2000	9990	10000	-0.0	30.0
n,n'-Dimethylaniline	Ave	2.075	2.257		10900	10000	8.7	30.0
Isophorone	Ave	0.6714	0.6893	0.4000	10300	10000	2.7	30.0
2-Nitrophenol	Ave	0.1568	0.1690	0.1000	10800	10000	7.8	30.0
2,4-Dimethylphenol	Ave	0.3075	0.3177	0.2000	10300	10000	3.3	30.0
Bis(2-chloroethoxy)methane	Ave	0.4359	0.4406	0.3000	10100	10000	1.1	30.0
Benzoic acid	Lin2		0.1607		9570	10000	-4.3	30.0
2,4-Dichlorophenol	Ave	0.2615	0.2757	0.2000	10500	10000	5.4	30.0
1,2,4-Trichlorobenzene	Ave	0.2864	0.2926		10200	10000	2.2	30.0
Naphthalene	Ave	0.9673	1.063	0.7000	11000	10000	9.9	30.0
4-Chloroaniline	Ave	0.4105	0.4358	0.0100	10600	10000	6.2	30.0
Hexachlorobutadiene	Ave	0.1415	0.1435	0.0100	10100	10000	1.4	30.0
Caprolactam	Ave	0.1107	0.1246	0.0100	4510	4000	12.6	30.0
4-Chloro-3-methylphenol	Ave	0.2662	0.2776	0.2000	10400	10000	4.3	30.0
2-Methylnaphthalene	Ave	0.5862	0.6071	0.4000	10400	10000	3.6	30.0
1-Methylnaphthalene	Ave	0.6055	0.6250		10300	10000	3.2	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5474	0.5686	0.0100	10400	10000	3.9	30.0
Hexachlorocyclopentadiene	Ave	0.3737	0.4092	0.0500	10900	10000	9.5	30.0
2-tertbutyl-4-methylphenol	Ave	0.3647	0.3822		10500	10000	4.8	30.0
2,4,6-Trichlorophenol	Ave	0.3514	0.3851	0.2000	11000	10000	9.6	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Lab Sample ID: ICV 460-1051713/14 | Calibration Date: 07/25/2025 10:57

Instrument ID: CBNAMS17 | Calib Start Date: 07/25/2025 06:31

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 07/25/2025 10:17

Lab File ID: M351421.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.3722	0.4016	0.2000	10800	10000	7.9	30.0
1,1'-Biphenyl	Ave	1.554	1.681	0.0100	10800	10000	8.2	30.0
2-Chloronaphthalene	Ave	1.202	1.279	0.8000	10600	10000	6.4	30.0
Phenyl ether	Ave	0.8211	0.8687		10600	10000	5.8	30.0
2-Nitroaniline	Ave	0.3803	0.4102	0.0100	10800	10000	7.9	30.0
1,3-Dimethylnaphthalene	Ave	0.8506	0.8783		10300	10000	3.3	30.0
Dimethyl phthalate	Ave	1.220	1.306	0.0100	10700	10000	7.0	30.0
Coumarin	Ave	0.2053	0.2146		10500	10000	4.5	30.0
2,6-Dinitrotoluene	Ave	0.2456	0.2799	0.2000	11400	10000	14.0	30.0
Acenaphthylene	Ave	1.851	2.112	0.6000	11400	10000	14.1	30.0
3-Nitroaniline	Ave	0.3026	0.3382	0.0100	11200	10000	11.8	30.0
Acenaphthene	Ave	1.183	1.233	0.9000	10400	10000	4.2	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.8346	0.9287		11100	10000	11.3	30.0
2,4-Dinitrophenol	Qua1		0.1365	0.0100	21500	20000	7.6	30.0
4-Nitrophenol	Ave	0.1917	0.2190	0.0100	22800	20000	14.2	30.0
2,4-Dinitrotoluene	Ave	0.3046	0.3614	0.2000	11900	10000	18.6	30.0
Dibenzofuran	Ave	1.569	1.719	0.8000	11000	10000	9.6	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.2591	0.2879	0.0100	11100	10000	11.2	30.0
Diethyl phthalate	Ave	1.243	1.327	0.0100	10700	10000	6.8	30.0
n-Octadecane	Ave	0.5694	0.5785		10200	10000	1.6	30.0
Fluorene	Ave	1.286	1.366	0.9000	10600	10000	6.2	30.0
4-Chlorophenyl phenyl ether	Ave	0.5476	0.5719	0.4000	10400	10000	4.4	30.0
4-Nitroaniline	Ave	0.2827	0.3234	0.0100	11400	10000	14.4	30.0
4,6-Dinitro-2-methylphenol	Qua1		0.1127	0.0100	20700	20000	3.7	30.0
N-Nitrosodiphenylamine	Ave	0.5552	0.5717	0.0100	10300	10000	3.0	30.0
1,2-Diphenylhydrazine	Ave	0.8745	0.9227		10600	10000	5.5	30.0
4-Bromophenyl phenyl ether	Ave	0.1900	0.1984	0.1000	10400	10000	4.4	30.0
Hexachlorobenzene	Ave	0.2298	0.2377	0.1000	10300	10000	3.5	30.0
Atrazine	Ave	0.1671	0.1836	0.0100	4400	4000	9.9	30.0
Pentachlorophenol	Ave	0.1314	0.1486	0.0500	22600	20000	13.1	30.0
Pentachloronitrobenzene	Ave	0.0540	0.0592	0.0100	11000	10000	9.6	30.0
Phenanthrene	Ave	0.9948	1.087	0.7000	10900	10000	9.2	30.0
Anthracene	Ave	1.010	1.128	0.7000	11200	10000	11.7	30.0
Carbazole	Ave	0.9187	1.011	0.0100	11000	10000	10.1	30.0
Di-n-butyl phthalate	Ave	0.9899	1.196	0.0100	12100	10000	20.9	30.0
Fluoranthene	Ave	0.8939	0.9948	0.6000	11100	10000	11.3	30.0
Benzidine	Qua1		0.5916		11800	10000	17.9	30.0
Pyrene	Ave	1.684	1.700	0.6000	10100	10000	0.9	30.0
Bisphenol-A	Ave	0.4919	0.4178		8490	10000	-15.1	30.0
Butyl benzyl phthalate	Qua1		0.7230	0.0100	10100	10000	1.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: ICV 460-1051713/14 Calibration Date: 07/25/2025 10:57

Instrument ID: CBNAMS17 Calib Start Date: 07/25/2025 06:31

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/25/2025 10:17

Lab File ID: M351421.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Qua1		0.5178		11000	10000	9.5	30.0
3,3'-Dichlorobenzidine	Qua1		0.5390	0.0100	10500	10000	5.1	30.0
Benzo[a]anthracene	Lin2		1.370	0.8000	10500	10000	5.4	30.0
Chrysene	Ave	1.256	1.273	0.7000	10100	10000	1.3	30.0
Bis(2-ethylhexyl) phthalate	Qua1		1.091	0.0100	10300	10000	3.1	30.0
Di-n-octyl phthalate	Qua1		1.683	0.0100	10100	10000	0.8	30.0
Benzo[b]fluoranthene	Ave	1.119	1.208		10800	10000	8.0	30.0
Benzo[k]fluoranthene	Ave	1.258	1.327	0.7000	10500	10000	5.5	30.0
Benzo[a]pyrene	Ave	1.053	1.177	0.7000	11200	10000	11.7	30.0
Indeno[1,2,3-cd]pyrene	Qua1		1.126	0.5000	10300	10000	2.7	30.0
Dibenz(a,h)anthracene	Qua1		1.164	0.4000	10400	10000	4.1	30.0
Benzo[g,h,i]perylene	Qua1		1.139	0.5000	10300	10000	3.4	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351421.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 25-Jul-2025 10:57:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194057-014
Operator ID: Instrument ID: CBNAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 25-Jul-2025 11:39:50 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: G4KC Date: 25-Jul-2025 11:40:06

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	1,4-Dioxane	88	1.830	1.840	-0.010	93	1350993	10.0	10.3	
2	N-Nitrosodimethylamine	74	2.012	2.019	-0.007	99	2124178	10.0	10.4	
3	Pyridine	79	2.057	2.064	-0.007	97	7403720	20.0	25.0	
5	Benzaldehyde	77	3.869	3.873	-0.004	98	1018931	4.00	3.94	E
7	Phenol	94	3.946	3.950	-0.004	95	3747763	10.0	9.85	
8	Aniline	93	3.978	3.979	-0.001	97	4980267	10.0	10.6	
9	Bis(2-chloroethyl)ether	93	4.032	4.040	-0.008	97	3067015	10.0	10.1	
10	Benzonitrile	103	4.048	4.056	-0.008	97	6213510	NC	NC	
11	2-Chlorophenol	128	4.093	4.097	-0.004	97	3007265	10.0	10.3	
13	n-Decane	43	4.157	4.158	-0.001	88	2763204	10.0	9.99	
14	1,3-Dichlorobenzene	146	4.243	4.248	-0.005	96	3264409	10.0	10.1	
* 15	1,4-Dichlorobenzene-d4	152	4.298	4.299	-0.001	95	1655379	8.00	8.00	
16	1,4-Dichlorobenzene	146	4.314	4.315	-0.001	95	3283105	10.0	9.92	
17	Benzyl alcohol	108	4.426	4.430	-0.004	95	1898148	10.0	10.5	
19	1,2-Dichlorobenzene	146	4.461	4.465	-0.004	96	3111865	10.0	10.1	
20	2-Methylphenol	108	4.535	4.539	-0.004	91	2742007	10.0	10.2	
21	2,2'-oxybis[1-chloropropane]	45	4.560	4.564	-0.004	96	3422769	10.0	9.78	
24	N-Methylaniline	106	4.675	4.676	-0.001	93	4800063	10.0	10.7	
26	Acetophenone	105	4.685	4.686	-0.001	91	4121169	10.0	10.1	
25	N-Nitrosodi-n-propylamine	70	4.685	4.689	-0.004	79	1973127	10.0	9.86	
23	3 & 4 Methylphenol	108	4.685	4.689	-0.004	0	3003190	10.0	10.2	
22	4-Methylphenol	108	4.685	4.689	-0.004	83	2958093	10.0	10.1	
27	Hexachloroethane	117	4.794	4.795	-0.001	94	1242649	10.0	9.98	
29	Nitrobenzene	123	4.845	4.846	-0.001	97	1382754	10.0	10.0	
30	n,n'-Dimethylaniline	120	4.855	4.859	-0.004	97	4669873	10.0	10.9	
31	Isophorone	82	5.082	5.083	-0.001	98	5460874	10.0	10.3	
32	2-Nitrophenol	139	5.155	5.156	-0.001	96	1339071	10.0	10.8	
33	2,4-Dimethylphenol	122	5.203	5.204	-0.001	92	2516962	10.0	10.3	
35	Bis(2-chloroethoxy)methane	93	5.290	5.294	-0.004	98	3490312	10.0	10.1	
34	Benzoic acid	122	5.299	5.304	-0.005	87	1273053	10.0	9.57	
36	2,4-Dichlorophenol	162	5.389	5.390	-0.001	97	2184015	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
37 1,2,4-Trichlorobenzene	180	5.472	5.477	-0.005	95	2318457	10.0	10.2	
* 38 Naphthalene-d8	136	5.527	5.528	-0.001	99	6337982	8.00	8.00	
39 Naphthalene	128	5.546	5.547	-0.001	99	8420523	10.0	11.0	e
40 4-Chloroaniline	127	5.597	5.598	-0.001	97	3452557	10.0	10.6	
41 2,6-Dichlorophenol	162	5.607	5.608	-0.001	98	2008968	10.0	10.1	
42 Hexachlorobutadiene	225	5.681	5.682	-0.001	94	1137146	10.0	10.1	
44 Caprolactam	55	5.921	5.960	-0.039	92	394971	4.00	4.51	
45 4-Chloro-3-methylphenol	107	6.068	6.072	-0.004	96	2199312	10.0	10.4	
46 2-Methylnaphthalene	142	6.212	6.216	-0.004	85	4809894	10.0	10.4	
47 1-Methylnaphthalene	142	6.308	6.309	-0.001	93	4951183	10.0	10.3	
48 Hexachlorocyclopentadiene	237	6.378	6.380	-0.002	86	1469858	10.0	10.9	
49 1,2,4,5-Tetrachlorobenzene	216	6.378	6.380	-0.002	94	2042662	10.0	10.4	
50 2-tertbutyl-4-methylphenol	149	6.414	6.415	-0.001	90	3027687	10.0	10.5	
51 2,4,6-Trichlorophenol	196	6.484	6.485	-0.001	89	1383402	10.0	11.0	
52 2,4,5-Trichlorophenol	196	6.516	6.517	-0.001	96	1442558	10.0	10.8	
54 1,1'-Biphenyl	154	6.660	6.665	-0.005	96	6040365	10.0	10.8	
55 2-Chloronaphthalene	162	6.676	6.681	-0.005	98	4593975	10.0	10.6	
56 Phenyl ether	170	6.766	6.767	-0.001	88	3120644	10.0	10.6	
57 2-Nitroaniline	65	6.769	6.774	-0.005	97	1473579	10.0	10.8	
58 1,3-Dimethylnaphthalene	156	6.888	6.892	-0.004	90	3155281	10.0	10.3	
59 Dimethyl phthalate	163	6.958	6.960	-0.002	98	4690296	10.0	10.7	
60 Coumarin	146	6.965	6.969	-0.004	81	1700369	10.0	10.5	
61 2,6-Dinitrotoluene	165	7.003	7.008	-0.005	97	1005484	10.0	11.4	
62 Acenaphthylene	152	7.071	7.075	-0.004	97	7588633	10.0	11.4	e
63 3-Nitroaniline	138	7.160	7.165	-0.005	97	1214968	10.0	11.2	
* 64 Acenaphthene-d10	164	7.208	7.210	-0.002	96	2873942	8.00	8.00	
66 Acenaphthene	154	7.240	7.242	-0.002	96	4430165	10.0	10.4	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.244	7.245	-0.001	97	3336363	10.0	11.1	
67 2,4-Dinitrophenol	184	7.260	7.264	-0.004	97	980754	20.0	21.5	a
68 4-Nitrophenol	65	7.327	7.331	-0.004	89	1573461	20.0	22.8	
69 2,4-Dinitrotoluene	165	7.385	7.389	-0.004	96	1298370	10.0	11.9	
70 Dibenzofuran	168	7.404	7.405	-0.001	97	6176842	10.0	11.0	
71 2,3,4,6-Tetrachlorophenol	232	7.522	7.524	-0.002	92	1034417	10.0	11.1	
72 Diethyl phthalate	149	7.635	7.636	-0.001	98	4768042	10.0	10.7	
73 n-Octadecane	57	7.664	7.668	-0.004	89	3336416	10.0	10.2	
74 Fluorene	166	7.728	7.732	-0.004	94	4906468	10.0	10.6	
75 4-Chlorophenyl phenyl ether	204	7.731	7.735	-0.004	86	2054617	10.0	10.4	
76 4-Nitroaniline	138	7.741	7.745	-0.004	94	1161925	10.0	11.4	
77 4,6-Dinitro-2-methylphenol	198	7.776	7.780	-0.004	84	1299615	20.0	20.7	
78 N-Nitrosodiphenylamine	169	7.843	7.848	-0.005	80	3296892	10.0	10.3	
131 Azobenzene	77	7.882	7.886	-0.004	96	5321383	10.0	10.5	
79 1,2-Diphenylhydrazine	77	7.882	7.886	-0.004	50	5321383	10.0	10.6	
83 4-Bromophenyl phenyl ether	248	8.196	8.197	-0.001	86	1144137	10.0	10.4	
84 Hexachlorobenzene	284	8.260	8.261	-0.001	98	1370933	10.0	10.3	
85 Atrazine	200	8.353	8.357	-0.004	92	423631	4.00	4.40	
86 Pentachlorophenol	266	8.442	8.444	-0.002	94	1714121	20.0	22.6	
87 Pentachloronitrobenzene	237	8.458	8.463	-0.005	87	341440	10.0	11.0	
* 88 Phenanthrene-d10	188	8.616	8.617	-0.001	99	4613723	8.00	8.00	
89 Phenanthrene	178	8.638	8.643	-0.005	98	6267740	10.0	10.9	
90 Anthracene	178	8.686	8.691	-0.005	98	6507295	10.0	11.2	
91 Carbazole	167	8.837	8.842	-0.005	96	5831077	10.0	11.0	
92 Di-n-butyl phthalate	149	9.186	9.191	-0.005	99	6899511	10.0	12.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	9.766	9.768	-0.002	96	5737098	10.0	11.1	
94 Benzidine	184	9.894	9.896	-0.002	100	3411655	10.0	11.8	
95 Pyrene	202	9.977	9.983	-0.006	96	5763434	10.0	10.1	
96 Bisphenol-A	213	10.032	10.034	-0.002	97	1416285	10.0	8.49	M
98 Butyl benzyl phthalate	149	10.645	10.650	-0.005	97	2451066	10.0	10.1	
100 Carbamazepine	193	10.751	10.752	-0.001	94	1755484	10.0	11.0	M
101 3,3'-Dichlorobenzidine	252	11.238	11.240	-0.002	99	1827230	10.0	10.5	
102 Benzo[a]anthracene	228	11.260	11.266	-0.006	99	4642913	10.0	10.5	
* 103 Chrysene-d12	240	11.273	11.278	-0.005	98	2712163	8.00	8.00	
104 Chrysene	228	11.305	11.307	-0.002	97	4314814	10.0	10.1	
105 Bis(2-ethylhexyl) phthalate	149	11.337	11.343	-0.006	90	3698249	10.0	10.3	
106 Di-n-octyl phthalate	149	12.206	12.208	-0.002	96	5396473	10.0	10.1	
107 Benzo[b]fluoranthene	252	12.687	12.692	-0.005	98	3873383	10.0	10.8	
108 Benzo[k]fluoranthene	252	12.726	12.731	-0.005	99	4253016	10.0	10.5	
109 Benzo[a]pyrene	252	13.146	13.151	-0.005	95	3773477	10.0	11.2	
* 110 Perylene-d12	264	13.229	13.231	-0.002	97	2564818	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.817	14.822	-0.005	97	3609364	10.0	10.3	
112 Dibenz(a,h)anthracene	278	14.858	14.864	-0.006	96	3731607	10.0	10.4	a
113 Benzo[g,h,i]perylene	276	15.256	15.262	-0.006	96	3652669	10.0	10.3	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- E - Exceeded Maximum Amount
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

SV_ICV_ LVI_00012 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2025 11:40:09 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351421.D

Injection Date: 25-Jul-2025 10:57:30 Instrument ID: CBNAMS17

Lims ID: ICV

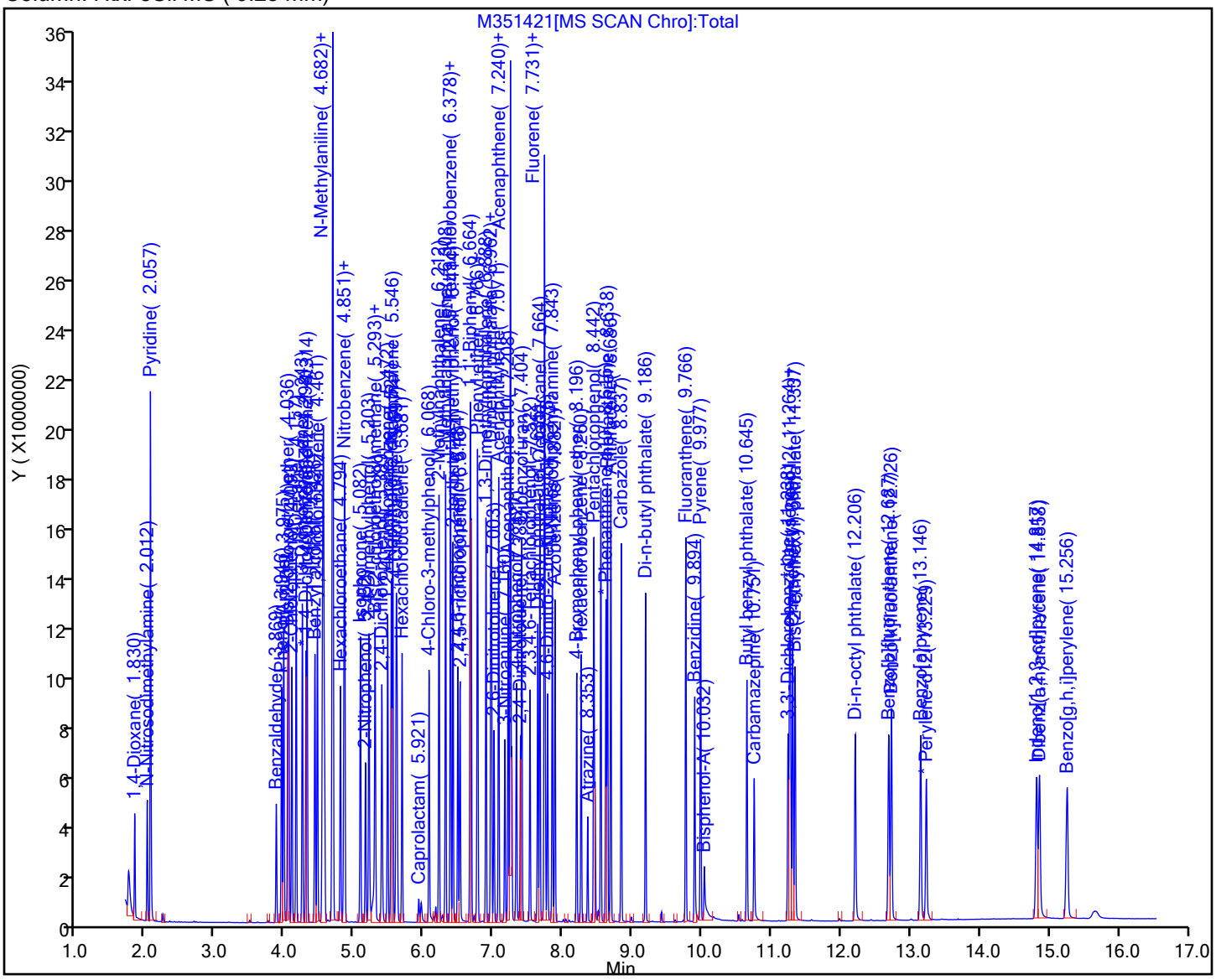
Client ID:

Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

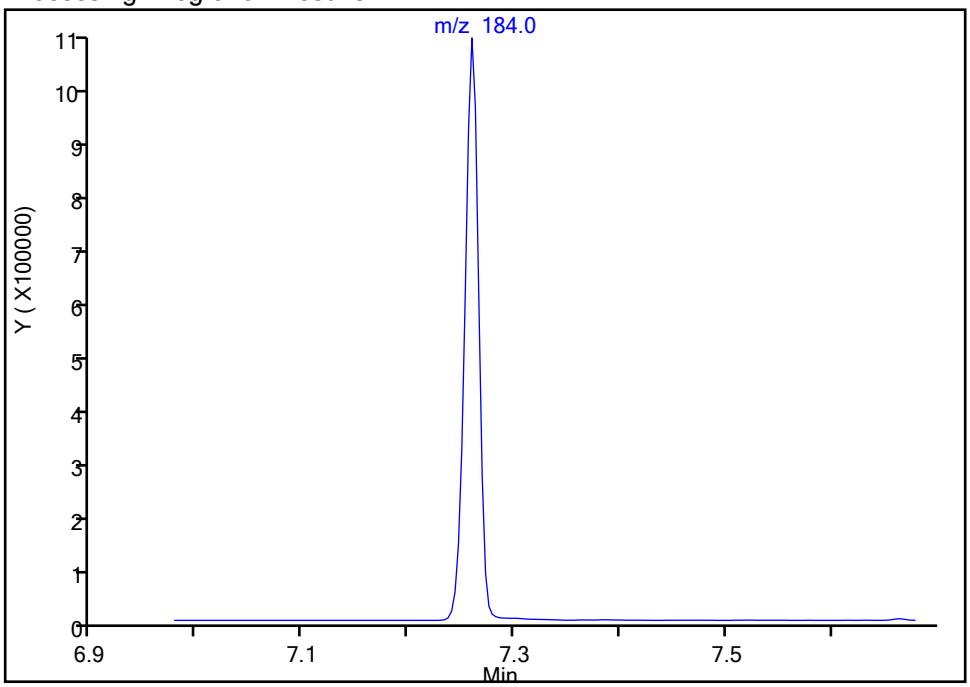
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351421.D				
Injection Date:	25-Jul-2025 10:57:30	Instrument ID:	CBNAMS17		
Lims ID:	ICV				
Client ID:					
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

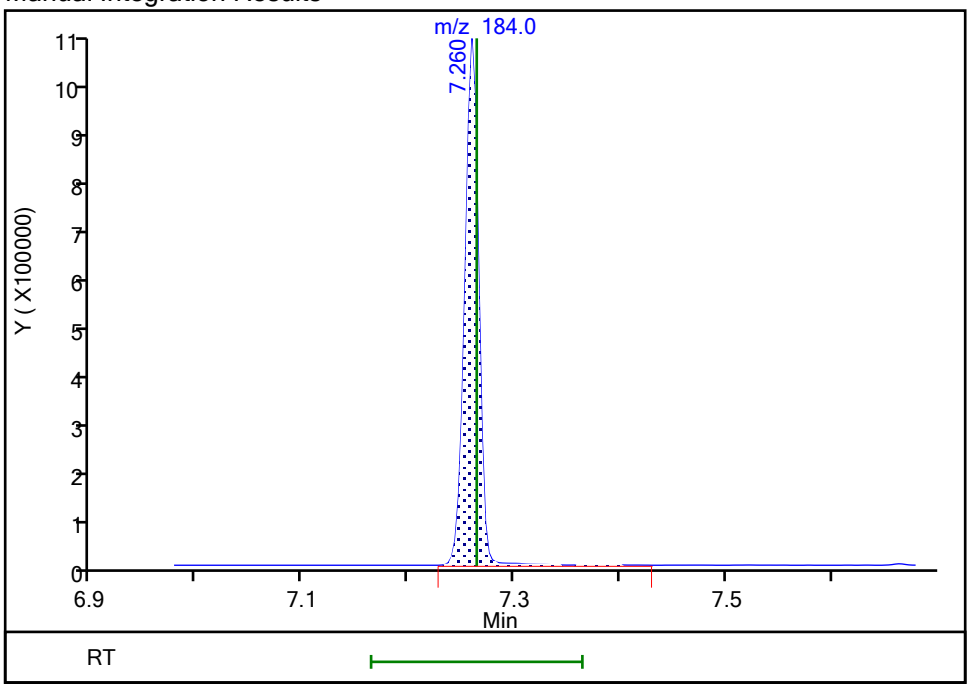
Not Detected
Expected RT: 7.26

Processing Integration Results



Manual Integration Results

RT: 7.26
Area: 980754
Amount: 21.515584
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 11:22:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

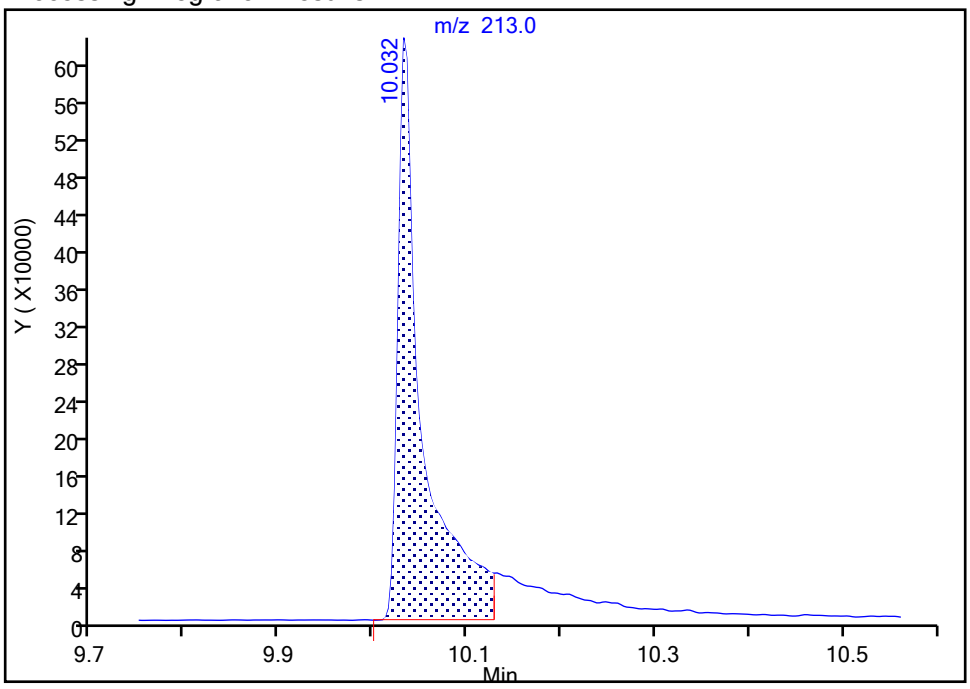
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351421.D
Injection Date: 25-Jul-2025 10:57:30 Instrument ID: CBNAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

96 Bisphenol-A, CAS: 80-05-7

Signal: 1

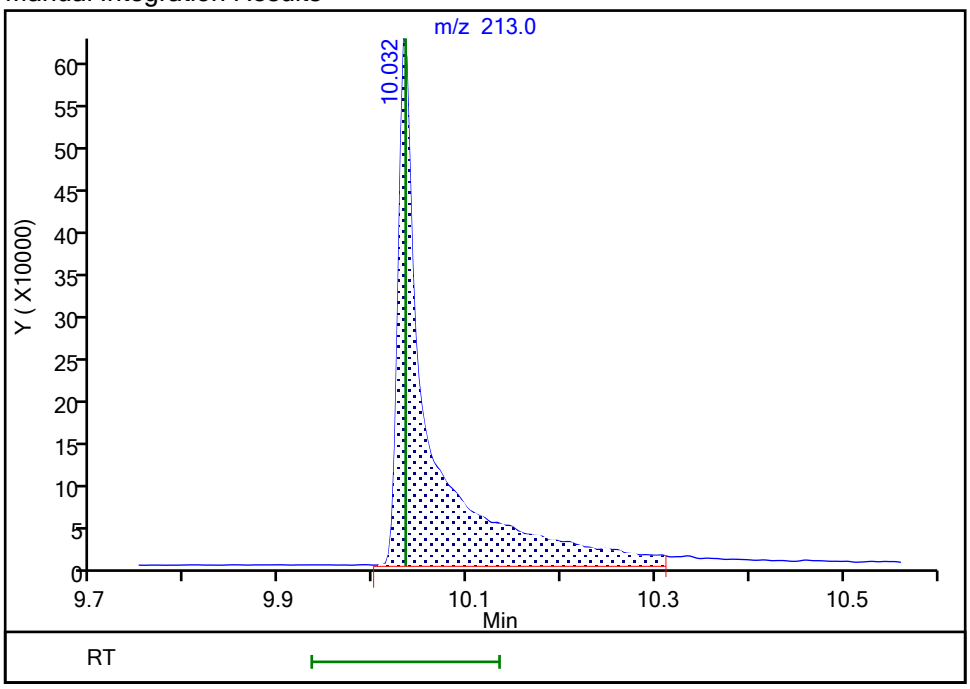
Processing Integration Results

RT: 10.03
Area: 1134168
Amount: 6.800554
Amount Units: ug/ml



Manual Integration Results

RT: 10.03
Area: 1416285
Amount: 8.492148
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 11:19:35 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

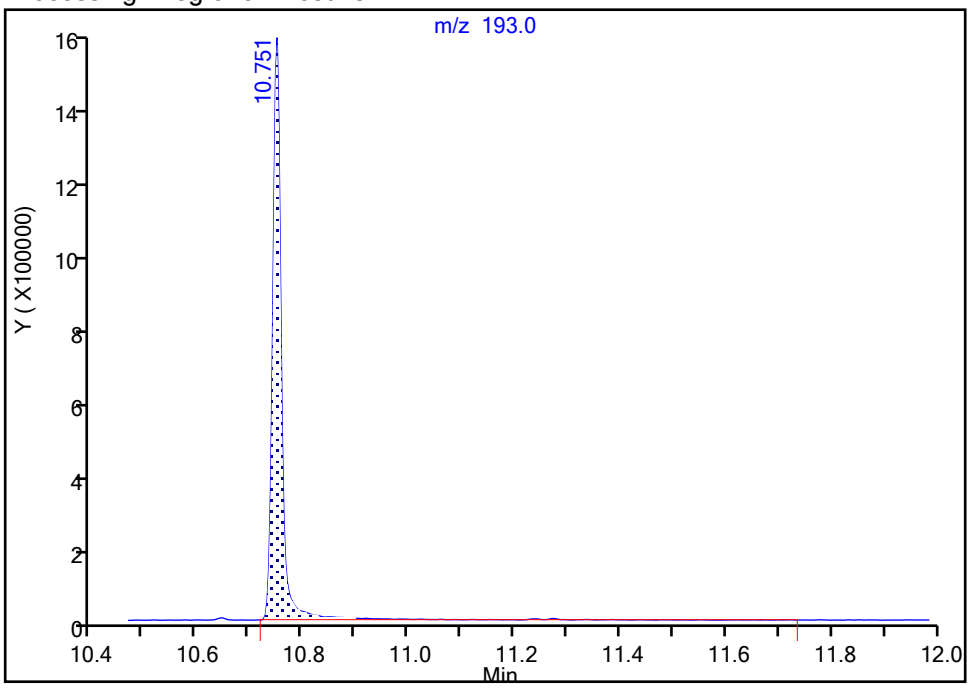
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351421.D
Injection Date: 25-Jul-2025 10:57:30 Instrument ID: CBNAMS17
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

100 Carbamazepine, CAS: 298-46-4

Signal: 1

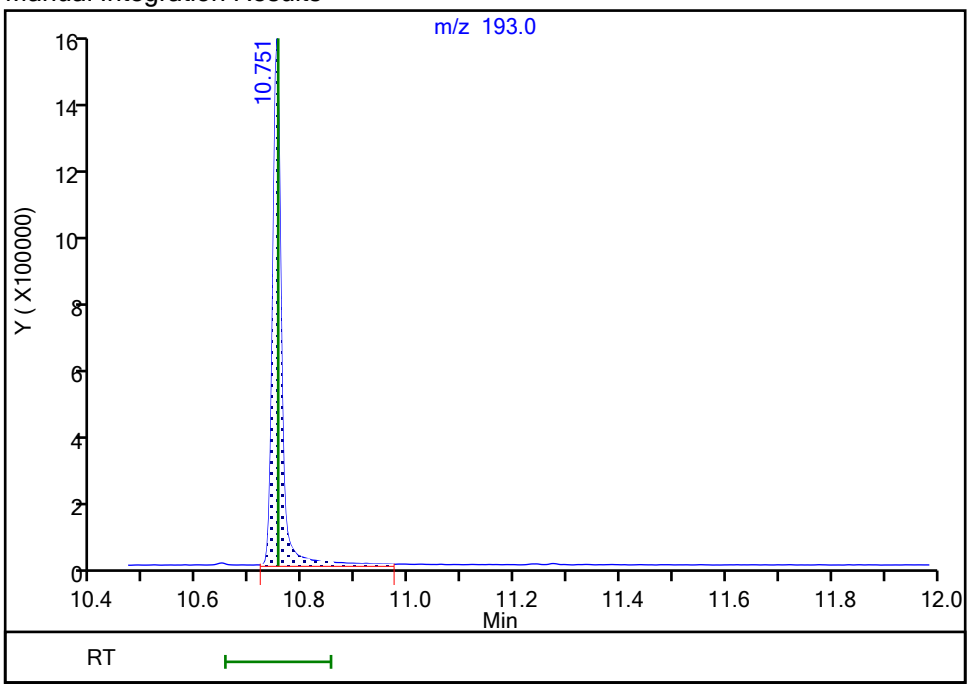
Processing Integration Results

RT: 10.75
Area: 1808928
Amount: 11.244564
Amount Units: ug/ml



Manual Integration Results

RT: 10.75
Area: 1755484
Amount: 10.954576
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 11:20:07 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

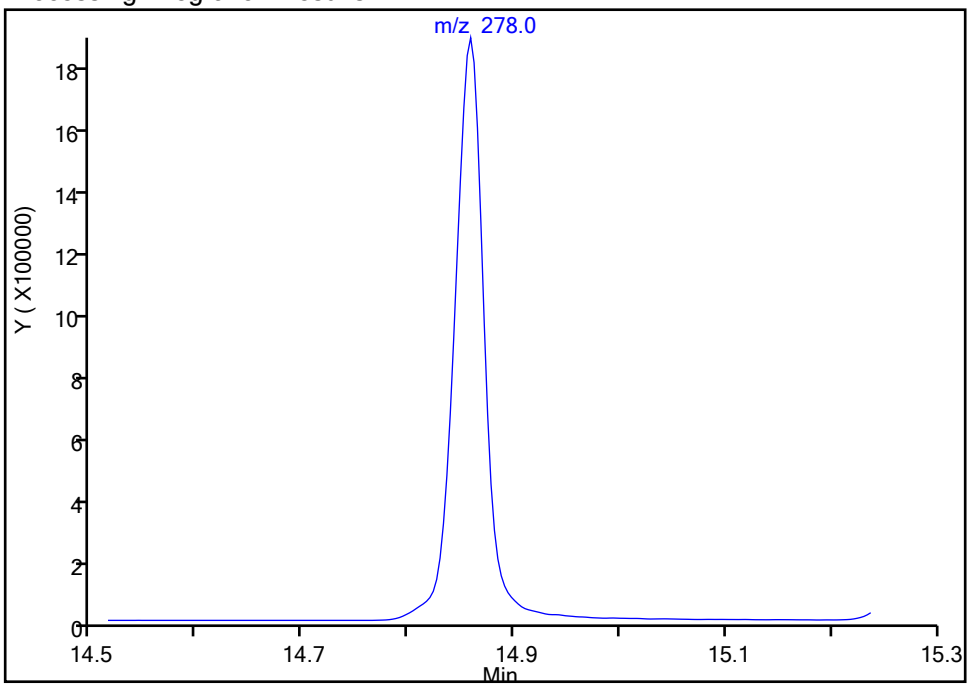
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351421.D				
Injection Date:	25-Jul-2025 10:57:30	Instrument ID:	CBNAMS17		
Lims ID:	ICV				
Client ID:					
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

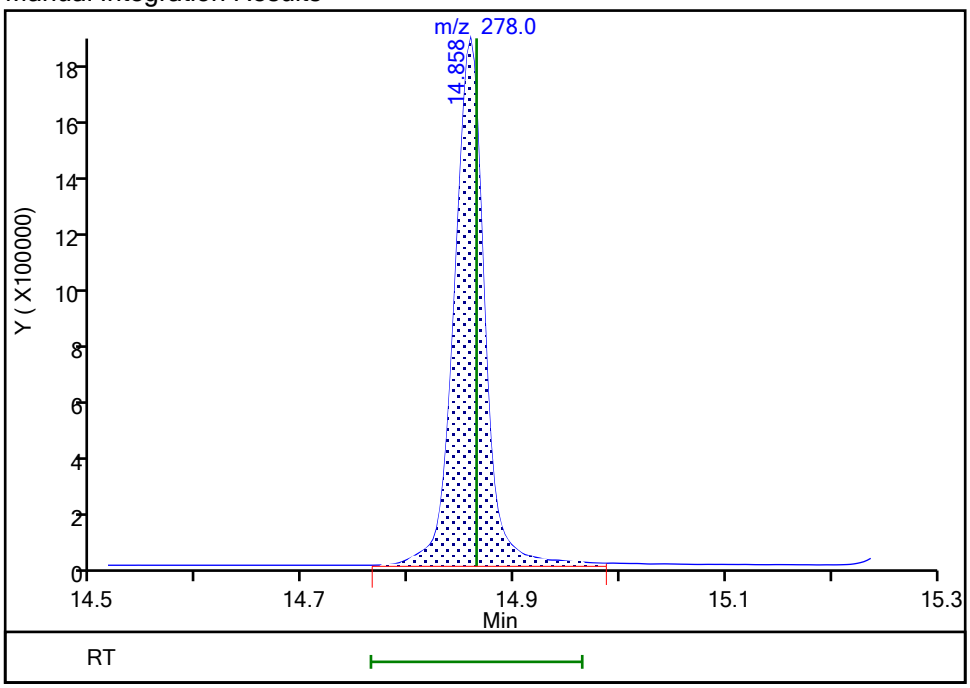
Not Detected
Expected RT: 14.86

Processing Integration Results



Manual Integration Results

RT: 14.86
Area: 3731607
Amount: 10.413783
Amount Units: ug/ml



Reviewer: G4KC, 25-Jul-2025 11:19:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Lab Sample ID: CCVIS 460-1053358/2 | Calibration Date: 08/01/2025 18:33

Instrument ID: CBNAMS17 | Calib Start Date: 07/25/2025 06:31

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 07/25/2025 10:17

Lab File ID: M351484.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6332	0.5853		9240	10000	-7.6	20.0
N-Nitrosodimethylamine	Ave	0.9872	0.8995		9110	10000	-8.9	20.0
Pyridine	Ave	1.432	1.467		20500	20000	2.4	20.0
Benzaldehyde	Ave	1.251	0.5498	0.0100	1760	4000	-56.1*	20.0
Phenol	Ave	1.838	1.893	0.8000	10300	10000	3.0	20.0
Aniline	Ave	2.274	2.261		9940	10000	-0.6	20.0
Bis(2-chloroethyl)ether	Ave	1.463	1.422	0.7000	9710	10000	-2.9	20.0
2-Chlorophenol	Ave	1.415	1.347	0.8000	9520	10000	-4.8	20.0
n-Decane	Ave	1.337	1.188		8880	10000	-11.2	20.0
1,3-Dichlorobenzene	Ave	1.566	1.538		9820	10000	-1.8	20.0
1,4-Dichlorobenzene	Ave	1.599	1.525		9530	10000	-4.7	20.0
Benzyl alcohol	Ave	0.8770	0.8880		10100	10000	1.2	20.0
1,2-Dichlorobenzene	Ave	1.482	1.466	0.0100	9890	10000	-1.1	20.0
2-Methylphenol	Ave	1.298	1.229	0.7000	9470	10000	-5.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.691	1.506	0.0100	8910	10000	-10.9	20.0
N-Methylaniline	Ave	2.171	2.172		10000	10000	0.0	20.0
Acetophenone	Ave	1.977	1.888	0.0100	9550	10000	-4.5	20.0
N-Nitrosodi-n-propylamine	Ave	0.9668	0.8629	0.5000	8930	10000	-10.7	20.0
3 & 4 Methylphenol	Ave	1.425	1.336		9380	10000	-6.2	20.0
4-Methylphenol	Ave	1.411	1.331	0.6000	9430	10000	-5.7	20.0
Hexachloroethane	Ave	0.6020	0.5656	0.3000	9390	10000	-6.1	20.0
Nitrobenzene	Ave	0.6687	0.6387	0.2000	9550	10000	-4.5	20.0
n,n'-Dimethylaniline	Ave	2.075	2.143		10300	10000	3.2	20.0
Isophorone	Ave	0.6714	0.6684	0.4000	9960	10000	-0.4	20.0
2-Nitrophenol	Ave	0.1568	0.1703	0.1000	10900	10000	8.6	20.0
2,4-Dimethylphenol	Ave	0.3075	0.3024	0.2000	9830	10000	-1.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.4359	0.4412	0.3000	10100	10000	1.2	20.0
Benzoic acid	Lin2		0.1712		10200	10000	1.6	20.0
2,4-Dichlorophenol	Ave	0.2615	0.2720	0.2000	10400	10000	4.0	20.0
1,2,4-Trichlorobenzene	Ave	0.2864	0.3055		10700	10000	6.7	20.0
Naphthalene	Ave	0.9673	0.8973	0.7000	9280	10000	-7.2	20.0
4-Chloroaniline	Ave	0.4105	0.4300	0.0100	10500	10000	4.8	20.0
Hexachlorobutadiene	Ave	0.1415	0.1547	0.0100	10900	10000	9.3	20.0
Caprolactam	Ave	0.1107	0.1059	0.0100	3830	4000	-4.3	20.0
4-Chloro-3-methylphenol	Ave	0.2662	0.2653	0.2000	9960	10000	-0.4	20.0
2-Methylnaphthalene	Ave	0.5862	0.6019	0.4000	10300	10000	2.7	20.0
1-Methylnaphthalene	Ave	0.6055	0.6243		10300	10000	3.1	20.0
Hexachlorocyclopentadiene	Ave	0.3737	0.4303	0.0500	11500	10000	15.2	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5474	0.5943	0.0100	10900	10000	8.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.3647	0.3807		10400	10000	4.4	20.0
2,4,6-Trichlorophenol	Ave	0.3514	0.3702	0.2000	10500	10000	5.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Lab Sample ID: CCVIS 460-1053358/2 | Calibration Date: 08/01/2025 18:33

Instrument ID: CBNAMS17 | Calib Start Date: 07/25/2025 06:31

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 07/25/2025 10:17

Lab File ID: M351484.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.3722	0.3994	0.2000	10700	10000	7.3	20.0
1,1'-Biphenyl	Ave	1.554	1.590	0.0100	10200	10000	2.3	20.0
2-Chloronaphthalene	Ave	1.202	1.252	0.8000	10400	10000	4.1	20.0
Phenyl ether	Ave	0.8211	0.8433		10300	10000	2.7	20.0
2-Nitroaniline	Ave	0.3803	0.3548	0.0100	9330	10000	-6.7	20.0
1,3-Dimethylnaphthalene	Ave	0.8506	0.8481		9970	10000	-0.3	20.0
Dimethyl phthalate	Ave	1.220	1.208	0.0100	9900	10000	-1.0	20.0
Coumarin	Ave	0.2053	0.2001		9750	10000	-2.5	20.0
2,6-Dinitrotoluene	Ave	0.2456	0.2575	0.2000	10500	10000	4.8	20.0
Acenaphthylene	Ave	1.851	1.807	0.6000	9770	10000	-2.3	20.0
3-Nitroaniline	Ave	0.3026	0.3066	0.0100	10100	10000	1.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.8346	0.9378		11200	10000	12.4	20.0
Acenaphthene	Ave	1.183	1.125	0.9000	9510	10000	-4.9	20.0
2,4-Dinitrophenol	Qua1		0.1360	0.0100	21500	20000	7.3	20.0
4-Nitrophenol	Ave	0.1917	0.1727	0.0100	18000	20000	-9.9	20.0
2,4-Dinitrotoluene	Ave	0.3046	0.3334	0.2000	10900	10000	9.4	20.0
Dibenzofuran	Ave	1.569	1.611	0.8000	10300	10000	2.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2591	0.2653	0.0100	10200	10000	2.4	20.0
Diethyl phthalate	Ave	1.243	1.173	0.0100	9430	10000	-5.7	20.0
n-Octadecane	Ave	0.5694	0.5593		9820	10000	-1.8	20.0
Fluorene	Ave	1.286	1.281	0.9000	9960	10000	-0.4	20.0
4-Chlorophenyl phenyl ether	Ave	0.5476	0.5574	0.4000	10200	10000	1.8	20.0
4-Nitroaniline	Ave	0.2827	0.2844	0.0100	10100	10000	0.6	20.0
4,6-Dinitro-2-methylphenol	Qua1		0.1156	0.0100	21200	20000	6.2	20.0
N-Nitrosodiphenylamine	Ave	0.5552	0.5503	0.0100	9910	10000	-0.9	20.0
1,2-Diphenylhydrazine	Ave	0.8745	0.8477		9690	10000	-3.1	20.0
4-Bromophenyl phenyl ether	Ave	0.1900	0.2047	0.1000	10800	10000	7.7	20.0
Hexachlorobenzene	Ave	0.2298	0.2489	0.1000	10800	10000	8.3	20.0
Atrazine	Ave	0.1671	0.1799	0.0100	4310	4000	7.7	20.0
Pentachlorophenol	Ave	0.1314	0.1451	0.0500	22100	20000	10.4	20.0
Pentachloronitrobenzene	Ave	0.0540	0.0561	0.0100	10400	10000	4.0	20.0
Phenanthrene	Ave	0.9948	1.015	0.7000	10200	10000	2.0	20.0
Anthracene	Ave	1.010	1.043	0.7000	10300	10000	3.2	20.0
Carbazole	Ave	0.9187	0.9510	0.0100	10400	10000	3.5	20.0
Di-n-butyl phthalate	Ave	0.9899	1.048	0.0100	10600	10000	5.8	20.0
Fluoranthene	Ave	0.8939	0.9576	0.6000	10700	10000	7.1	20.0
Benzidine	Qua1		0.4257		8860	10000	-11.4	20.0
Pyrene	Ave	1.684	1.622	0.6000	9630	10000	-3.7	20.0
Bisphenol-A	Ave	0.4919	0.5325		10800	10000	8.2	20.0
Butyl benzyl phthalate	Qua1		0.6759	0.0100	9530	10000	-4.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: CCVIS 460-1053358/2 Calibration Date: 08/01/2025 18:33

Instrument ID: CBNAMS17 Calib Start Date: 07/25/2025 06:31

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/25/2025 10:17

Lab File ID: M351484.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.1943	0.2016		104	100	3.7	20.0
Carbamazepine	Qua1		0.5504		11600	10000	15.5	20.0
3,3'-Dichlorobenzidine	Qua1		0.5553	0.0100	10800	10000	8.0	20.0
Benzo[a]anthracene	Lin2		1.370	0.8000	10500	10000	5.4	20.0
Chrysene	Ave	1.256	1.270	0.7000	10100	10000	1.1	20.0
Bis(2-ethylhexyl) phthalate	Qua1		1.019	0.0100	9700	10000	-3.0	20.0
Di-n-octyl phthalate	Qua1		1.555	0.0100	9370	10000	-6.3	20.0
Benzo[b]fluoranthene	Ave	1.119	1.199		10700	10000	7.1	20.0
Benzo[k]fluoranthene	Ave	1.258	1.262	0.7000	10000	10000	0.4	20.0
Benzo[a]pyrene	Ave	1.053	1.149	0.7000	10900	10000	9.1	20.0
Indeno[1,2,3-cd]pyrene	Qua1		1.177	0.5000	10700	10000	6.8	20.0
Dibenz(a,h)anthracene	Qua1		1.168	0.4000	10400	10000	4.5	20.0
Benzo[g,h,i]perylene	Qua1		1.150	0.5000	10400	10000	4.3	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3998	0.3500		8750	10000	-12.5	20.0
2-Fluorobiphenyl	Ave	1.562	1.467		9390	10000	-6.1	20.0
Terphenyl-d14 (Surr)	Ave	1.382	1.217		8800	10000	-12.0	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351484.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Aug-2025 18:33:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-002
Operator ID: Instrument ID: CBNAMS17
Sublist: chrom-8270LVI_17*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 11:45:15 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 11:45:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.811	1.811	0.000	91	1693745	10.0	9.24	
2 N-Nitrosodimethylamine	74	1.994	1.994	0.000	100	2603203	10.0	9.11	
3 Pyridine	79	2.038	2.038	0.000	94	8488089	20.0	20.5	e
$ 4 2-Fluorophenol	112	3.046	3.046	0.000	98	3904414	10.0	8.76	
5 Benzaldehyde	77	3.849	3.849	0.000	97	636403	4.00	1.76	
$ 6 Phenol-d5	99	3.932	3.932	0.000	0	4866434	10.0	8.55	
7 Phenol	94	3.945	3.945	0.000	96	5478718	10.0	10.3	
8 Aniline	93	3.958	3.958	0.000	98	6542214	10.0	9.94	
9 Bis(2-chloroethyl)ether	93	4.016	4.016	0.000	98	4113774	10.0	9.71	
10 Benzonitrile	103	4.032	4.032	0.000	97	8181278	NC	NC	
11 2-Chlorophenol	128	4.080	4.080	0.000	98	3898102	10.0	9.52	
13 n-Decane	43	4.131	4.131	0.000	87	3437000	10.0	8.88	
14 1,3-Dichlorobenzene	146	4.224	4.224	0.000	97	4451590	10.0	9.82	
* 15 1,4-Dichlorobenzene-d4	152	4.275	4.275	0.000	95	2315172	8.00	8.00	
16 1,4-Dichlorobenzene	146	4.291	4.291	0.000	95	4413577	10.0	9.53	
17 Benzyl alcohol	108	4.413	4.413	0.000	96	2569801	10.0	10.1	
19 1,2-Dichlorobenzene	146	4.441	4.441	0.000	97	4242826	10.0	9.89	
20 2-Methylphenol	108	4.528	4.528	0.000	88	3557738	10.0	9.47	
21 2,2'-oxybis[1-chloropropane]	45	4.541	4.541	0.000	96	4358442	10.0	8.91	
24 N-Methylaniline	106	4.656	4.656	0.000	96	6287023	10.0	10.0	a
26 Acetophenone	105	4.666	4.666	0.000	94	5464483	10.0	9.55	
25 N-Nitrosodi-n-propylamine	70	4.669	4.669	0.000	79	2497188	10.0	8.93	
23 3 & 4 Methylphenol	108	4.678	4.678	0.000	0	3866715	10.0	9.38	
22 4-Methylphenol	108	4.678	4.678	0.000	98	3850672	10.0	9.43	
27 Hexachloroethane	117	4.768	4.768	0.000	95	1636828	10.0	9.39	
$ 28 Nitrobenzene-d5	82	4.806	4.806	0.000	86	3765032	10.0	8.75	
29 Nitrobenzene	123	4.826	4.826	0.000	96	1848507	10.0	9.55	
30 n,n'-Dimethylaniline	120	4.835	4.835	0.000	96	6200521	10.0	10.3	
31 Isophorone	82	5.063	5.063	0.000	98	7190385	10.0	9.96	
32 2-Nitrophenol	139	5.133	5.133	0.000	97	1832536	10.0	10.9	
33 2,4-Dimethylphenol	122	5.191	5.191	0.000	93	3252829	10.0	9.83	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Bis(2-chloroethoxy)methane	93	5.271	5.271	0.000	97	4745846	10.0	10.1	
34 Benzoic acid	122	5.303	5.303	0.000	85	1841869	10.0	10.2	
36 2,4-Dichlorophenol	162	5.373	5.373	0.000	98	2926050	10.0	10.4	
37 1,2,4-Trichlorobenzene	180	5.454	5.454	0.000	95	3286370	10.0	10.7	
* 38 Naphthalene-d8	136	5.502	5.502	0.000	99	8605984	8.00	8.00	e
39 Naphthalene	128	5.521	5.521	0.000	98	9652746	10.0	9.28	e
40 4-Chloroaniline	127	5.578	5.578	0.000	98	4625808	10.0	10.5	
41 2,6-Dichlorophenol	162	5.591	5.591	0.000	99	2809425	10.0	10.4	
42 Hexachlorobutadiene	225	5.655	5.655	0.000	96	1663919	10.0	10.9	
44 Caprolactam	55	5.915	5.915	0.000	94	455580	4.00	3.83	
45 4-Chloro-3-methylphenol	107	6.062	6.062	0.000	96	2853507	10.0	9.96	
46 2-Methylnaphthalene	142	6.190	6.190	0.000	85	6474692	10.0	10.3	
47 1-Methylnaphthalene	142	6.283	6.283	0.000	92	6715868	10.0	10.3	
48 Hexachlorocyclopentadiene	237	6.354	6.354	0.000	97	2151895	10.0	11.5	
49 1,2,4,5-Tetrachlorobenzene	216	6.357	6.357	0.000	96	2972213	10.0	10.9	
50 2-tertbutyl-4-methylphenol	149	6.396	6.396	0.000	93	4095664	10.0	10.4	
51 2,4,6-Trichlorophenol	196	6.466	6.466	0.000	90	1851165	10.0	10.5	
52 2,4,5-Trichlorophenol	196	6.505	6.505	0.000	97	1997647	10.0	10.7	
$ 53 2-Fluorobiphenyl	172	6.546	6.546	0.000	98	7335423	10.0	9.39	
54 1,1'-Biphenyl	154	6.636	6.636	0.000	96	7951966	10.0	10.2	e
55 2-Chloronaphthalene	162	6.655	6.655	0.000	98	6259025	10.0	10.4	
56 Phenyl ether	170	6.742	6.742	0.000	87	4217483	10.0	10.3	
57 2-Nitroaniline	65	6.751	6.751	0.000	96	1774393	10.0	9.33	
58 1,3-Dimethylnaphthalene	156	6.867	6.867	0.000	91	4241254	10.0	9.97	
59 Dimethyl phthalate	163	6.937	6.937	0.000	99	6039891	10.0	9.90	
60 Coumarin	146	6.947	6.947	0.000	83	2152859	10.0	9.75	
61 2,6-Dinitrotoluene	165	6.986	6.986	0.000	96	1287753	10.0	10.5	
62 Acenaphthylene	152	7.046	7.046	0.000	96	9038833	10.0	9.77	e
63 3-Nitroaniline	138	7.143	7.143	0.000	97	1533545	10.0	10.1	
* 64 Acenaphthene-d10	164	7.184	7.184	0.000	95	4000849	8.00	8.00	
66 Acenaphthene	154	7.216	7.216	0.000	96	5628349	10.0	9.51	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.216	7.216	0.000	97	4690186	10.0	11.2	
67 2,4-Dinitrophenol	184	7.242	7.242	0.000	96	1360709	20.0	21.5	a
68 4-Nitrophenol	65	7.326	7.326	0.000	87	1727281	20.0	18.0	
69 2,4-Dinitrotoluene	165	7.367	7.367	0.000	97	1667406	10.0	10.9	
70 Dibenzofuran	168	7.380	7.380	0.000	96	8054484	10.0	10.3	e
71 2,3,4,6-Tetrachlorophenol	232	7.502	7.502	0.000	92	1327030	10.0	10.2	
72 Diethyl phthalate	149	7.611	7.611	0.000	98	5865145	10.0	9.43	
73 n-Octadecane	57	7.637	7.637	0.000	88	4327546	10.0	9.82	
74 Fluorene	166	7.704	7.704	0.000	95	6406817	10.0	9.96	
75 4-Chlorophenyl phenyl ether	204	7.707	7.707	0.000	88	2787471	10.0	10.2	
76 4-Nitroaniline	138	7.727	7.727	0.000	89	1422454	10.0	10.1	
77 4,6-Dinitro-2-methylphenol	198	7.756	7.756	0.000	89	1788805	20.0	21.2	
78 N-Nitrosodiphenylamine	169	7.820	7.820	0.000	75	4257578	10.0	9.91	
131 Azobenzene	77	7.858	7.858	0.000	96	6558957	10.0	9.65	
79 1,2-Diphenylhydrazine	77	7.858	7.858	0.000	50	6558957	10.0	9.69	
$ 80 2,4,6-Tribromophenol	330	7.932	7.932	0.000	92	1015588	10.0	9.85	
83 4-Bromophenyl phenyl ether	248	8.170	8.170	0.000	90	1583929	10.0	10.8	
84 Hexachlorobenzene	284	8.234	8.234	0.000	96	1925615	10.0	10.8	
85 Atrazine	200	8.330	8.330	0.000	92	556799	4.00	4.31	
86 Pentachlorophenol	266	8.420	8.420	0.000	95	2244632	20.0	22.1	
87 Pentachloronitrobenzene	237	8.433	8.433	0.000	89	434368	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.591	8.591	0.000	99	6189940	8.00	8.00	
89 Phenanthrene	178	8.613	8.613	0.000	98	7850884	10.0	10.2	e
90 Anthracene	178	8.658	8.658	0.000	98	8069992	10.0	10.3	e
91 Carbazole	167	8.816	8.816	0.000	95	7358628	10.0	10.4	
92 Di-n-butyl phthalate	149	9.156	9.156	0.000	99	8106796	10.0	10.6	e
93 Fluoranthene	202	9.738	9.738	0.000	97	7409484	10.0	10.7	
94 Benzidine	184	9.867	9.867	0.000	100	3294030	10.0	8.86	
95 Pyrene	202	9.951	9.951	0.000	96	7451800	10.0	9.63	
96 Bisphenol-A	213	10.012	10.012	0.000	98	2446097	10.0	10.8	
$ 97 Terphenyl-d14	244	10.108	10.108	0.000	98	5590069	10.0	8.80	
98 Butyl benzyl phthalate	149	10.611	10.611	0.000	97	3104895	10.0	9.53	
99 2,3,7,8-TCDD	320	10.704	10.704	0.000	91	9261	0.1000	0.1037	
100 Carbamazepine	193	10.721	10.721	0.000	93	2528673	10.0	11.6	
101 3,3'-Dichlorobenzidine	252	11.201	11.201	0.000	99	2551044	10.0	10.8	
102 Benzo[a]anthracene	228	11.223	11.223	0.000	99	6295164	10.0	10.5	
* 103 Chrysene-d12	240	11.236	11.236	0.000	98	3675148	8.00	8.00	
104 Chrysene	228	11.268	11.268	0.000	98	5835433	10.0	10.1	
105 Bis(2-ethylhexyl) phthalate	149	11.294	11.294	0.000	85	4680550	10.0	9.70	
106 Di-n-octyl phthalate	149	12.152	12.152	0.000	96	7442387	10.0	9.37	
107 Benzo[b]fluoranthene	252	12.640	12.640	0.000	98	5737122	10.0	10.7	
108 Benzo[k]fluoranthene	252	12.678	12.678	0.000	98	6041229	10.0	10.0	
109 Benzo[a]pyrene	252	13.098	13.098	0.000	97	5500278	10.0	10.9	
* 110 Perylene-d12	264	13.179	13.179	0.000	97	3829099	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.753	14.753	0.000	97	5634435	10.0	10.7	
112 Dibenz(a,h)anthracene	278	14.792	14.792	0.000	97	5591655	10.0	10.4	
113 Benzo[g,h,i]perylene	276	15.187	15.187	0.000	95	5506000	10.0	10.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

e - Potential Peak Saturated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL7_LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 04-Aug-2025 11:45:16 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351484.D

Injection Date: 01-Aug-2025 18:33:30 Instrument ID: CBNAMS17

Lims ID: CCVIS

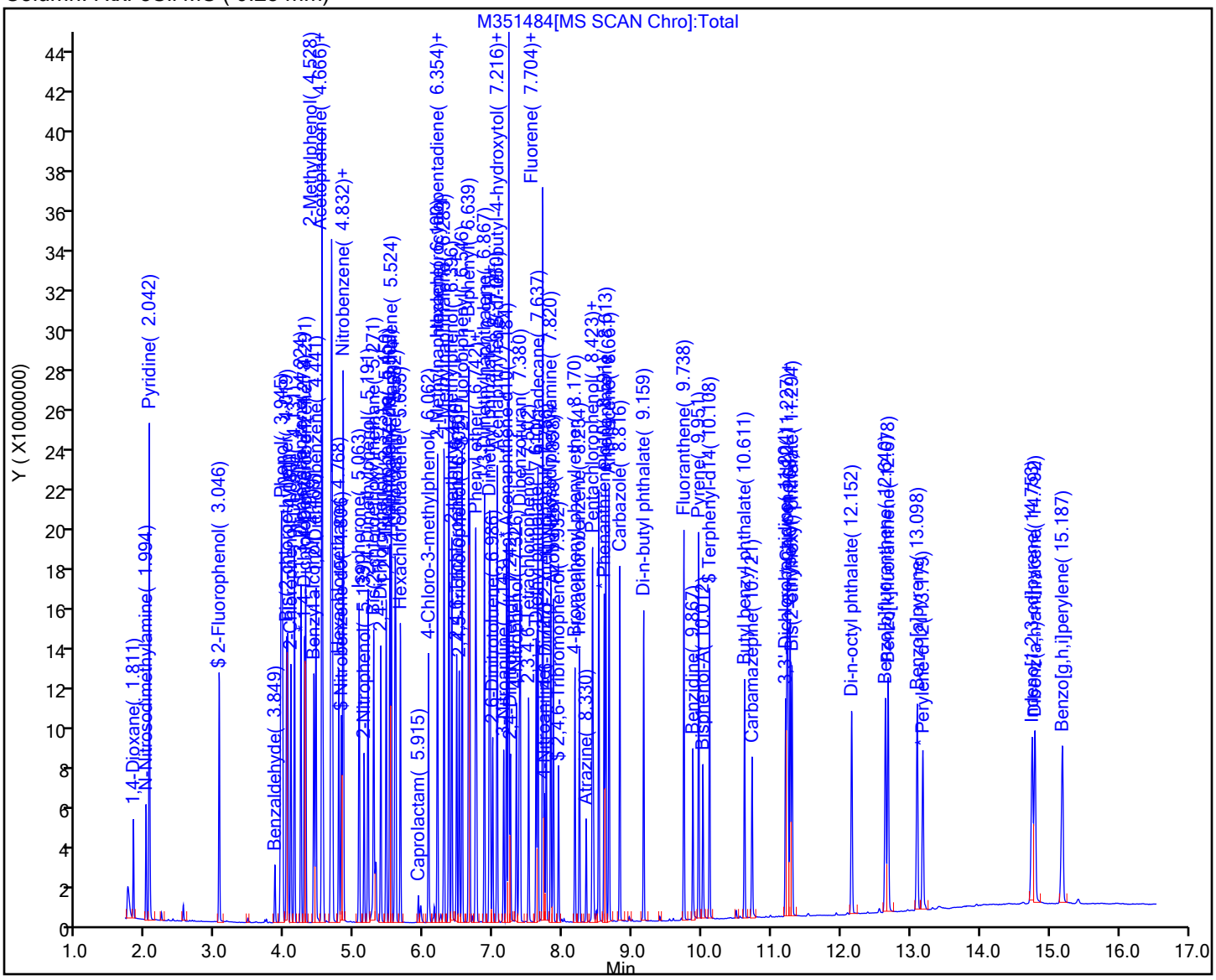
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

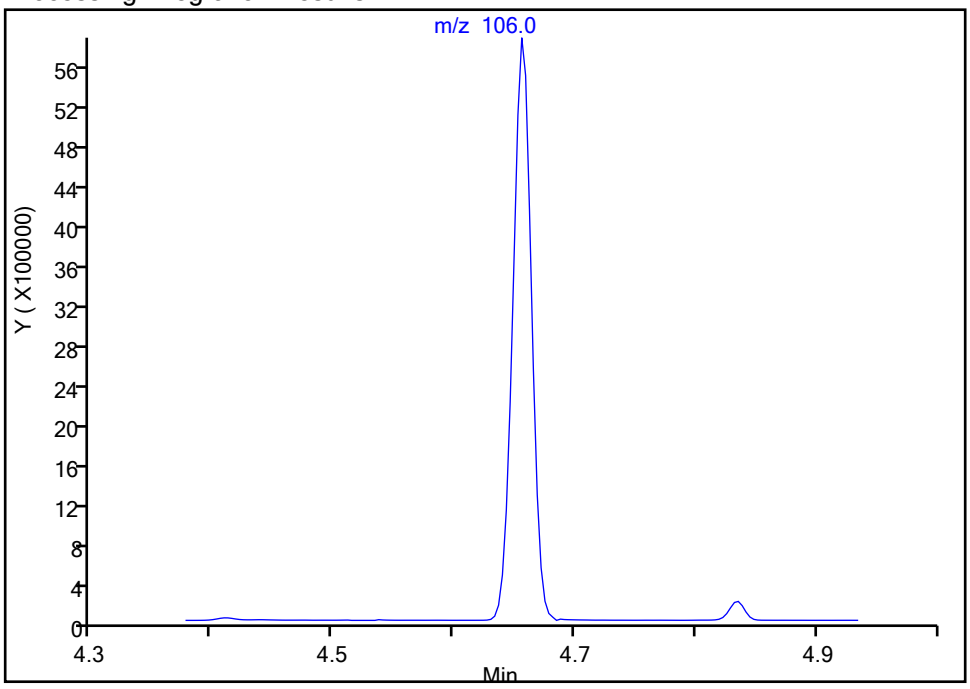
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351484.D
Injection Date: 01-Aug-2025 18:33:30 Instrument ID: CBNAMS17
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 N-Methylaniline, CAS: 100-61-8

Signal: 1

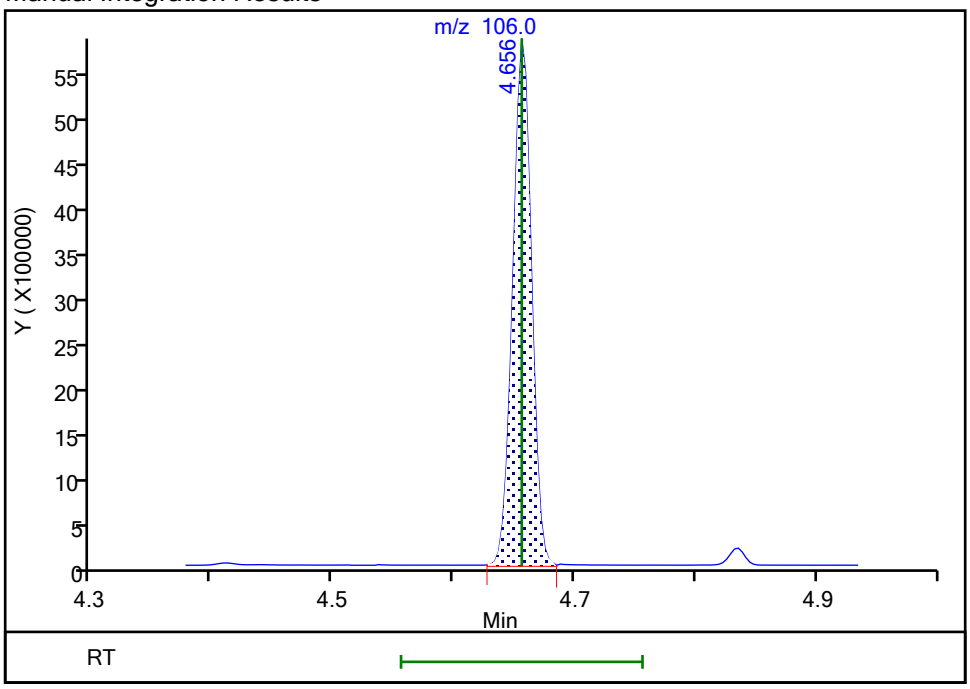
Not Detected
Expected RT: 4.66

Processing Integration Results



Manual Integration Results

RT: 4.66
Area: 6287023
Amount: 10.007386
Amount Units: ug/ml



Reviewer: U6BX, 01-Aug-2025 18:53:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

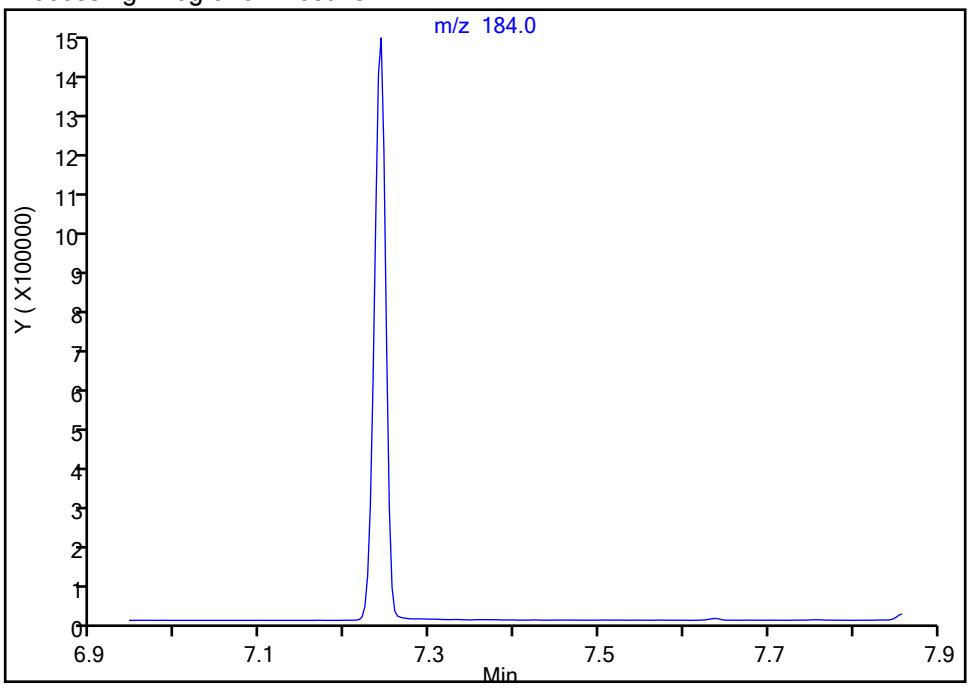
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351484.D				
Injection Date:	01-Aug-2025 18:33:30	Instrument ID:	CBNAMS17		
Lims ID:	CCVIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

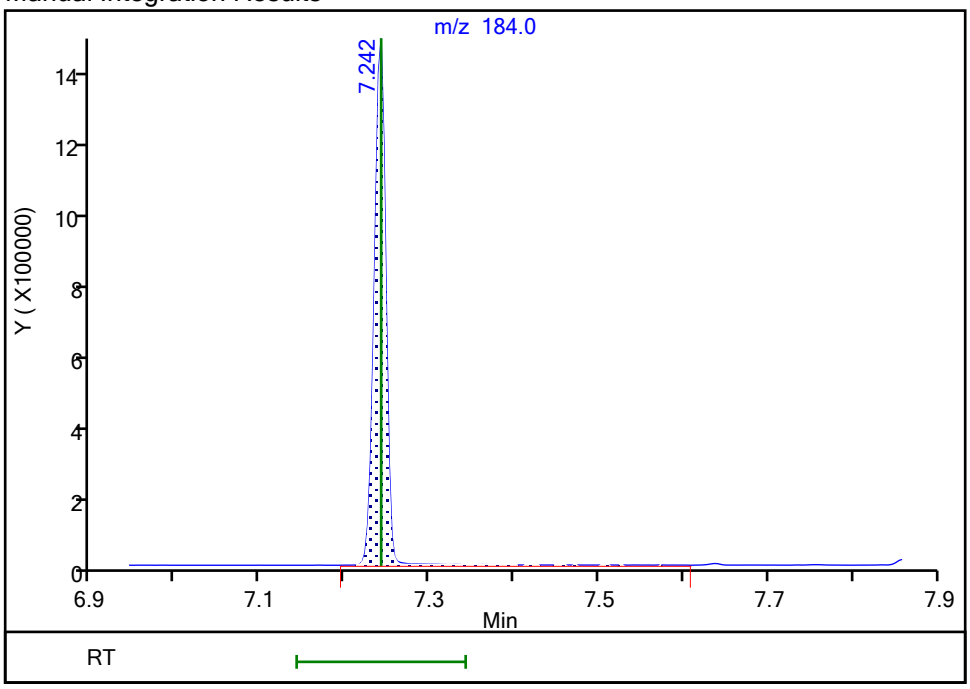
Not Detected
Expected RT: 7.24

Processing Integration Results



Manual Integration Results

RT: 7.24
Area: 1360709
Amount: 21.451728
Amount Units: ug/ml



Reviewer: U6BX, 01-Aug-2025 18:53:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351408.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 25-Jul-2025 05:53:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194054-001
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 25-Jul-2025 11:39:50 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: G4KC Date: 25-Jul-2025 11:39:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
18 Pentachlorophenol_T	266	4.434	4.434	0.000	91	739478	NR	NR	
43 Benzidine_T	184	5.682	5.682	0.000	100	5018076	NR	NR	
123 DFTPP									
124 4,4'-DDE	246	5.839	5.839	0.000	89	9018		NR	
125 4,4'-DDD	235	6.141	6.141	0.000	95	24297		NR	
126 4,4'-DDT	235	6.352	6.352	0.000	97	1790652	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

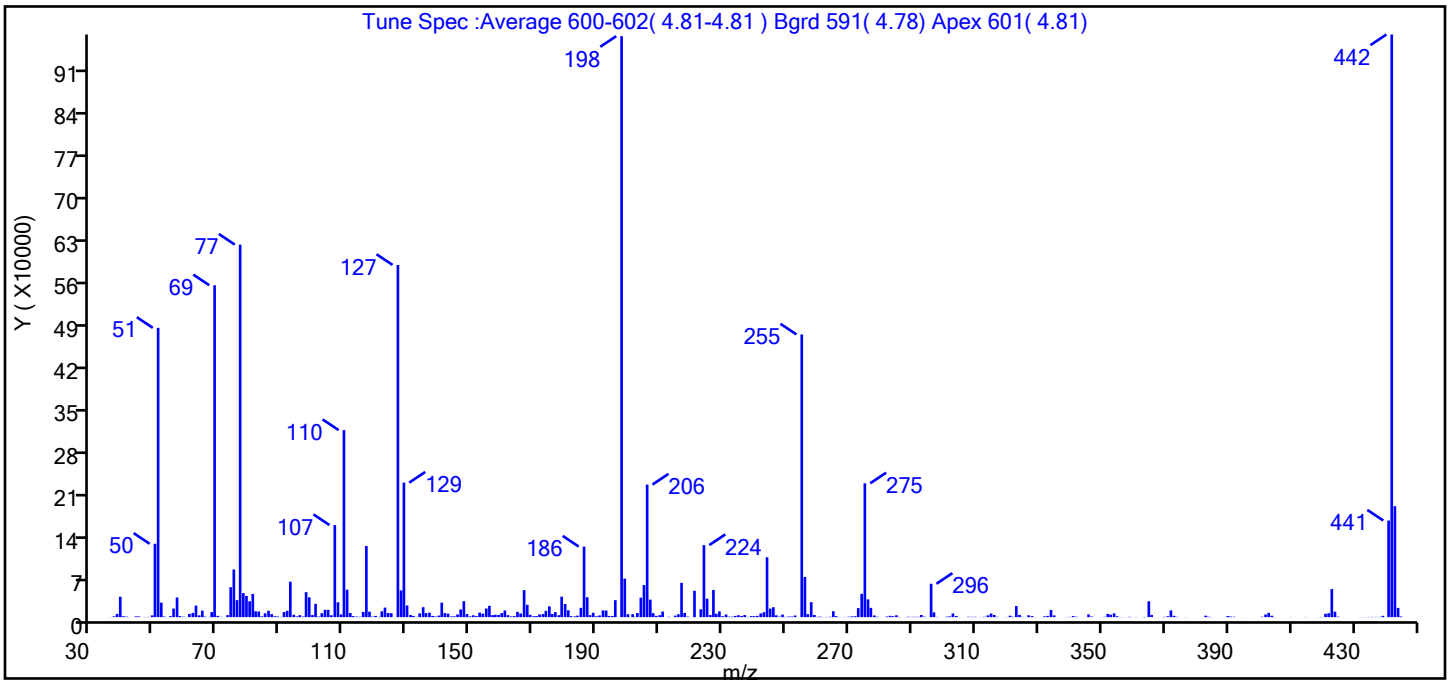
SMDFTP_CH_00037 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351408.D
Injection Date: 25-Jul-2025 05:53:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

123 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.9 (1.5)
69	Present	57.1
70	<2% of m/z 69	0.2 (0.4)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.6
365	>1% of m/z 198	2.7
441	<150% of m/z 443	16.6 (87.0)
442	Present	100.3
443	15-24% of m/z 442	19.1 (19.0)

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351408.D\8270LVI_17.rslt\spectra.d
Injection Date: 25-Jul-2025 05:53:30
Spectrum: Tune Spec :Average 600-602(4.81-4.81) Bgrd 591(4.78) Apex 601(4.81)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 347

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	95	124.00	6787	215.00	2519	310.00	621
36.00	173	125.00	6520	216.00	4726	312.00	309
37.00	1417	127.00	583104	217.00	56752	313.00	574
38.00	5388	128.00	44312	218.00	7004	314.00	2982
39.00	33848	129.00	222720	219.00	817	315.00	5972
40.00	1586	130.00	19312	221.00	43568	316.00	3575
41.00	843	131.00	3522	223.00	12989	317.00	543
42.00	163	132.00	2072	224.00	119288	319.00	56
43.00	58	133.00	476	225.00	30552	320.00	285
44.00	1281	134.00	6175	226.00	3458	321.00	2323
45.00	1217	135.00	16496	227.00	45008	322.00	672
47.00	329	136.00	6738	228.00	5528	323.00	18424
48.00	369	137.00	7448	229.00	9632	324.00	3755
49.00	2832	138.00	2061	230.00	1541	325.00	527
50.00	121448	139.00	1109	231.00	4394	326.00	124
51.00	478976	140.00	2587	232.00	856	327.00	3086
52.00	24000	141.00	23968	233.00	831	328.00	1752
53.00	1087	142.00	6732	234.00	2053	329.00	187
54.00	43	143.00	5672	235.00	3209	331.00	50
55.00	1699	144.00	1210	236.00	1789	332.00	1325
56.00	14205	145.00	1314	237.00	3539	333.00	2083
57.00	32584	146.00	4461	238.00	513	334.00	11910
58.00	1751	147.00	12715	239.00	1651	335.00	2831
59.00	748	148.00	26336	240.00	1617	339.00	333
60.00	310	149.00	5173	241.00	2167	340.00	379
61.00	5333	150.00	1293	242.00	6124	341.00	1823
62.00	7011	151.00	3066	243.00	8222	342.00	778
63.00	19080	152.00	1685	244.00	99152	346.00	4533
64.00	2951	153.00	7463	245.00	14167	347.00	1026
65.00	10773	154.00	5895	246.00	16472	350.00	194
66.00	896	155.00	14255	247.00	2998	351.00	585
67.00	338	156.00	18712	248.00	825	352.00	5408
68.00	8368	157.00	3421	249.00	4218	353.00	4076

Report Date: 25-Jul-2025 11:39:51 Chrom Revision: 2.3 17-Jul-2025 12:11:26
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351408.D\8270LVI_17.rslt\spectra.d
Injection Date: 25-Jul-2025 05:53:30
Spectrum: Tune Spec :Average 600-602(4.81-4.81) Bgrd 591(4.78) Apex 601(4.81)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 347

m/z	Y	m/z	Y	m/z	Y	m/z	Y
69.00	549504	158.00	3923	250.00	433	354.00	6171
70.00	2180	159.00	3712	251.00	1066	355.00	1409
71.00	526	160.00	6689	252.00	1026	356.00	213
73.00	3360	161.00	11114	253.00	2675	357.00	219
74.00	49560	162.00	3332	255.00	468032	358.00	120
75.00	78920	163.00	1120	256.00	66520	359.00	535
76.00	28144	164.00	1720	257.00	4977	360.00	90
77.00	616768	165.00	8811	258.00	24816	361.00	299
78.00	39760	166.00	6084	259.00	3576	364.00	295
79.00	35144	167.00	44688	260.00	575	364.00	203
80.00	26320	168.00	20392	261.00	839	365.00	26240
81.00	38472	169.00	3794	262.00	184	366.00	3734
82.00	9632	170.00	1460	263.00	354	370.00	530
83.00	9369	171.00	1757	264.00	640	371.00	1460
84.00	1336	172.00	4429	265.00	9764	372.00	11205
85.00	6436	173.00	5130	266.00	1651	373.00	2161
86.00	10536	174.00	10422	267.00	323	374.00	554
87.00	4950	175.00	17936	268.00	17	377.00	232
88.00	1460	176.00	5226	269.00	341	383.00	2439
89.00	1101	177.00	8315	270.00	681	384.00	817
90.00	363	178.00	3194	271.00	1242	385.00	323
91.00	8533	179.00	33856	272.00	1544	390.00	1785
92.00	10501	180.00	21808	273.00	14975	391.00	1106
93.00	58688	181.00	11360	274.00	38632	392.00	673
94.00	3896	182.00	1600	275.00	221568	395.00	125
95.00	1165	183.00	1294	276.00	29432	401.00	723
96.00	3207	184.00	2550	277.00	15379	402.00	4294
97.00	1009	185.00	15414	278.00	2773	403.00	7031
98.00	41376	186.00	116816	279.00	680	404.00	2349
99.00	32816	187.00	32952	280.00	60	405.00	266
100.00	3446	188.00	3306	281.00	10	410.00	150
101.00	22096	189.00	7309	282.00	1098	415.00	333
102.00	984	190.00	1417	283.00	2227	419.00	162
103.00	6447	191.00	2796	284.00	1600	420.00	337

Report Date: 25-Jul-2025 11:39:51 Chrom Revision: 2.3 17-Jul-2025 12:11:26
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351408.D\8270LVI_17.rslt\spectra.d
Injection Date: 25-Jul-2025 05:53:30
Spectrum: Tune Spec :Average 600-602(4.81-4.81) Bgrd 591(4.78) Apex 601(4.81)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 347

m/z	Y	m/z	Y	m/z	Y	m/z	Y
104.00	12129	192.00	11159	285.00	3075	421.00	5539
105.00	12077	193.00	10868	286.00	377	422.00	6512
106.00	3089	194.00	2056	288.00	258	423.00	46520
107.00	152448	195.00	1864	289.00	706	424.00	9031
108.00	24632	196.00	28128	290.00	458	425.00	835
109.00	4504	198.00	961920	291.00	543	432.00	73
110.00	309696	199.00	63736	292.00	608	432.00	117
111.00	45464	200.00	4999	293.00	3570	433.00	251
112.00	6780	201.00	4889	294.00	841	435.00	231
113.00	1737	202.00	556	296.00	55264	435.00	123
114.00	948	203.00	6793	297.00	7883	436.00	485
115.00	697	204.00	32168	298.00	403	437.00	429
116.00	8683	205.00	53184	299.00	58	438.00	486
117.00	117848	206.00	219520	301.00	841	439.00	2181
118.00	9059	207.00	28944	302.00	1232	441.00	159936
119.00	782	208.00	6576	303.00	6064	442.00	964672
120.00	1997	209.00	2149	304.00	1923	443.00	183744
121.00	475	210.00	3234	305.00	201	444.00	15312
122.00	9651	211.00	9266	308.00	618	445.00	1168
123.00	15782	213.00	559	309.00	572		

Report Date: 25-Jul-2025 11:39:51 Chrom Revision: 2.3 17-Jul-2025 12:11:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351408.D

Injection Date: 25-Jul-2025 05:53:30 Instrument ID: CBNAMS17

Lims ID: DFTPP

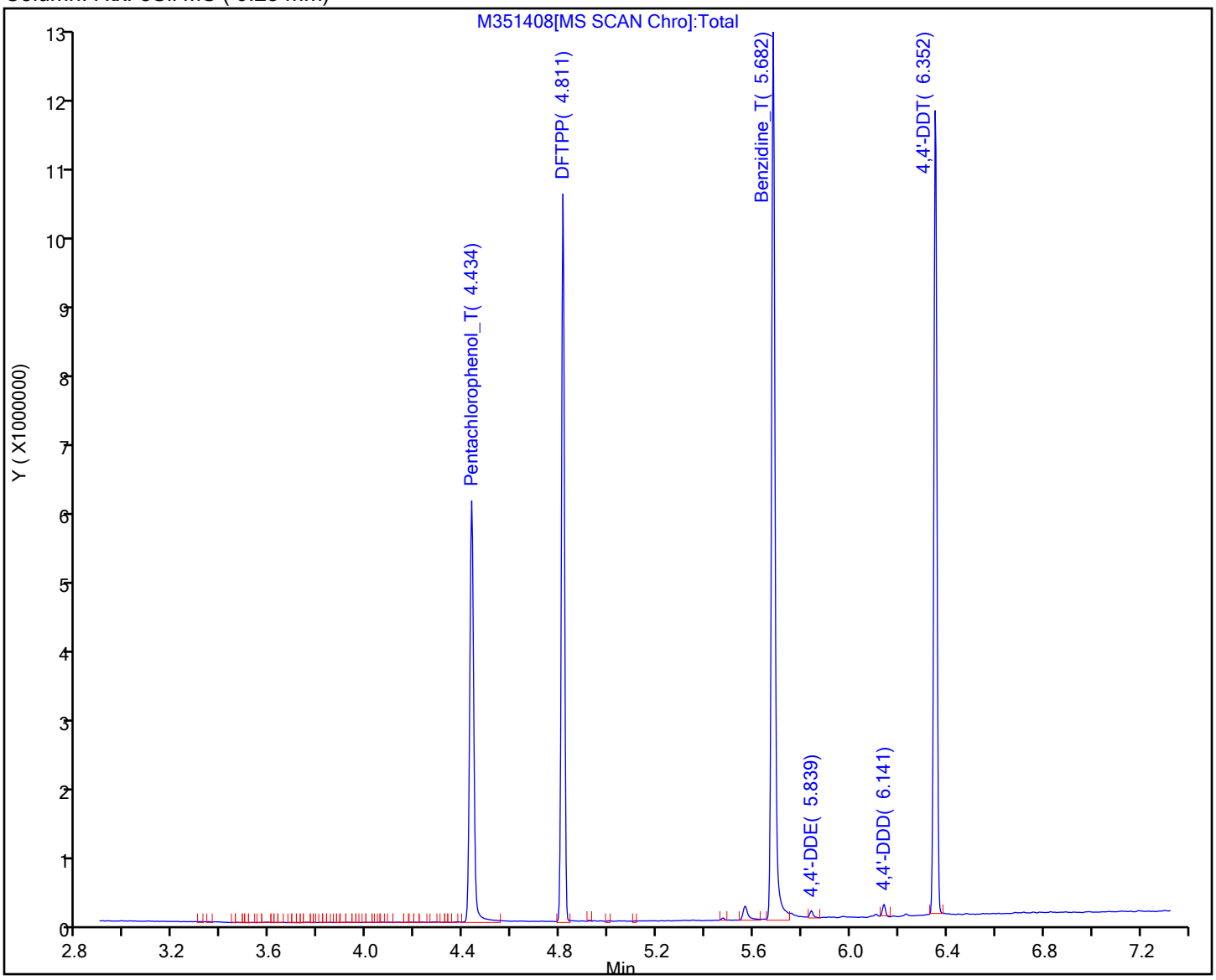
Client ID:

Operator ID: ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351408.D
Injection Date: 25-Jul-2025 05:53:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

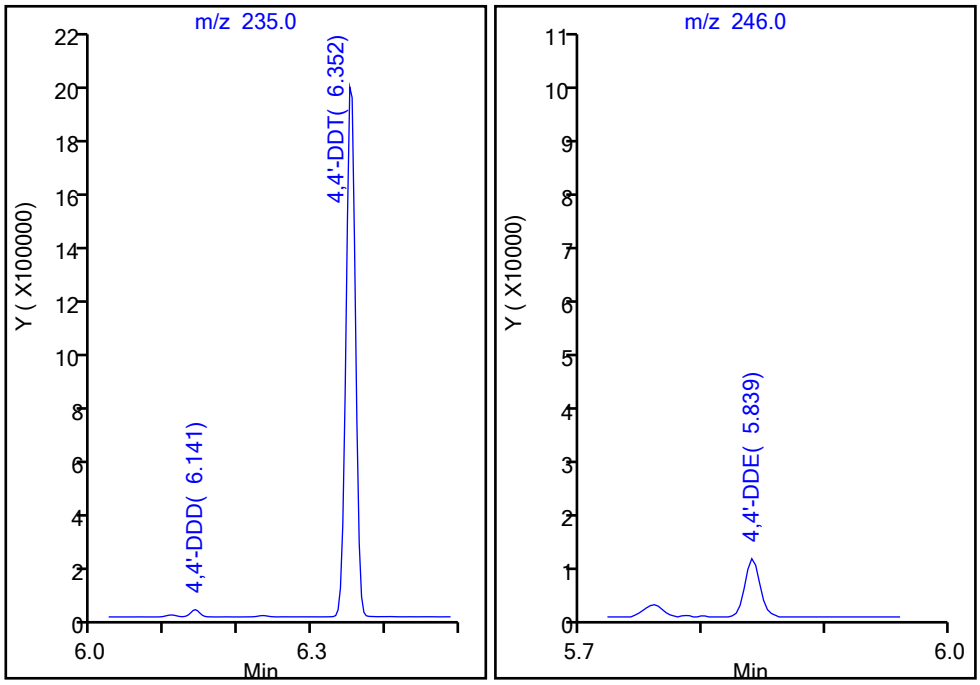
126 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

126 4,4'-DDT, Area = 1790652
125 4,4'-DDD, Area = 24297
124 4,4'-DDE, Area = 9018

%Breakdown: 1.83%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

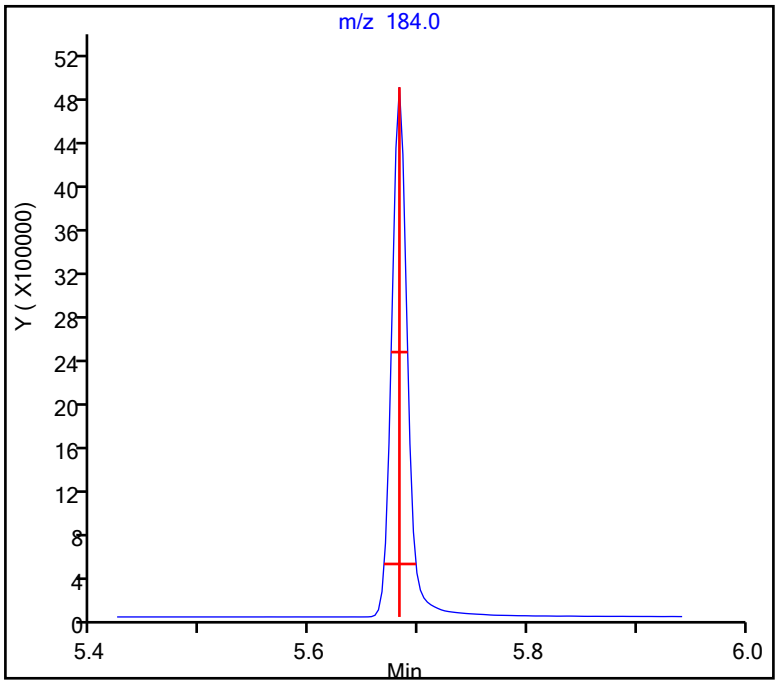
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351408.D
Injection Date: 25-Jul-2025 05:53:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.07, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

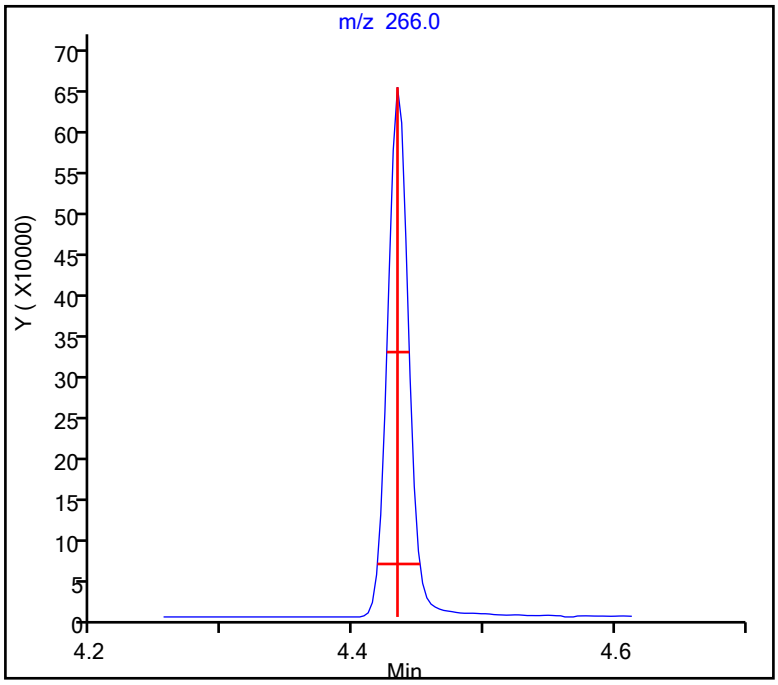
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351408.D
Injection Date: 25-Jul-2025 05:53:30 Instrument ID: CBNAMS17
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL

18 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.13, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1053256/1-A

Matrix: Water | Lab File ID: M351488.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/01/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 22:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053358 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	10	U	10	0.53
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	0.82
120-12-7	Anthracene	10	U	10	1.3
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.59
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	2.0	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.70
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.67
218-01-9	Chrysene	2.0	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.72
206-44-0	Fluoranthene	10	U	10	0.84
86-73-7	Fluorene	10	U	10	0.91
193-39-5	Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94
91-20-3	Naphthalene	2.0	U	2.0	0.54
85-01-8	Phenanthrene	10	U	10	1.3
129-00-0	Pyrene	10	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	87		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	98		39-145
1718-51-0	Terphenyl-d14 (Surr)	74		10-133

Report Date: 04-Aug-2025 11:49:53 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351488.D
Lims ID: MB 460-1053256/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Aug-2025 22:33:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-006
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 11:45:15 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 22:56:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.055	3.046	0.009	98	2736110	10.0	6.45	
$ 6 Phenol-d5	99	3.922	3.932	-0.010	0	2637768	10.0	4.87	
* 15 1,4-Dichlorobenzene-d4	152	4.274	4.275	-0.001	96	2203566	8.00	8.00	
12 2-Toluidine	107	4.277	4.261	-0.002	32	742		NC	
$ 28 Nitrobenzene-d5	82	4.801	4.806	-0.005	85	4155436	10.0	9.76	
* 38 Naphthalene-d8	136	5.499	5.502	-0.003	99	8521554	8.00	8.00	e
$ 53 2-Fluorobiphenyl	172	6.541	6.546	-0.005	97	7664362	10.0	8.68	e
* 64 Acenaphthene-d10	164	7.178	7.184	-0.006	95	4522669	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	7.927	7.932	-0.005	92	1291868	10.0	11.1	
81 1-Naphthylamine	143	8.186	8.186	-0.012	33	250		NC	
82 2-Naphthylamine	143	8.583	8.529	0.042	41	1954		NC	
* 88 Phenanthrene-d10	188	8.583	8.591	-0.008	99	7252205	8.00	8.00	
$ 97 Terphenyl-d14	244	10.102	10.108	-0.006	98	5031346	10.0	7.42	
* 103 Chrysene-d12	240	11.226	11.236	-0.010	99	3925782	8.00	8.00	
* 110 Perylene-d12	264	13.170	13.179	-0.009	98	3996776	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated
e - Potential Peak Saturated

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Aug-2025 11:49:53 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351488.D

Injection Date: 01-Aug-2025 22:33:30 Instrument ID: CBNAMS17

Lims ID: MB 460-1053256/1-A

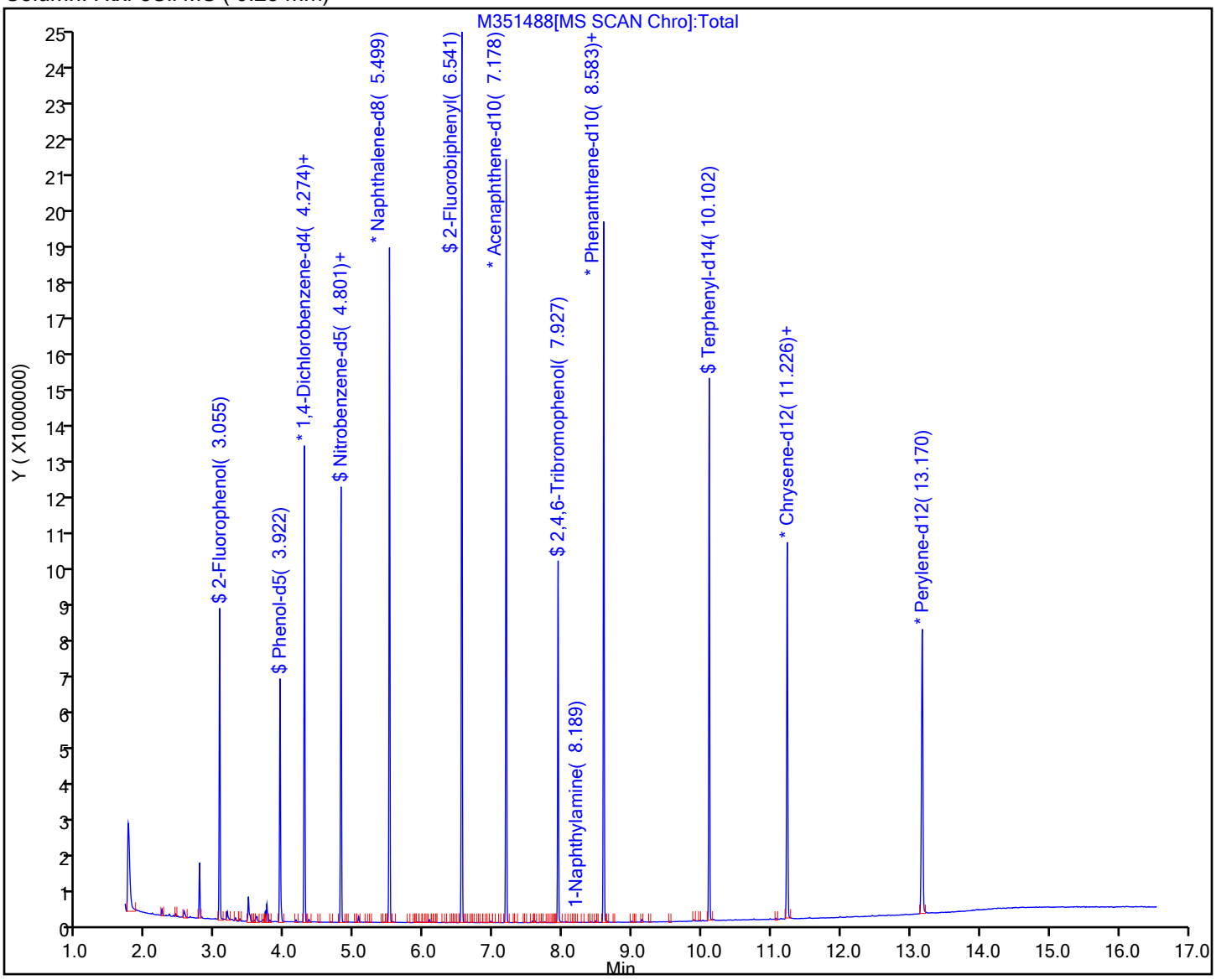
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 04-Aug-2025 11:49:53 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351488.D
Lims ID: MB 460-1053256/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Aug-2025 22:33:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-006
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 11:45:15 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 22:56:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	6.45	64.47
$ 6 Phenol-d5	10.0	4.87	48.71
$ 28 Nitrobenzene-d5	10.0	9.76	97.58
$ 53 2-Fluorobiphenyl	10.0	8.68	86.82
$ 80 2,4,6-Tribromophenol	10.0	11.1	110.83
$ 97 Terphenyl-d14	10.0	7.42	74.17

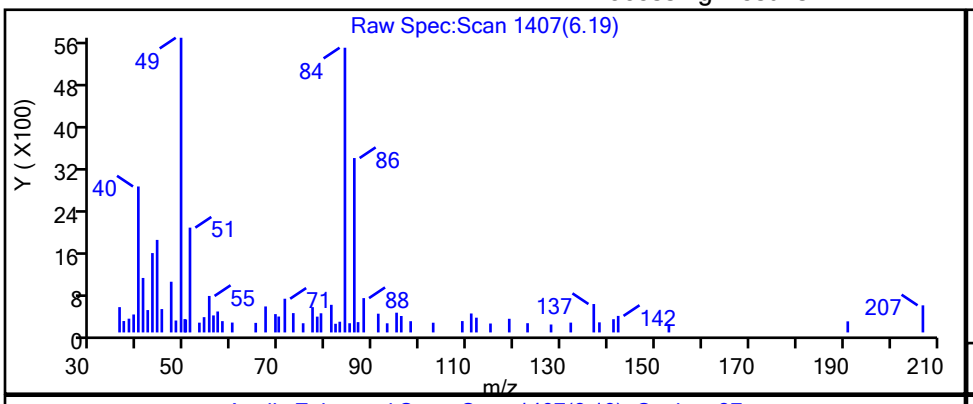
User Disabled Compound Report

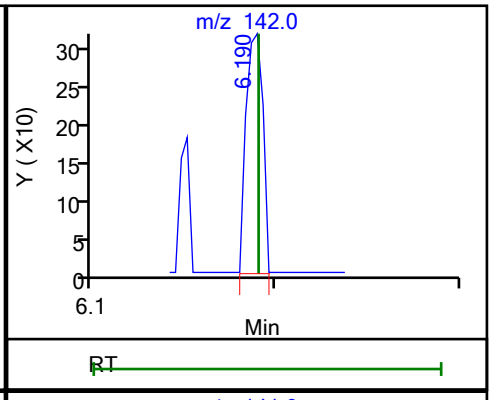
Eurofins Edison

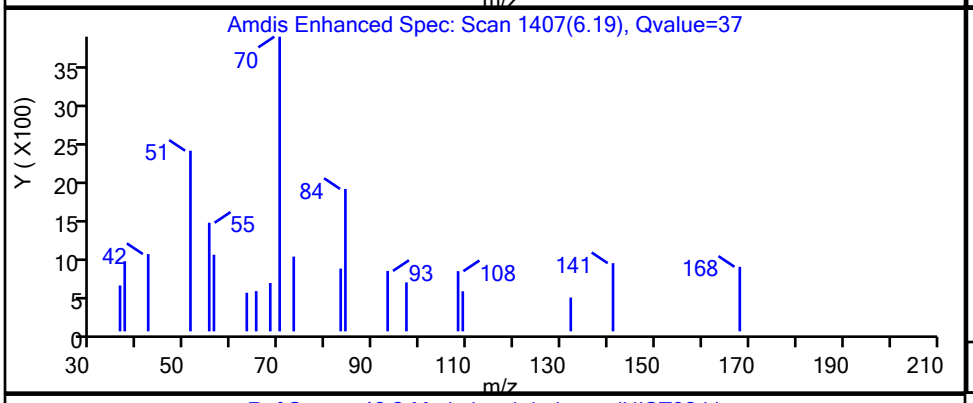
Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351488.D				
Injection Date:	01-Aug-2025 22:33:30	Instrument ID:	CBNAMS17		
Lims ID:	MB 460-1053256/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

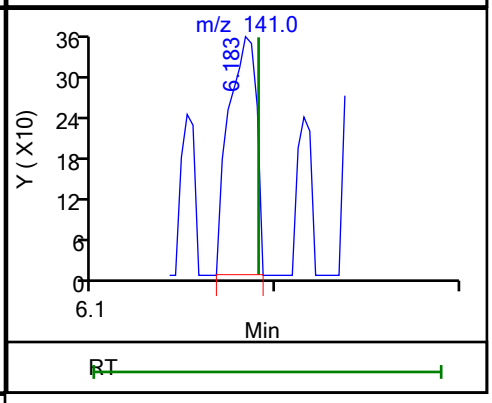
46 2-Methylnaphthalene, CAS: 91-57-6

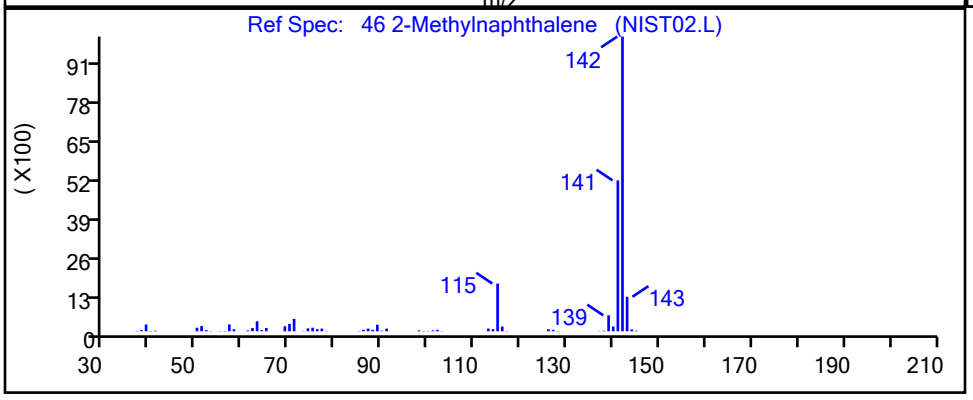
Processing Results











RT	Mass	Response	Amount
6.19	142.00	201	0.000322
6.18	141.00	376	

Reviewer: U6BX, 01-Aug-2025 22:55:53 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

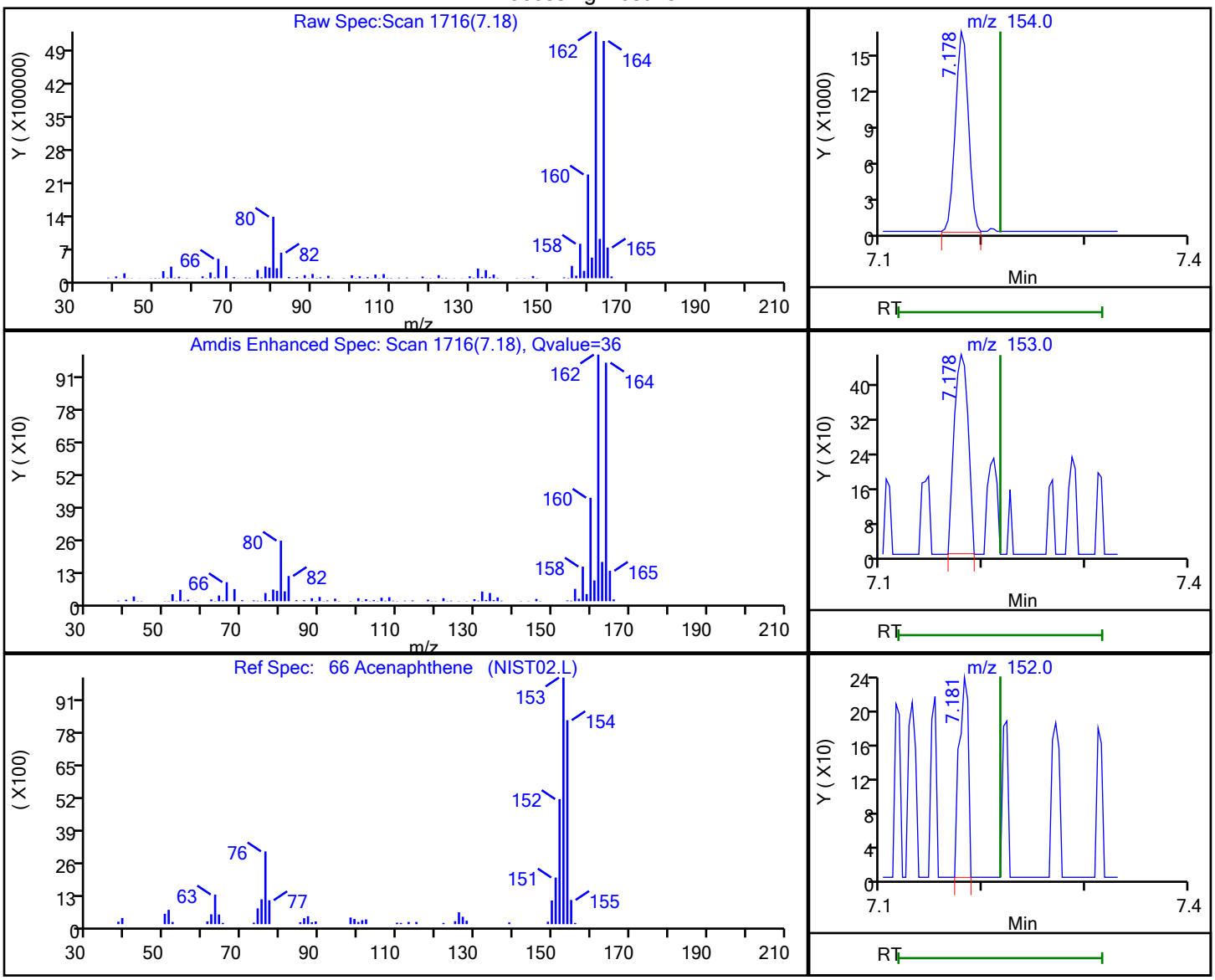
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351488.D				
Injection Date:	01-Aug-2025 22:33:30	Instrument ID:	CBNAMS17		
Lims ID:	MB 460-1053256/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.18	154.00	14622	0.021856
7.18	153.00	446	
7.18	152.00	146	

Reviewer: U6BX, 02-Aug-2025 12:42:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

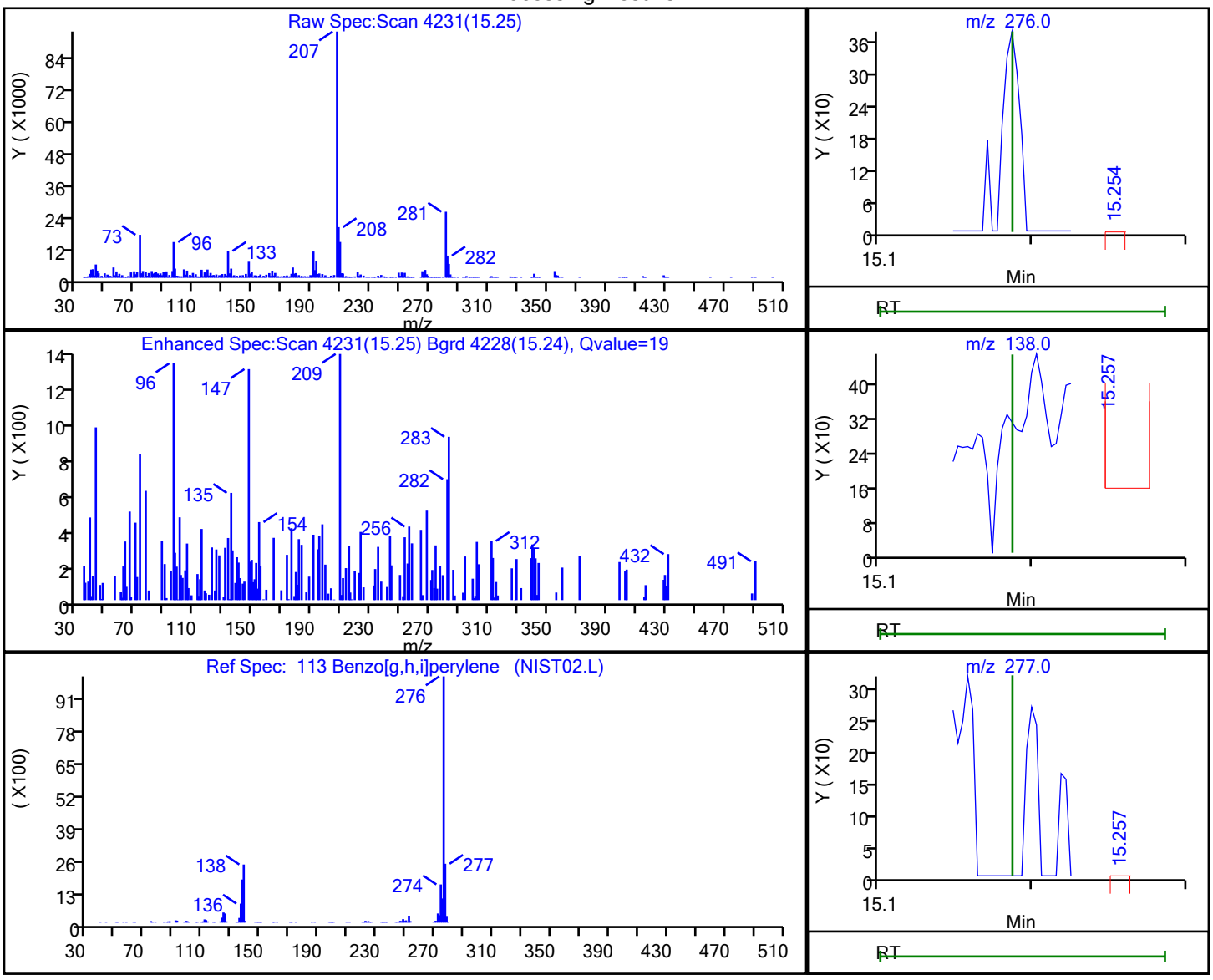
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351488.D				
Injection Date:	01-Aug-2025 22:33:30	Instrument ID:	CBNAMS17		
Lims ID:	MB 460-1053256/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_17	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

113 Benzo[g,h,i]perylene, CAS: 191-24-2

Processing Results



RT	Mass	Response	Amount
15.25	276.00	182	0.012984
15.26	138.00	267	
15.26	277.00	157	

Reviewer: U6BX, 01-Aug-2025 22:56:08 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

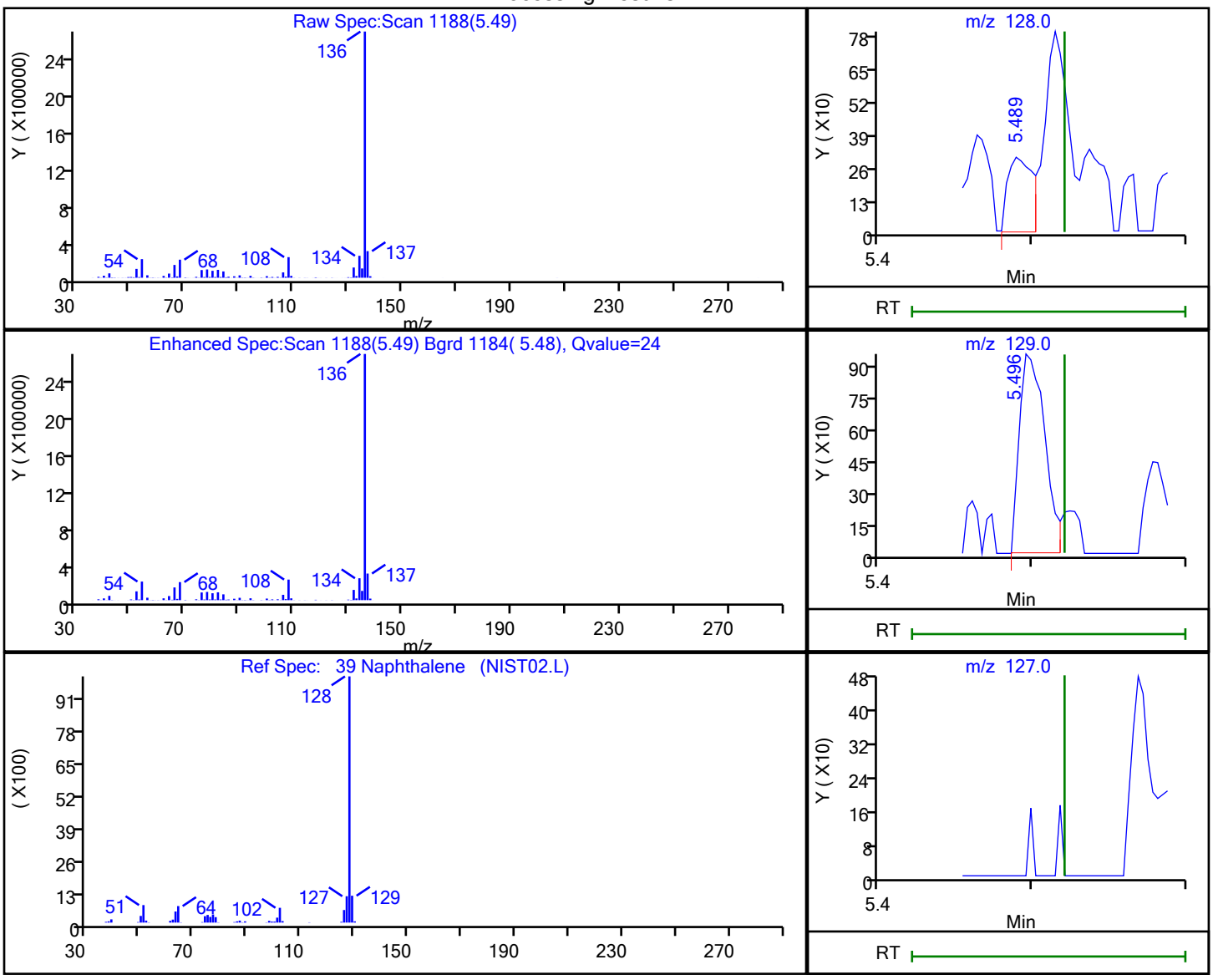
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351488.D
Injection Date: 01-Aug-2025 22:33:30 Instrument ID: CBNAMS17
Lims ID: MB 460-1053256/1-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

39 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
5.49	128.00	335	0.000325
5.50	129.00	1115	
5.52	127.00	0	

Reviewer: U6BX, 01-Aug-2025 22:55:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1053256/2-A

Matrix: Water | Lab File ID: M351486.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/01/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 19:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053358 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	56.6		10	0.53
83-32-9	Acenaphthene	50.0		10	1.1
208-96-8	Acenaphthylene	58.8		10	0.82
120-12-7	Anthracene	59.9		10	1.3
56-55-3	Benzo[a]anthracene	57.3		1.0	0.59
50-32-8	Benzo[a]pyrene	57.7		1.0	0.41
205-99-2	Benzo[b]fluoranthene	56.6		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	53.5		10	0.70
207-08-9	Benzo[k]fluoranthene	54.6		1.0	0.67
218-01-9	Chrysene	55.6		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	56.6		1.0	0.72
206-44-0	Fluoranthene	60.7		10	0.84
86-73-7	Fluorene	55.1		10	0.91
193-39-5	Indeno[1,2,3-cd]pyrene	58.4		2.0	0.94
91-20-3	Naphthalene	56.3		2.0	0.54
85-01-8	Phenanthrene	59.1		10	1.3
129-00-0	Pyrene	53.5		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	56		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	58		39-145
1718-51-0	Terphenyl-d14 (Surr)	51		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351486.D
Lims ID: LCS 460-1053256/2-A
Client ID:
Sample Type: LCS
Inject. Date: 01-Aug-2025 19:19:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-004
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 11:45:15 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 11:46:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.808	1.811	-0.003	92	460535	10.0	3.01	
2 N-Nitrosodimethylamine	74	1.991	1.994	-0.003	99	786935	10.0	3.30	
3 Pyridine	79	2.039	2.038	0.001	98	2783903	20.0	8.05	
$ 4 2-Fluorophenol	112	3.043	3.046	-0.003	98	895683	10.0	2.41	
5 Benzaldehyde	77	3.850	3.849	0.001	97	3879498	5.00	12.8	E
$ 6 Phenol-d5	99	3.923	3.932	-0.009	0	673511	10.0	1.42	
7 Phenol	94	3.936	3.945	-0.009	95	950380	10.0	2.14	
8 Aniline	93	3.952	3.958	-0.006	96	2904695	10.0	5.29	
9 Bis(2-chloroethyl)ether	93	4.010	4.016	-0.006	98	2335610	10.0	6.61	
10 Benzonitrile	103	4.023	4.032	-0.009	97	4759485	NC	NC	
11 2-Chlorophenol	128	4.074	4.080	-0.006	98	1777291	10.0	5.20	
13 n-Decane	43	4.128	4.131	-0.003	87	1652882	10.0	5.12	
14 1,3-Dichlorobenzene	146	4.221	4.224	-0.003	97	2253631	10.0	5.96	
* 15 1,4-Dichlorobenzene-d4	152	4.272	4.275	-0.003	95	1931839	8.00	8.00	
16 1,4-Dichlorobenzene	146	4.288	4.291	-0.003	96	2281375	10.0	5.91	
17 Benzyl alcohol	108	4.404	4.413	-0.009	96	1133537	10.0	5.35	
19 1,2-Dichlorobenzene	146	4.436	4.441	-0.005	97	2237748	10.0	6.25	
20 2-Methylphenol	108	4.522	4.528	-0.006	88	1334219	10.0	4.26	
21 2,2'-oxybis[1-chloropropane]	45	4.535	4.541	-0.006	96	2557122	10.0	6.26	
24 N-Methylaniline	106	4.650	4.656	-0.006	97	2635334	10.0	5.03	
26 Acetophenone	105	4.656	4.666	-0.010	93	3274059	10.0	6.86	
25 N-Nitrosodi-n-propylamine	70	4.663	4.669	-0.006	82	1596571	10.0	6.84	
23 3 & 4 Methylphenol	108	4.669	4.678	-0.009	0	1333521	10.0	3.87	
22 4-Methylphenol	108	4.669	4.678	-0.009	97	1332389	10.0	3.91	
27 Hexachloroethane	117	4.765	4.768	-0.003	96	849197	10.0	5.84	
$ 28 Nitrobenzene-d5	82	4.801	4.806	-0.005	85	2192368	10.0	5.77	
29 Nitrobenzene	123	4.820	4.826	-0.006	98	1164085	10.0	7.21	
30 n,n'-Dimethylaniline	120	4.829	4.835	-0.006	97	3739444	10.0	7.46	
31 Isophorone	82	5.057	5.063	-0.006	98	4466070	10.0	7.00	
32 2-Nitrophenol	139	5.130	5.133	-0.003	97	1055395	10.0	7.08	
33 2,4-Dimethylphenol	122	5.185	5.191	-0.006	93	1642755	10.0	5.62	
35 Bis(2-chloroethoxy)methane	93	5.268	5.271	-0.003	97	2829635	10.0	6.83	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Benzoic acid	122	5.242	5.303	-0.061	86	180772	10.0	1.69	a
36 2,4-Dichlorophenol	162	5.371	5.373	-0.002	98	1572136	10.0	6.32	
37 1,2,4-Trichlorobenzene	180	5.447	5.454	-0.007	94	1767026	10.0	6.49	
* 38 Naphthalene-d8	136	5.499	5.502	-0.003	99	7603323	8.00	8.00	
39 Naphthalene	128	5.521	5.521	0.000	99	6473157	10.0	7.04	
40 4-Chloroaniline	127	5.572	5.578	-0.006	98	2728195	10.0	6.99	
41 2,6-Dichlorophenol	162	5.585	5.591	-0.006	99	1560604	10.0	6.53	
42 Hexachlorobutadiene	225	5.652	5.655	-0.003	96	901963	10.0	6.71	
44 Caprolactam	55	5.896	5.915	-0.019	93	338693	5.00	3.22	
45 4-Chloro-3-methylphenol	107	6.056	6.062	-0.006	96	1477005	10.0	5.84	
46 2-Methylnaphthalene	142	6.187	6.190	-0.003	85	3942793	10.0	7.08	
47 1-Methylnaphthalene	142	6.280	6.283	-0.003	93	3952535	10.0	6.87	
48 Hexachlorocyclopentadiene	237	6.351	6.354	-0.003	98	1134629	10.0	6.40	
49 1,2,4,5-Tetrachlorobenzene	216	6.351	6.357	-0.006	96	1698691	10.0	6.54	
50 2-tertbutyl-4-methylphenol	149	6.393	6.396	-0.003	91	2581716	10.0	7.45	
51 2,4,6-Trichlorophenol	196	6.463	6.466	-0.003	90	1099746	10.0	6.59	
52 2,4,5-Trichlorophenol	196	6.498	6.505	-0.007	97	1180007	10.0	6.68	
$ 53 2-Fluorobiphenyl	172	6.540	6.546	-0.006	97	4141920	10.0	5.59	
54 1,1'-Biphenyl	154	6.636	6.636	0.000	95	5009865	10.0	6.79	
55 2-Chloronaphthalene	162	6.649	6.655	-0.006	98	3781492	10.0	6.63	
56 Phenyl ether	170	6.739	6.742	-0.003	87	2593517	10.0	6.65	
57 2-Nitroaniline	65	6.748	6.751	-0.003	97	1194618	10.0	6.62	
58 1,3-Dimethylnaphthalene	156	6.864	6.867	-0.003	91	2872619	10.0	7.11	
59 Dimethyl phthalate	163	6.931	6.937	-0.006	99	4099219	10.0	7.07	
60 Coumarin	146	6.941	6.947	-0.006	82	1426215	10.0	7.31	
61 2,6-Dinitrotoluene	165	6.979	6.986	-0.007	96	900701	10.0	7.72	
62 Acenaphthylene	152	7.043	7.046	-0.003	97	6460330	10.0	7.35	
63 3-Nitroaniline	138	7.140	7.143	-0.003	97	1021317	10.0	7.11	
* 64 Acenaphthene-d10	164	7.181	7.184	-0.003	95	3798394	8.00	8.00	
66 Acenaphthene	154	7.210	7.216	-0.006	96	3510448	10.0	6.25	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.213	7.216	-0.003	96	2782490	10.0	7.02	
67 2,4-Dinitrophenol	184	7.236	7.242	-0.006	95	837203	20.0	14.6	a
68 4-Nitrophenol	65	7.316	7.326	-0.010	88	327156	20.0	3.59	
69 2,4-Dinitrotoluene	165	7.361	7.367	-0.006	97	1159471	10.0	8.02	
70 Dibenzofuran	168	7.377	7.380	-0.003	97	5246335	10.0	7.04	
71 2,3,4,6-Tetrachlorophenol	232	7.499	7.502	-0.003	93	866431	10.0	7.04	
72 Diethyl phthalate	149	7.605	7.611	-0.006	98	4056890	10.0	6.87	
73 n-Octadecane	57	7.634	7.637	-0.003	88	2677642	10.0	6.43	
74 Fluorene	166	7.701	7.704	-0.003	94	4210237	10.0	6.89	
75 4-Chlorophenyl phenyl ether	204	7.704	7.707	-0.003	88	1807884	10.0	6.95	
76 4-Nitroaniline	138	7.717	7.727	-0.010	92	965683	10.0	7.19	
77 4,6-Dinitro-2-methylphenol	198	7.749	7.756	-0.007	91	1158634	20.0	14.9	
78 N-Nitrosodiphenylamine	169	7.816	7.820	-0.004	80	2892085	10.0	7.13	
131 Azobenzene	77	7.855	7.858	-0.003	96	4267391	10.0	6.65	
79 1,2-Diphenylhydrazine	77	7.855	7.858	-0.003	51	4266711	10.0	6.68	
$ 80 2,4,6-Tribromophenol	330	7.929	7.932	-0.003	91	636068	10.0	6.50	
83 4-Bromophenyl phenyl ether	248	8.166	8.170	-0.004	90	1045727	10.0	7.53	
84 Hexachlorobenzene	284	8.230	8.234	-0.004	96	1292779	10.0	7.70	
85 Atrazine	200	8.333	8.330	0.003	93	1902752	5.00	15.6	E
86 Pentachlorophenol	266	8.416	8.420	-0.004	95	1413646	20.0	14.7	
87 Pentachloronitrobenzene	237	8.433	8.433	0.000	89	353482	10.0	8.96	
* 88 Phenanthrene-d10	188	8.587	8.591	-0.004	99	5847317	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.609	8.613	-0.004	98	5372326	10.0	7.39	
90 Anthracene	178	8.657	8.658	-0.001	98	5532618	10.0	7.49	
91 Carbazole	167	8.811	8.816	-0.005	95	5040154	10.0	7.51	
92 Di-n-butyl phthalate	149	9.155	9.156	-0.001	99	6120124	10.0	8.46	
93 Fluoranthene	202	9.733	9.738	-0.005	97	4954061	10.0	7.58	
94 Benzidine	184	9.862	9.867	-0.005	100	1951644	10.0	5.84	
95 Pyrene	202	9.945	9.951	-0.006	96	4989641	10.0	6.69	
96 Bisphenol-A	213	10.006	10.012	-0.006	98	671703	5.00	3.08	
$ 97 Terphenyl-d14	244	10.103	10.108	-0.005	98	3134939	10.0	5.12	
98 Butyl benzyl phthalate	149	10.605	10.611	-0.006	97	2191623	10.0	7.14	
100 Carbamazepine	193	10.714	10.721	-0.007	93	1693541	10.0	8.39	
101 3,3'-Dichlorobenzidine	252	11.197	11.201	-0.004	99	1626994	10.0	7.37	
102 Benzo[a]anthracene	228	11.216	11.223	-0.007	99	4126143	10.0	7.16	
* 103 Chrysene-d12	240	11.229	11.236	-0.007	99	3542236	8.00	8.00	
104 Chrysene	228	11.261	11.268	-0.007	98	3863487	10.0	6.95	
105 Bis(2-ethylhexyl) phthalate	149	11.290	11.294	-0.004	85	3150012	10.0	6.98	
106 Di-n-octyl phthalate	149	12.147	12.152	-0.005	96	5040430	10.0	6.76	
107 Benzo[b]fluoranthene	252	12.634	12.640	-0.006	98	3643582	10.0	7.07	
108 Benzo[k]fluoranthene	252	12.672	12.678	-0.006	98	3950738	10.0	6.82	
109 Benzo[a]pyrene	252	13.088	13.098	-0.010	98	3499826	10.0	7.21	
* 110 Perylene-d12	264	13.172	13.179	-0.007	99	3684228	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.740	14.753	-0.013	98	3545407	10.0	7.30	
112 Dibenz(a,h)anthracene	278	14.782	14.792	-0.010	97	3522822	10.0	7.08	
113 Benzo[g,h,i]perylene	276	15.173	15.187	-0.014	95	3269348	10.0	6.68	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Aug-2025 11:46:53 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351486.D

Injection Date: 01-Aug-2025 19:19:30 Instrument ID: CBNAMS17

Lims ID: LCS 460-1053256/2-A

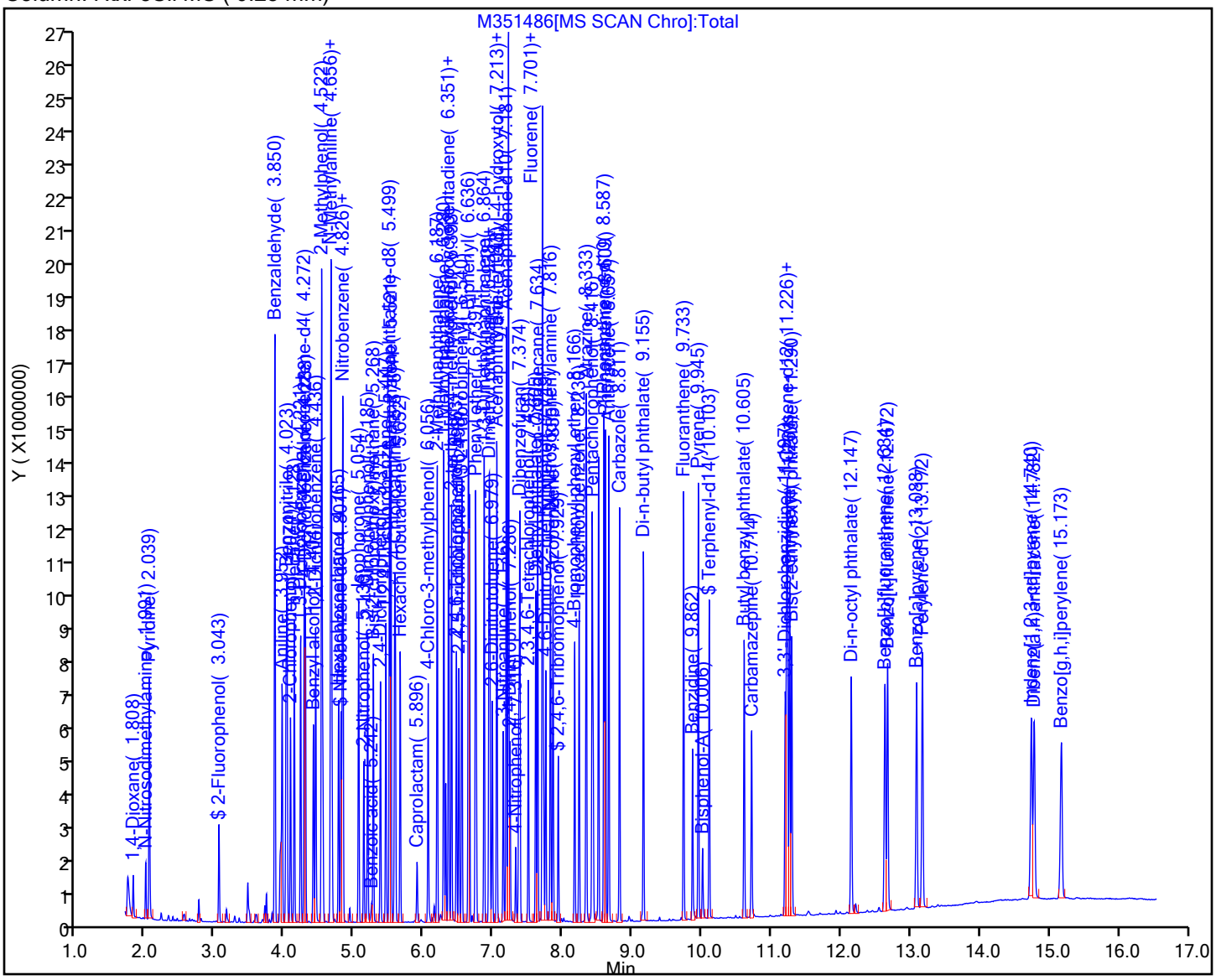
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351486.D
Lims ID: LCS 460-1053256/2-A
Client ID:
Sample Type: LCS
Inject. Date: 01-Aug-2025 19:19:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-004
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 11:45:15 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: V5XH Date: 04-Aug-2025 11:46:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	2.41	24.07
$ 6 Phenol-d5	10.0	1.42	14.19
$ 28 Nitrobenzene-d5	10.0	5.77	57.70
$ 53 2-Fluorobiphenyl	10.0	5.59	55.86
$ 80 2,4,6-Tribromophenol	10.0	6.50	64.98
$ 97 Terphenyl-d14	10.0	5.12	51.22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1053256/3-A

Matrix: Water | Lab File ID: M351487.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/01/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 19:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053358 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS17

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-57-6	2-Methylnaphthalene	57.1		10	0.53
83-32-9	Acenaphthene	50.2		10	1.1
208-96-8	Acenaphthylene	59.3		10	0.82
120-12-7	Anthracene	58.8		10	1.3
56-55-3	Benzo[a]anthracene	57.1		1.0	0.59
50-32-8	Benzo[a]pyrene	57.1		1.0	0.41
205-99-2	Benzo[b]fluoranthene	58.0		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	53.3		10	0.70
207-08-9	Benzo[k]fluoranthene	53.4		1.0	0.67
218-01-9	Chrysene	56.1		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	56.8		1.0	0.72
206-44-0	Fluoranthene	60.5		10	0.84
86-73-7	Fluorene	54.3		10	0.91
193-39-5	Indeno[1,2,3-cd]pyrene	58.2		2.0	0.94
91-20-3	Naphthalene	57.6		2.0	0.54
85-01-8	Phenanthrene	59.1		10	1.3
129-00-0	Pyrene	53.5		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	56		38-139
4165-60-0	Nitrobenzene-d5 (Surr)	59		39-145
1718-51-0	Terphenyl-d14 (Surr)	52		10-133

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351487.D
Lims ID: LCSD 460-1053256/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 01-Aug-2025 19:44:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-005
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 11:45:15 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 22:05:51

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.818	1.811	0.007	91	492585	10.0	3.03	
	2 N-Nitrosodimethylamine	74	1.997	1.994	0.003	99	842625	10.0	3.32	
	3 Pyridine	79	2.045	2.038	0.007	98	2944284	20.0	8.00	
$	4 2-Fluorophenol	112	3.046	3.046	0.000	97	960630	10.0	2.43	
	5 Benzaldehyde	77	3.849	3.849	0.000	97	4125619	5.00	12.8	E
$	6 Phenol-d5	99	3.923	3.932	-0.009	0	711949	10.0	1.41	
	7 Phenol	94	3.936	3.945	-0.009	97	1017915	10.0	2.16	
	8 Aniline	93	3.955	3.958	-0.003	97	3087680	10.0	5.29	
	9 Bis(2-chloroethyl)ether	93	4.009	4.016	-0.007	98	2481921	10.0	6.60	
	10 Benzonitrile	103	4.025	4.032	-0.007	97	4983463	NC	NC	
	11 2-Chlorophenol	128	4.077	4.080	-0.003	98	1893278	10.0	5.21	
	13 n-Decane	43	4.128	4.131	-0.003	87	1768817	10.0	5.15	
	14 1,3-Dichlorobenzene	146	4.221	4.224	-0.003	97	2389130	10.0	5.94	
*	15 1,4-Dichlorobenzene-d4	152	4.275	4.275	0.000	95	2054973	8.00	8.00	
	16 1,4-Dichlorobenzene	146	4.291	4.291	0.000	95	2401672	10.0	5.85	
	17 Benzyl alcohol	108	4.406	4.413	-0.007	96	1195491	10.0	5.31	
	19 1,2-Dichlorobenzene	146	4.438	4.441	-0.003	97	2372447	10.0	6.23	
	20 2-Methylphenol	108	4.522	4.528	-0.006	88	1413510	10.0	4.24	
	21 2,2'-oxybis[1-chloropropane]	45	4.538	4.541	-0.003	96	2698735	10.0	6.21	
	24 N-Methylaniline	106	4.653	4.656	-0.003	96	2789254	10.0	5.00	
	26 Acetophenone	105	4.659	4.666	-0.007	93	3502857	10.0	6.90	
	25 N-Nitrosodi-n-propylamine	70	4.663	4.669	-0.006	78	1695157	10.0	6.83	
	23 3 & 4 Methylphenol	108	4.672	4.678	-0.006	0	1428310	10.0	3.90	
	22 4-Methylphenol	108	4.672	4.678	-0.006	99	1423291	10.0	3.93	
	27 Hexachloroethane	117	4.768	4.768	0.000	96	924936	10.0	5.98	
$	28 Nitrobenzene-d5	82	4.803	4.806	-0.003	83	2320928	10.0	5.86	
	29 Nitrobenzene	123	4.823	4.826	-0.003	97	1241209	10.0	7.23	
	30 n,n'-Dimethylaniline	120	4.829	4.835	-0.006	97	3947257	10.0	7.40	
	31 Isophorone	82	5.056	5.063	-0.007	98	4683135	10.0	7.04	
	32 2-Nitrophenol	139	5.130	5.133	-0.003	97	1143982	10.0	7.36	
	33 2,4-Dimethylphenol	122	5.185	5.191	-0.007	93	1740056	10.0	5.71	
	35 Bis(2-chloroethoxy)methane	93	5.268	5.271	-0.003	97	3001562	10.0	6.95	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Benzoic acid	122	5.245	5.303	-0.058	85	185665	10.0	1.67	a
36 2,4-Dichlorophenol	162	5.370	5.373	-0.003	98	1682482	10.0	6.49	
37 1,2,4-Trichlorobenzene	180	5.450	5.454	-0.004	95	1863696	10.0	6.57	
* 38 Naphthalene-d8	136	5.502	5.502	0.000	99	7928942	8.00	8.00	e
39 Naphthalene	128	5.521	5.521	0.000	99	6905461	10.0	7.20	
40 4-Chloroaniline	127	5.575	5.578	-0.003	98	2884526	10.0	7.09	
41 2,6-Dichlorophenol	162	5.585	5.591	-0.006	98	1680428	10.0	6.75	
42 Hexachlorobutadiene	225	5.655	5.655	0.000	96	962263	10.0	6.86	
44 Caprolactam	55	5.899	5.915	-0.016	94	340319	5.00	3.10	
45 4-Chloro-3-methylphenol	107	6.056	6.062	-0.006	96	1548826	10.0	5.87	
46 2-Methylnaphthalene	142	6.187	6.190	-0.003	85	4144343	10.0	7.13	
47 1-Methylnaphthalene	142	6.283	6.283	0.000	92	4125405	10.0	6.87	
48 Hexachlorocyclopentadiene	237	6.351	6.354	-0.003	97	1225751	10.0	6.70	
49 1,2,4,5-Tetrachlorobenzene	216	6.354	6.357	-0.003	96	1799511	10.0	6.71	
50 2-tertbutyl-4-methylphenol	149	6.392	6.396	-0.004	91	2709827	10.0	7.50	
51 2,4,6-Trichlorophenol	196	6.463	6.466	-0.003	90	1158040	10.0	6.73	
52 2,4,5-Trichlorophenol	196	6.501	6.505	-0.004	97	1218642	10.0	6.69	
$ 53 2-Fluorobiphenyl	172	6.543	6.546	-0.003	97	4315348	10.0	5.64	
54 1,1'-Biphenyl	154	6.636	6.636	0.000	95	5308317	10.0	6.97	
55 2-Chloronaphthalene	162	6.652	6.655	-0.003	98	3995749	10.0	6.79	
56 Phenyl ether	170	6.739	6.742	-0.003	89	2710452	10.0	6.74	
57 2-Nitroaniline	65	6.748	6.751	-0.003	97	1230652	10.0	6.61	
58 1,3-Dimethylnaphthalene	156	6.864	6.867	-0.003	92	3001777	10.0	7.21	
59 Dimethyl phthalate	163	6.931	6.937	-0.006	99	4177177	10.0	6.99	
60 Coumarin	146	6.944	6.947	-0.003	82	1409646	10.0	6.93	
61 2,6-Dinitrotoluene	165	6.982	6.986	-0.004	96	917164	10.0	7.63	
62 Acenaphthylene	152	7.046	7.046	0.000	97	6715015	10.0	7.41	
63 3-Nitroaniline	138	7.139	7.143	-0.004	97	1029504	10.0	6.95	
* 64 Acenaphthene-d10	164	7.181	7.184	-0.003	95	3917231	8.00	8.00	
66 Acenaphthene	154	7.213	7.216	-0.003	96	3635628	10.0	6.27	
65 3,5-di-tert-butyl-4-hydroxytol	205	7.213	7.216	-0.003	97	2863247	10.0	7.01	
67 2,4-Dinitrophenol	184	7.236	7.242	-0.006	96	824618	20.0	14.0	a
68 4-Nitrophenol	65	7.316	7.326	-0.010	87	335615	20.0	3.57	
69 2,4-Dinitrotoluene	165	7.361	7.367	-0.006	97	1178929	10.0	7.90	
70 Dibenzofuran	168	7.377	7.380	-0.003	97	5431923	10.0	7.07	
71 2,3,4,6-Tetrachlorophenol	232	7.498	7.502	-0.004	93	887864	10.0	7.00	
72 Diethyl phthalate	149	7.608	7.611	-0.003	98	4069317	10.0	6.68	
73 n-Octadecane	57	7.633	7.637	-0.004	88	2784396	10.0	6.67	
74 Fluorene	166	7.701	7.704	-0.003	96	4275224	10.0	6.79	
75 4-Chlorophenyl phenyl ether	204	7.704	7.707	-0.003	90	1836706	10.0	6.85	
76 4-Nitroaniline	138	7.720	7.727	-0.007	91	959524	10.0	6.93	
77 4,6-Dinitro-2-methylphenol	198	7.752	7.756	-0.004	91	1161276	20.0	14.9	
78 N-Nitrosodiphenylamine	169	7.816	7.820	-0.004	83	2851935	10.0	7.01	
131 Azobenzene	77	7.855	7.858	-0.003	96	4336286	10.0	6.74	
79 1,2-Diphenylhydrazine	77	7.855	7.858	-0.003	50	4336286	10.0	6.76	
$ 80 2,4,6-Tribromophenol	330	7.932	7.932	0.000	92	638131	10.0	6.32	
83 4-Bromophenyl phenyl ether	248	8.166	8.170	-0.004	90	1048774	10.0	7.53	
84 Hexachlorobenzene	284	8.230	8.234	-0.004	97	1291161	10.0	7.67	
85 Atrazine	200	8.336	8.330	0.006	93	1930923	5.00	15.8	E
86 Pentachlorophenol	266	8.419	8.420	-0.001	94	1447422	20.0	15.0	
87 Pentachloronitrobenzene	237	8.432	8.433	-0.001	88	352973	10.0	8.92	
* 88 Phenanthrene-d10	188	8.586	8.591	-0.005	99	5863993	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.609	8.613	-0.004	98	5383491	10.0	7.38	
90 Anthracene	178	8.657	8.658	-0.001	98	5444378	10.0	7.35	
91 Carbazole	167	8.811	8.816	-0.005	96	4932169	10.0	7.32	
92 Di-n-butyl phthalate	149	9.158	9.156	0.002	99	6112505	10.0	8.42	
93 Fluoranthene	202	9.736	9.738	-0.002	97	4953802	10.0	7.56	
94 Benzidine	184	9.864	9.867	-0.003	100	2002313	10.0	5.96	
95 Pyrene	202	9.948	9.951	-0.003	96	5008803	10.0	6.69	
96 Bisphenol-A	213	10.009	10.012	-0.003	98	673083	5.00	3.08	
$ 97 Terphenyl-d14	244	10.102	10.108	-0.006	98	3178268	10.0	5.17	
98 Butyl benzyl phthalate	149	10.607	10.611	-0.004	96	2224697	10.0	7.21	
100 Carbamazepine	193	10.714	10.721	-0.007	93	1713451	10.0	8.44	
101 3,3'-Dichlorobenzidine	252	11.196	11.201	-0.005	99	1625003	10.0	7.33	
102 Benzo[a]anthracene	228	11.219	11.223	-0.004	99	4126420	10.0	7.13	
* 103 Chrysene-d12	240	11.232	11.236	-0.004	99	3557703	8.00	8.00	
104 Chrysene	228	11.264	11.268	-0.004	98	3919013	10.0	7.02	
105 Bis(2-ethylhexyl) phthalate	149	11.293	11.294	-0.001	85	3143686	10.0	6.94	
106 Di-n-octyl phthalate	149	12.149	12.152	-0.003	96	5113831	10.0	6.79	
107 Benzo[b]fluoranthene	252	12.633	12.640	-0.007	98	3770221	10.0	7.25	
108 Benzo[k]fluoranthene	252	12.671	12.678	-0.007	99	3907343	10.0	6.68	
109 Benzo[a]pyrene	252	13.090	13.098	-0.008	95	3493898	10.0	7.13	
* 110 Perylene-d12	264	13.174	13.179	-0.005	98	3720337	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	14.742	14.753	-0.011	98	3561106	10.0	7.27	
112 Dibenz(a,h)anthracene	278	14.784	14.792	-0.008	97	3565949	10.0	7.09	
113 Benzo[g,h,i]perylene	276	15.174	15.187	-0.013	95	3291446	10.0	6.66	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

e - Potential Peak Saturated

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00198 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Aug-2025 11:48:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351487.D

Injection Date: 01-Aug-2025 19:44:30 Instrument ID: CBNAMS17

Lims ID: LCSD 460-1053256/3-A

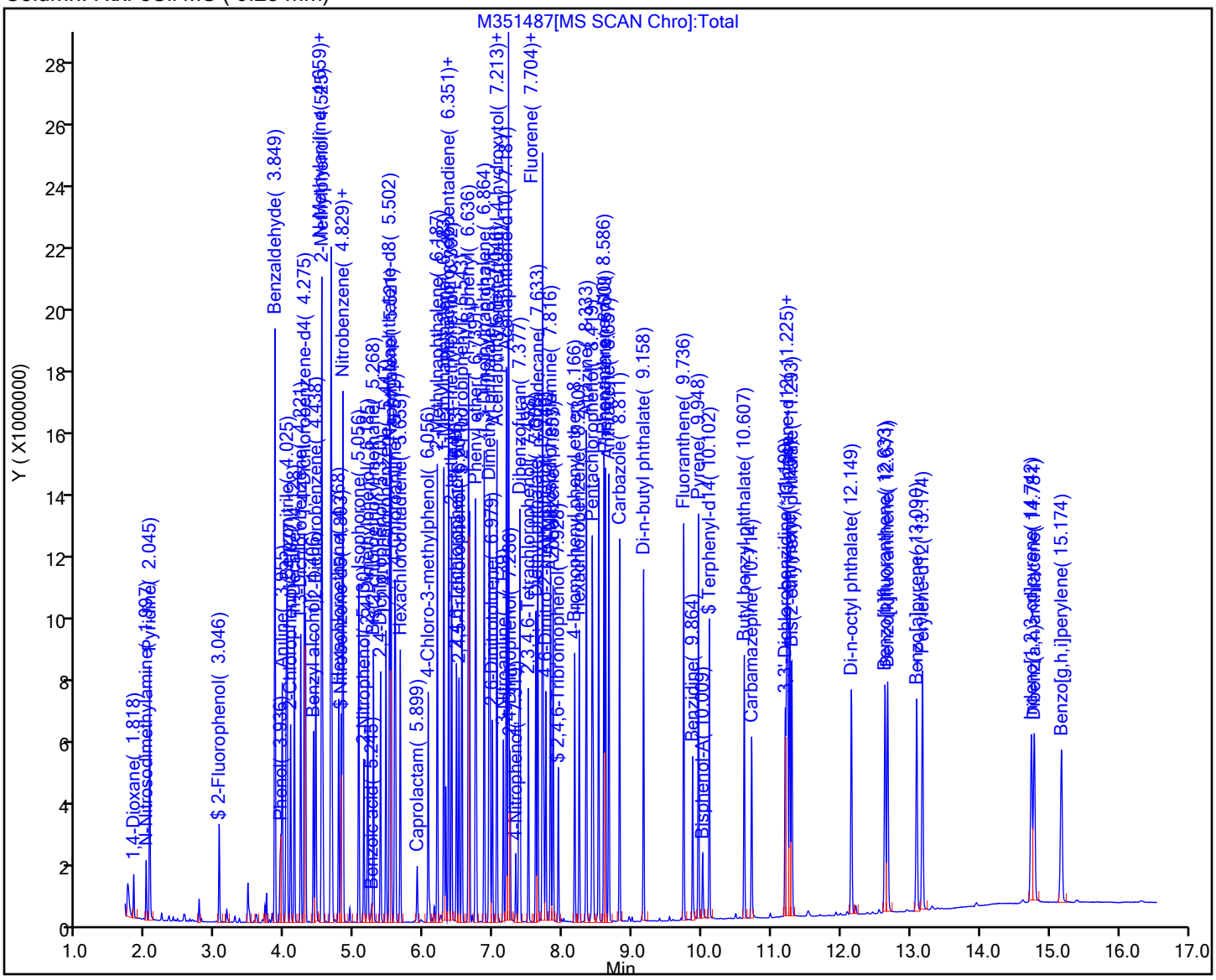
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_17 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\M351487.D
Lims ID: LCSD 460-1053256/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 01-Aug-2025 19:44:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194418-005
Operator ID: Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20250801-194418.b\8270LVI_17.m
Limit Group: SV 8270E ICAL
Last Update: 04-Aug-2025 11:45:15 Calib Date: 25-Jul-2025 10:17:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20250724-194057.b\M351420.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 22:05:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 4 2-Fluorophenol	10.0	2.43	24.27
$ 6 Phenol-d5	10.0	1.41	14.10
$ 28 Nitrobenzene-d5	10.0	5.86	58.58
$ 53 2-Fluorobiphenyl	10.0	5.64	56.44
$ 80 2,4,6-Tribromophenol	10.0	6.32	63.21
$ 97 Terphenyl-d14	10.0	5.17	51.70

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Instrument ID: CBNAMS17 Start Date: 07/25/2025 05:53

Analysis Batch Number: 1051713 End Date: 07/25/2025 10:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-1051713/1		07/25/2025 05:53	1	M351408.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-1051713/3 IC		07/25/2025 06:31	1	M351410.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-1051713/4 IC		07/25/2025 06:52	1	M351411.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-1051713/5 IC		07/25/2025 07:13	1	M351412.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-1051713/6 IC		07/25/2025 07:34	1	M351413.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-1051713/7 IC		07/25/2025 07:55	1	M351414.D	Rtxi-5Sil MS 0.25(mm)
STD04 460-1051713/8 IC		07/25/2025 08:16	1	M351415.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-1051713/9 IC		07/25/2025 08:38	1	M351416.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-1051713/10 IC		07/25/2025 08:59	1	M351417.D	Rtxi-5Sil MS 0.25(mm)
STD002 460-1051713/11 IC		07/25/2025 09:20	1	M351418.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-1051713/13		07/25/2025 10:17	1	M351420.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-1051713/14		07/25/2025 10:57	1	M351421.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Instrument ID: CBNAMS17 Start Date: 08/01/2025 18:33

Analysis Batch Number: 1053358 End Date: 08/02/2025 04:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1053358/2		08/01/2025 18:33	1	M351484.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-1053256/2-A		08/01/2025 19:19	1	M351486.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-1053256/3-A		08/01/2025 19:44	1	M351487.D	Rtxi-5Sil MS 0.25(mm)
MB 460-1053256/1-A		08/01/2025 22:33	1	M351488.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 23:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 23:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 00:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 00:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 00:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		08/02/2025 01:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 01:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 01:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 02:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 02:27	1		Rtxi-5Sil MS 0.25(mm)
460-331763-2	MW-11S	08/02/2025 02:48	1	M351500.D	Rtxi-5Sil MS 0.25(mm)
460-331763-3	MW-8S	08/02/2025 03:09	1	M351501.D	Rtxi-5Sil MS 0.25(mm)
460-331763-4	MW-3	08/02/2025 03:30	1	M351502.D	Rtxi-5Sil MS 0.25(mm)
460-331763-5	MW-13S	08/02/2025 03:50	1	M351503.D	Rtxi-5Sil MS 0.25(mm)
460-331763-6	MW-13D	08/02/2025 04:12	1	M351504.D	Rtxi-5Sil MS 0.25(mm)
460-331763-7	MW-4S	08/02/2025 04:32	1	M351505.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1051713 Batch Start Date: 07/25/25 05:53 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	8270_3511_L1 00001	SMDFTP_CH 00037	SV_BNAL1_LVI 00007	SV_BNAL2_LVI 00007	SV_BNAL3_LVI 00009
DFTPP 460-1051713/1		8270E			1 mL		1 mL			
STD24 460-1051713/3 IC		8270E			1 mL					
STD16 460-1051713/4 IC		8270E			1 mL					
STD4 460-1051713/5 IC		8270E			1 mL					
STD2 460-1051713/6 IC		8270E			1 mL					
STD1 460-1051713/7 IC		8270E			1 mL					
STD04 460-1051713/8 IC		8270E			1 mL					1 mL
STD02 460-1051713/9 IC		8270E			1 mL				1 mL	
STD01 460-1051713/10 IC		8270E			1 mL			1 mL		
STD002 460-1051713/11 IC		8270E			1 mL	1 mL				
ICIS 460-1051713/13		8270E			1 mL					
ICV 460-1051713/14		8270E			1 mL					

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNAL4_LVI 00009	SV_BNAL5_LVI 00009	SV_BNAL6_LVI 00010	SV_BNAL7_LVI 00010	SV_BNAL8_LVI 00009	SV_BNAL9_LVI 00008
DFTPP 460-1051713/1		8270E								
STD24 460-1051713/3 IC		8270E								1 mL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1051713 Batch Start Date: 07/25/25 05:53 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNAL4_LVI 00009	SV_BNAL5_LVI 00009	SV_BNAL6_LVI 00010	SV_BNAL7_LVI 00010	SV_BNAL8_LVI 00009	SV_BNAL9_LVI 00008
STD16 460-1051713/4 IC		8270E							1 mL	
STD4 460-1051713/5 IC		8270E					1 mL			
STD2 460-1051713/6 IC		8270E				1 mL				
STD1 460-1051713/7 IC		8270E			1 mL					
STD04 460-1051713/8 IC		8270E								
STD02 460-1051713/9 IC		8270E								
STD01 460-1051713/10 IC		8270E								
STD002 460-1051713/11 IC		8270E								
ICIS 460-1051713/13		8270E						1 mL		
ICV 460-1051713/14		8270E								

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_ICV_ LVI 00012					
DFTPP 460-1051713/1		8270E								
STD24 460-1051713/3 IC		8270E								
STD16 460-1051713/4 IC		8270E								
STD4 460-1051713/5 IC		8270E								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1051713 Batch Start Date: 07/25/25 05:53 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_ICV_ LVI 00012					
STD2 460-1051713/6 IC		8270E								
STD1 460-1051713/7 IC		8270E								
STD04 460-1051713/8 IC		8270E								
STD02 460-1051713/9 IC		8270E								
STD01 460-1051713/10 IC		8270E								
STD002 460-1051713/11 IC		8270E								
ICIS 460-1051713/13		8270E								
ICV 460-1051713/14		8270E			1 mL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1053256 Batch Start Date: 08/01/25 10:26 Batch Analyst: Patel, Tejal M

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00023
MB 460-1053256/1		3510C, 8270E			250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
LCS 460-1053256/2		3510C, 8270E			250 mL	2 mL	7 SU	< 2 SU	> 12 SU	5 uL
LCSD 460-1053256/3		3510C, 8270E			250 mL	2 mL	7 SU	< 2 SU	> 12 SU	5 uL
460-331763-E-2	MW-11S	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331763-E-3	MW-8S	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331763-E-4	MW-3	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331763-E-5	MW-13S	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331763-E-6	MW-13D	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331763-E-7	MW-4S	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_BNA SPIK 00055	OP_BNASurroga 00031				
MB 460-1053256/1		3510C, 8270E				200 uL				
LCS 460-1053256/2		3510C, 8270E			200 uL	200 uL				
LCSD 460-1053256/3		3510C, 8270E			200 uL	200 uL				
460-331763-E-2	MW-11S	3510C, 8270E	Water	T		200 uL				
460-331763-E-3	MW-8S	3510C, 8270E	Water	T		200 uL				
460-331763-E-4	MW-3	3510C, 8270E	Water	T		200 uL				
460-331763-E-5	MW-13S	3510C, 8270E	Water	T		200 uL				
460-331763-E-6	MW-13D	3510C, 8270E	Water	T		200 uL				
460-331763-E-7	MW-4S	3510C, 8270E	Water	T		200 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1053256 Batch Start Date: 08/01/25 10:26 Batch Analyst: Patel, Tejal M

Batch Method: 3510C Batch End Date:

Batch Notes	
Method/Fraction	3510C_LVI / 8270E
Balance is Level? (Y/N)	yes
pH Indicator ID	VWR: HC457151
Analyst ID - Extraction	BP
Analyst ID - Spike Analyst	BP
Analyst ID - Spike Witness Analyst	SS
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	FISHER
Base Used to Adjust pH ID	VWR: 24H1456377
Prep Solvent ID	FISHER r Dichloromethane: 251820
Prep Solvent Volume Used	40ml mL
Na2SO4 ID	Fisher: 232415
Analyst ID - Concentration	BP
Equipment ID - Concentration 1	N-EVAP: 36337
Thermometer ID - Concentration 1	N-EVAP: 36337
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	Agilent Technologies: 21046158
Batch Comment	BNA WATER

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E_SIM

Semivolatile Organic Compounds (GC/MS SIM)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #
MW-11S	460-331763-2	60	62
MW-8S	460-331763-3	75	76
MW-3	460-331763-4	64	65
MW-13S	460-331763-5	68	71
MW-13D	460-331763-6	69	75
MW-4S	460-331763-7	76	86
	MB 460-1053256/1-A	63	61
	LCS 460-1053256/4-A	72	81
	LCSD 460-1053256/5-A	46	51

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	36-150
FBP = 2-Fluorobiphenyl	33-150

Column to be used to flag recovery values

FORM II 8270E SIM

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C04803.D

Lab ID: LCS 460-1053256/4-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acenaphthene	2.00	1.47	73	42-150	
Acenaphthylene	2.00	1.60	80	22-150	
Anthracene	2.00	1.63	82	22-150	
Benzo[a]anthracene	2.00	1.62	81	47-150	
Benzo[a]pyrene	2.00	1.56	78	34-150	
Benzo[b]fluoranthene	2.00	1.50	75	33-150	
Benzo[g,h,i]perylene	2.00	1.43	71	19-150	
Benzo[k]fluoranthene	2.00	1.37	69	30-150	
Chrysene	2.00	1.37	68	47-150	
Dibenz(a,h)anthracene	2.00	1.46	73	12-150	
Fluoranthene	2.00	1.63	81	36-150	
Fluorene	2.00	1.60	80	24-150	
Indeno[1,2,3-cd]pyrene	2.00	1.28	64	14-134	
Naphthalene	2.00	1.45	73	41-147	
Phenanthrene	2.00	1.47	73	13-150	
Pyrene	2.00	1.42	71	46-150	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C04804.D

Lab ID: LCSD 460-1053256/5-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	2.00	1.36	68	8	30	42-150	
Acenaphthylene	2.00	1.48	74	8	30	22-150	
Anthracene	2.00	1.50	75	8	30	22-150	
Benzo[a]anthracene	2.00	1.51	76	7	30	47-150	
Benzo[a]pyrene	2.00	1.43	72	9	30	34-150	
Benzo[b]fluoranthene	2.00	1.40	70	7	30	33-150	
Benzo[g,h,i]perylene	2.00	1.31	65	9	30	19-150	
Benzo[k]fluoranthene	2.00	1.26	63	9	30	30-150	
Chrysene	2.00	1.26	63	8	30	47-150	
Dibenz(a,h)anthracene	2.00	1.36	68	7	30	12-150	
Fluoranthene	2.00	1.53	76	6	30	36-150	
Fluorene	2.00	1.49	75	7	30	24-150	
Indeno[1,2,3-cd]pyrene	2.00	1.24	62	3	30	14-134	
Naphthalene	2.00	1.33	66	9	30	41-147	
Phenanthrene	2.00	1.36	68	8	30	13-150	
Pyrene	2.00	1.33	67	7	30	46-150	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab File ID: C04805.D Lab Sample ID: MB 460-1053256/1-A

Matrix: Water Date Extracted: 08/01/2025 10:26

Instrument ID: CBNAMS13 Date Analyzed: 08/01/2025 20:05

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-1053256/4-A	C04803.D	08/01/2025 19:23
	LCSD 460-1053256/5-A	C04804.D	08/01/2025 19:44
MW-11S	460-331763-2	C04811.D	08/01/2025 22:10
MW-8S	460-331763-3	C04812.D	08/01/2025 22:31
MW-3	460-331763-4	C04813.D	08/01/2025 22:52
MW-13S	460-331763-5	C04814.D	08/01/2025 23:12
MW-13D	460-331763-6	C04815.D	08/01/2025 23:33
MW-4S	460-331763-7	C04816.D	08/01/2025 23:54

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab File ID: C03291.D DFTPP Injection Date: 06/06/2025

Instrument ID: CBNAMS13 DFTPP Injection Time: 11:14

Analysis Batch No.: 1041946

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.6 (1.5) 1
69	Present	37.6
70	Less than 2% of m/z 69	0.2 (0.6) 1
197	Less than 2% of m/z 198	0.5
198	Base Peak	100.0
199	5-9% of m/z 198	6.8
365	Greater than 1% of Base Peak	3.3
441	Less than 150% of m/z 443	18.2 (82.5) 3
442	Present	115.5
443	15-24% of m/z 442	22.1 (19.1) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-1041946/2	C03292.D	06/06/2025	11:38
	STD9 460-1041946/3	C03293.D	06/06/2025	11:59
	STD8 460-1041946/4	C03294.D	06/06/2025	12:21
	STD7 460-1041946/5	C03295.D	06/06/2025	12:42
	STD6 460-1041946/6	C03296.D	06/06/2025	13:03
	STD4 460-1041946/7	C03297.D	06/06/2025	13:24
	STD3 460-1041946/8	C03298.D	06/06/2025	13:45
	STD2 460-1041946/9	C03299.D	06/06/2025	14:07
	STD1 460-1041946/10	C03300.D	06/06/2025	14:28
	ICV 460-1041946/11	C03301.D	06/06/2025	14:49

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Sample No.: ICIS 460-1041946/2 Date Analyzed: 06/06/2025 11:38

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C03292.D Heated Purge: (Y/N) N

Calibration ID: 101331

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		55299	3.61	212033	4.88	119095	6.61
UPPER LIMIT		110598	4.11	424066	5.38	238190	7.11
LOWER LIMIT		27650	3.11	106017	4.38	59548	6.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1041946/11		46888	3.61	180622	4.88	102147	6.60

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Sample No.: ICIS 460-1041946/2 Date Analyzed: 06/06/2025 11:38

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C03292.D Heated Purge: (Y/N) N

Calibration ID: 101331

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		231483	8.05	147142	10.64	118881	12.32
UPPER LIMIT		462966	8.55	294284	11.14	237762	12.82
LOWER LIMIT		115742	7.55	73571	10.14	59441	11.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-1041946/11		198889	8.05	119181	10.64	91395	12.32

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Sample No.: CCVIS 460-1053368/2 Date Analyzed: 08/01/2025 18:36

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C04801.D Heated Purge: (Y/N) N

Calibration ID: 101331

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		36751	3.44	134119	4.70	76846	6.43
UPPER LIMIT		73502	3.94	268238	5.20	153692	6.93
LOWER LIMIT		18376	2.94	67060	4.20	38423	5.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1053256/4-A		34543	3.43	127060	4.70	72775	6.43
LCSD 460-1053256/5-A		40716	3.43	150814	4.70	88496	6.43
MB 460-1053256/1-A		39156	3.43	143691	4.70	83872	6.43
460-331763-2	MW-11S	30622	3.42	111575	4.69	68570	6.43
460-331763-3	MW-8S	28361	3.42	102499	4.69	60242	6.43
460-331763-4	MW-3	28831	3.42	105196	4.69	64870	6.43
460-331763-5	MW-13S	27649	3.42	99027	4.69	58155	6.43
460-331763-6	MW-13D	29291	3.42	104762	4.69	60689	6.43
460-331763-7	MW-4S	30774	3.42	110322	4.69	64161	6.43

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Sample No.: CCVIS 460-1053368/2 Date Analyzed: 08/01/2025 18:36

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C04801.D Heated Purge: (Y/N) N

Calibration ID: 101331

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		144080	7.87	99965	10.45	93295	12.08
UPPER LIMIT		288160	8.37	199930	10.95	186590	12.58
LOWER LIMIT		72040	7.37	49983	9.95	46648	11.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-1053256/4-A		138100	7.87	94903	10.44	89279	12.07
LCSD 460-1053256/5-A		173949	7.87	121690	10.44	115077	12.07
MB 460-1053256/1-A		159426	7.87	104585	10.45	96853	12.07
460-331763-2	MW-11S	145172	7.87	110035	10.44	100904	12.07
460-331763-3	MW-8S	130027	7.87	98520	10.44	89415	12.07
460-331763-4	MW-3	133293	7.87	99031	10.44	90125	12.07
460-331763-5	MW-13S	119814	7.87	88305	10.44	85484	12.07
460-331763-6	MW-13D	125115	7.87	94606	10.44	89520	12.07
460-331763-7	MW-4S	138649	7.87	107126	10.44	100991	12.07

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-11S | Lab Sample ID: 460-331763-2

Matrix: Water | Lab File ID: C04811.D

Analysis Method: 8270E SIM | Date Collected: 07/29/2025 09:55

Extract. Method: 3510C | Date Extracted: 08/01/2025 11:19

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 22:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053368 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS13

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	26		0.050	0.014
208-96-8	Acenaphthylene	0.51		0.050	0.015
120-12-7	Anthracene	1.6		0.050	0.025
56-55-3	Benzo[a]anthracene	0.090		0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.062		0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.020	J	0.050	0.020
206-44-0	Fluoranthene	2.2		0.050	0.039
86-73-7	Fluorene	6.1		0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.49		0.050	0.022
129-00-0	Pyrene	2.3		0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	62		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	60		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D
Lims ID: 460-331763-E-2-A
Client ID: MW-11S
Sample Type: Client
Inject. Date: 01-Aug-2025 22:10:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-012
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:29:34 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 22:47:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	152	3.416	3.437	-0.021	99	30622	0.2000	
$ 6 Nitrobenzene-d5	82	3.977	3.998	-0.021	96	1055747	6.04	
* 7 Naphthalene-d8	136	4.694	4.704	-0.010	99	111575	0.2000	
$ 9 2-Fluorobiphenyl	172	5.793	5.802	0.000	96	3078219	6.25	
10 Acenaphthylene	152	6.290	6.299	0.000	99	39887	0.0641	
* 11 Acenaphthene-d10	164	6.425	6.434	-0.009	95	68570	0.2000	
12 Acenaphthene	154	6.461	6.470	0.000	95	1275603	3.21	
13 Fluorene	166	6.967	6.976	0.000	95	358684	0.7683	
* 17 Phenanthrene-d10	188	7.870	7.870	0.000	100	145172	0.2000	
18 Phenanthrene	178	7.888	7.897	-0.009	81	52158	0.0611	
19 Anthracene	178	7.942	7.942	0.000	99	151549	0.1945	
21 Fluoranthene	202	9.044	9.044	0.000	95	221816	0.2812	
22 Pyrene	202	9.255	9.255	0.000	98	279715	0.2813	
24 Benzo[a]anthracene	228	10.435	10.435	0.000	13	8558	0.0112	a
* 25 Chrysene-d12	240	10.441	10.448	-0.007	94	110035	0.2000	
26 Chrysene	228	10.468	10.468	-0.006	97	6537	0.007786	a
* 30 Perylene-d12	264	12.069	12.076	-0.007	100	100904	0.2000	
32 Dibenz(a,h)anthracene	278	13.407	13.393	0.006	94	1230	0.002559	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

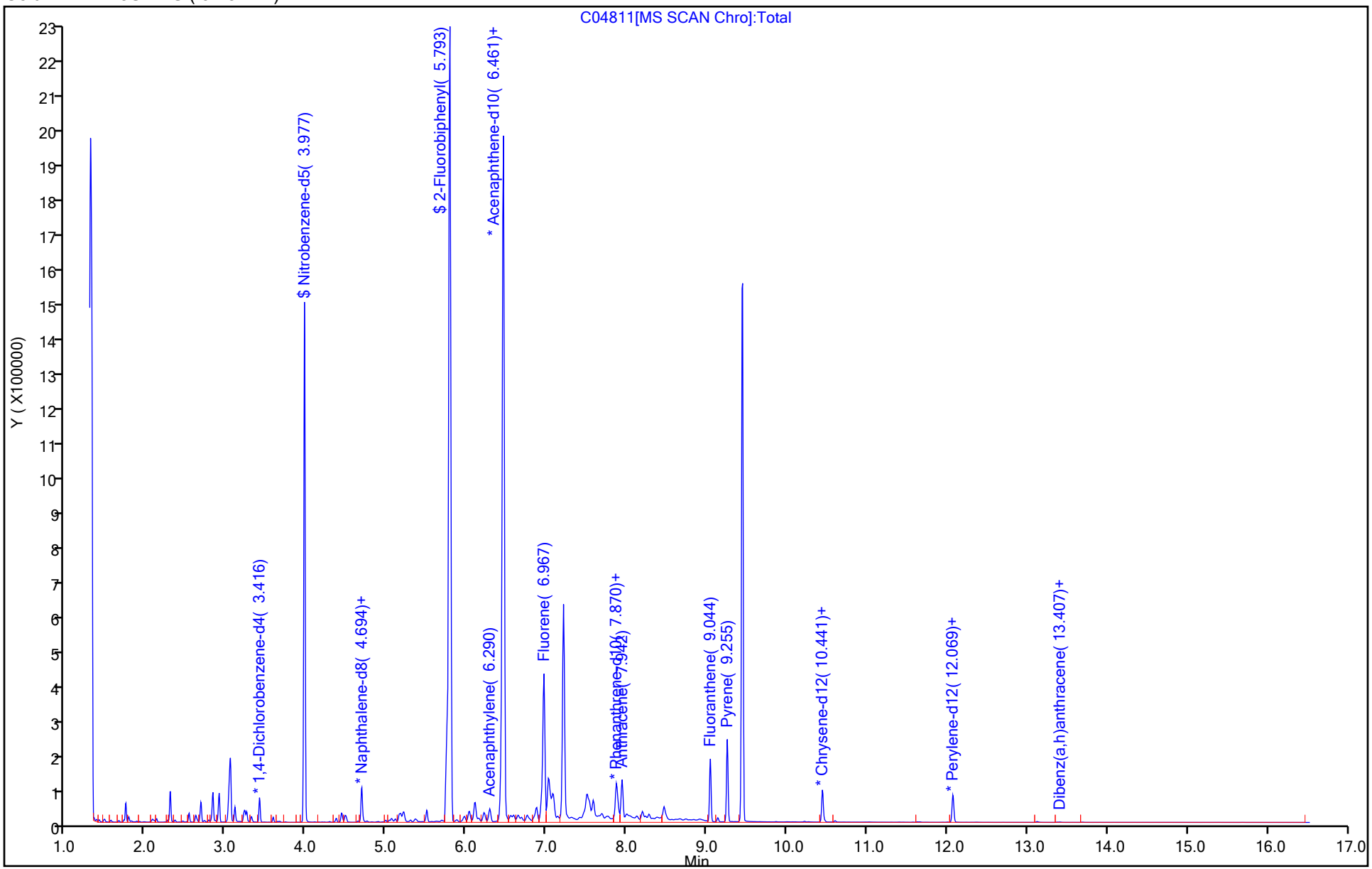
Report Date: 04-Aug-2025 08:29:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D

Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2	Worklist Smp#:	12
Client ID:	MW-11S				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D
Lims ID: 460-331763-E-2-A
Client ID: MW-11S
Sample Type: Client
Inject. Date: 01-Aug-2025 22:10:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-012
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:29:34 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 22:47:29

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	6.04	60.40
$ 9 2-Fluorobiphenyl	10.0	6.25	62.49

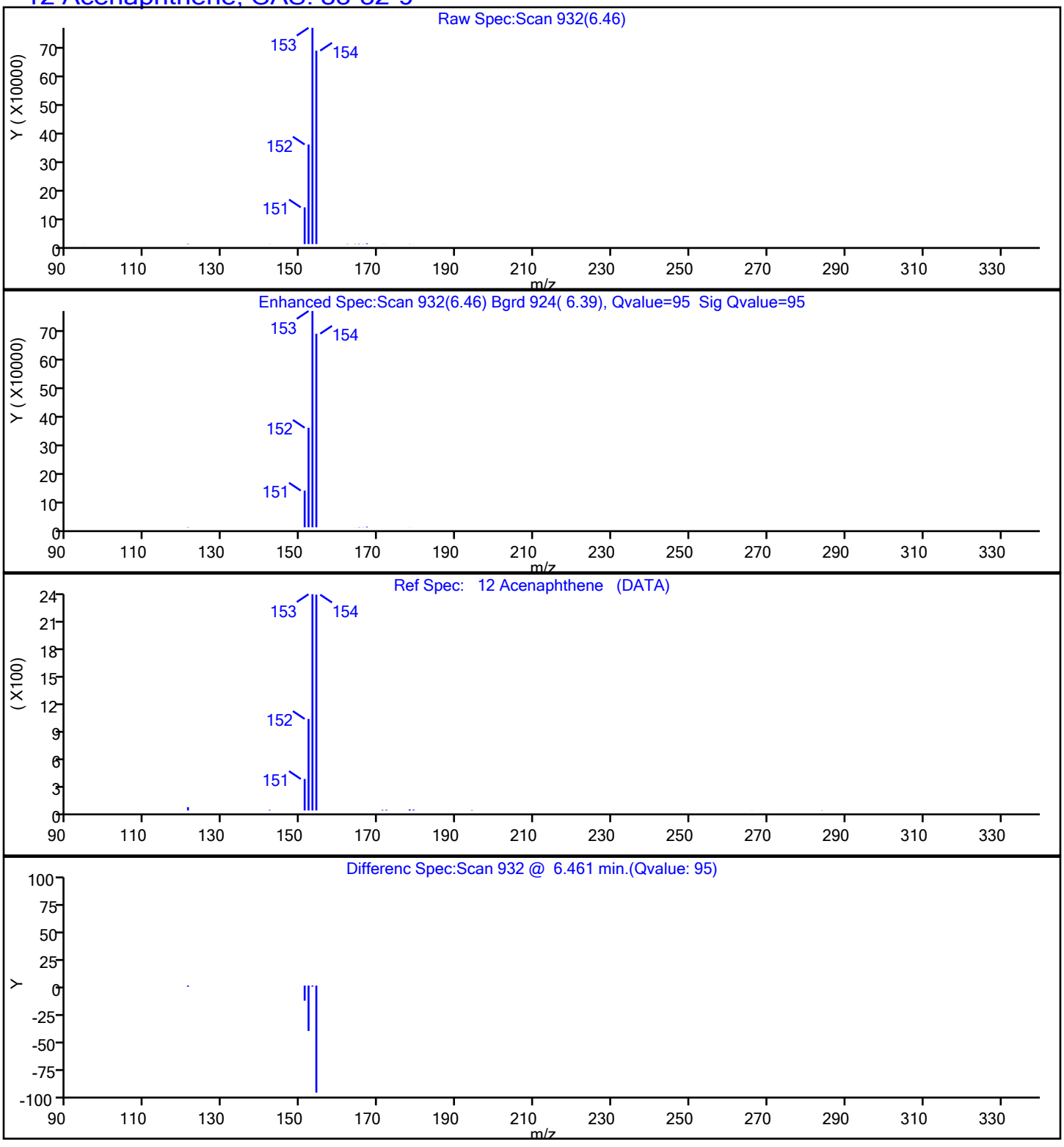
Report Date: 04-Aug-2025 08:29:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D

Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

12 Acenaphthene, CAS: 83-32-9



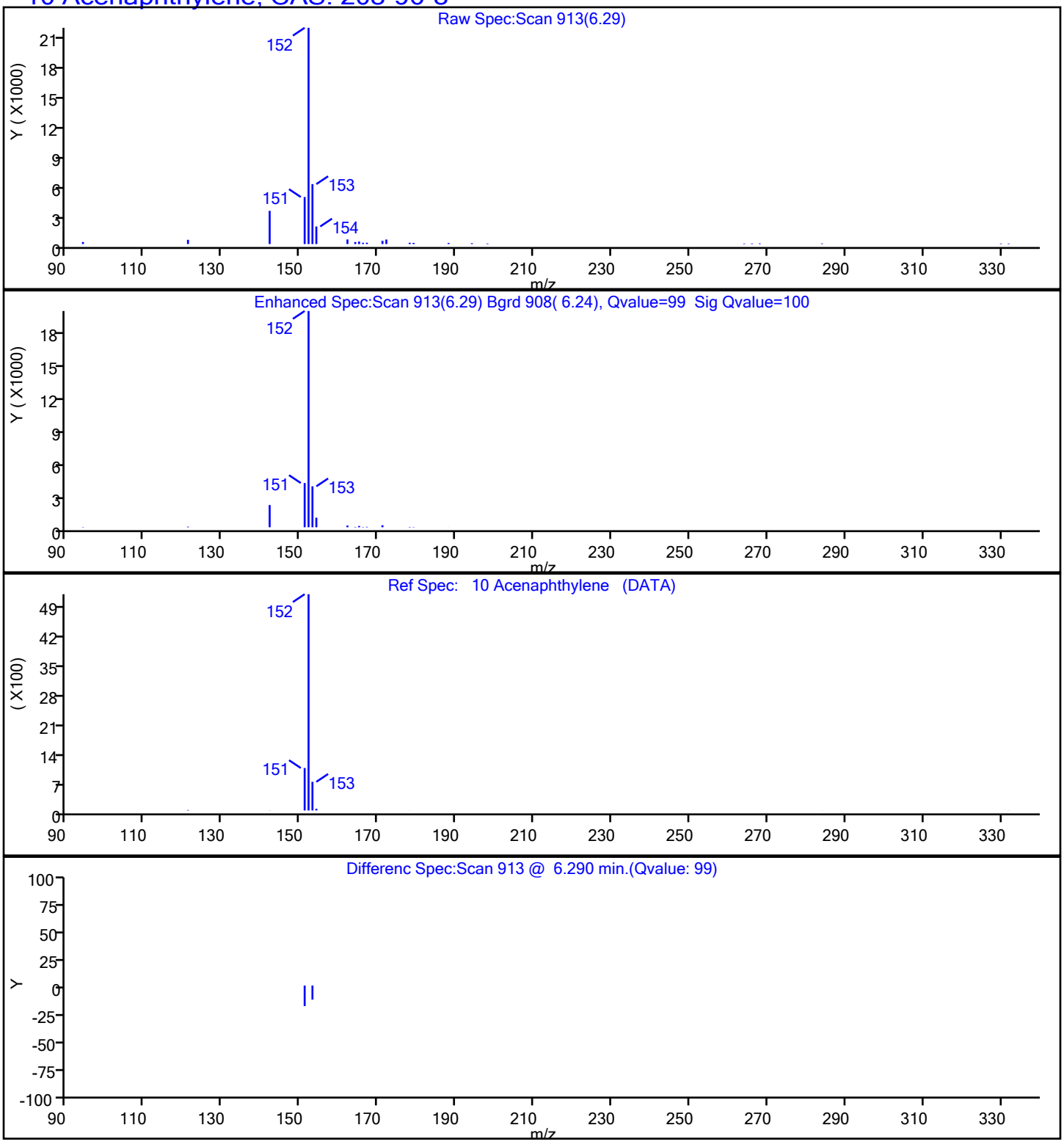
Report Date: 04-Aug-2025 08:29:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D

Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

10 Acenaphthylene, CAS: 208-96-8



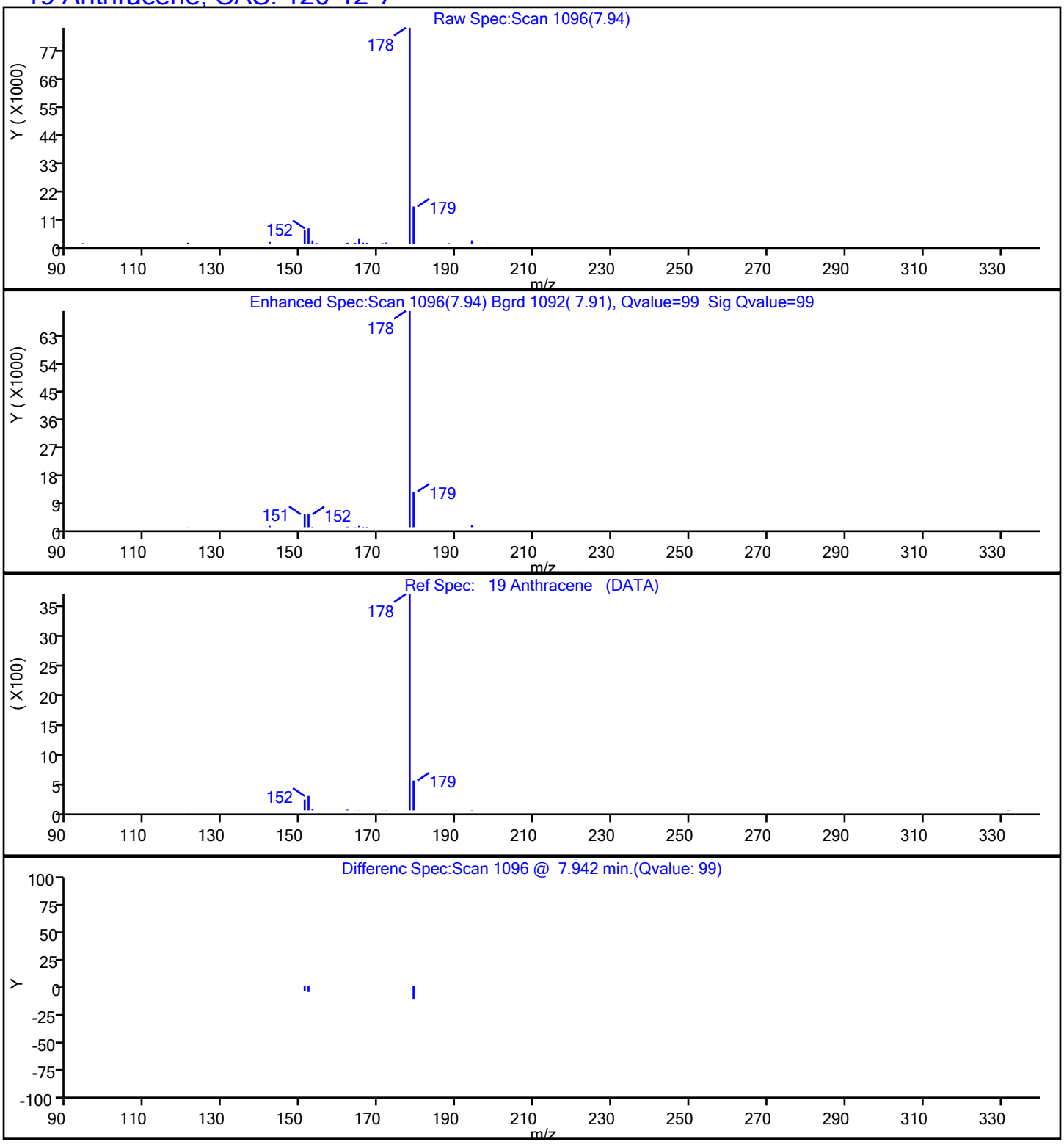
Report Date: 04-Aug-2025 08:29:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D

Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

19 Anthracene, CAS: 120-12-7



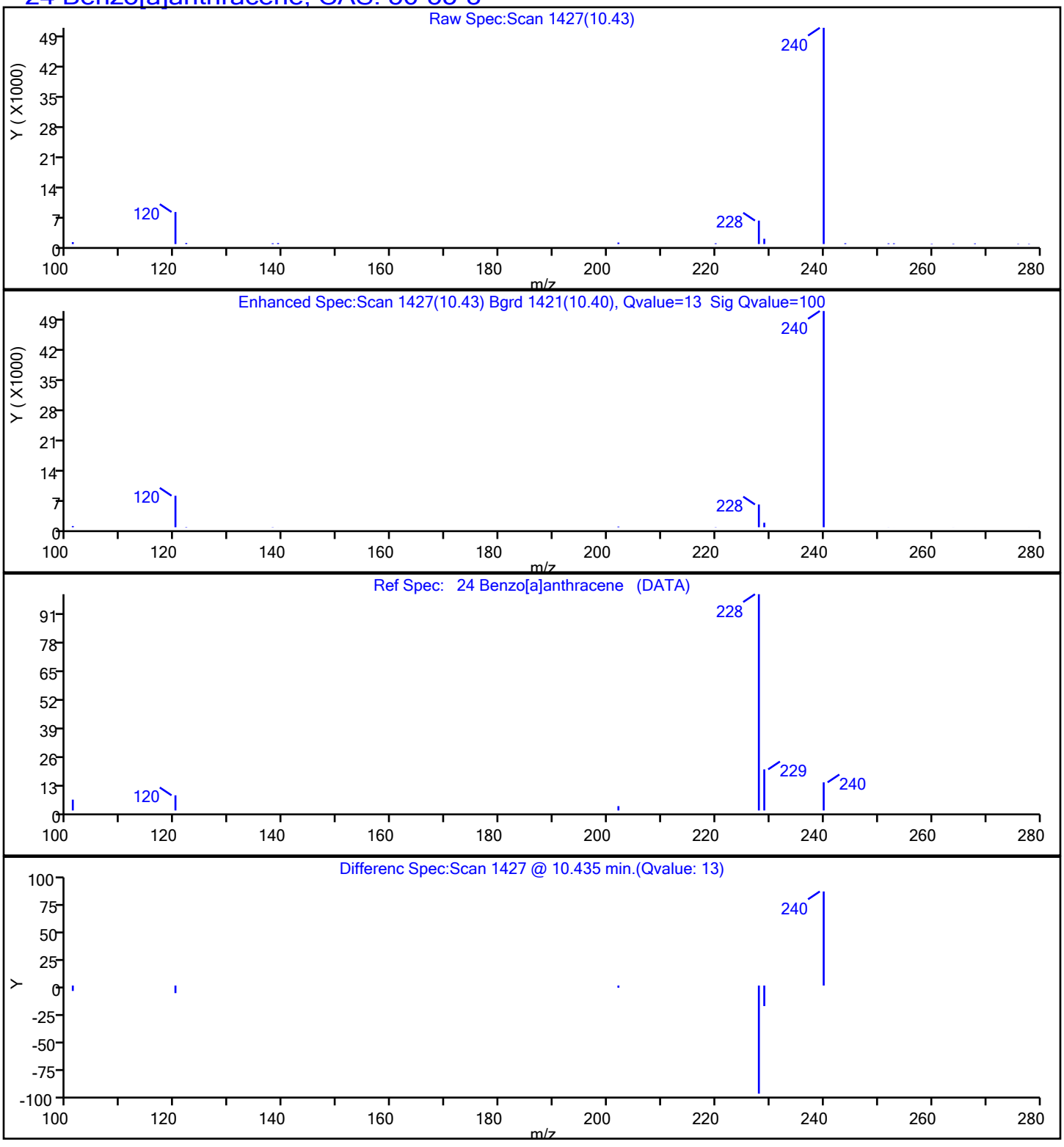
Report Date: 04-Aug-2025 08:29:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D

Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3



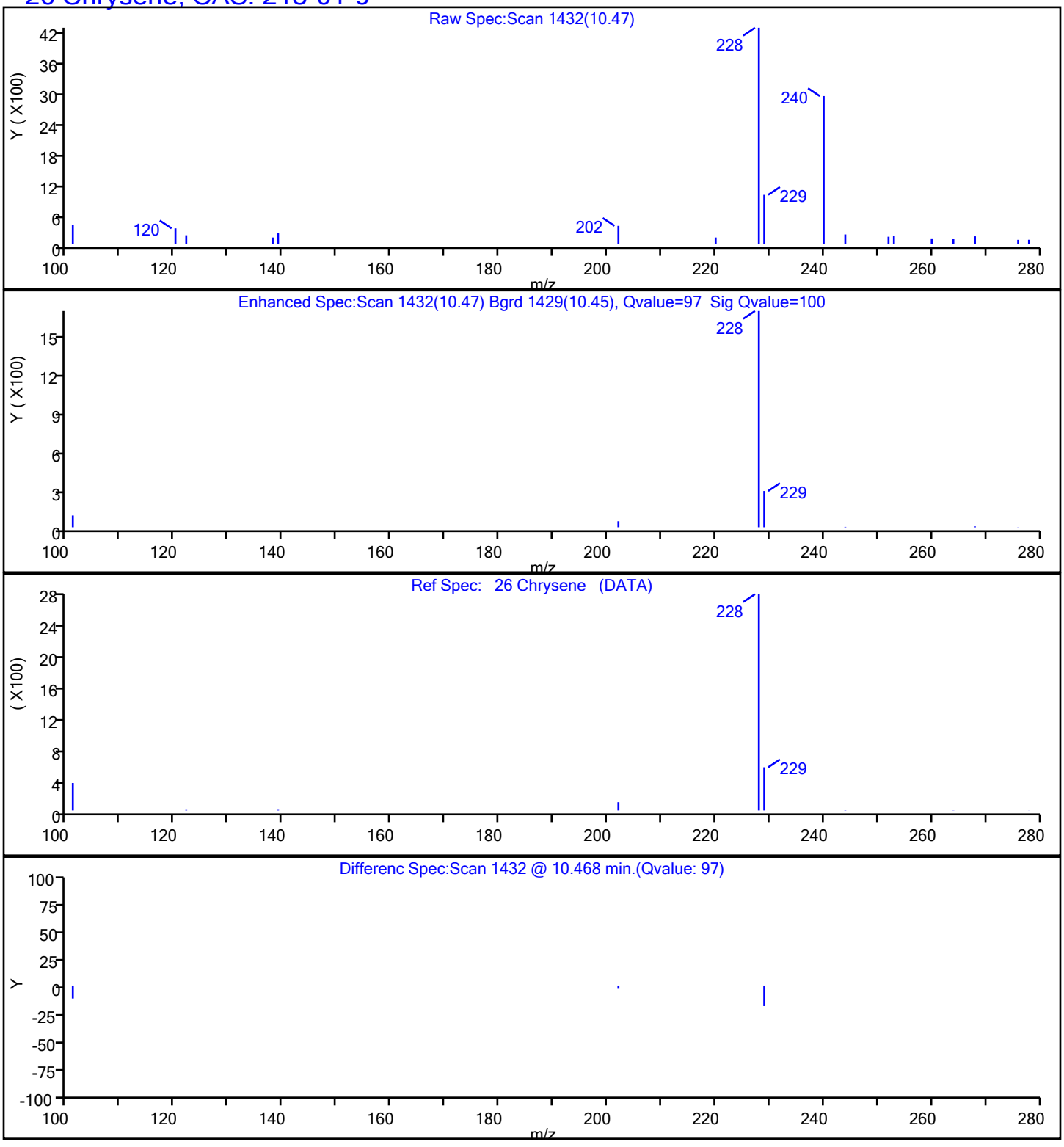
Report Date: 04-Aug-2025 08:29:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D

Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

26 Chrysene, CAS: 218-01-9



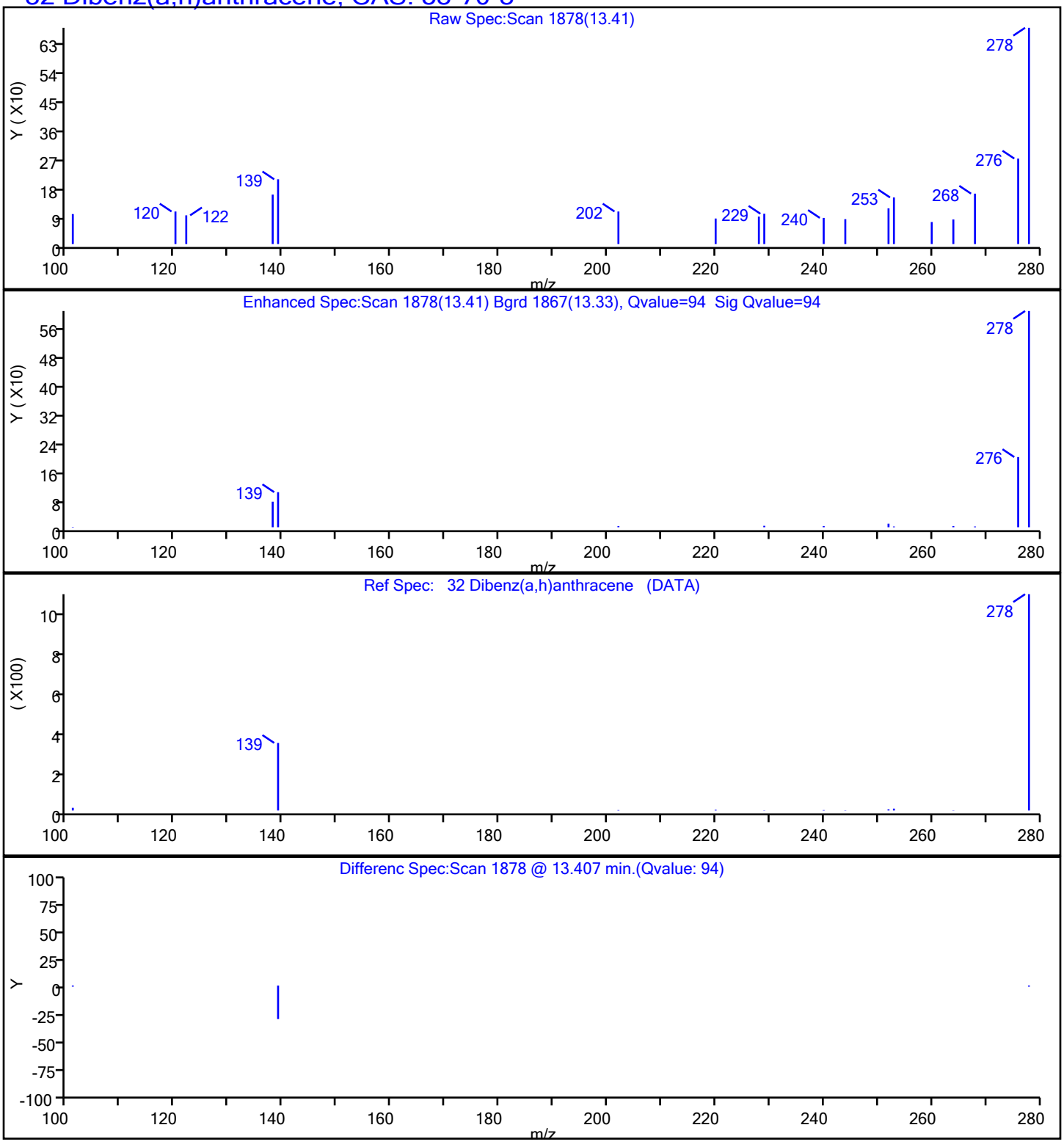
Report Date: 04-Aug-2025 08:29:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D

Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

32 Dibenz(a,h)anthracene, CAS: 53-70-3



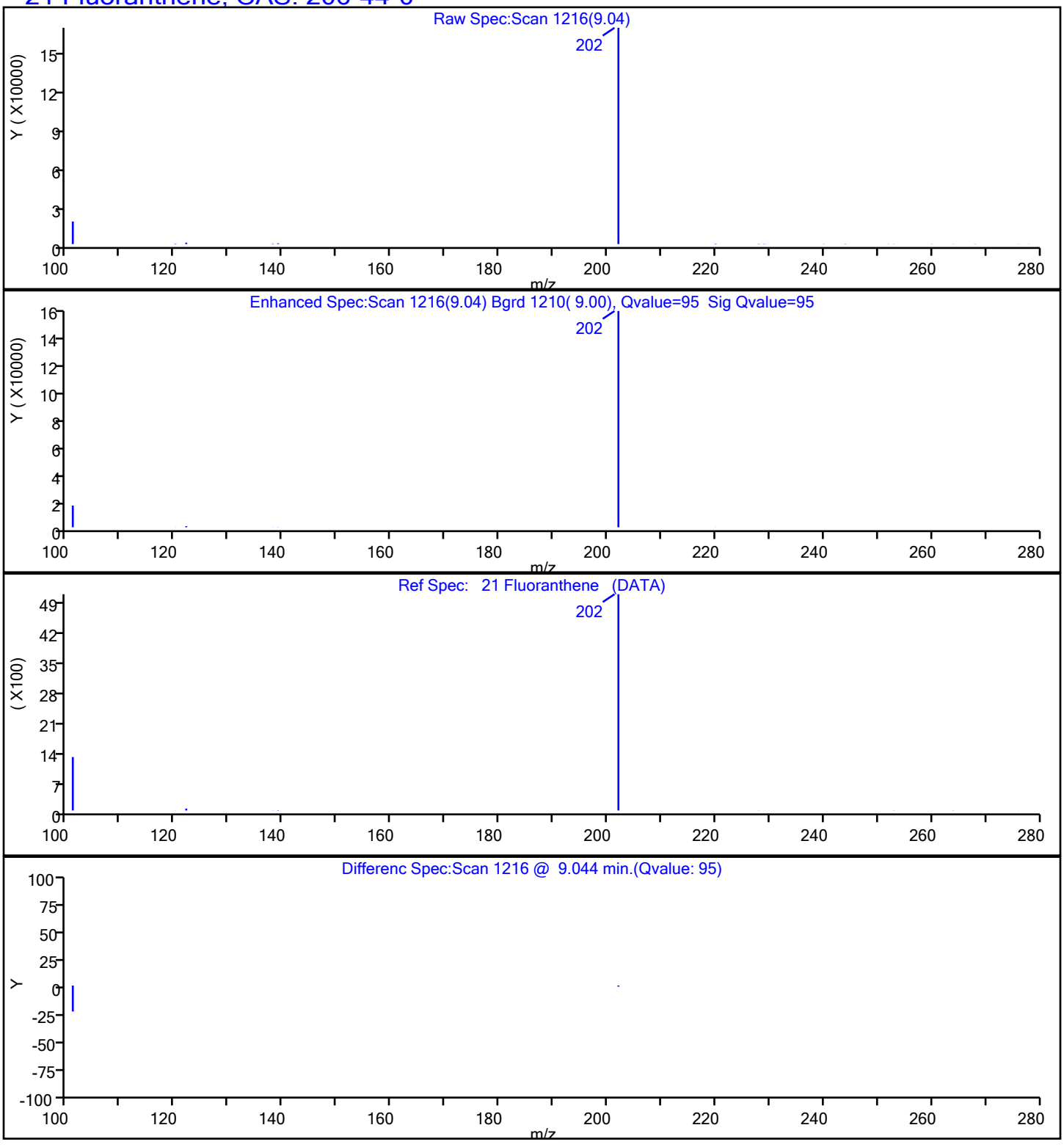
Report Date: 04-Aug-2025 08:29:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D

Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 Fluoranthene, CAS: 206-44-0



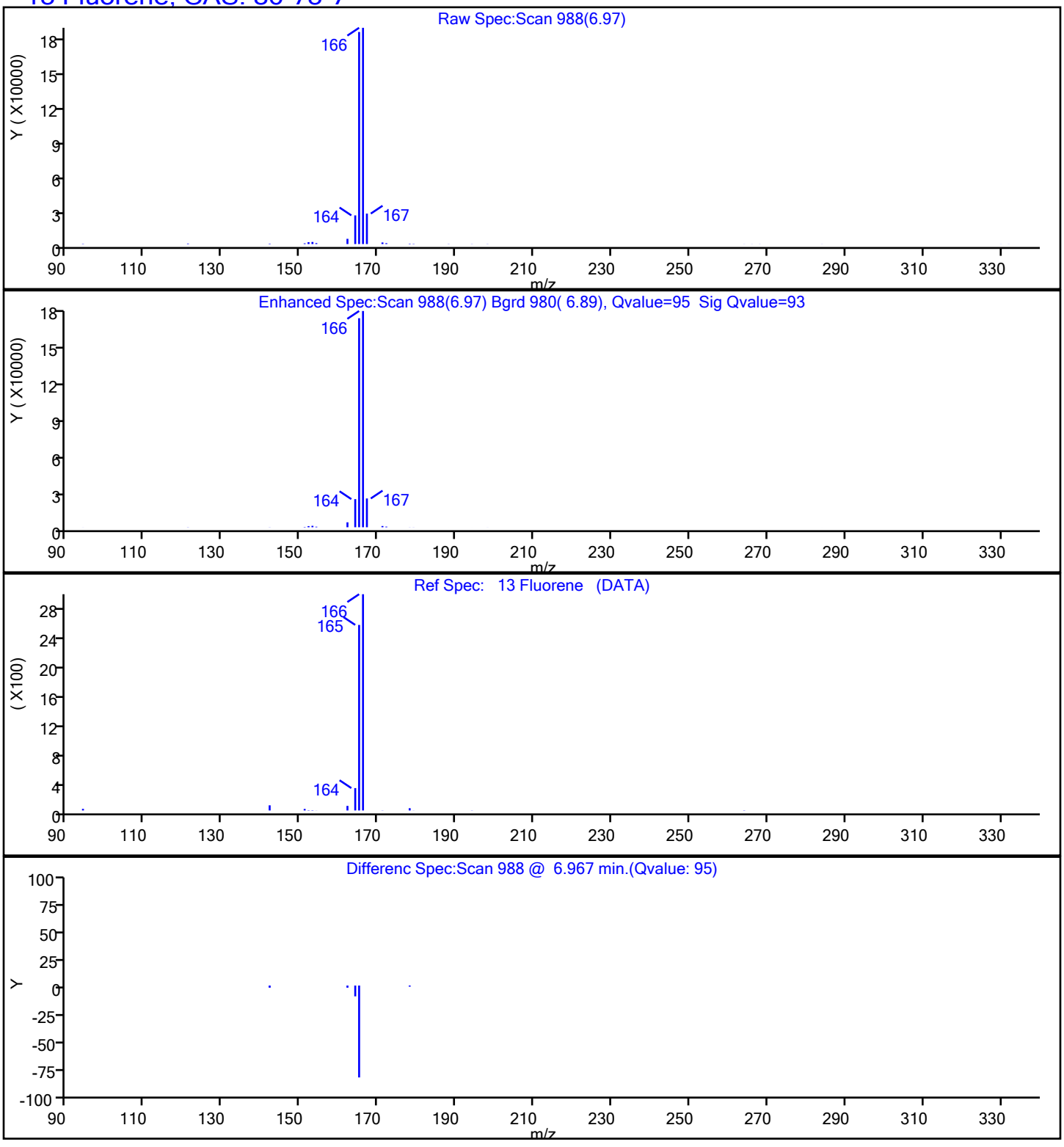
Report Date: 04-Aug-2025 08:29:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D

Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7



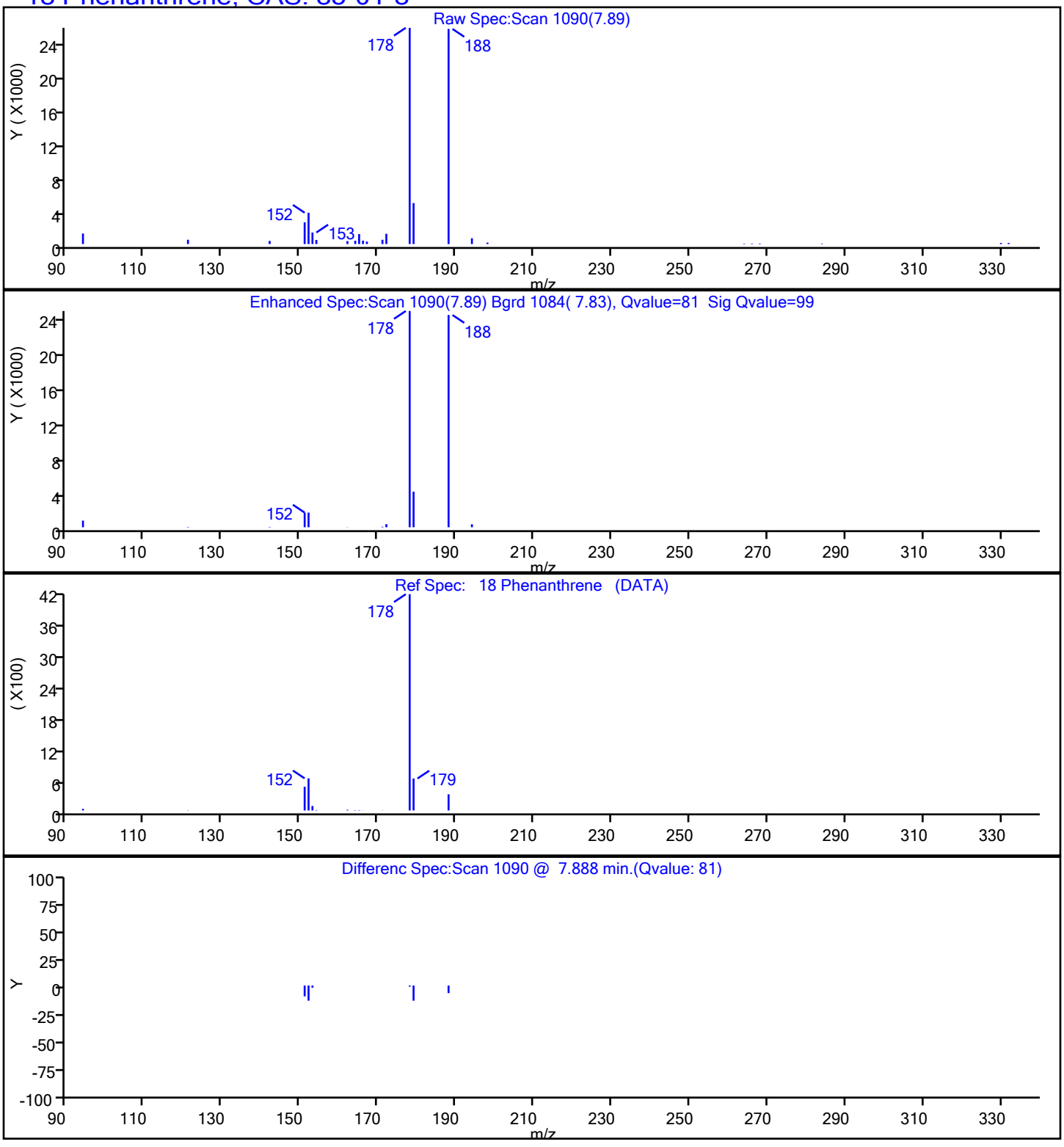
Report Date: 04-Aug-2025 08:29:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D

Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 Phenanthrene, CAS: 85-01-8



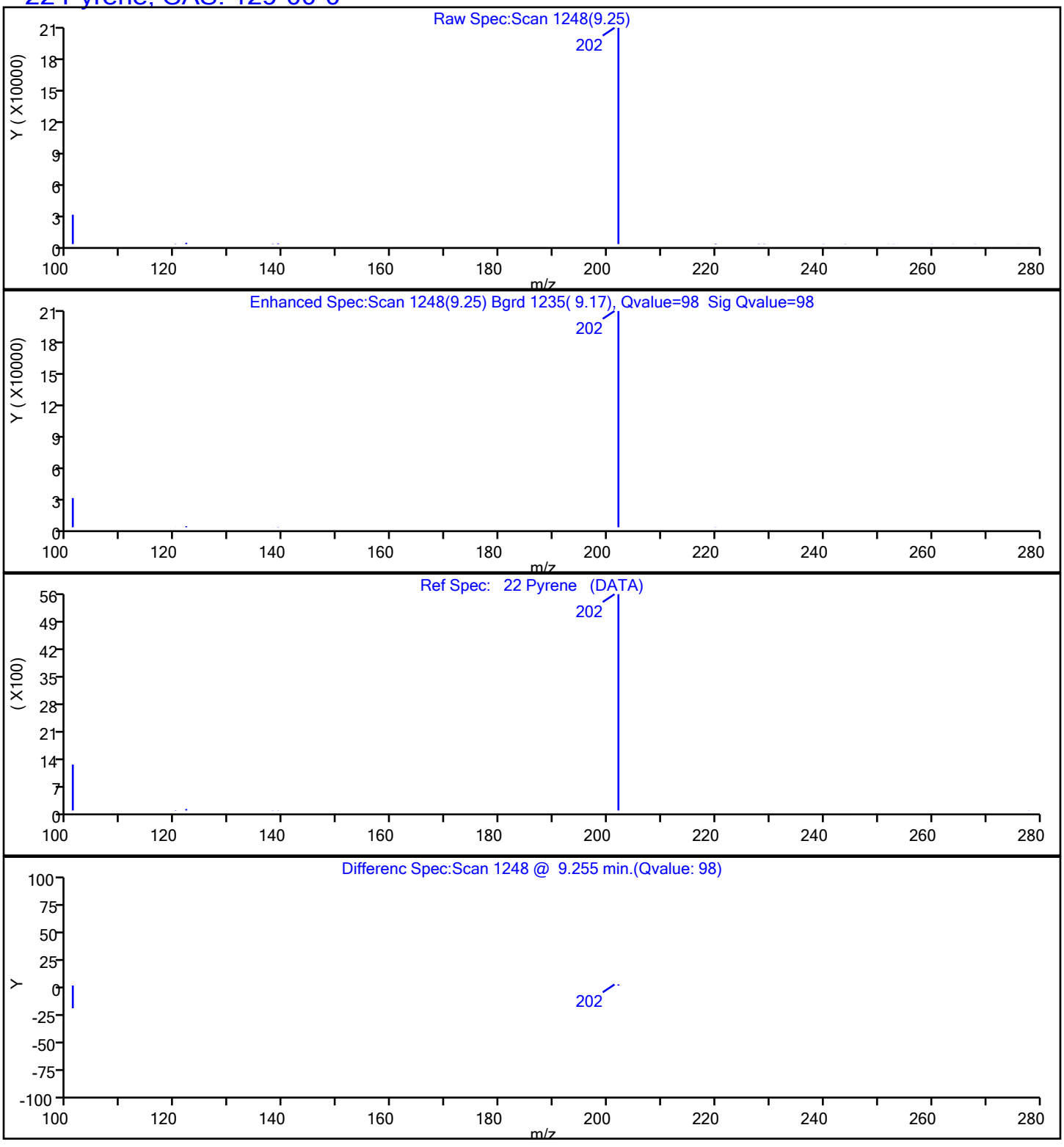
Report Date: 04-Aug-2025 08:29:35 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D

Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

22 Pyrene, CAS: 129-00-0



Manual Integration/User Assign Peak Report

Eurofins Edison

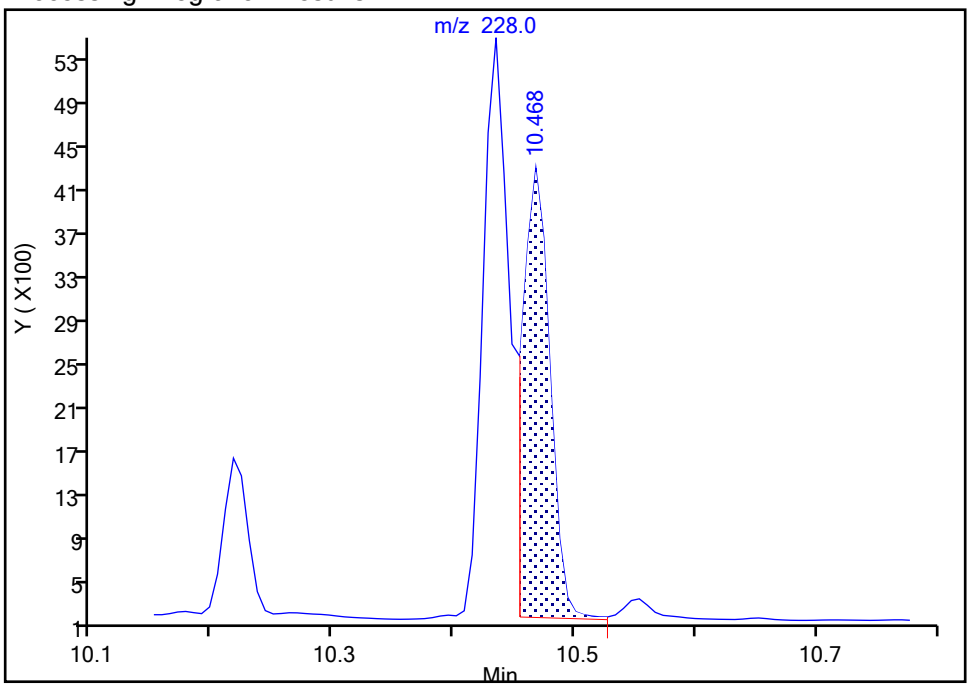
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D				
Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

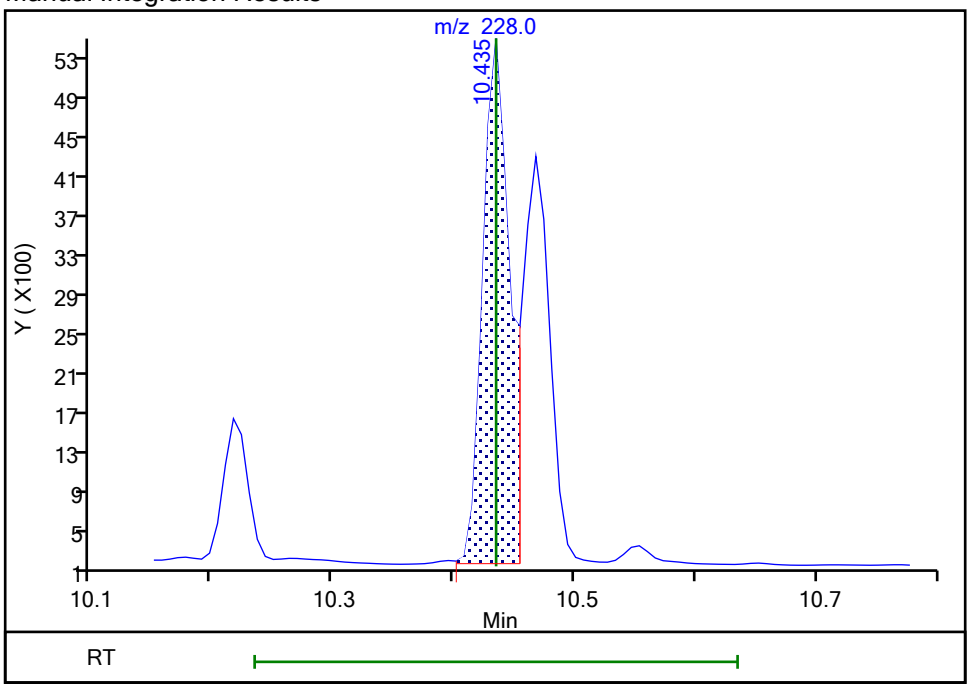
Processing Integration Results

RT: 10.47
Area: 6537
Amount: 0.008563
Amount Units: ug/ml



Manual Integration Results

RT: 10.43
Area: 8558
Amount: 0.011210
Amount Units: ug/ml



Reviewer: U6BX, 01-Aug-2025 22:47:18 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

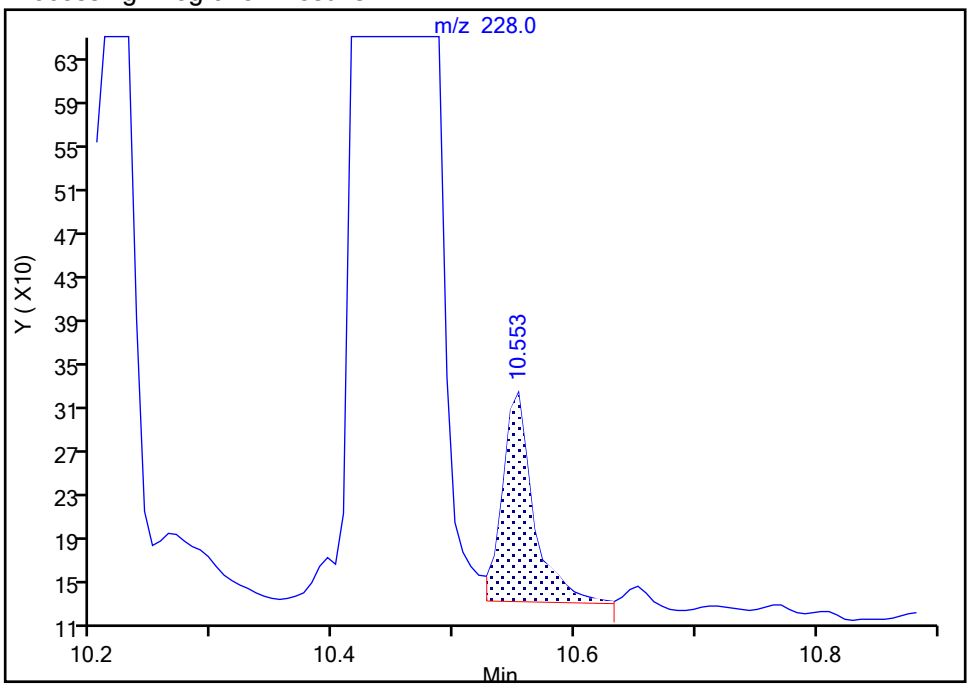
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04811.D				
Injection Date:	01-Aug-2025 22:10:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-2-A	Lab Sample ID:	460-331763-2		
Client ID:	MW-11S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

26 Chrysene, CAS: 218-01-9

Signal: 1

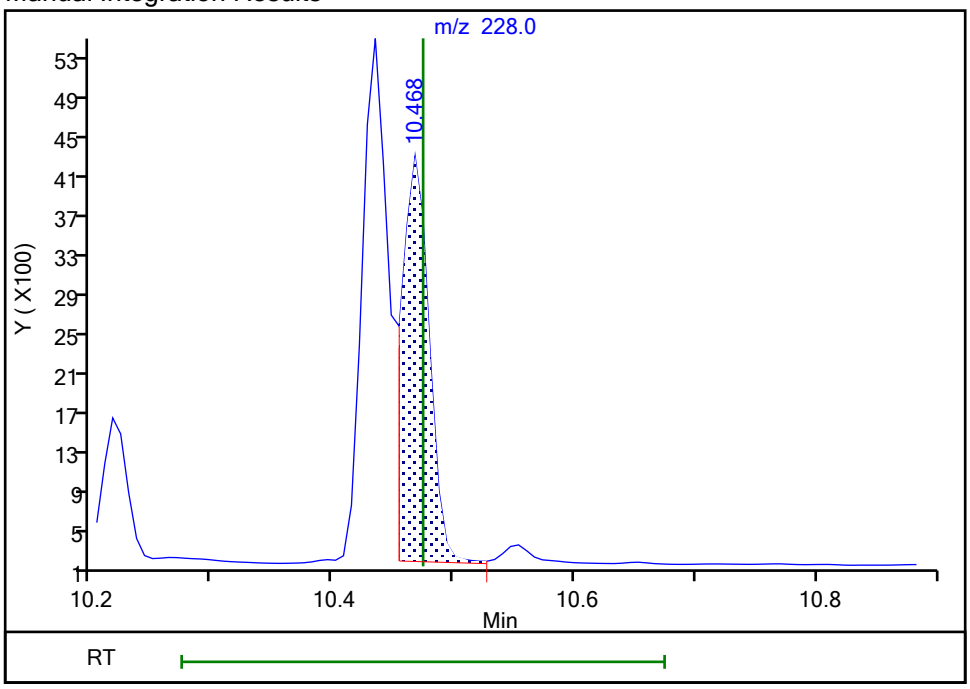
Processing Integration Results

RT: 10.55
Area: 349
Amount: 0.000416
Amount Units: ug/ml



Manual Integration Results

RT: 10.47
Area: 6537
Amount: 0.007786
Amount Units: ug/ml



Reviewer: V5XH, 04-Aug-2025 08:29:19 07:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-8S | Lab Sample ID: 460-331763-3

Matrix: Water | Lab File ID: C04812.D

Analysis Method: 8270E SIM | Date Collected: 07/29/2025 10:45

Extract. Method: 3510C | Date Extracted: 08/01/2025 11:19

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 22:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053368 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS13

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.089		0.050	0.014
208-96-8	Acenaphthylene	0.050	U	0.050	0.015
120-12-7	Anthracene	0.050	U	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.050	U	0.050	0.039
86-73-7	Fluorene	0.014	J	0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.050	U	0.050	0.022
129-00-0	Pyrene	0.050	U	0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	76		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	75		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04812.D
Lims ID: 460-331763-E-3-A
Client ID: MW-8S
Sample Type: Client
Inject. Date: 01-Aug-2025 22:31:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-013
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:29:34 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 23:16:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	152	3.416	3.437	-0.021	98	28361	0.2000	
$ 6 Nitrobenzene-d5	82	3.977	3.998	-0.021	96	1200729	7.48	
* 7 Naphthalene-d8	136	4.694	4.704	-0.010	99	102499	0.2000	
$ 9 2-Fluorobiphenyl	172	5.793	5.802	0.000	96	3275676	7.57	
* 11 Acenaphthene-d10	164	6.425	6.434	-0.009	97	60242	0.2000	
12 Acenaphthene	154	6.462	6.470	0.001	95	3890	0.0112	
13 Fluorene	166	7.003	6.976	0.036	49	702	0.001712	
* 17 Phenanthrene-d10	188	7.870	7.870	0.000	100	130027	0.2000	
* 25 Chrysene-d12	240	10.441	10.448	-0.007	92	98520	0.2000	
* 30 Perylene-d12	264	12.069	12.076	-0.007	100	89415	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

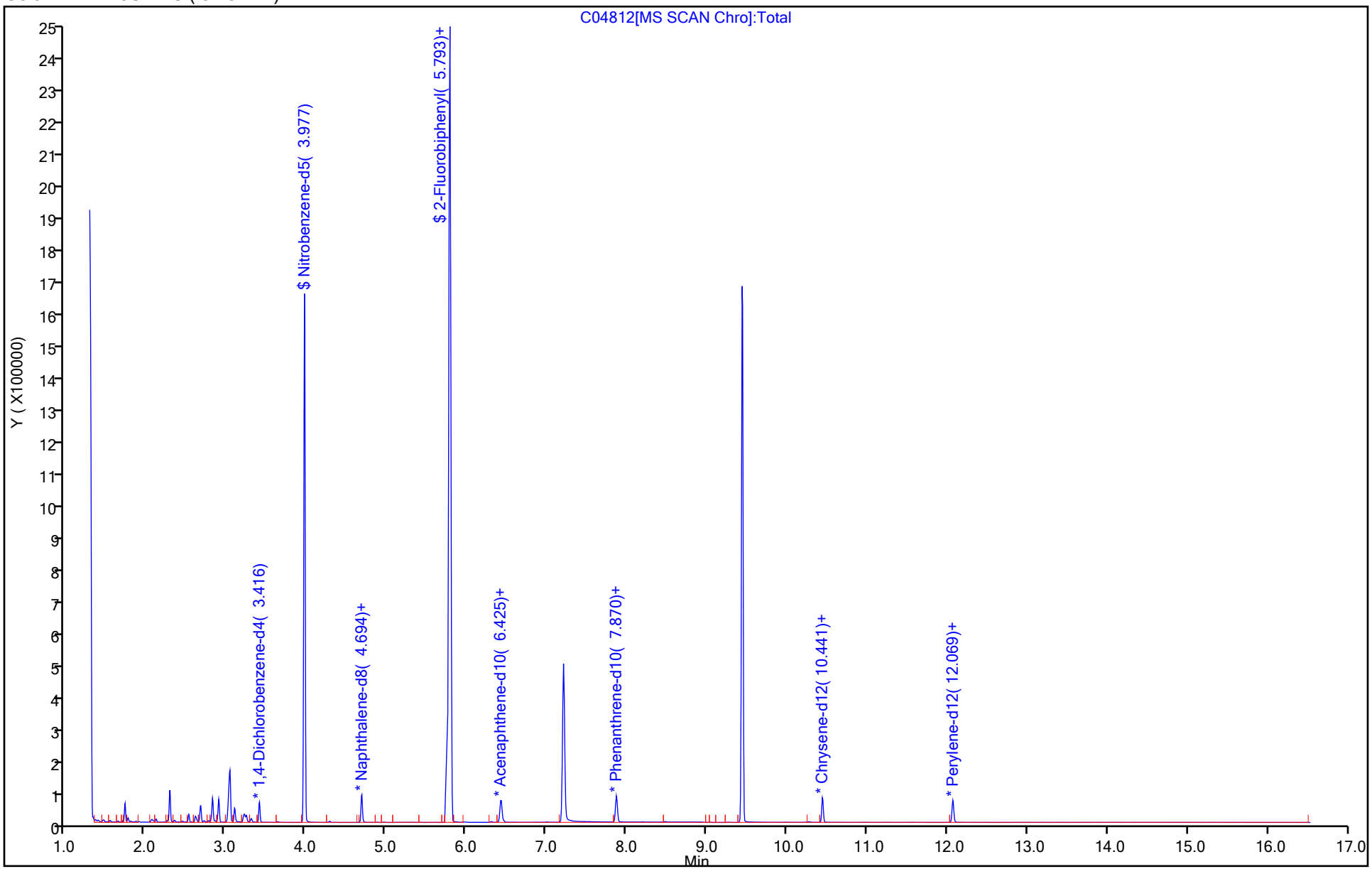
Report Date: 04-Aug-2025 08:30:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04812.D

Injection Date:	01-Aug-2025 22:31:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	460-331763-E-3-A	Lab Sample ID:	460-331763-3	Worklist Smp#:	13
Client ID:	MW-8S				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04812.D
Lims ID: 460-331763-E-3-A
Client ID: MW-8S
Sample Type: Client
Inject. Date: 01-Aug-2025 22:31:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-013
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:29:34 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 23:16:57

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	7.48	74.78
$ 9 2-Fluorobiphenyl	10.0	7.57	75.69

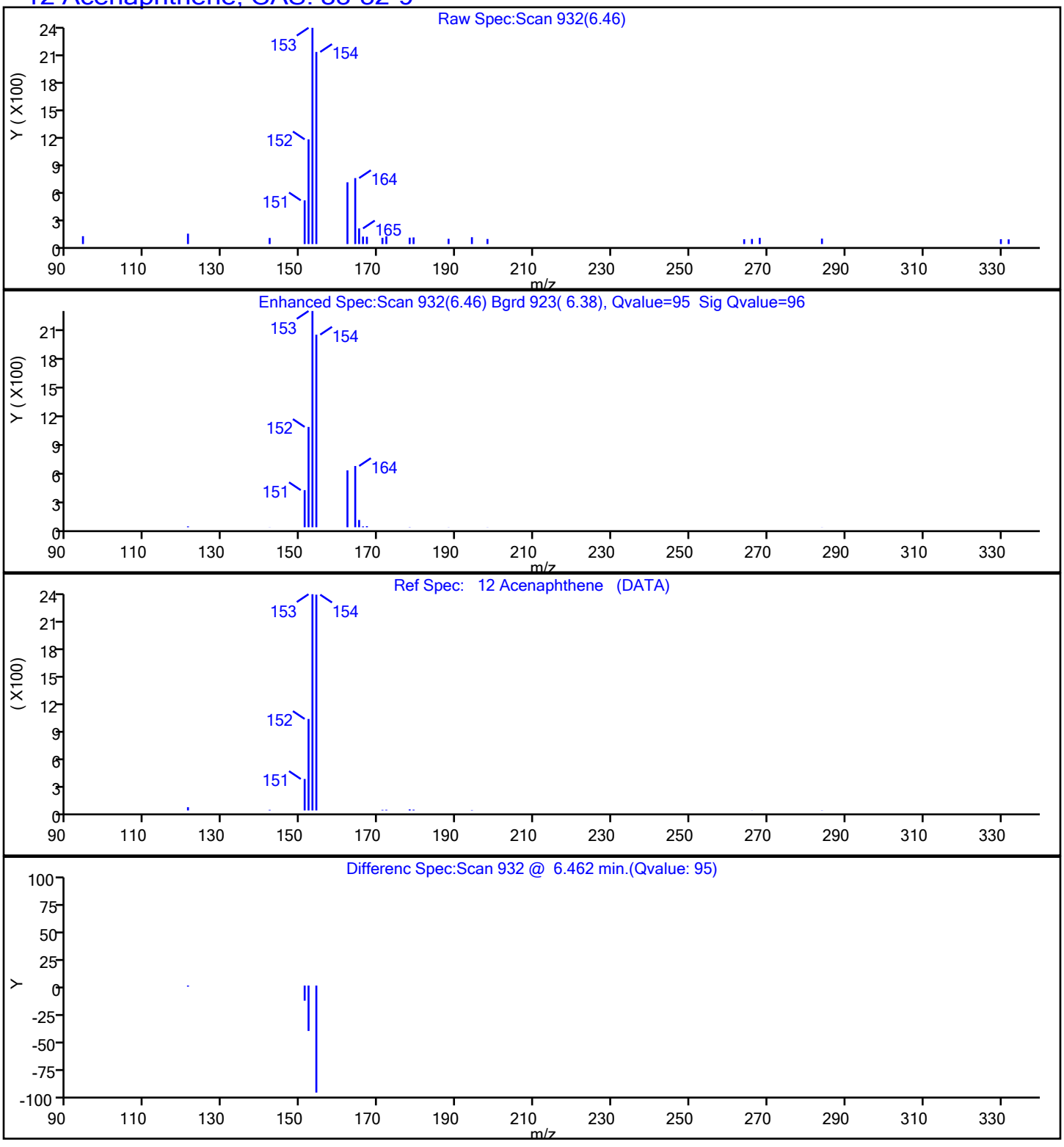
Report Date: 04-Aug-2025 08:30:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04812.D

Injection Date:	01-Aug-2025 22:31:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-3-A	Lab Sample ID:	460-331763-3		
Client ID:	MW-8S				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

12 Acenaphthene, CAS: 83-32-9



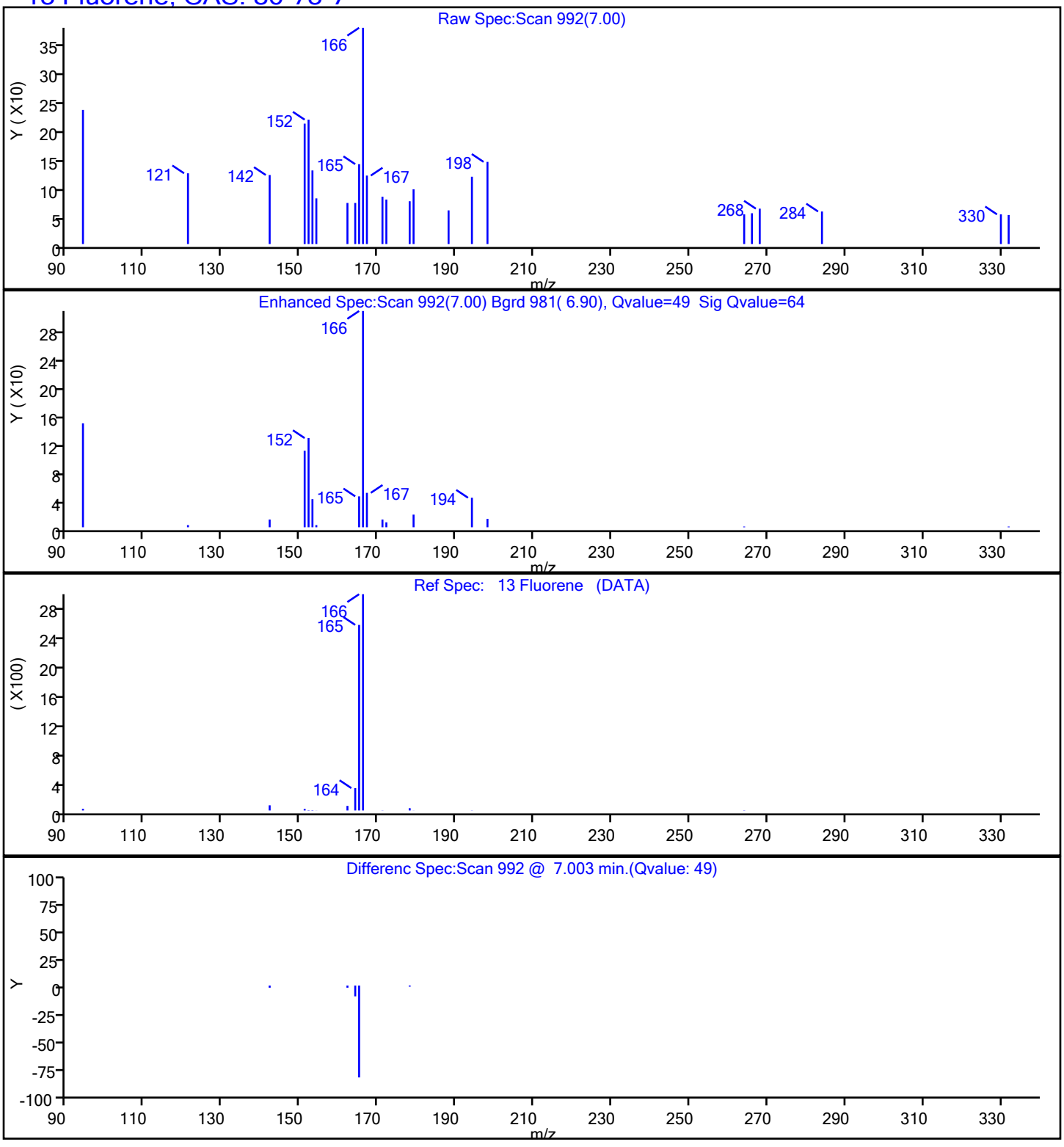
Report Date: 04-Aug-2025 08:30:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04812.D

Injection Date:	01-Aug-2025 22:31:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-3-A	Lab Sample ID:	460-331763-3		
Client ID:	MW-8S				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-331763-4

Matrix: Water | Lab File ID: C04813.D

Analysis Method: 8270E SIM | Date Collected: 07/29/2025 11:35

Extract. Method: 3510C | Date Extracted: 08/01/2025 11:19

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 22:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053368 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS13

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	15		0.050	0.014
208-96-8	Acenaphthylene	1.3		0.050	0.015
120-12-7	Anthracene	0.87		0.050	0.025
56-55-3	Benzo[a]anthracene	0.10		0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	5.1		0.050	0.039
86-73-7	Fluorene	4.6		0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	28		0.20	0.12
85-01-8	Phenanthrene	7.3		0.050	0.022
129-00-0	Pyrene	4.8		0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	65		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	64		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D
Lims ID: 460-331763-E-4-A
Client ID: MW-3
Sample Type: Client
Inject. Date: 01-Aug-2025 22:52:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-014
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:29:34 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 01-Aug-2025 23:17:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	152	3.416	3.437	-0.021	100	28831	0.2000	
$ 6 Nitrobenzene-d5	82	3.982	3.998	-0.016	95	1058821	6.43	
* 7 Naphthalene-d8	136	4.694	4.704	-0.010	86	105196	0.2000	
8 Naphthalene	128	4.714	4.725	-0.011	100	1972474	3.49	
$ 9 2-Fluorobiphenyl	172	5.793	5.802	0.000	96	3024279	6.49	
10 Acenaphthylene	152	6.290	6.299	0.000	100	92204	0.1567	
* 11 Acenaphthene-d10	164	6.434	6.434	0.000	95	64870	0.2000	
12 Acenaphthene	154	6.461	6.470	0.000	95	721364	1.92	
13 Fluorene	166	6.967	6.976	0.000	93	254762	0.5768	
* 17 Phenanthrene-d10	188	7.870	7.870	0.000	100	133293	0.2000	
18 Phenanthrene	178	7.897	7.897	0.000	96	712246	0.9090	
19 Anthracene	178	7.942	7.942	0.000	1	77556	0.1084	a
21 Fluoranthene	202	9.044	9.044	0.000	95	457407	0.6316	
22 Pyrene	202	9.255	9.255	0.000	97	535855	0.5988	
24 Benzo[a]anthracene	228	10.435	10.435	0.000	14	8895	0.0129	a
* 25 Chrysene-d12	240	10.441	10.448	-0.007	94	99031	0.2000	
* 30 Perylene-d12	264	12.069	12.076	-0.007	100	90125	0.2000	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

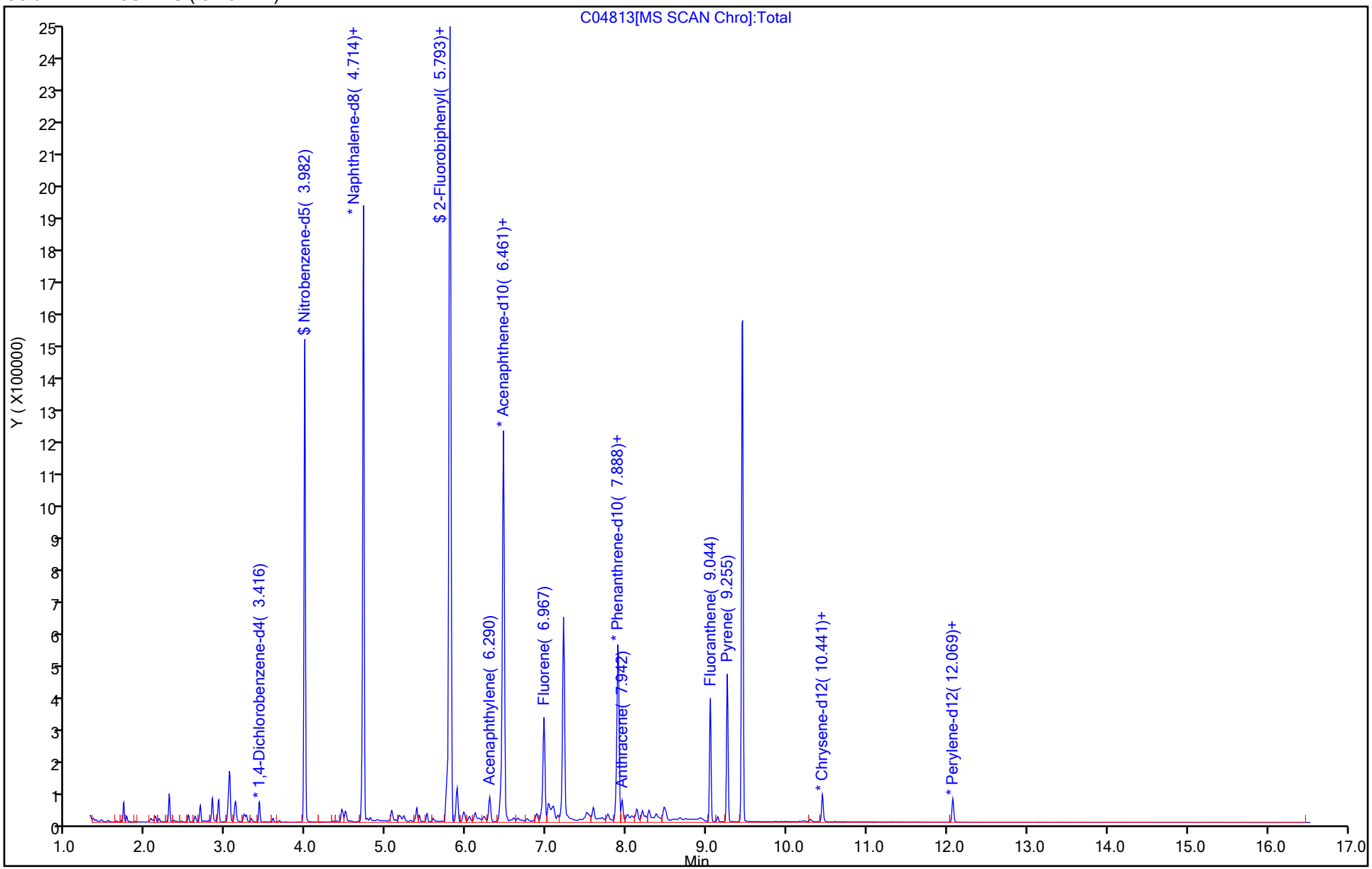
Report Date: 04-Aug-2025 08:32:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D

Injection Date:	01-Aug-2025 22:52:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4	Worklist Smp#:	14
Client ID:	MW-3				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D
Lims ID: 460-331763-E-4-A
Client ID: MW-3
Sample Type: Client
Inject. Date: 01-Aug-2025 22:52:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-014
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:29:34 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

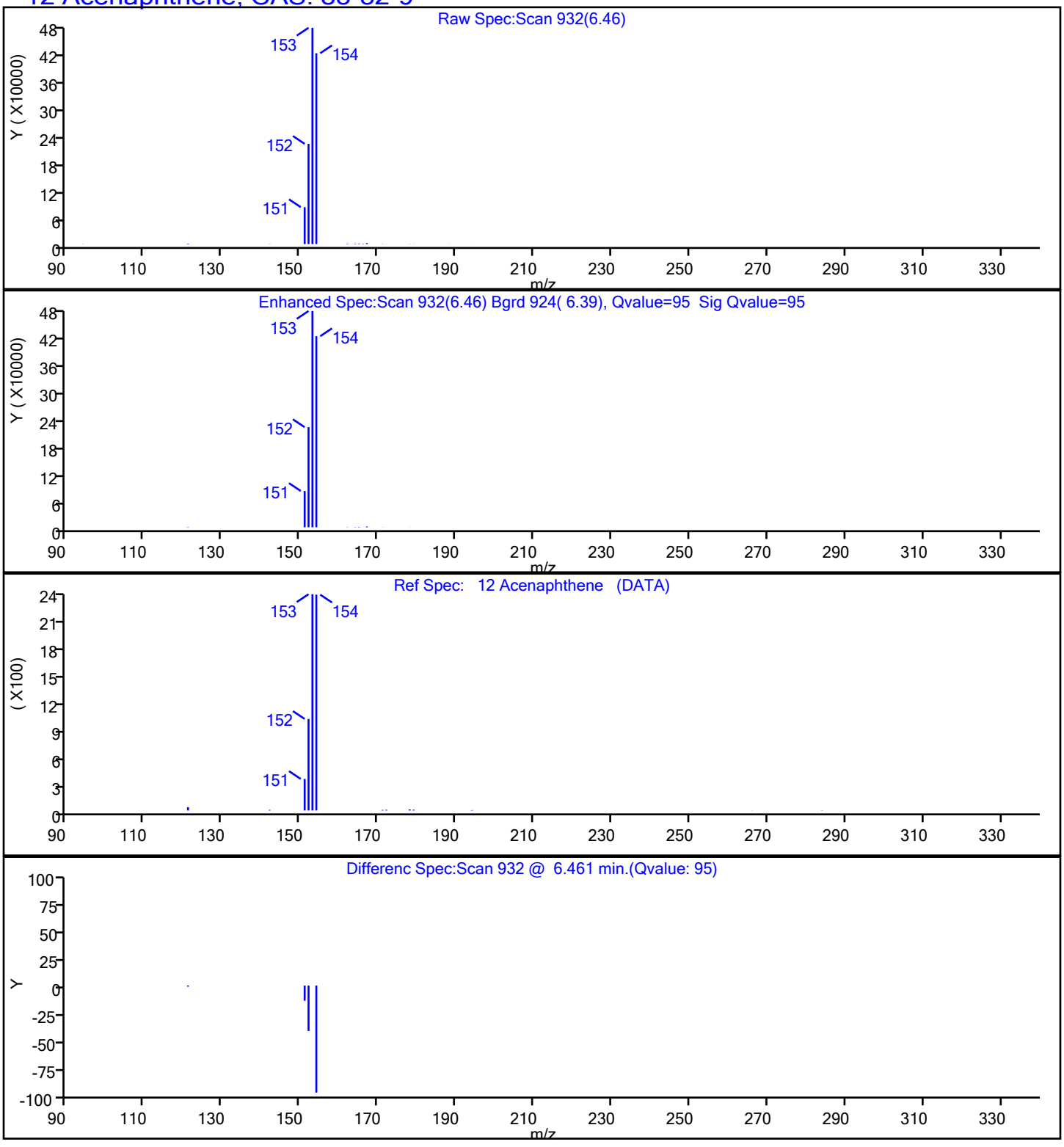
First Level Reviewer: U6BX Date: 01-Aug-2025 23:17:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	6.43	64.25
$ 9 2-Fluorobiphenyl	10.0	6.49	64.90

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D				
Injection Date:	01-Aug-2025 22:52:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

12 Acenaphthene, CAS: 83-32-9



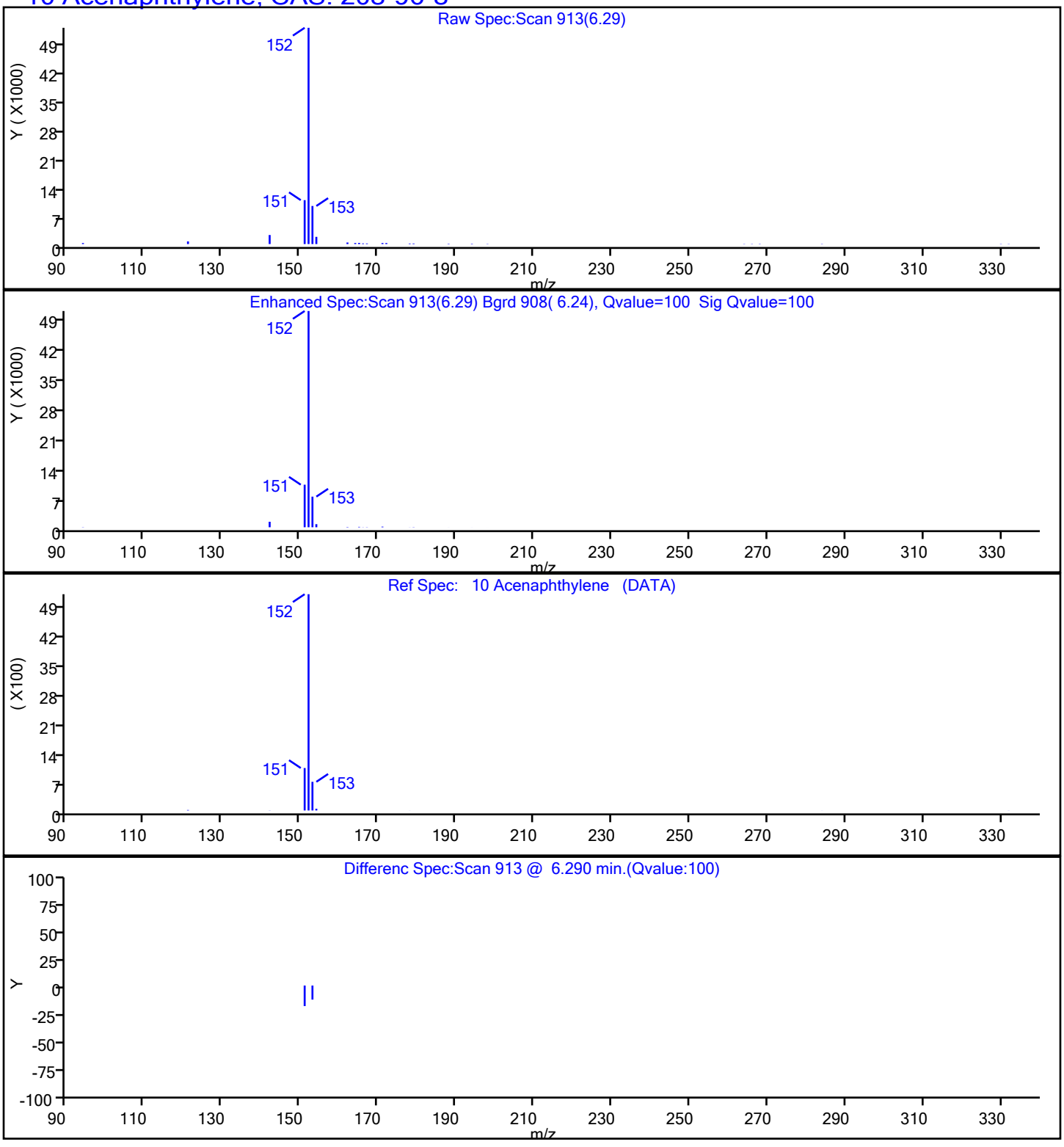
Report Date: 04-Aug-2025 08:32:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D

Injection Date:	01-Aug-2025 22:52:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

10 Acenaphthylene, CAS: 208-96-8



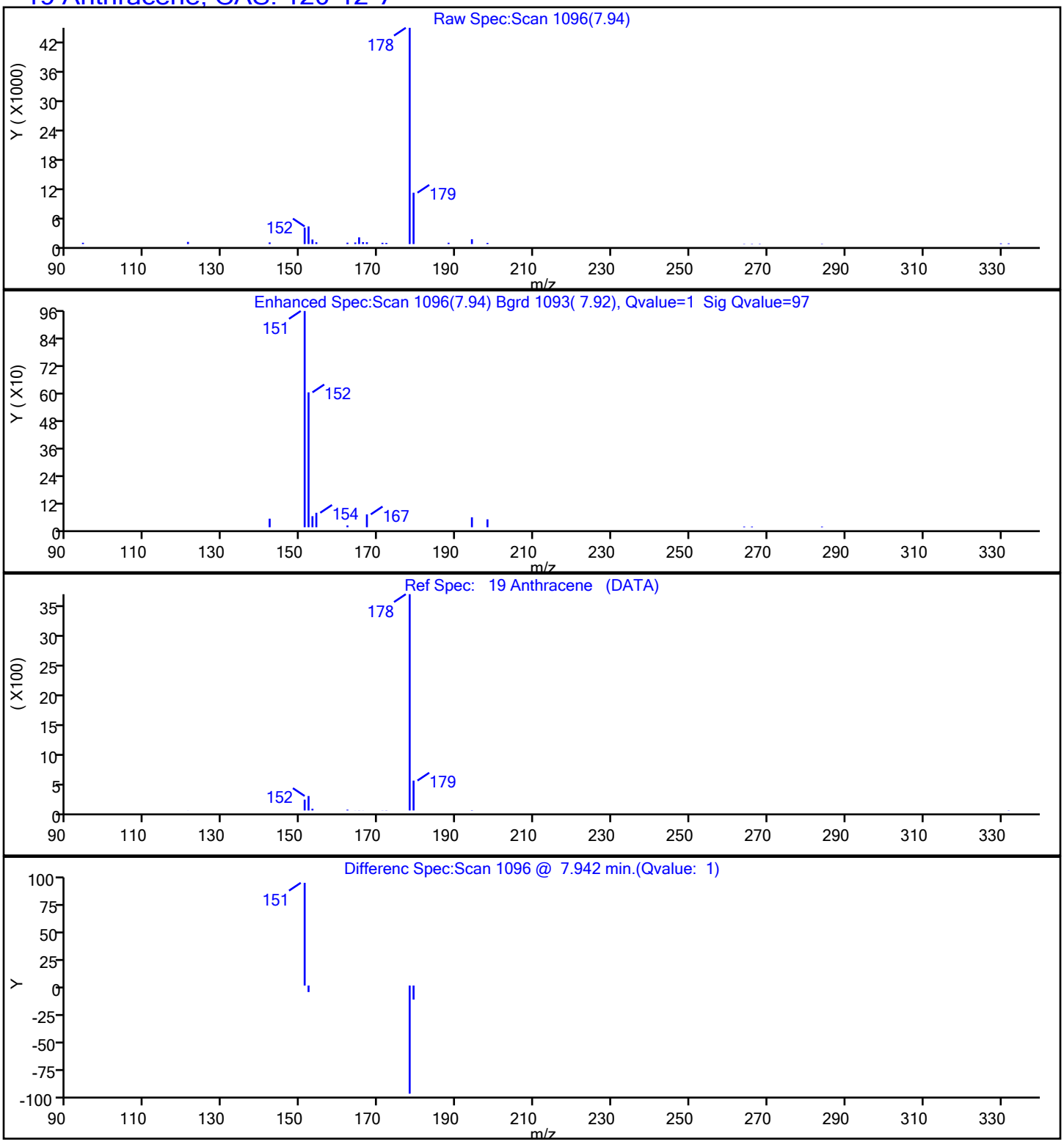
Report Date: 04-Aug-2025 08:32:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D

Injection Date:	01-Aug-2025 22:52:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

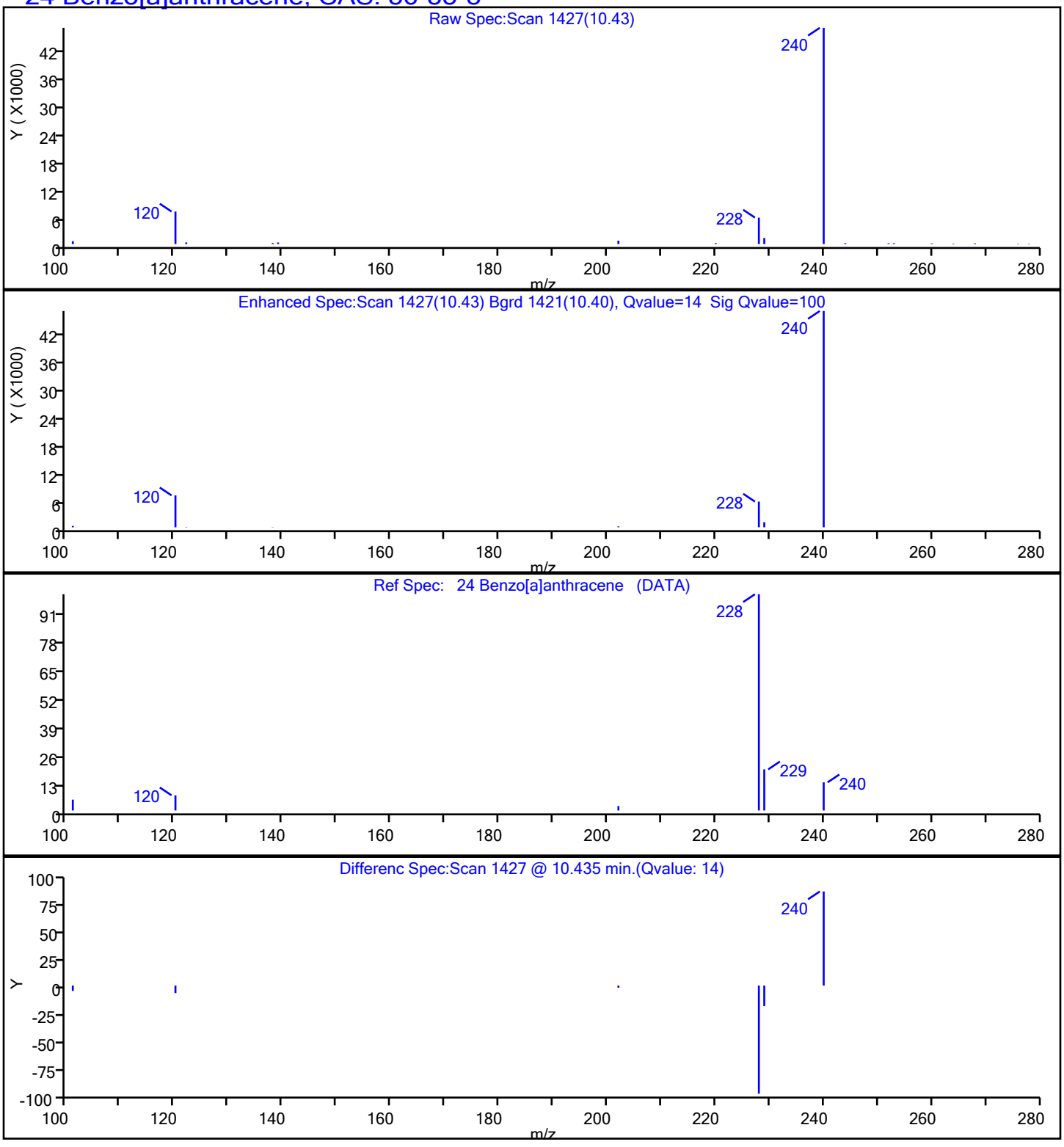
19 Anthracene, CAS: 120-12-7



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D				
Injection Date:	01-Aug-2025 22:52:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3



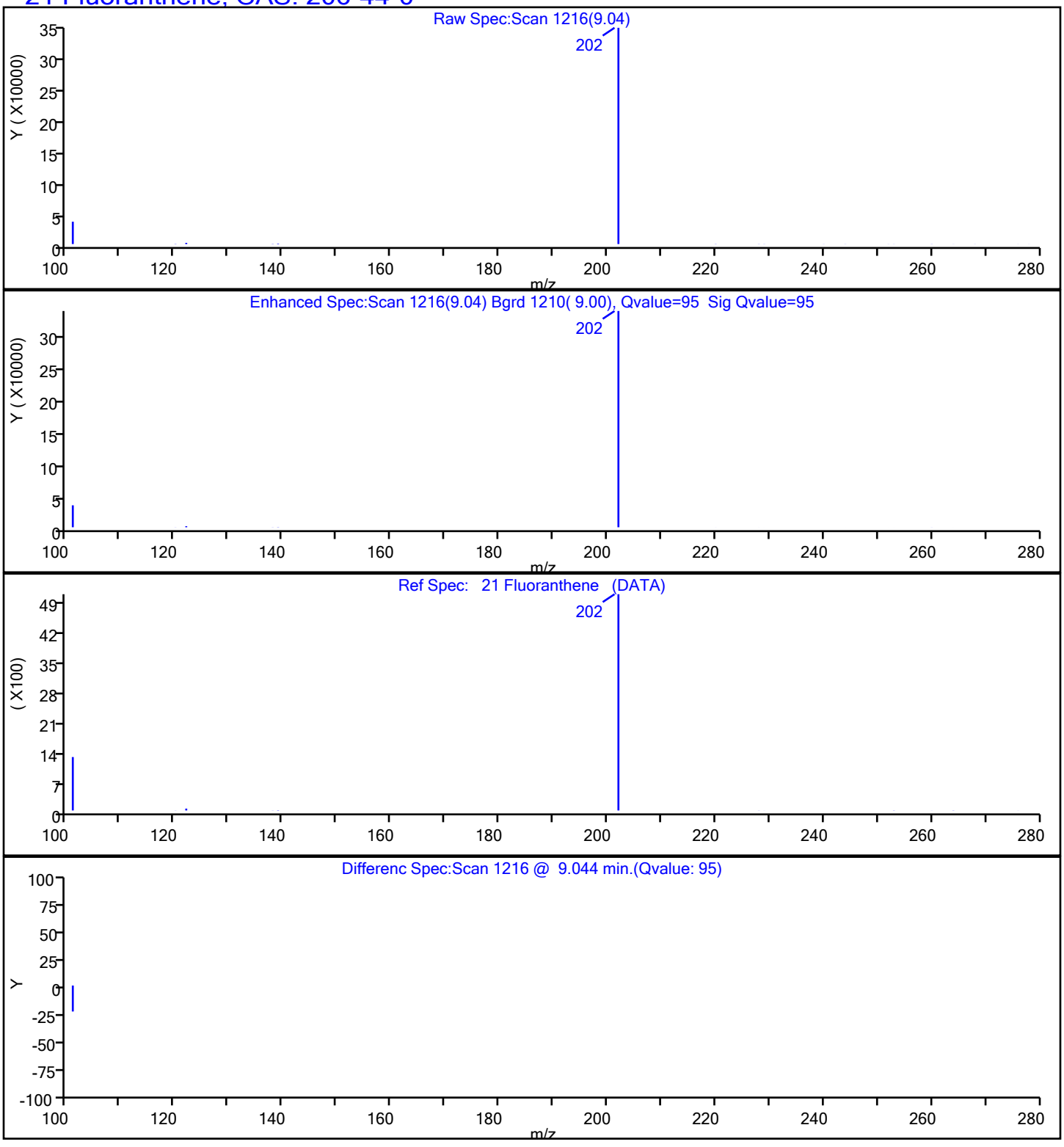
Report Date: 04-Aug-2025 08:32:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D

Injection Date:	01-Aug-2025 22:52:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

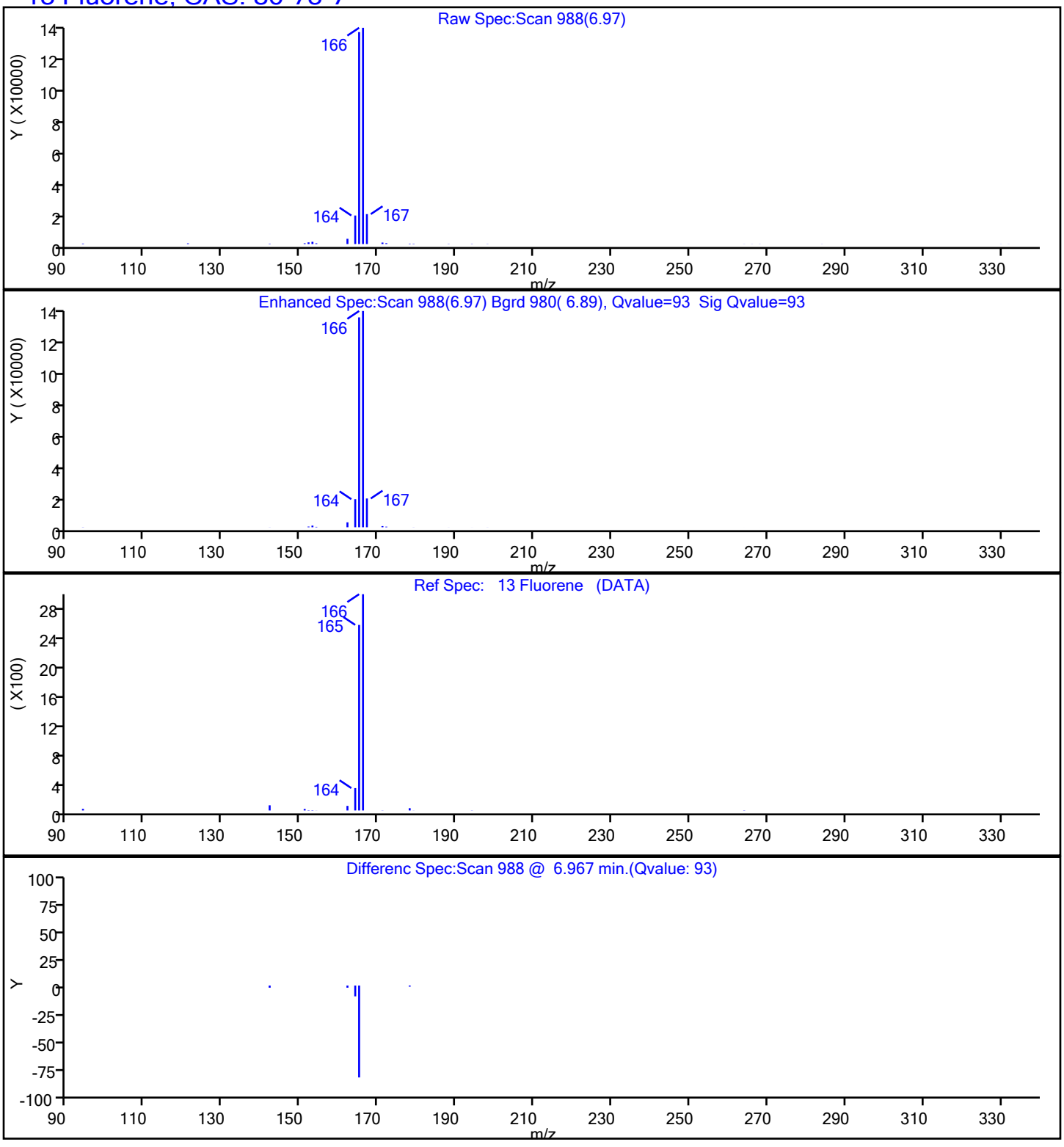
21 Fluoranthene, CAS: 206-44-0



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D				
Injection Date:	01-Aug-2025 22:52:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7



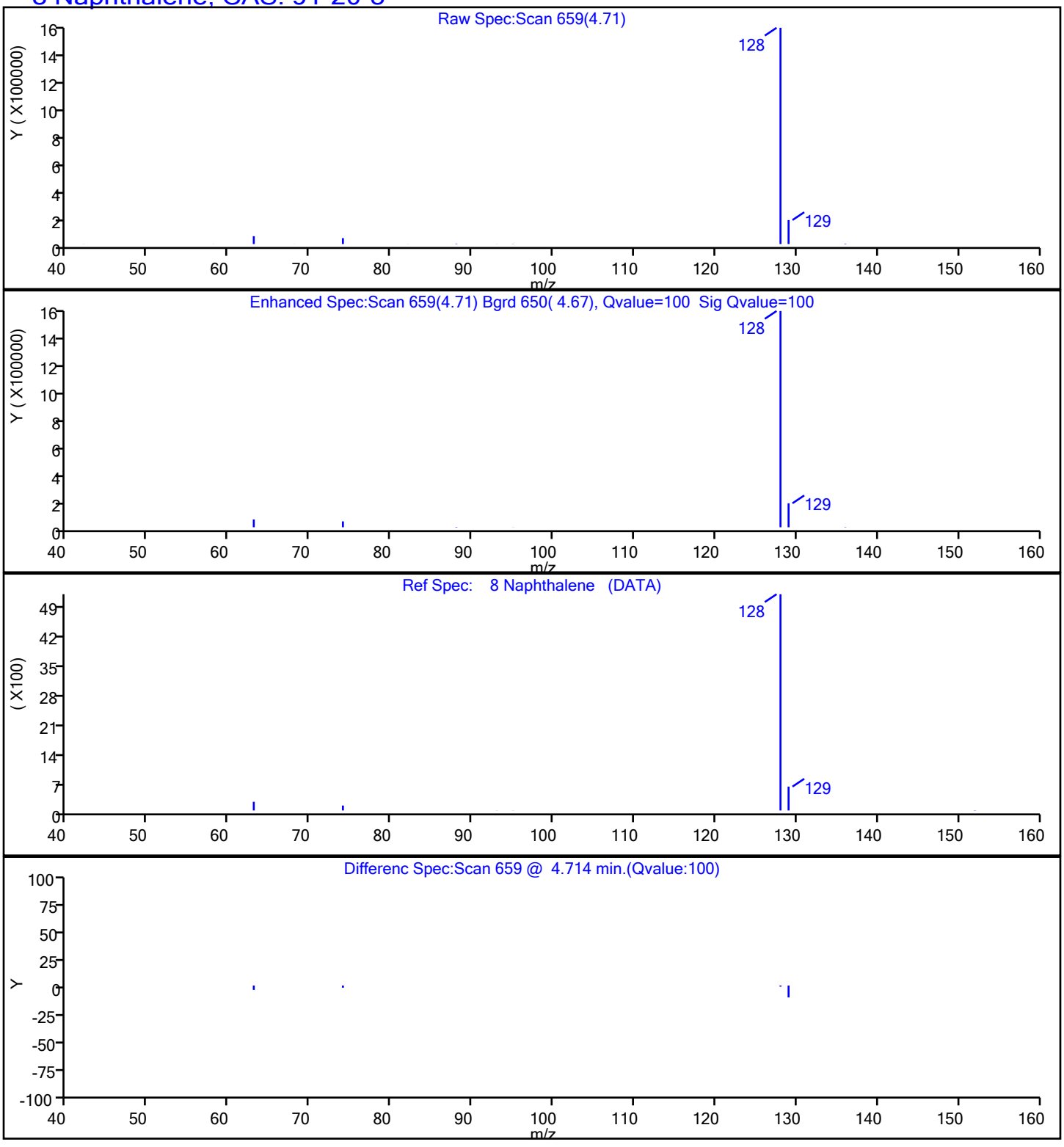
Report Date: 04-Aug-2025 08:32:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D

Injection Date:	01-Aug-2025 22:52:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

8 Naphthalene, CAS: 91-20-3



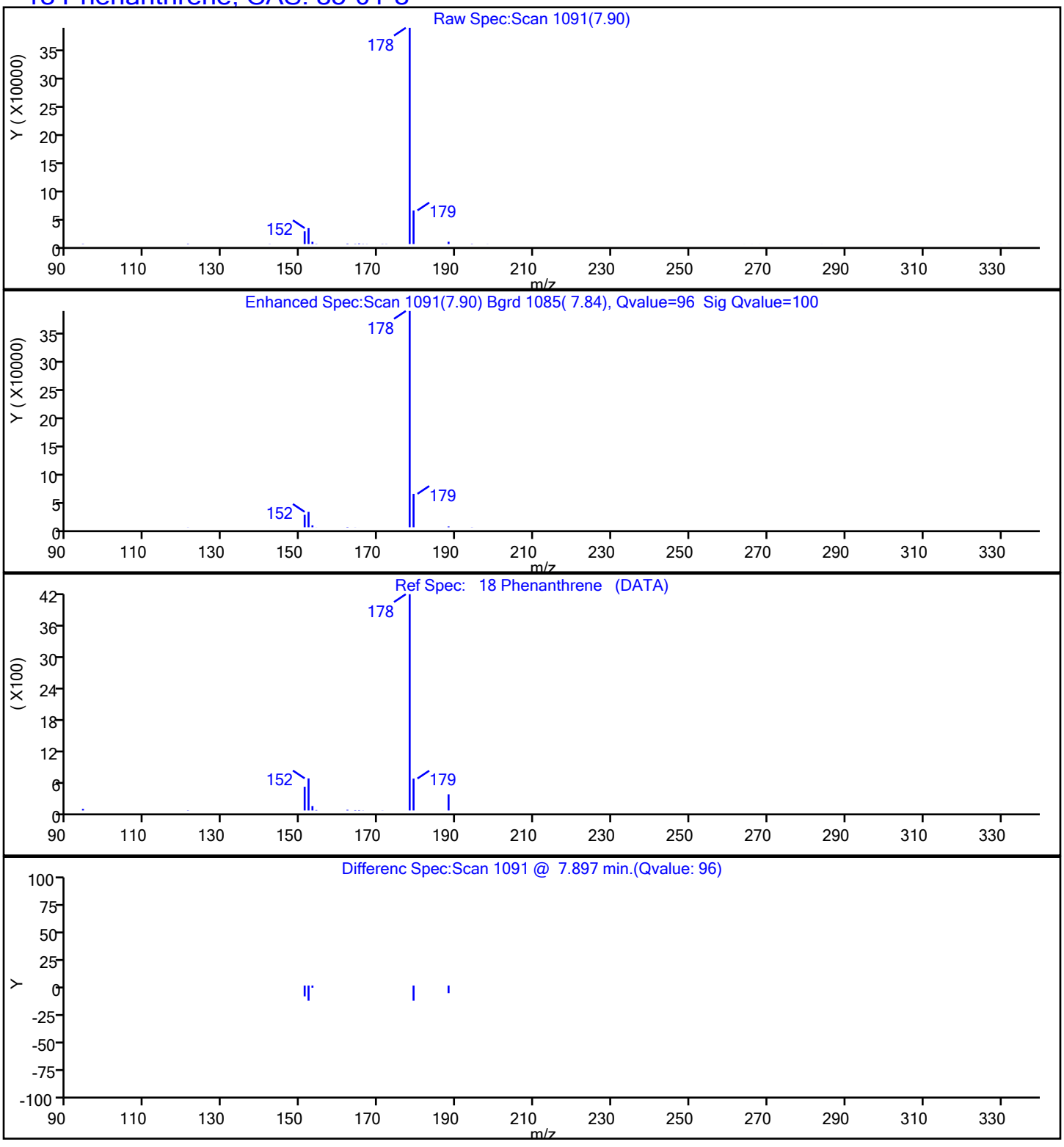
Report Date: 04-Aug-2025 08:32:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D

Injection Date:	01-Aug-2025 22:52:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 Phenanthrene, CAS: 85-01-8



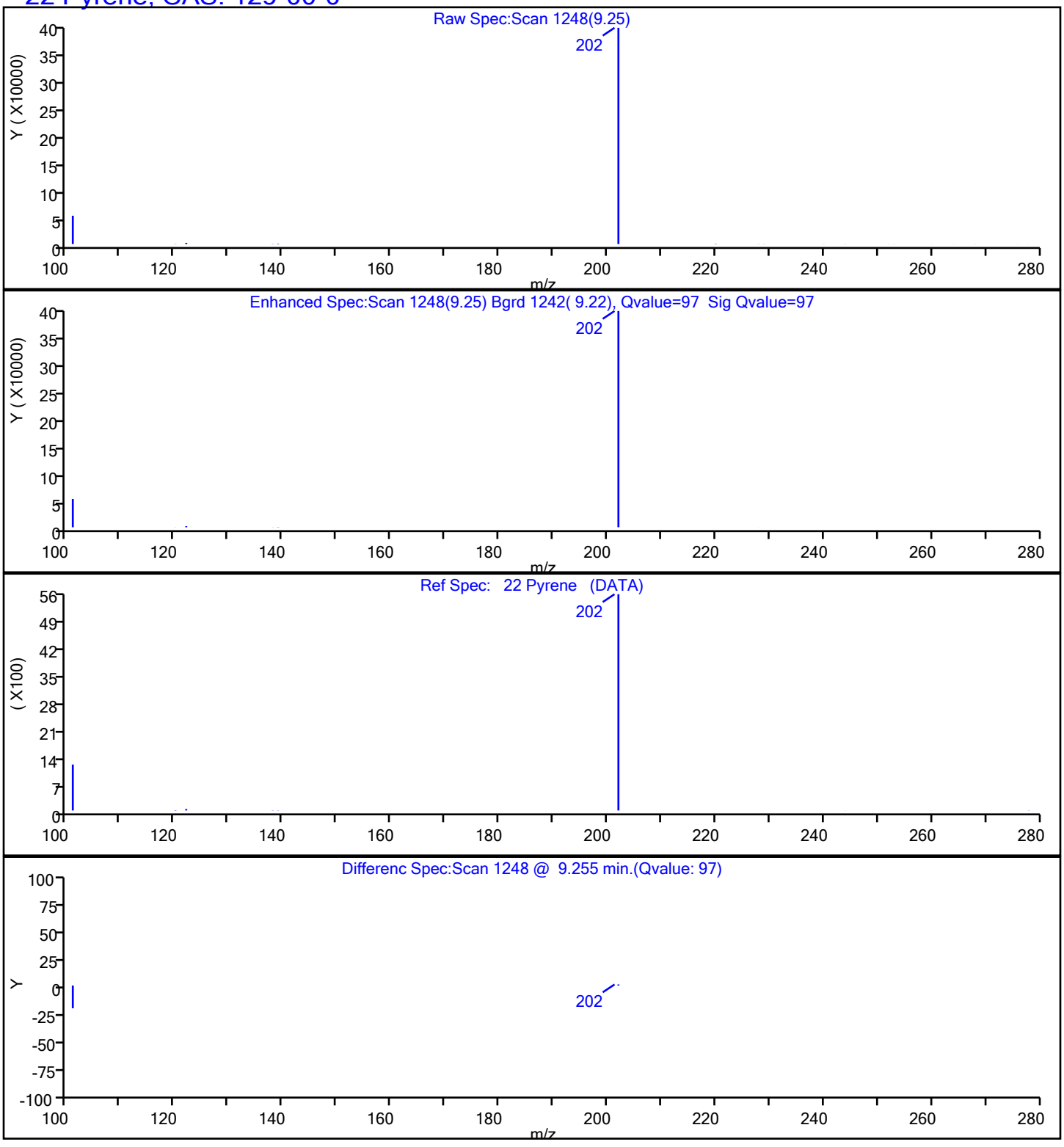
Report Date: 04-Aug-2025 08:32:32 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D

Injection Date:	01-Aug-2025 22:52:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

22 Pyrene, CAS: 129-00-0



Manual Integration/User Assign Peak Report

Eurofins Edison

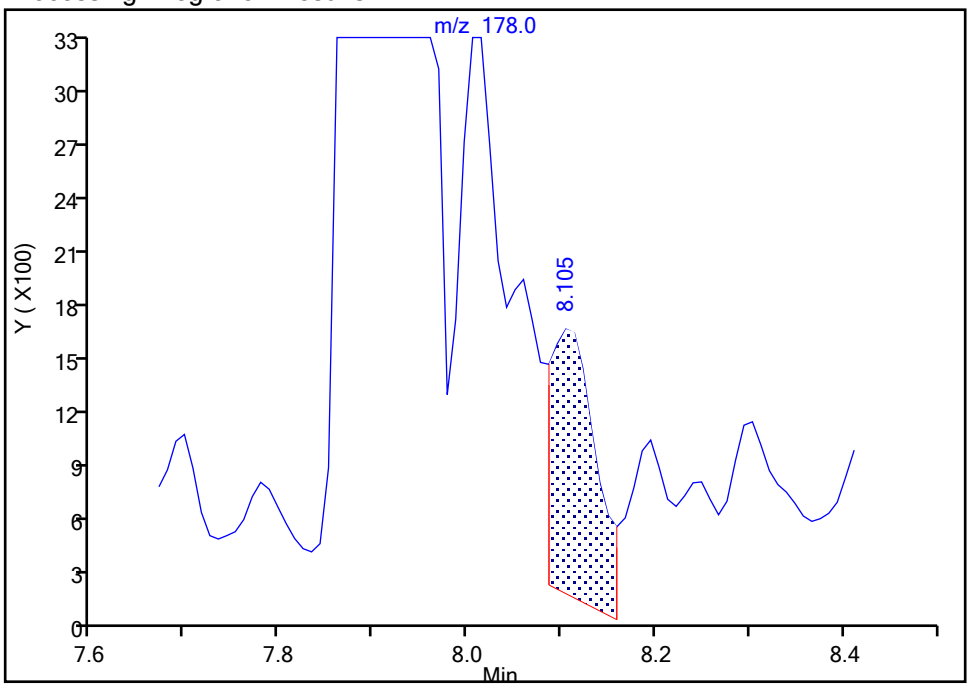
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D				
Injection Date:	01-Aug-2025 22:52:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

19 Anthracene, CAS: 120-12-7

Signal: 1

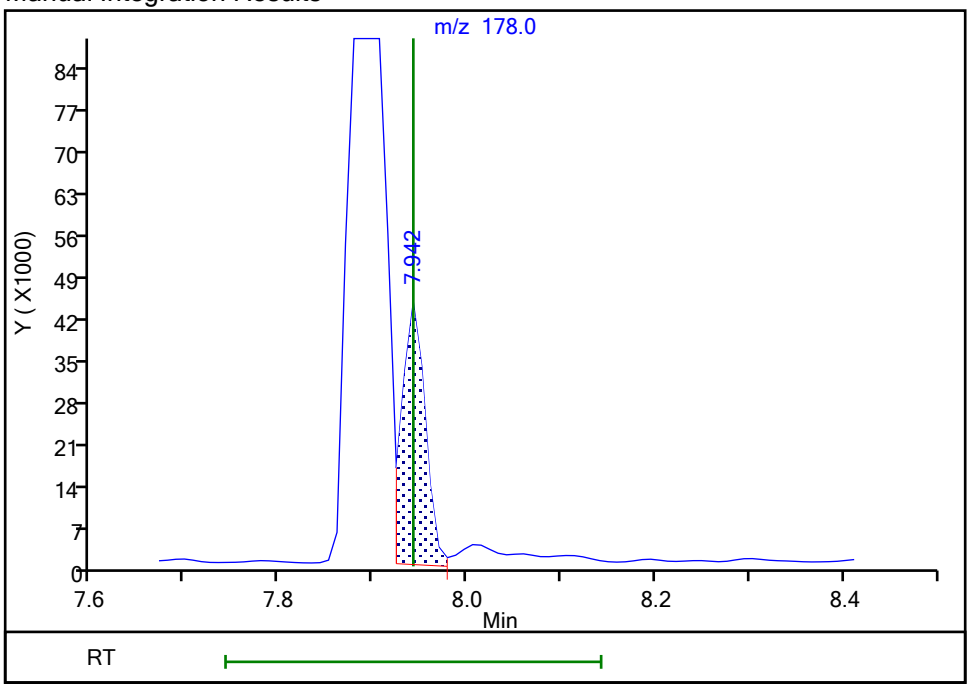
Processing Integration Results

RT: 8.10
Area: 5254
Amount: 0.007343
Amount Units: ug/ml



Manual Integration Results

RT: 7.94
Area: 77556
Amount: 0.108392
Amount Units: ug/ml



Reviewer: U6BX, 01-Aug-2025 23:17:04 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

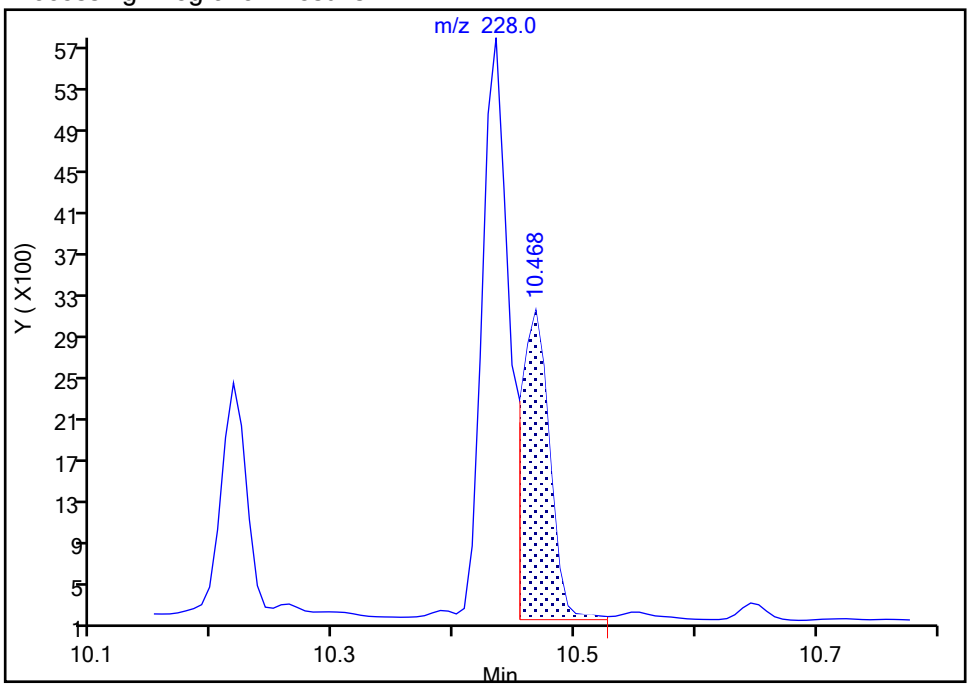
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04813.D				
Injection Date:	01-Aug-2025 22:52:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-4-A	Lab Sample ID:	460-331763-4		
Client ID:	MW-3				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

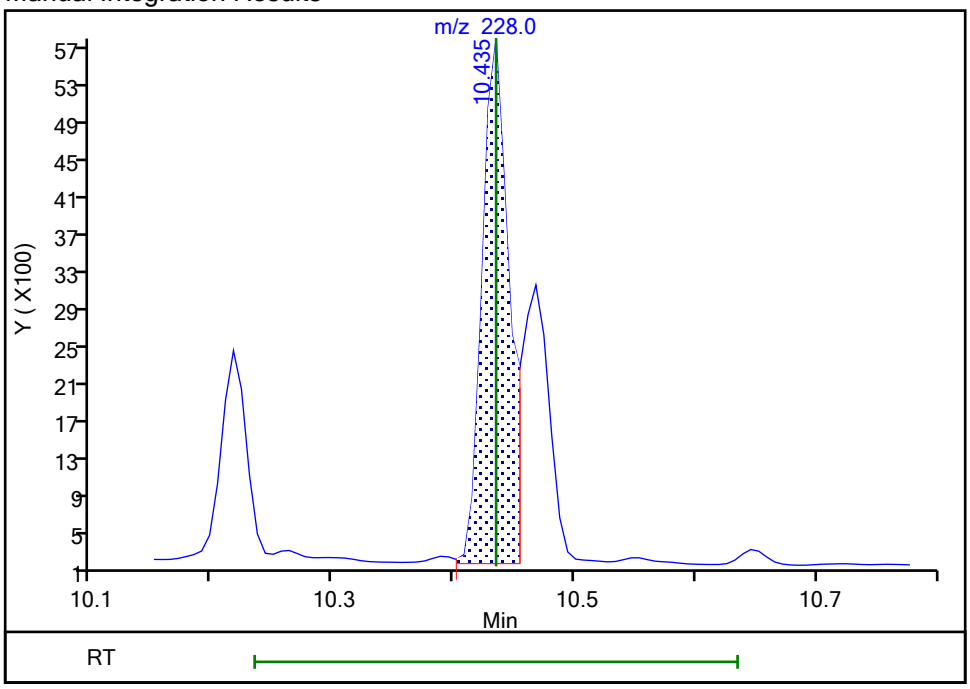
Processing Integration Results

RT: 10.47
Area: 4888
Amount: 0.007114
Amount Units: ug/ml



Manual Integration Results

RT: 10.43
Area: 8895
Amount: 0.012946
Amount Units: ug/ml



Reviewer: U6BX, 01-Aug-2025 23:17:08 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-13S | Lab Sample ID: 460-331763-5

Matrix: Water | Lab File ID: C04814.D

Analysis Method: 8270E SIM | Date Collected: 07/29/2025 12:20

Extract. Method: 3510C | Date Extracted: 08/01/2025 11:19

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 23:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053368 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS13

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	9.5		0.050	0.014
208-96-8	Acenaphthylene	0.34		0.050	0.015
120-12-7	Anthracene	0.16		0.050	0.025
56-55-3	Benzo[a]anthracene	0.13		0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.077		0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.77		0.050	0.039
86-73-7	Fluorene	2.7		0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	10		0.20	0.12
85-01-8	Phenanthrene	0.53		0.050	0.022
129-00-0	Pyrene	0.85		0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	71		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	68		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D
Lims ID: 460-331763-E-5-A
Client ID: MW-13S
Sample Type: Client
Inject. Date: 01-Aug-2025 23:12:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-015
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:34:27 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 09:54:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	152	3.421	3.437	-0.016	99	27649	0.2000	
$ 6 Nitrobenzene-d5	82	3.982	3.998	-0.016	97	1048635	6.76	
* 7 Naphthalene-d8	136	4.694	4.704	-0.010	99	99027	0.2000	
8 Naphthalene	128	4.714	4.725	-0.011	100	670818	1.26	
$ 9 2-Fluorobiphenyl	172	5.793	5.802	0.000	96	2946829	7.05	
10 Acenaphthylene	152	6.290	6.299	0.000	100	22357	0.0424	
* 11 Acenaphthene-d10	164	6.434	6.434	0.000	96	58155	0.2000	
12 Acenaphthene	154	6.461	6.470	0.000	95	398754	1.18	
13 Fluorene	166	6.967	6.976	0.000	94	132414	0.3344	
* 17 Phenanthrene-d10	188	7.870	7.870	0.000	100	119814	0.2000	
18 Phenanthrene	178	7.897	7.897	0.000	96	46453	0.0660	
19 Anthracene	178	7.942	7.942	0.000	95	12754	0.0198	
21 Fluoranthene	202	9.044	9.044	0.000	95	62462	0.0959	
22 Pyrene	202	9.255	9.255	0.000	97	85165	0.1067	
24 Benzo[a]anthracene	228	10.435	10.435	0.000	18	10250	0.0167	a
* 25 Chrysene-d12	240	10.441	10.448	-0.007	95	88305	0.2000	
26 Chrysene	228	10.468	10.468	-0.006	98	6516	0.009671	a
* 30 Perylene-d12	264	12.069	12.076	-0.007	100	85484	0.2000	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

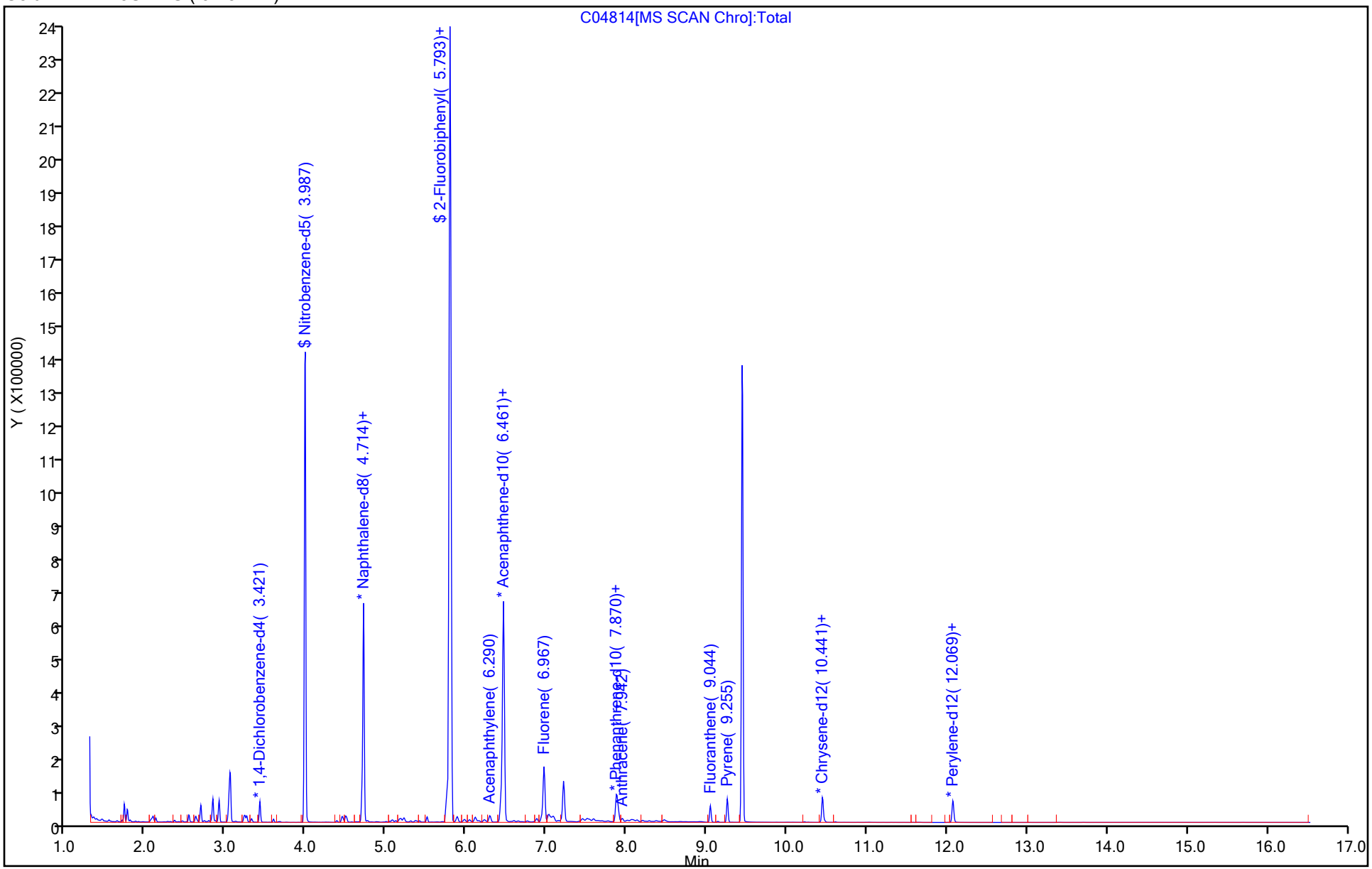
Report Date: 04-Aug-2025 08:34:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D

Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5	Worklist Smp#:	15
Client ID:	MW-13S				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D
Lims ID: 460-331763-E-5-A
Client ID: MW-13S
Sample Type: Client
Inject. Date: 01-Aug-2025 23:12:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-015
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:34:27 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

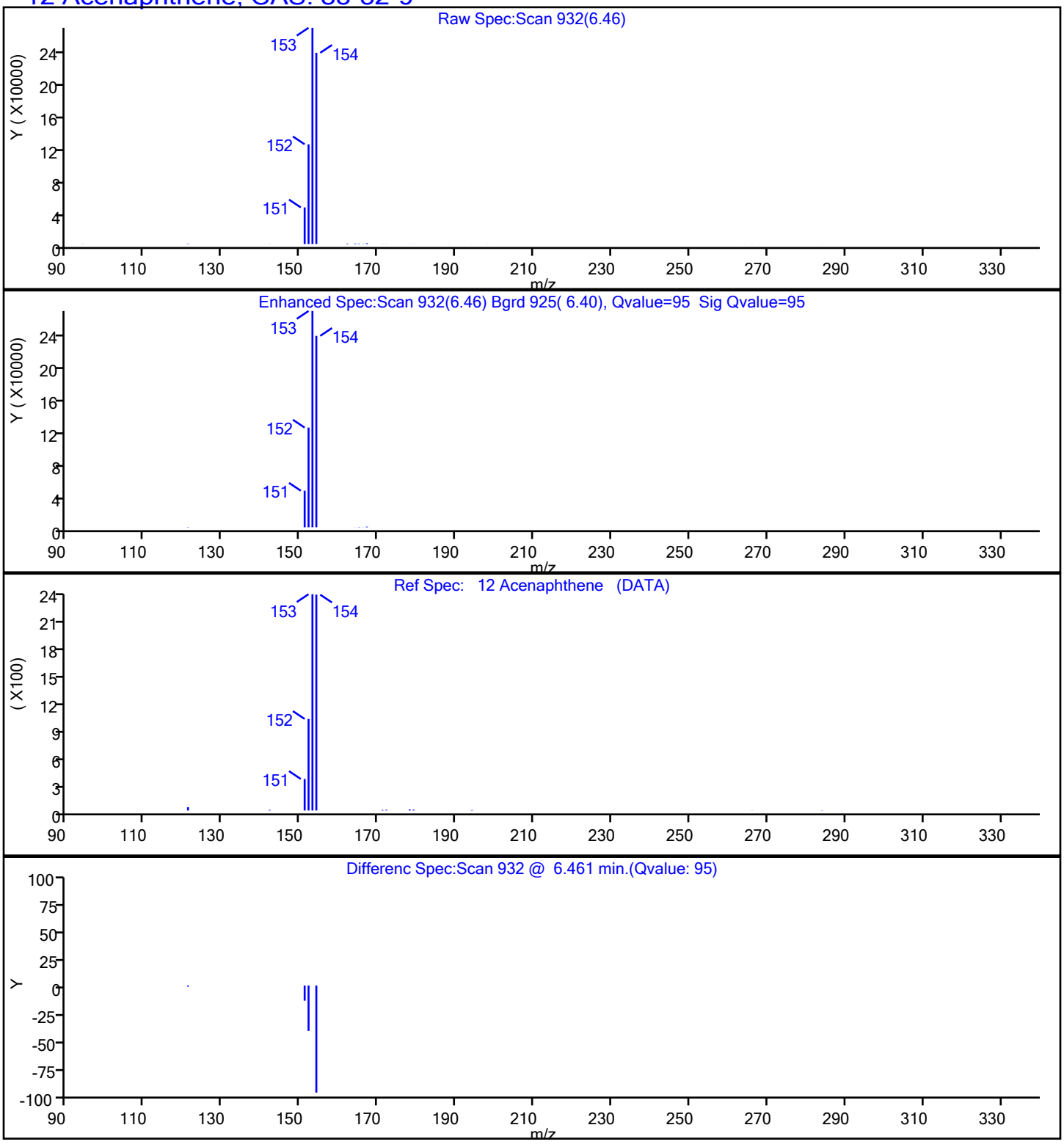
First Level Reviewer: U6BX Date: 02-Aug-2025 09:54:29

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	6.76	67.60
$ 9 2-Fluorobiphenyl	10.0	7.05	70.54

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D				
Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

12 Acenaphthene, CAS: 83-32-9



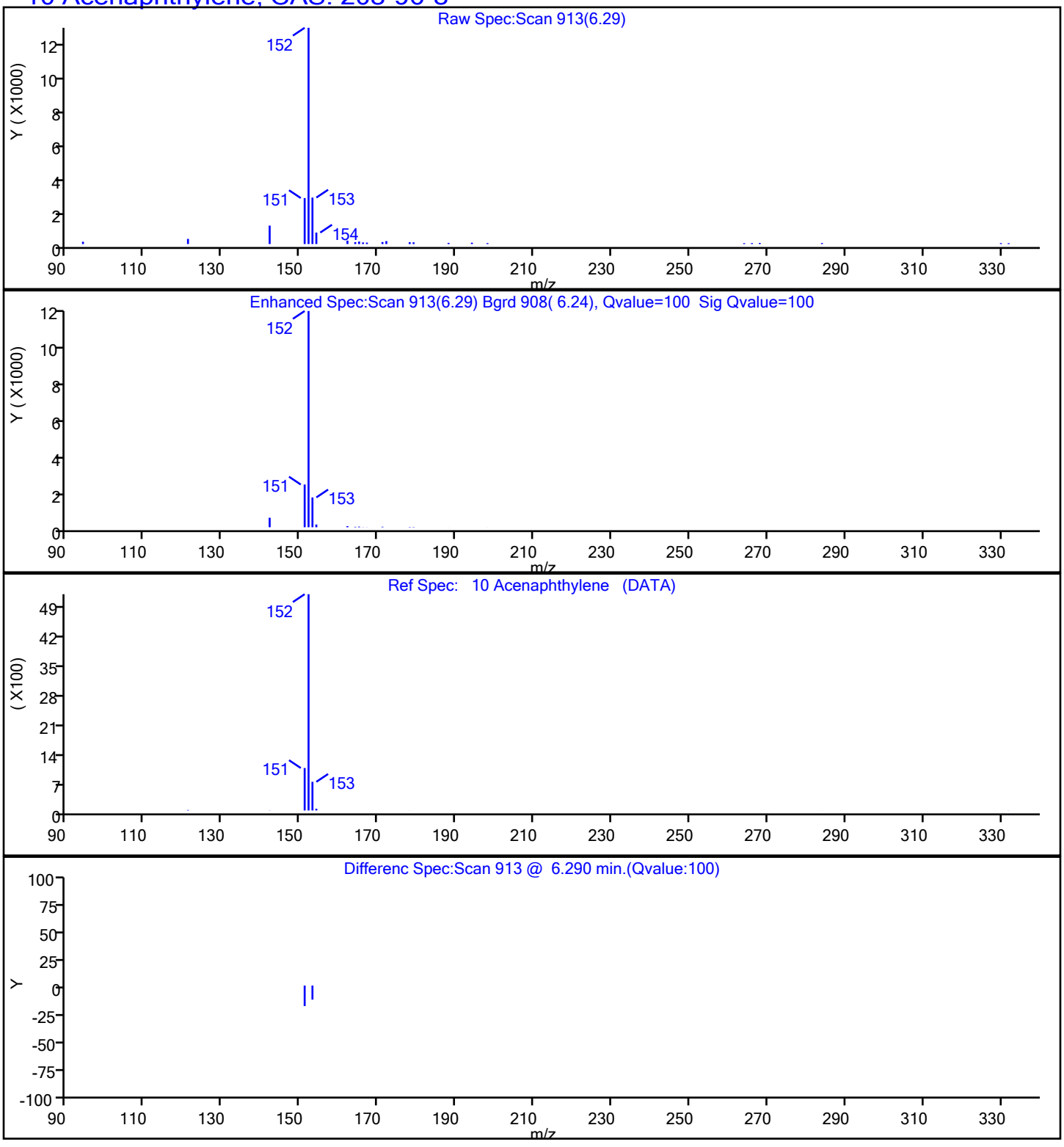
Report Date: 04-Aug-2025 08:34:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D

Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

10 Acenaphthylene, CAS: 208-96-8



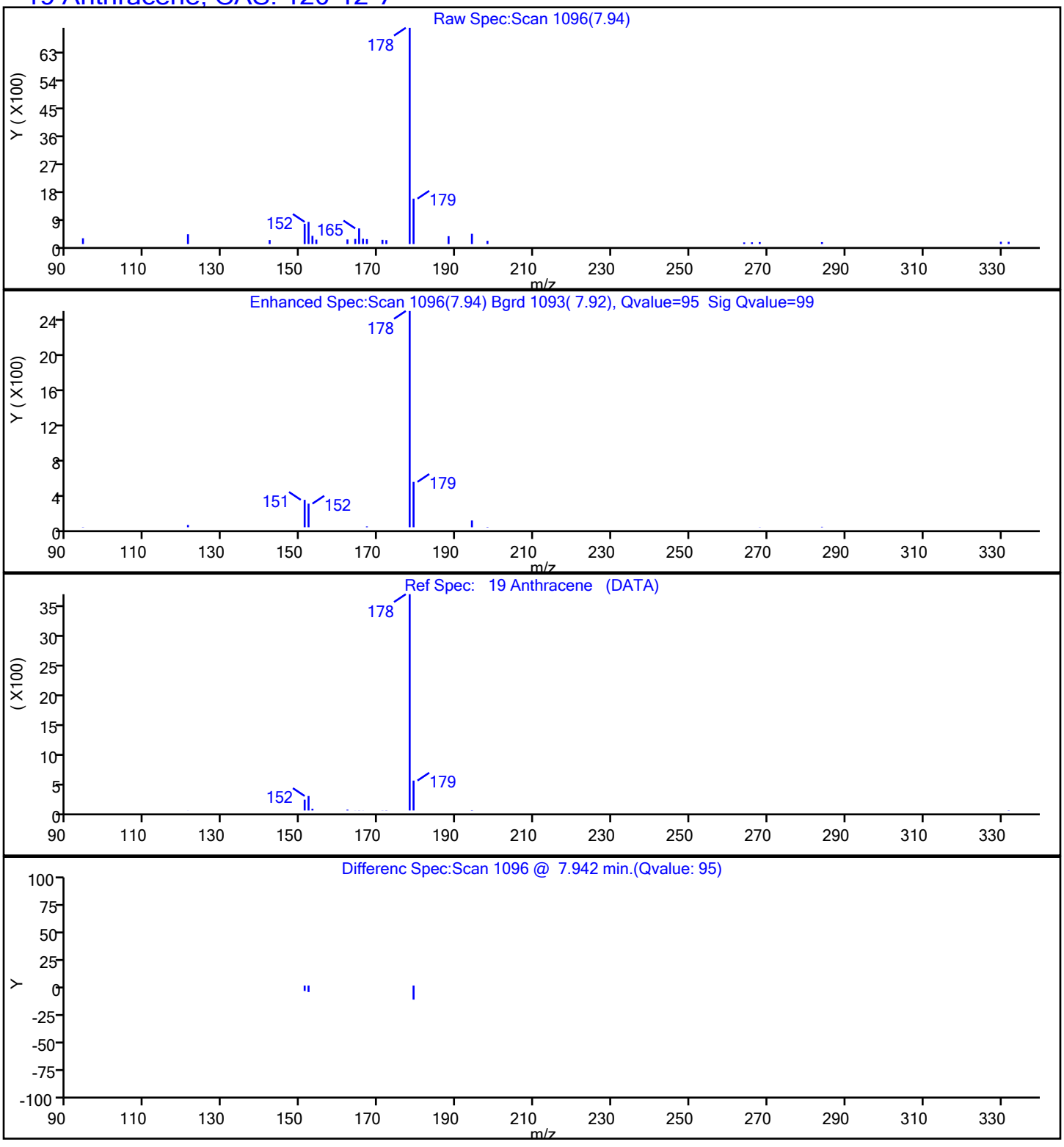
Report Date: 04-Aug-2025 08:34:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D

Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

19 Anthracene, CAS: 120-12-7



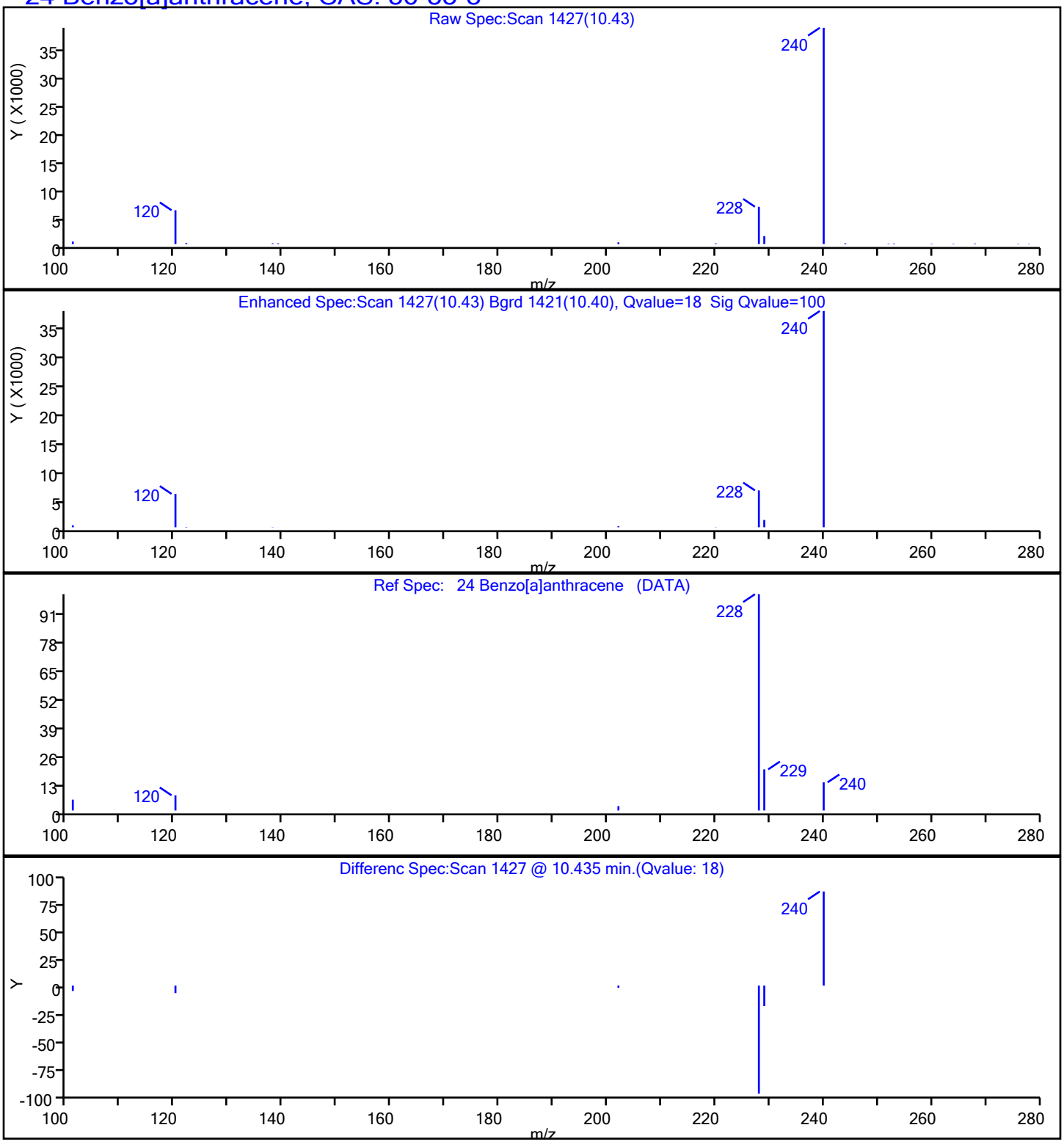
Report Date: 04-Aug-2025 08:34:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D

Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3



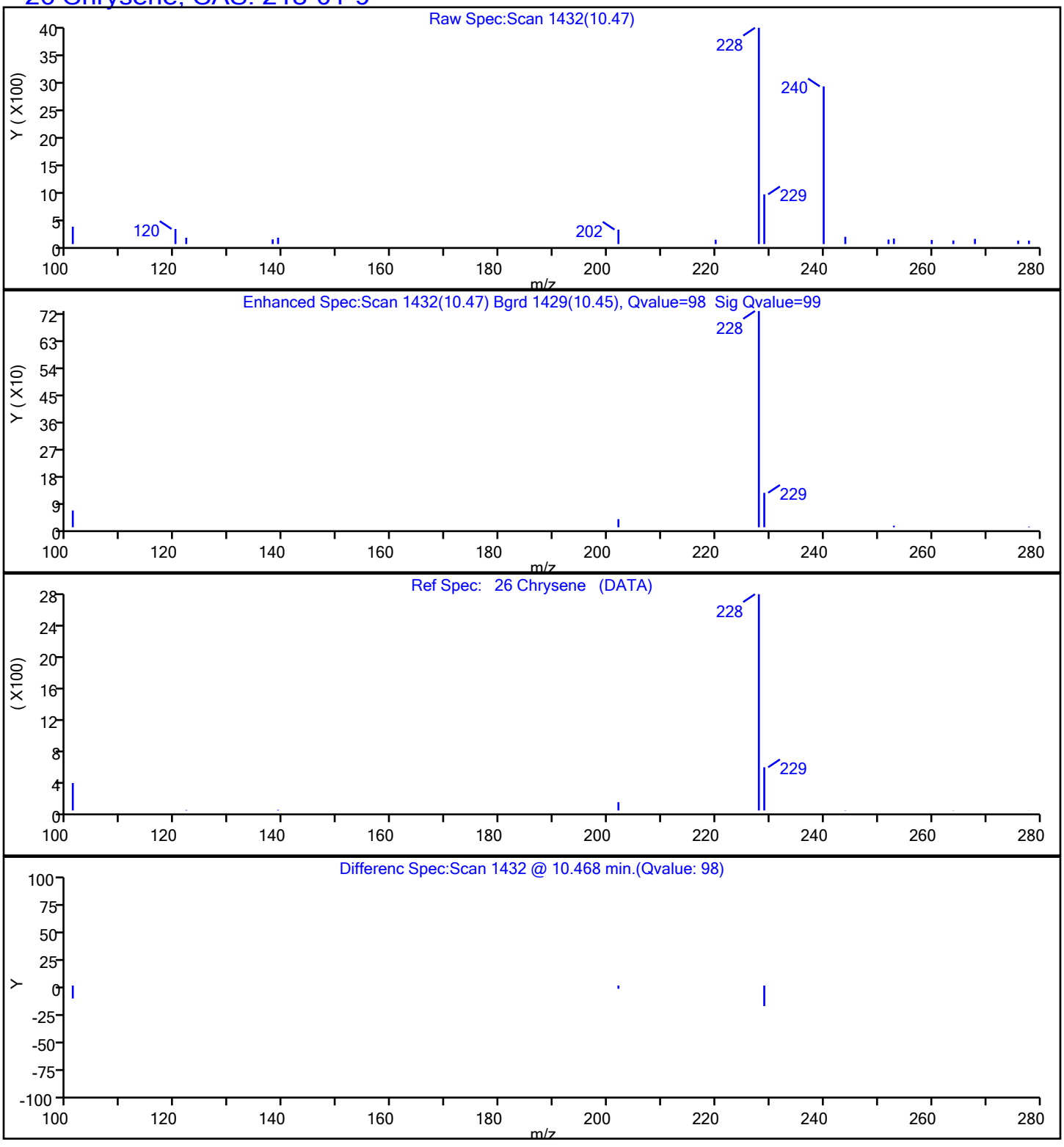
Report Date: 04-Aug-2025 08:34:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D

Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

26 Chrysene, CAS: 218-01-9



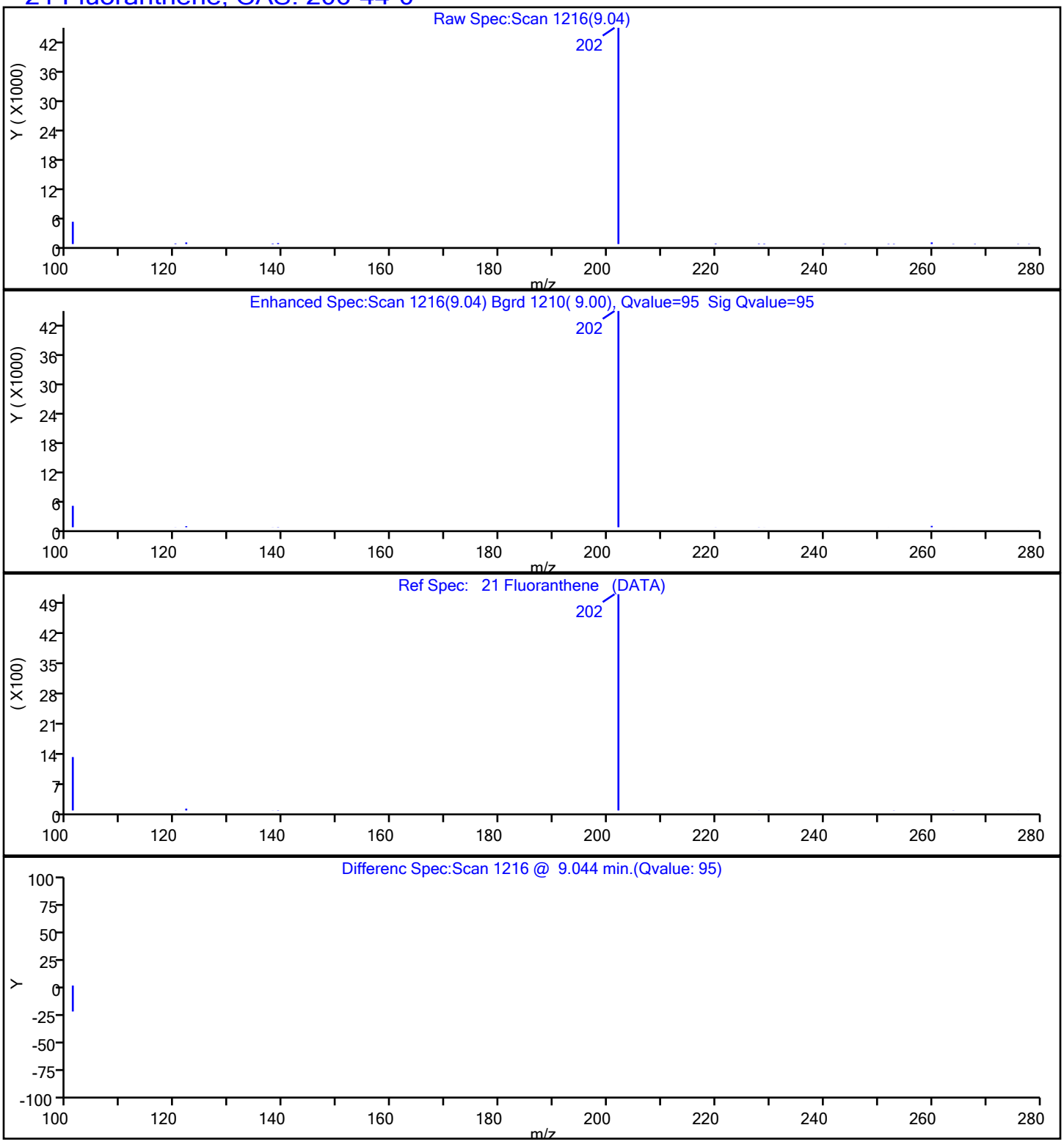
Report Date: 04-Aug-2025 08:34:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D

Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 Fluoranthene, CAS: 206-44-0

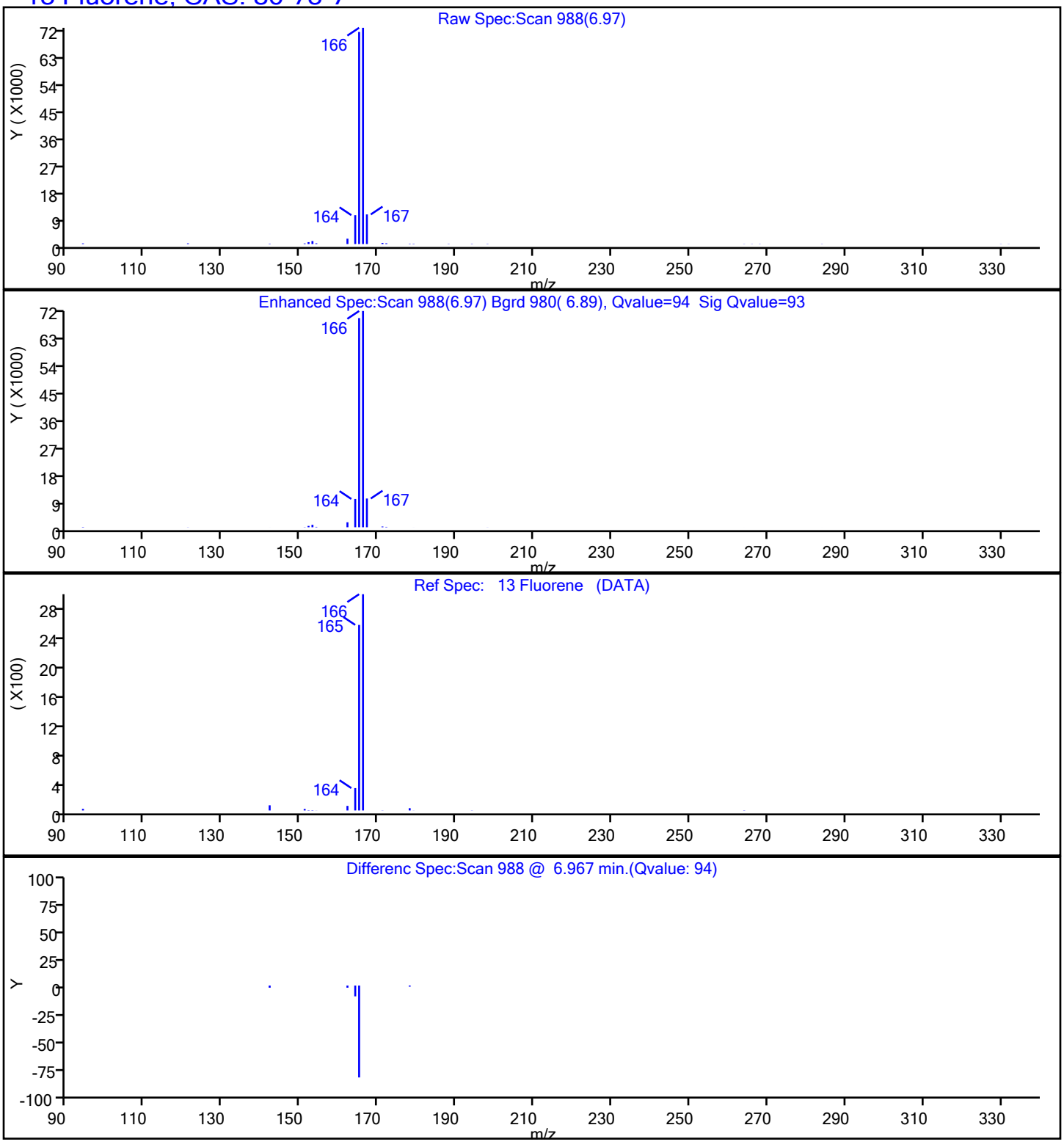


Report Date: 04-Aug-2025 08:34:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D				
Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7



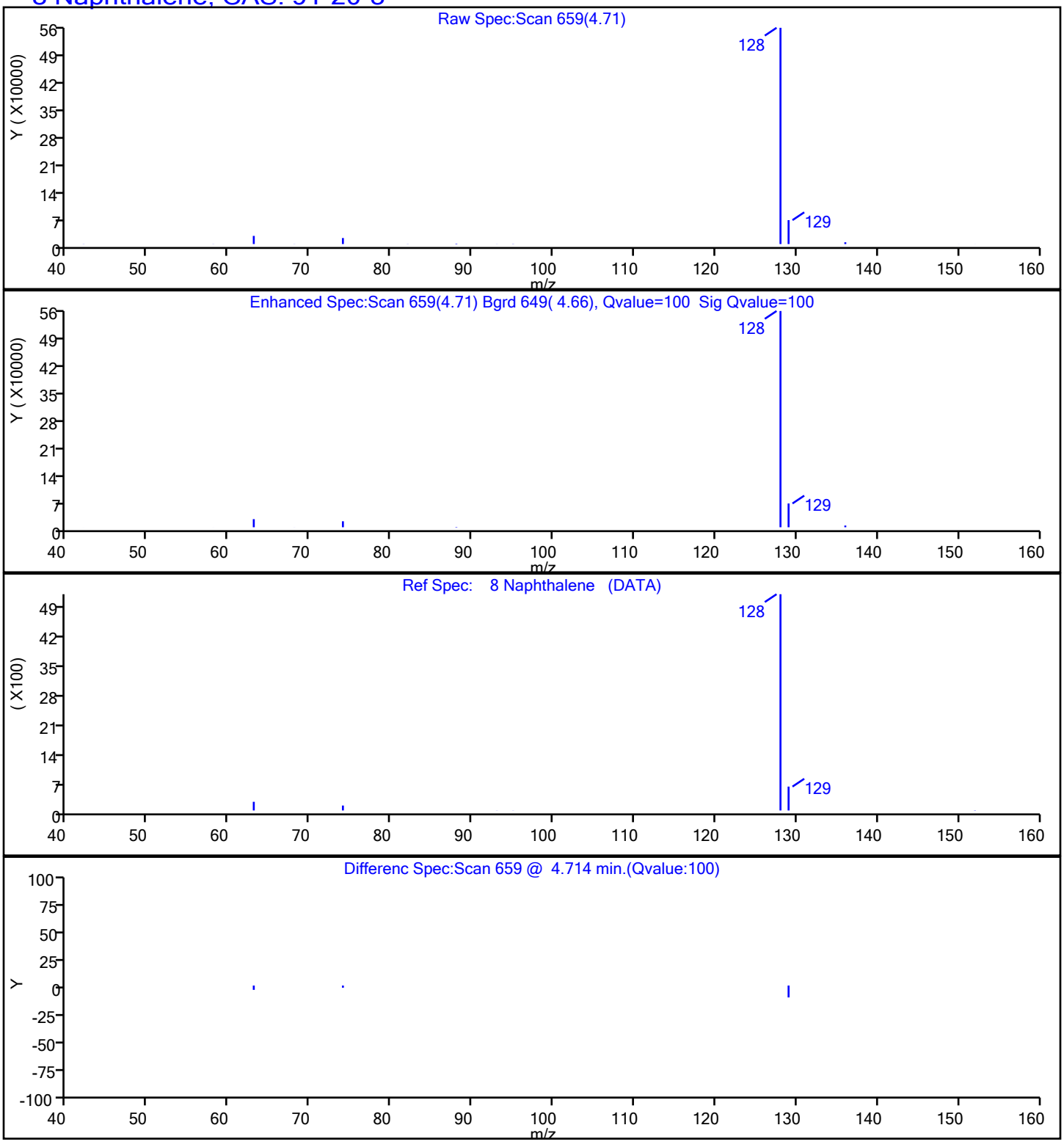
Report Date: 04-Aug-2025 08:34:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D

Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

8 Naphthalene, CAS: 91-20-3



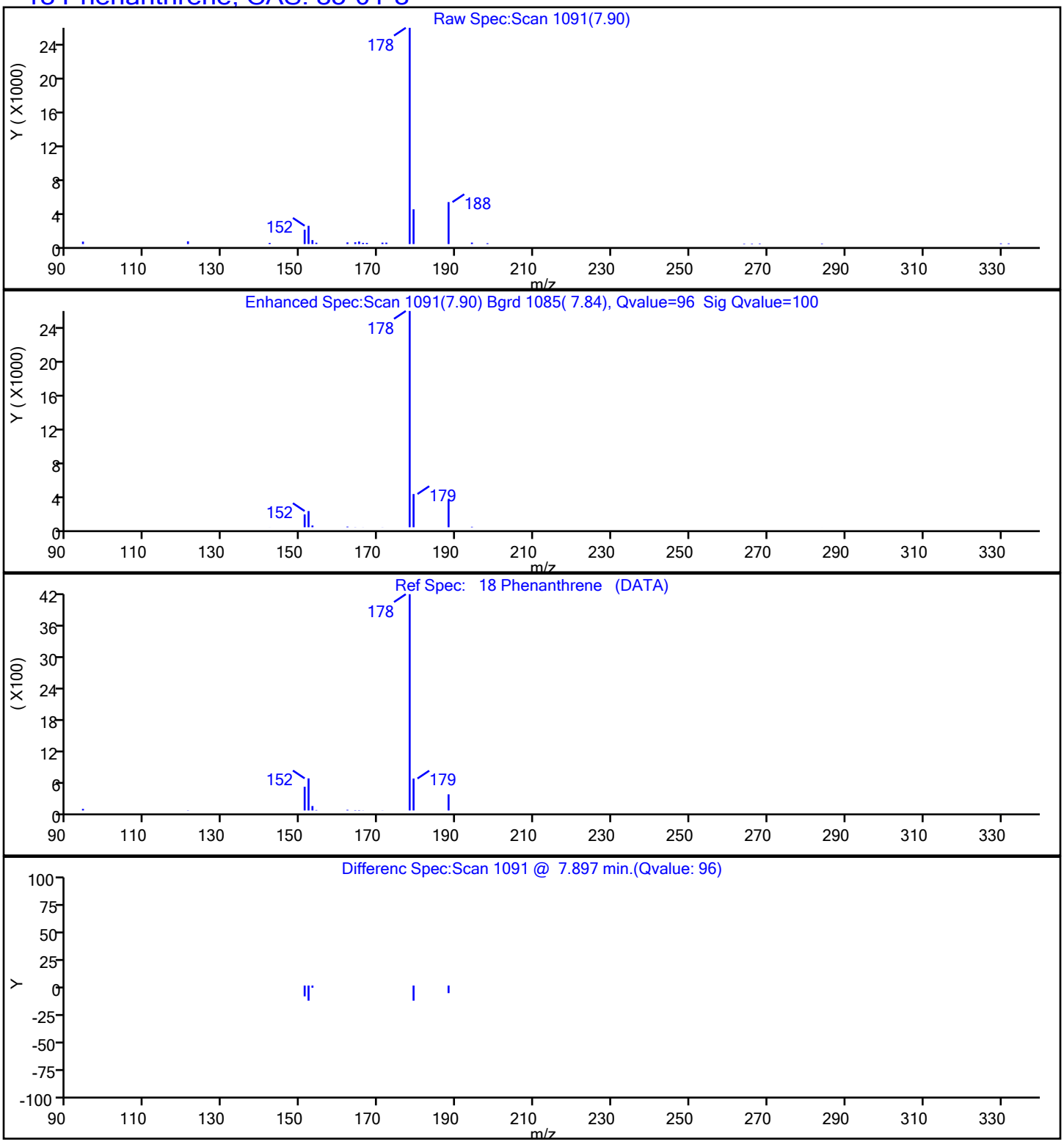
Report Date: 04-Aug-2025 08:34:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D

Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 Phenanthrene, CAS: 85-01-8



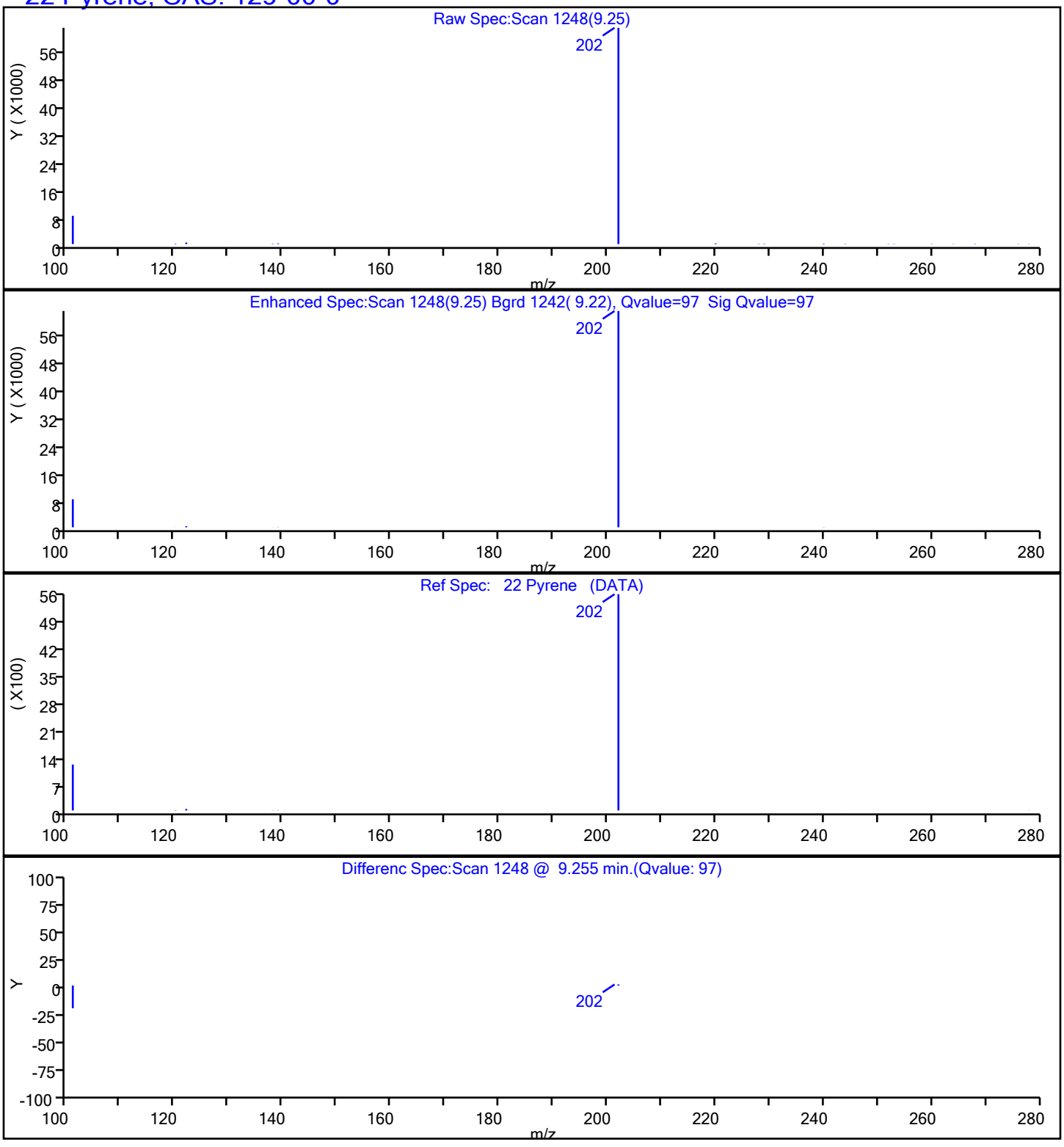
Report Date: 04-Aug-2025 08:34:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D

Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

22 Pyrene, CAS: 129-00-0



Manual Integration/User Assign Peak Report

Eurofins Edison

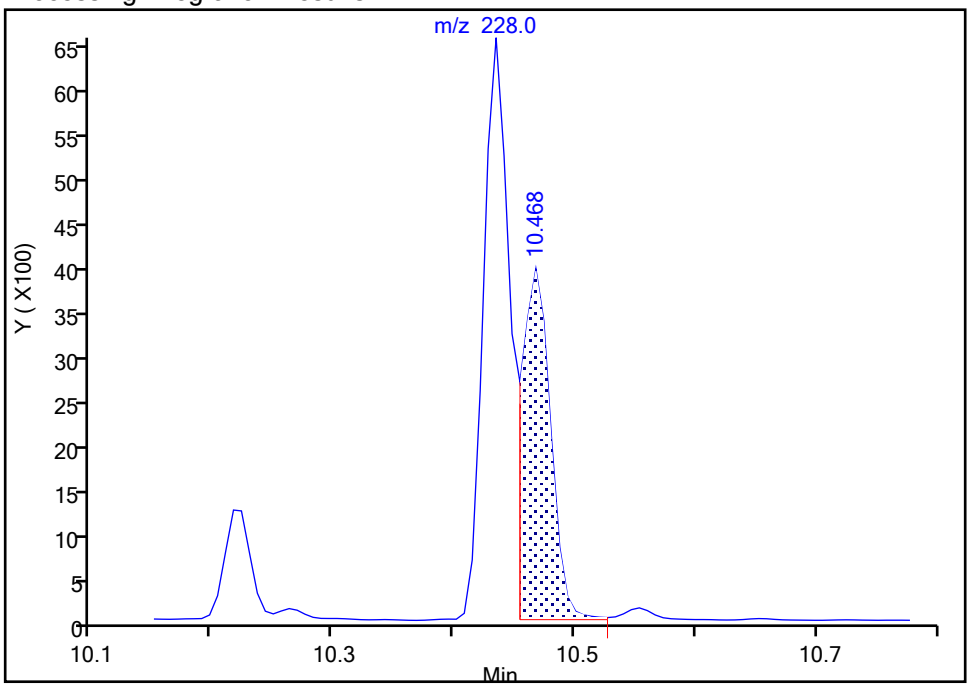
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D				
Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

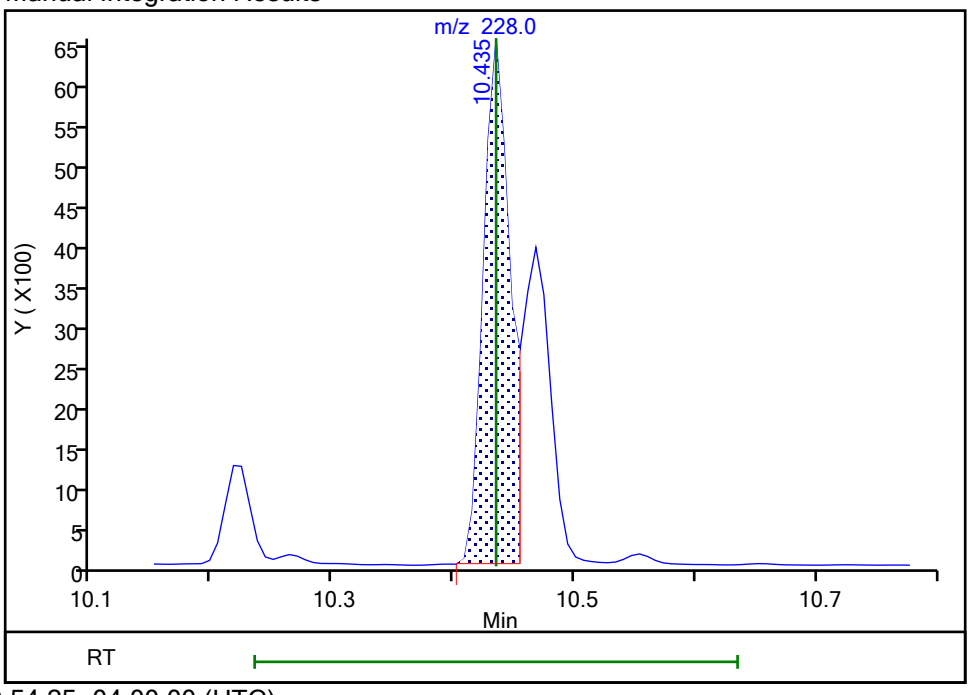
Processing Integration Results

RT: 10.47
Area: 6516
Amount: 0.010636
Amount Units: ug/ml



Manual Integration Results

RT: 10.43
Area: 10250
Amount: 0.016730
Amount Units: ug/ml



Reviewer: U6BX, 02-Aug-2025 09:54:25 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

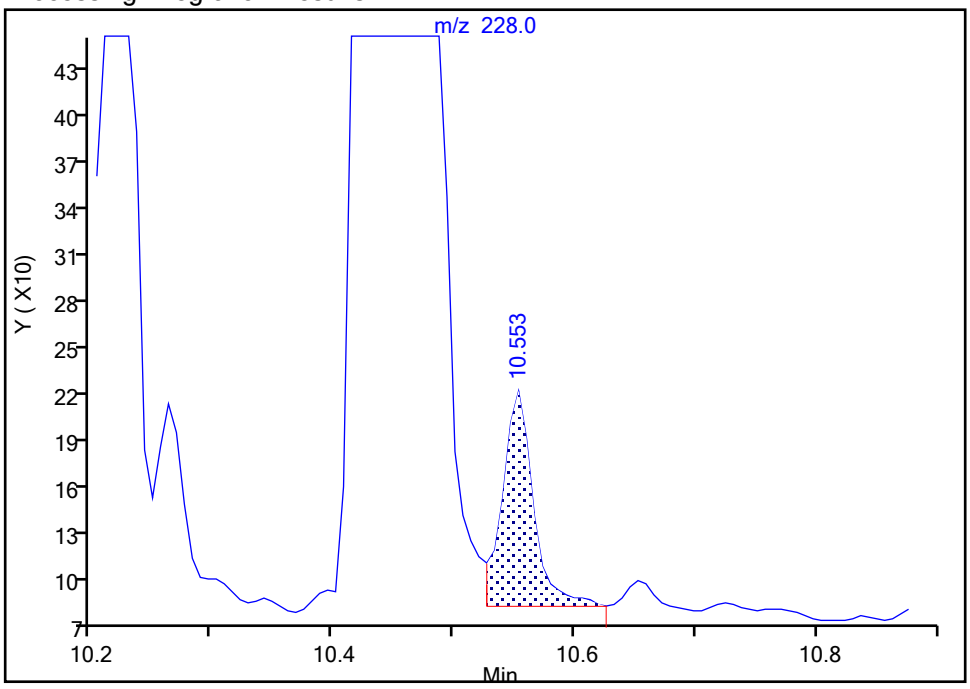
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04814.D				
Injection Date:	01-Aug-2025 23:12:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-5-A	Lab Sample ID:	460-331763-5		
Client ID:	MW-13S				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

26 Chrysene, CAS: 218-01-9

Signal: 1

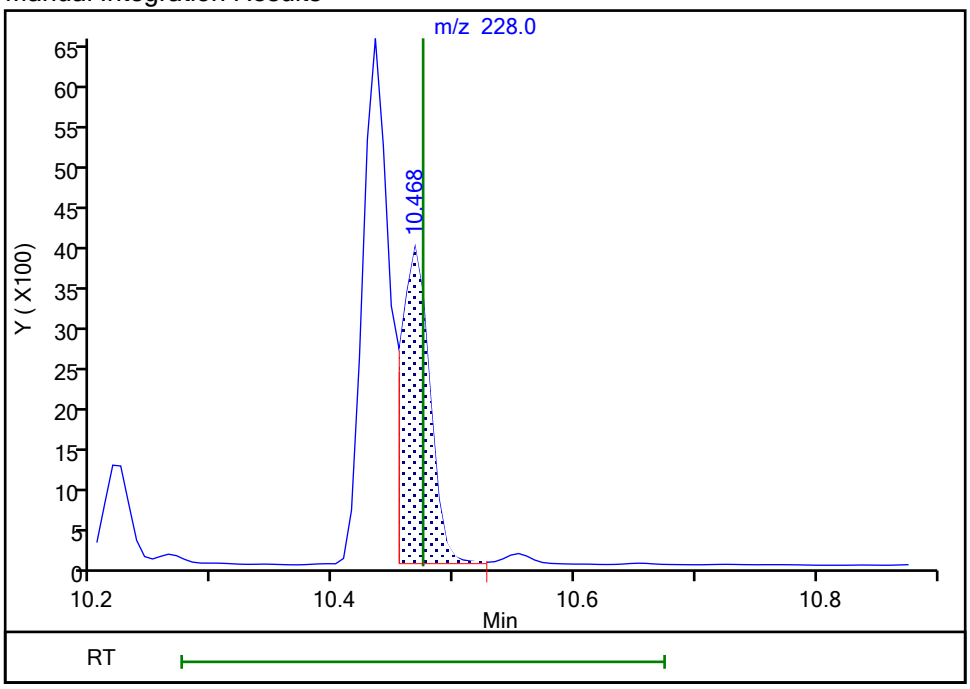
Processing Integration Results

RT: 10.55
Area: 245
Amount: 0.000364
Amount Units: ug/ml



Manual Integration Results

RT: 10.47
Area: 6516
Amount: 0.009671
Amount Units: ug/ml



Reviewer: V5XH, 04-Aug-2025 08:34:18 07:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-13D | Lab Sample ID: 460-331763-6

Matrix: Water | Lab File ID: C04815.D

Analysis Method: 8270E SIM | Date Collected: 07/29/2025 13:15

Extract. Method: 3510C | Date Extracted: 08/01/2025 11:19

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 23:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053368 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS13

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.050	U	0.050	0.014
208-96-8	Acenaphthylene	0.050	U	0.050	0.015
120-12-7	Anthracene	0.050	U	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.050	U	0.050	0.039
86-73-7	Fluorene	0.050	U	0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.050	U	0.050	0.022
129-00-0	Pyrene	0.050	U	0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	75		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	69		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04815.D
Lims ID: 460-331763-E-6-A
Client ID: MW-13D
Sample Type: Client
Inject. Date: 01-Aug-2025 23:33:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-016
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:34:27 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 09:54:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	152	3.421	3.437	-0.016	99	29291	0.2000	
$ 6 Nitrobenzene-d5	82	3.982	3.998	-0.016	96	1139599	6.94	
* 7 Naphthalene-d8	136	4.693	4.704	-0.011	99	104762	0.2000	
$ 9 2-Fluorobiphenyl	172	5.793	5.802	0.000	96	3270078	7.50	
* 11 Acenaphthene-d10	164	6.434	6.434	0.000	96	60689	0.2000	
* 17 Phenanthrene-d10	188	7.870	7.870	0.000	100	125115	0.2000	
* 25 Chrysene-d12	240	10.441	10.448	-0.007	92	94606	0.2000	
* 30 Perylene-d12	264	12.069	12.076	-0.007	100	89520	0.2000	

QC Flag Legend
Processing Flags

Reagents:
SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

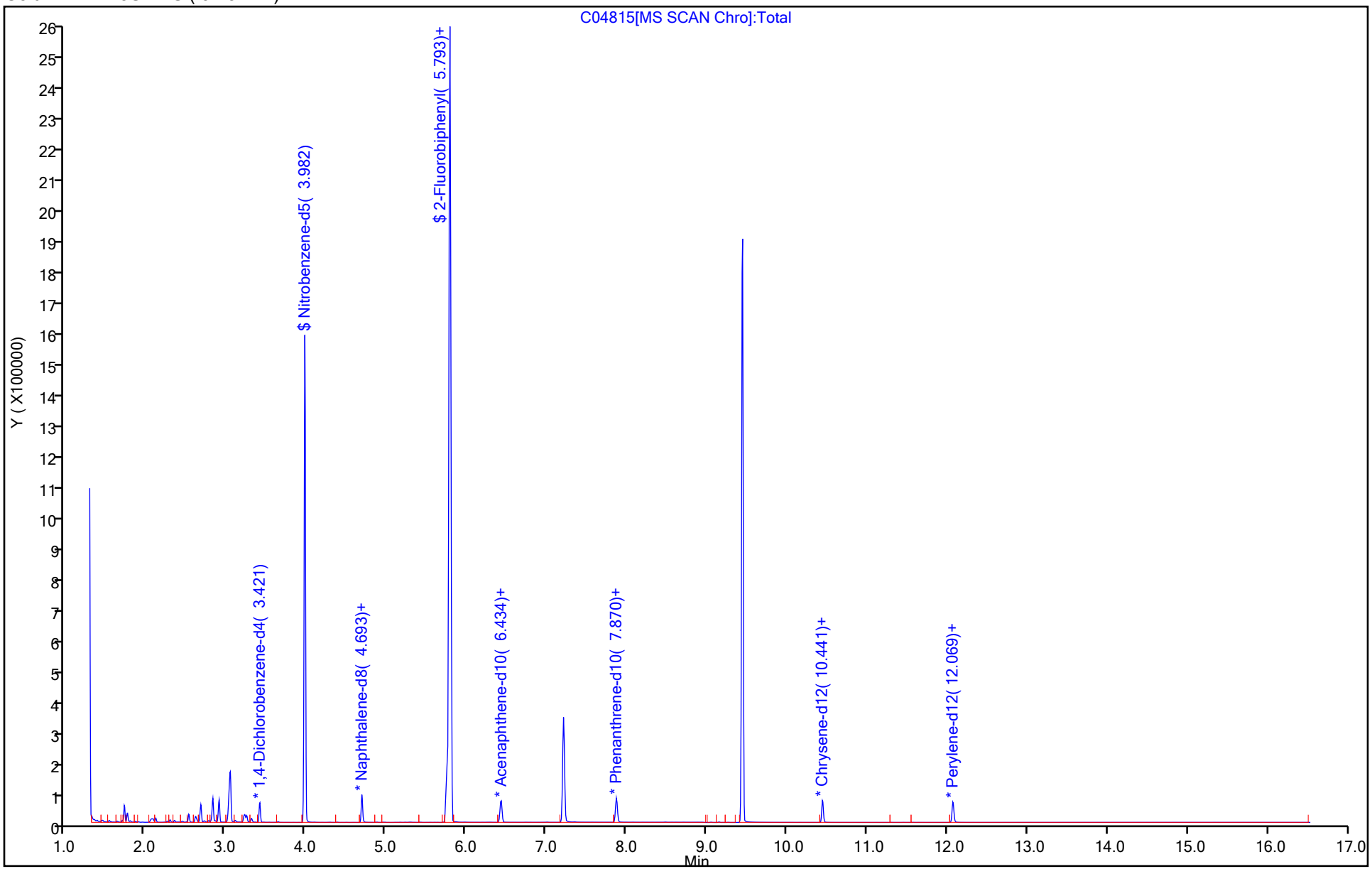
Report Date: 04-Aug-2025 08:35:17 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04815.D

Injection Date:	01-Aug-2025 23:33:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	460-331763-E-6-A	Lab Sample ID:	460-331763-6	Worklist Smp#:	16
Client ID:	MW-13D				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04815.D
Lims ID: 460-331763-E-6-A
Client ID: MW-13D
Sample Type: Client
Inject. Date: 01-Aug-2025 23:33:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-016
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:34:27 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 09:54:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	6.94	69.44
$ 9 2-Fluorobiphenyl	10.0	7.50	75.01

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: MW-4S | Lab Sample ID: 460-331763-7

Matrix: Water | Lab File ID: C04816.D

Analysis Method: 8270E SIM | Date Collected: 07/29/2025 14:00

Extract. Method: 3510C | Date Extracted: 08/01/2025 11:19

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 23:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053368 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS13

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.4		0.050	0.014
208-96-8	Acenaphthylene	0.098		0.050	0.015
120-12-7	Anthracene	0.041	J	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.71		0.050	0.039
86-73-7	Fluorene	0.74		0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.050	U	0.050	0.022
129-00-0	Pyrene	0.77		0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	86		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	76		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04816.D
Lims ID: 460-331763-E-7-A
Client ID: MW-4S
Sample Type: Client
Inject. Date: 01-Aug-2025 23:54:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-017
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:36:35 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 09:54:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	152	3.416	3.437	-0.021	99	30774	0.2000	
$ 6 Nitrobenzene-d5	82	3.977	3.998	-0.021	95	1305957	7.56	
* 7 Naphthalene-d8	136	4.688	4.704	-0.016	99	110322	0.2000	
$ 9 2-Fluorobiphenyl	172	5.793	5.802	0.000	96	3966184	8.61	
10 Acenaphthylene	152	6.290	6.299	0.000	99	7152	0.0123	
* 11 Acenaphthene-d10	164	6.425	6.434	-0.009	97	64161	0.2000	
12 Acenaphthene	154	6.461	6.470	0.000	95	205339	0.5530	
13 Fluorene	166	6.967	6.976	0.000	95	40643	0.0930	
* 17 Phenanthrene-d10	188	7.870	7.870	0.000	100	138649	0.2000	
19 Anthracene	178	7.942	7.942	0.000	81	3776	0.005073	Ma
21 Fluoranthene	202	9.044	9.044	0.000	95	67280	0.0893	
22 Pyrene	202	9.255	9.255	0.000	98	92774	0.0958	
* 25 Chrysene-d12	240	10.441	10.448	-0.007	92	107126	0.2000	
* 30 Perylene-d12	264	12.069	12.076	-0.007	100	100991	0.2000	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

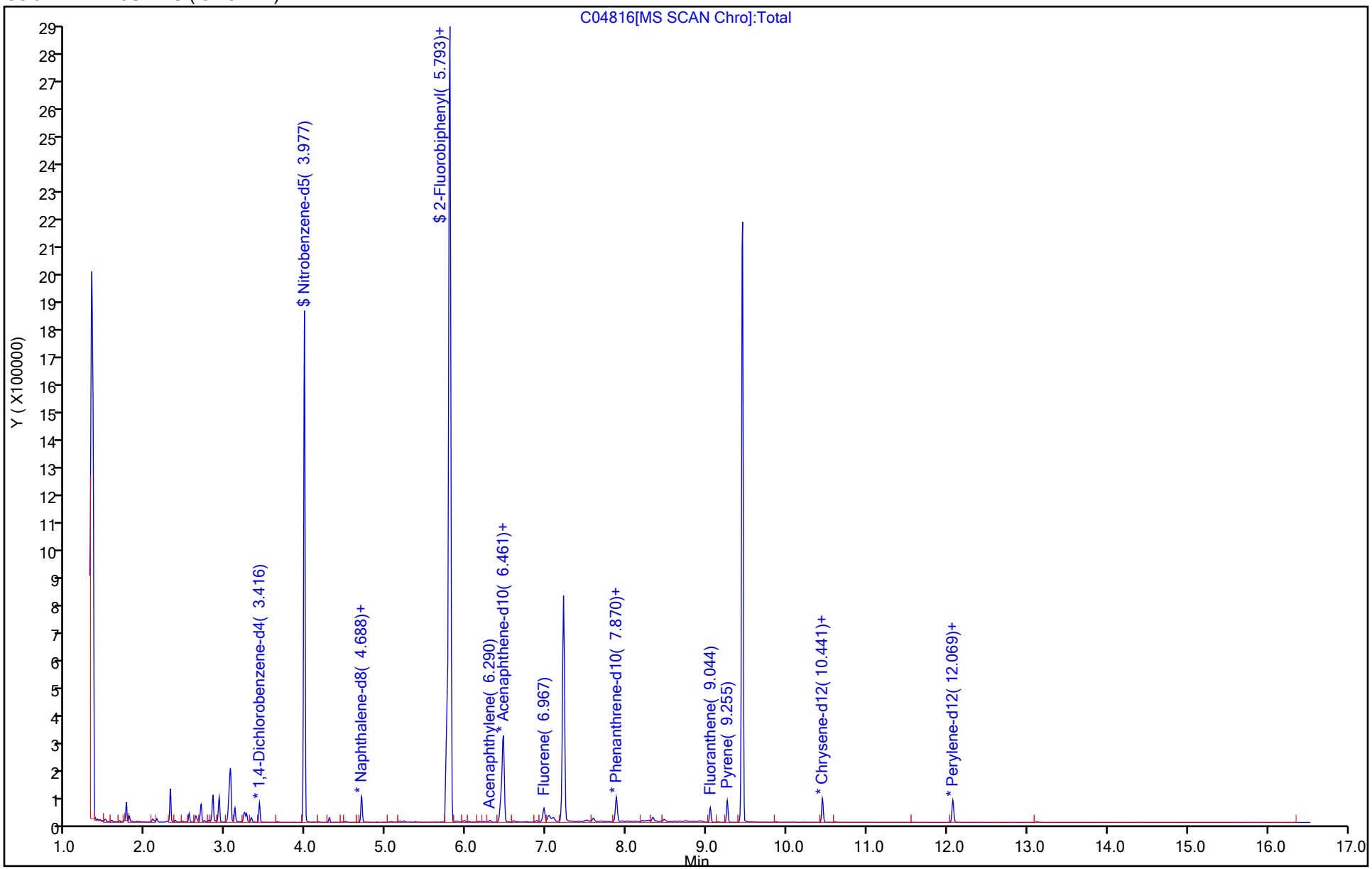
Report Date: 04-Aug-2025 08:36:36 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04816.D

Injection Date:	01-Aug-2025 23:54:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7	Worklist Smp#:	17
Client ID:	MW-4S				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04816.D
Lims ID: 460-331763-E-7-A
Client ID: MW-4S
Sample Type: Client
Inject. Date: 01-Aug-2025 23:54:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-017
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 04-Aug-2025 08:36:35 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: U6BX Date: 02-Aug-2025 09:54:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	7.56	75.57
$ 9 2-Fluorobiphenyl	10.0	8.61	86.05

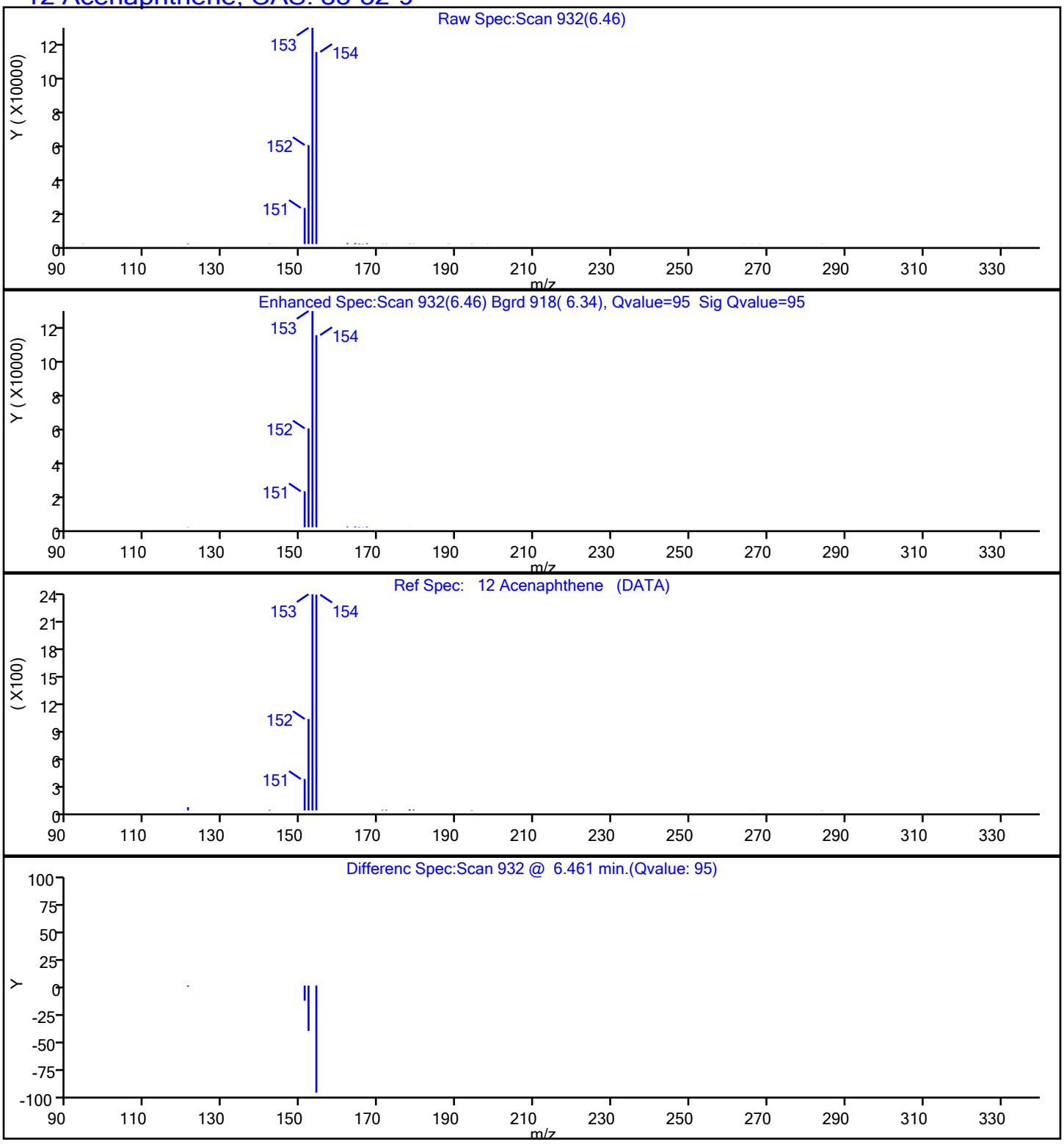
Report Date: 04-Aug-2025 08:36:36 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04816.D

Injection Date:	01-Aug-2025 23:54:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7		
Client ID:	MW-4S				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

12 Acenaphthene, CAS: 83-32-9



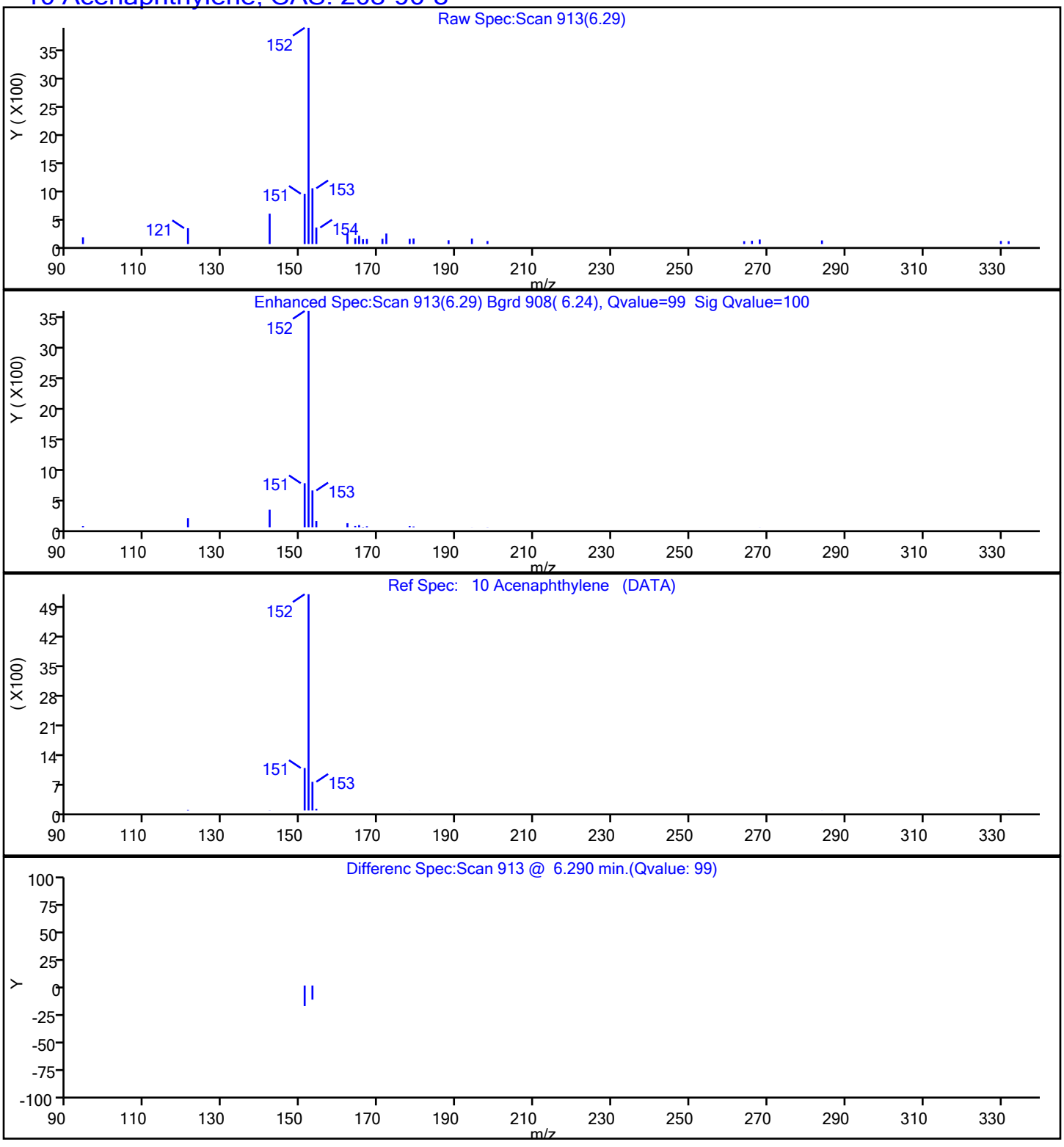
Report Date: 04-Aug-2025 08:36:36 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04816.D

Injection Date:	01-Aug-2025 23:54:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7		
Client ID:	MW-4S				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

10 Acenaphthylene, CAS: 208-96-8



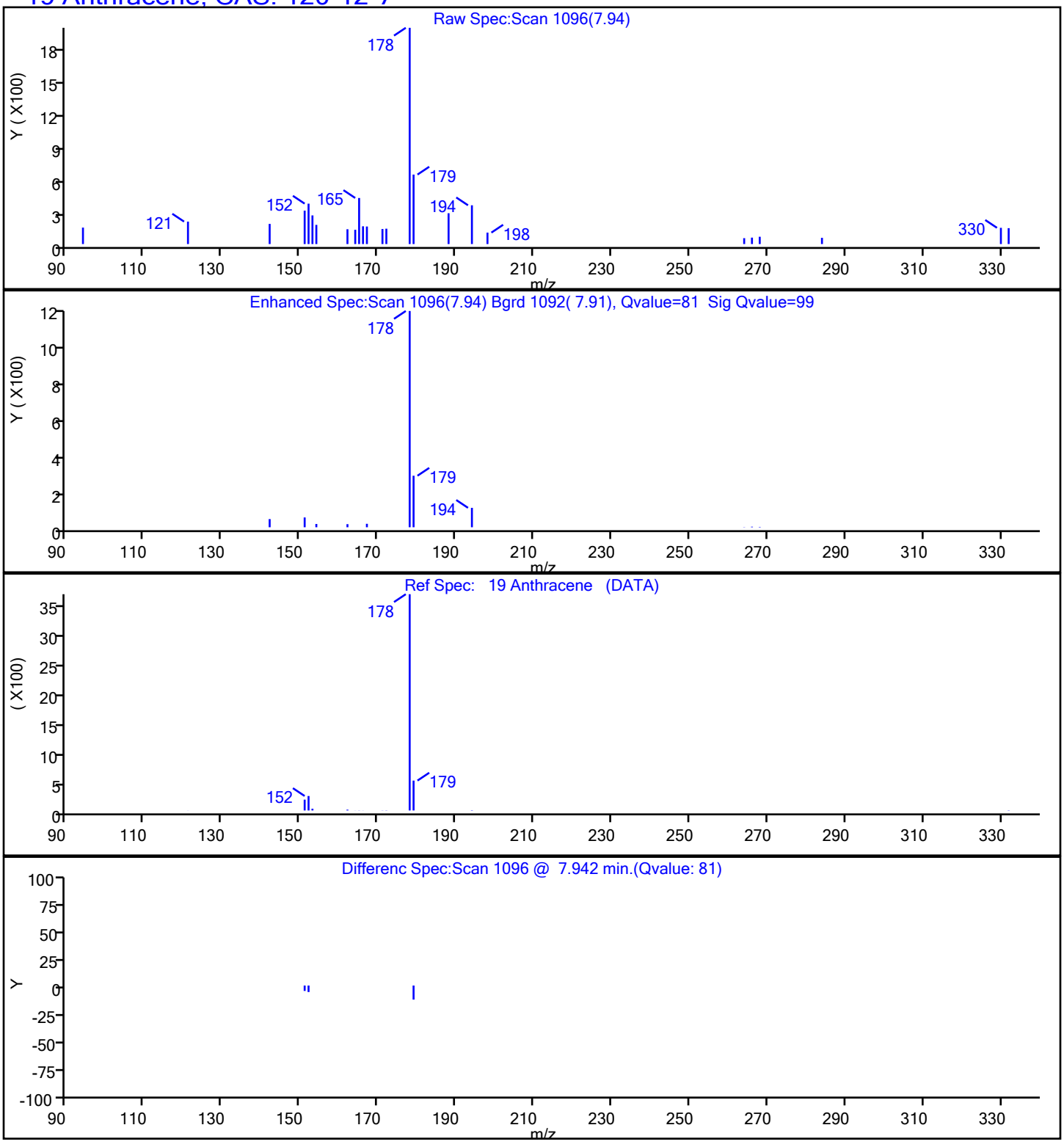
Report Date: 04-Aug-2025 08:36:36 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04816.D

Injection Date:	01-Aug-2025 23:54:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7		
Client ID:	MW-4S				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

19 Anthracene, CAS: 120-12-7



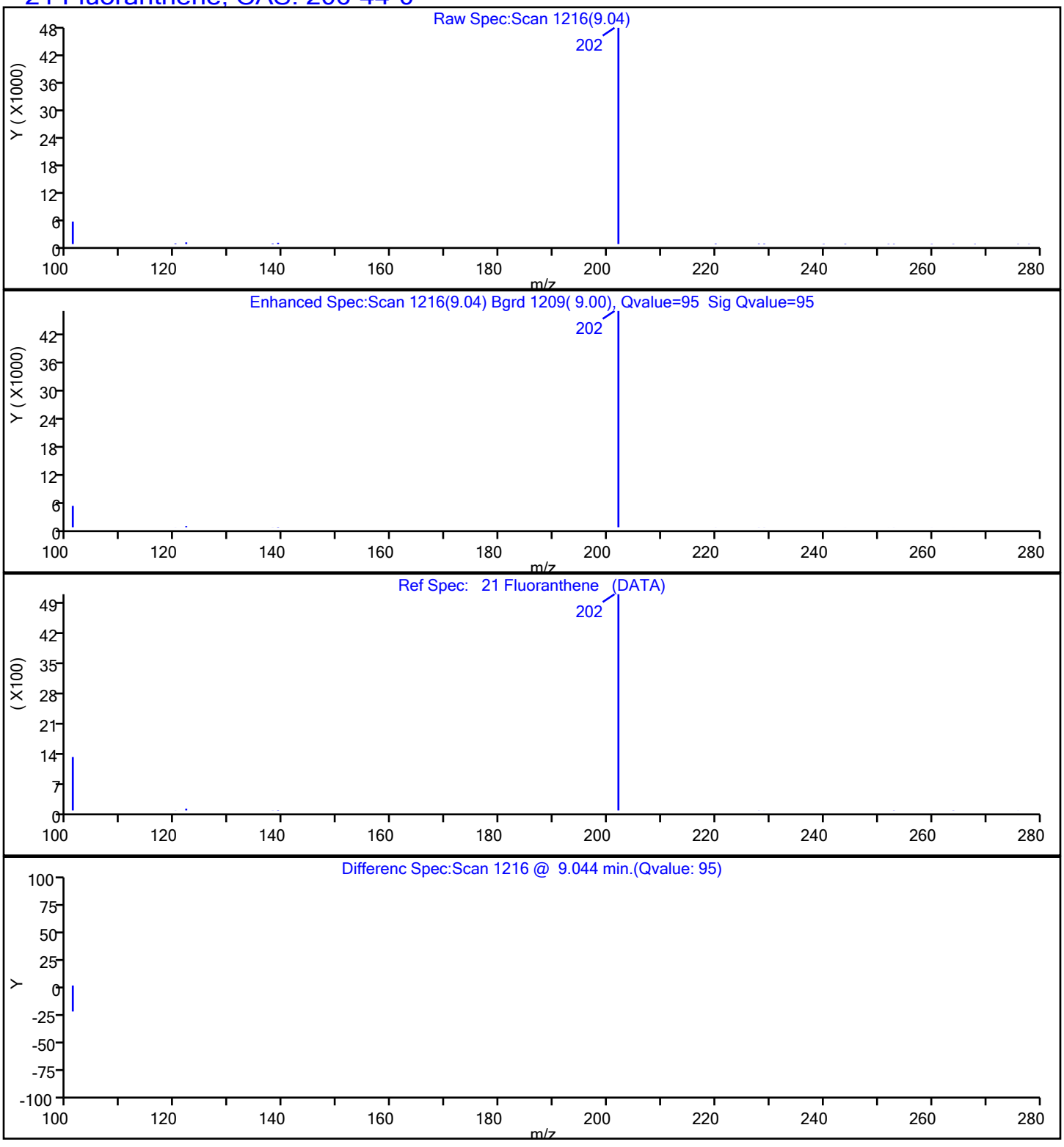
Report Date: 04-Aug-2025 08:36:36 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04816.D

Injection Date:	01-Aug-2025 23:54:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7		
Client ID:	MW-4S				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

21 Fluoranthene, CAS: 206-44-0



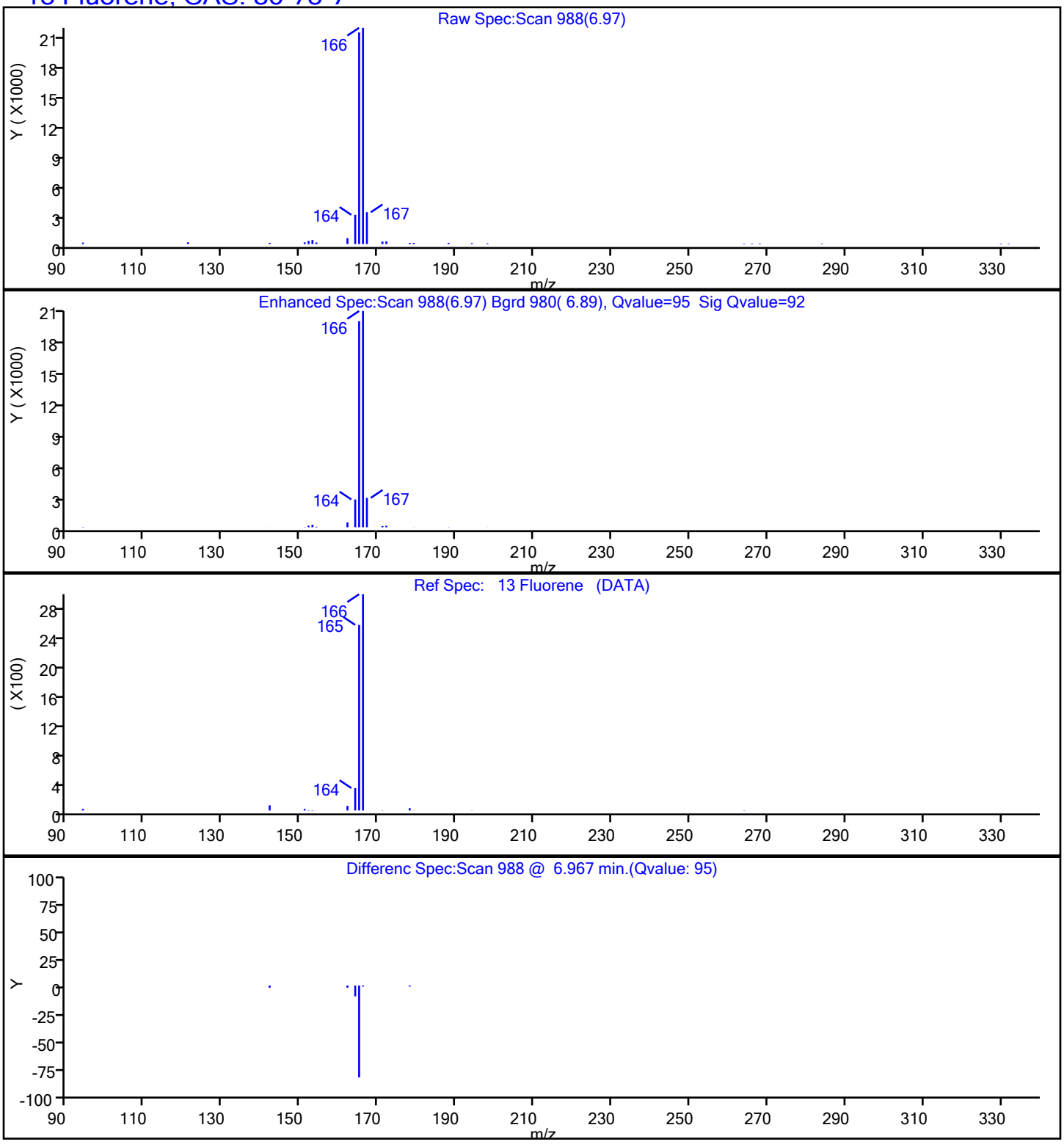
Report Date: 04-Aug-2025 08:36:36 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04816.D

Injection Date:	01-Aug-2025 23:54:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7		
Client ID:	MW-4S				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 Fluorene, CAS: 86-73-7



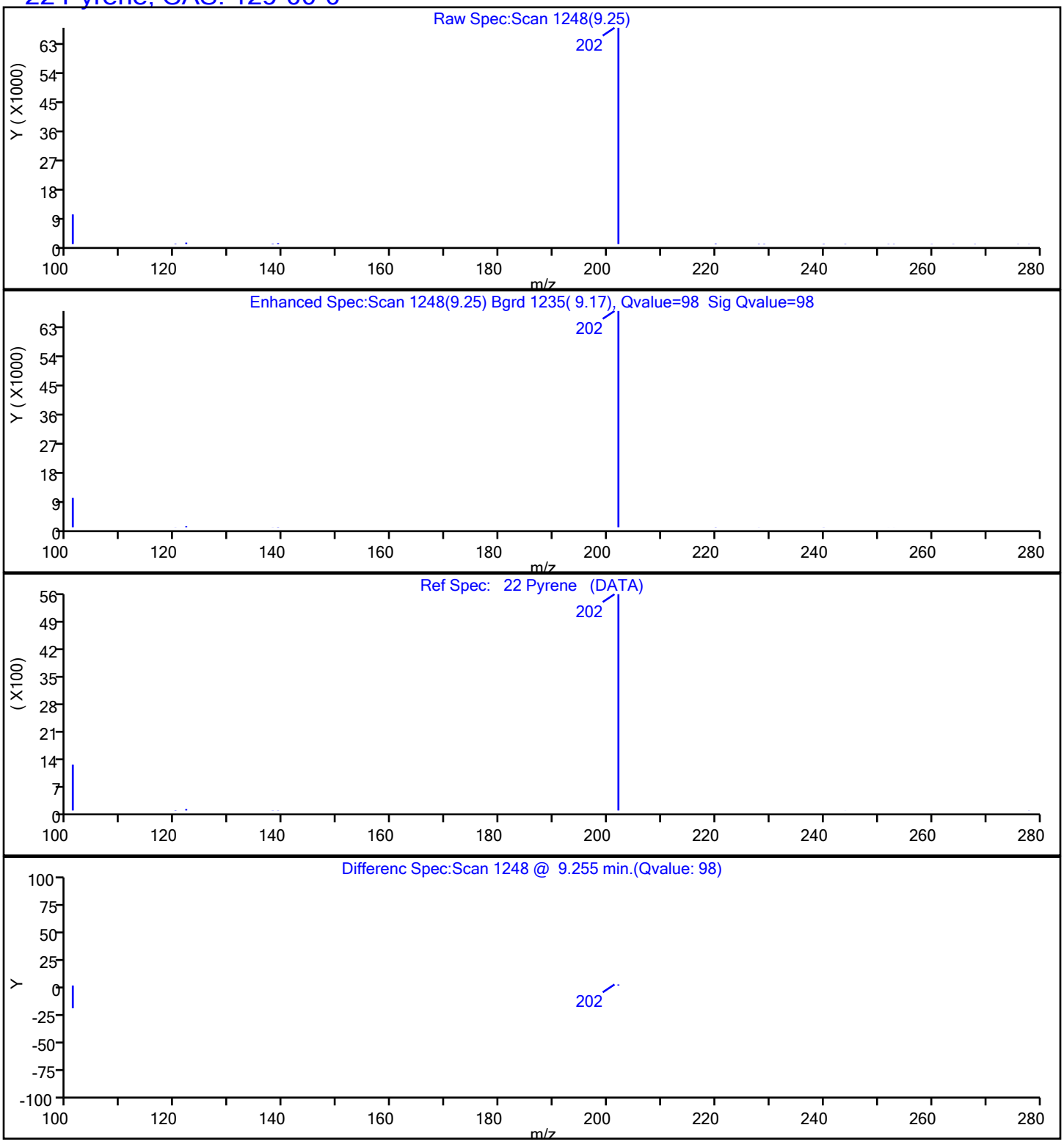
Report Date: 04-Aug-2025 08:36:36 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04816.D

Injection Date:	01-Aug-2025 23:54:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7		
Client ID:	MW-4S				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

22 Pyrene, CAS: 129-00-0



Manual Integration/User Assign Peak Report

Eurofins Edison

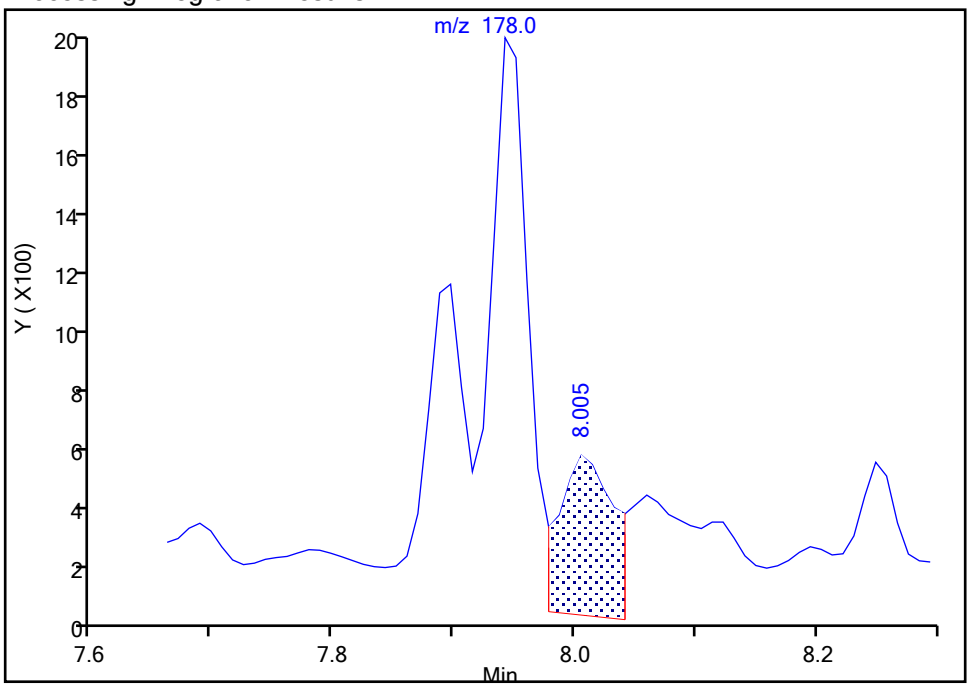
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04816.D				
Injection Date:	01-Aug-2025 23:54:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7		
Client ID:	MW-4S				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

19 Anthracene, CAS: 120-12-7

Signal: 1

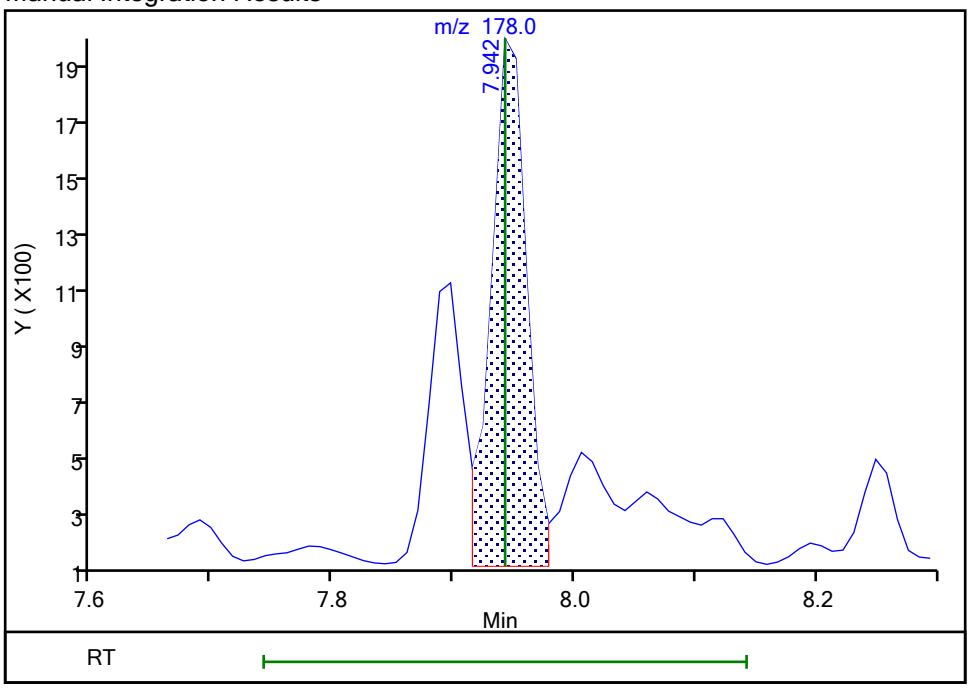
Processing Integration Results

RT: 8.01
Area: 1801
Amount: 0.002420
Amount Units: ug/ml



Manual Integration Results

RT: 7.94
Area: 3776
Amount: 0.005073
Amount Units: ug/ml



Reviewer: V5XH, 04-Aug-2025 08:36:03 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Wrong peak

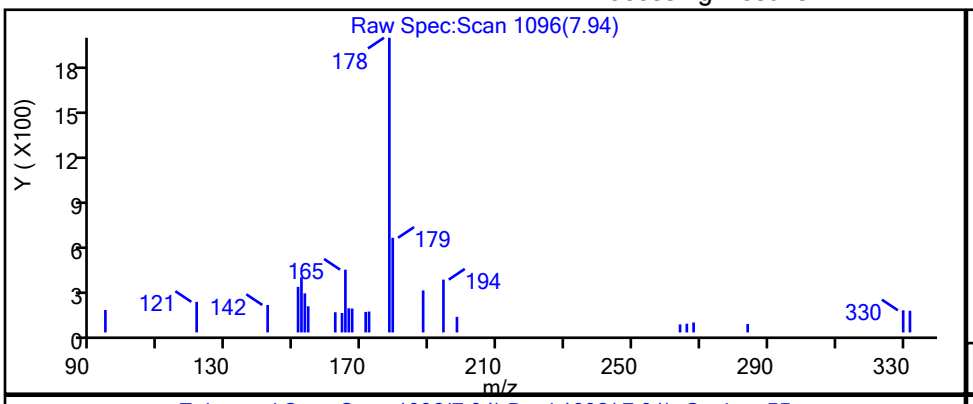
User Disabled Compound Report

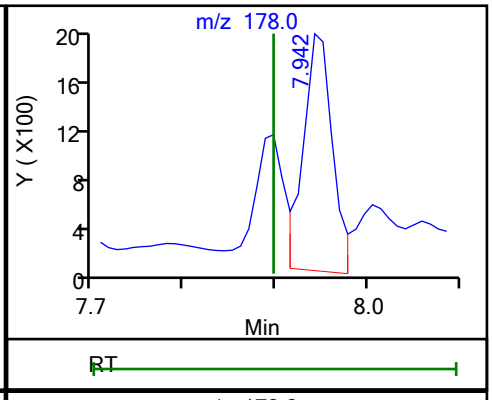
Eurofins Edison

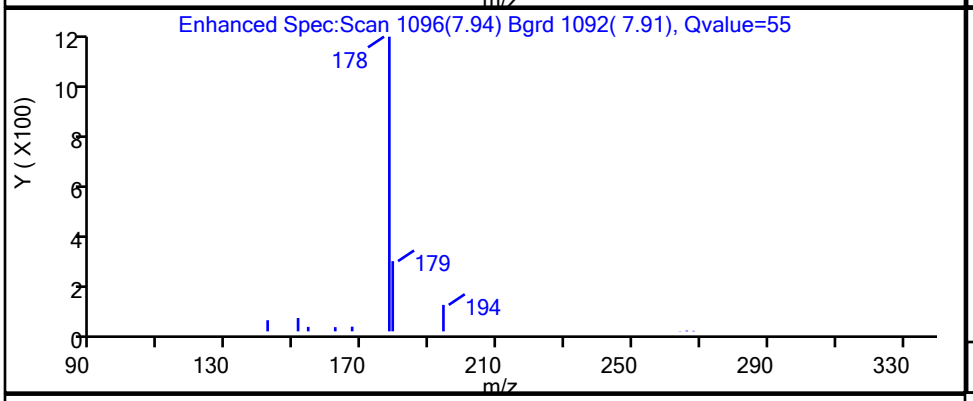
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04816.D				
Injection Date:	01-Aug-2025 23:54:30	Instrument ID:	CBNAMS13		
Lims ID:	460-331763-E-7-A	Lab Sample ID:	460-331763-7		
Client ID:	MW-4S				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

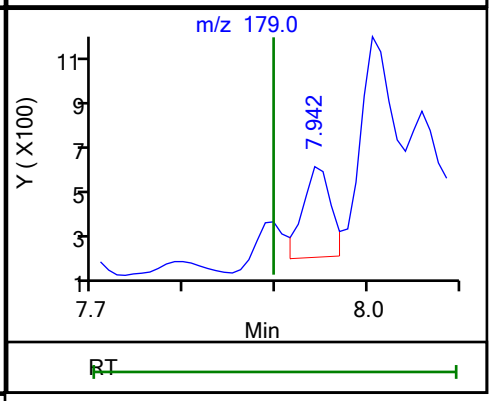
18 Phenanthrene, CAS: 85-01-8

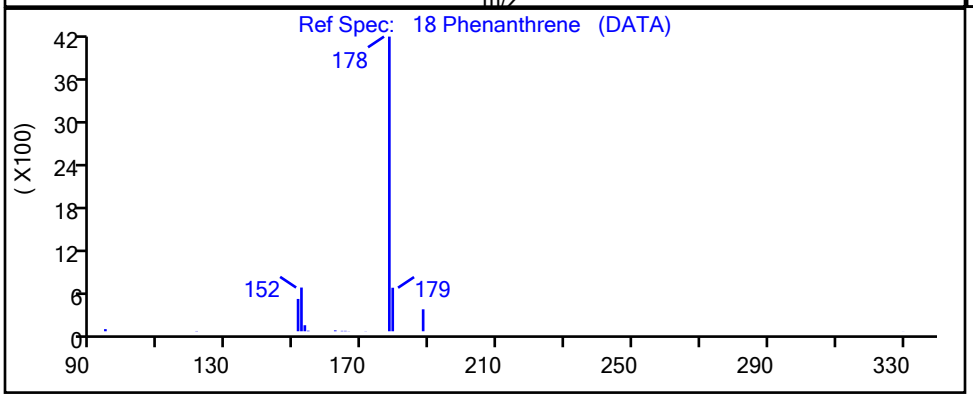
Processing Results











RT	Mass	Response	Amount
7.94	178.00	4455	0.005466
7.94	179.00	855	

Reviewer: V5XH, 04-Aug-2025 08:36:22 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1041946

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2025 11:38 Calibration End Date: 06/06/2025 14:28 Calibration ID: 101331

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-1041946/10	C03300.D
Level 2	STD2 460-1041946/9	C03299.D
Level 3	STD3 460-1041946/8	C03298.D
Level 4	STD4 460-1041946/7	C03297.D
Level 5	ICIS 460-1041946/2	C03292.D
Level 6	STD6 460-1041946/6	C03296.D
Level 7	STD7 460-1041946/5	C03295.D
Level 8	STD8 460-1041946/4	C03294.D
Level 9	STD9 460-1041946/3	C03293.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.3551 0.4227	0.4026 0.4682	0.3989 0.4631	0.4132 0.4563	0.4470	Ave		0.4252			0.0100	8.7		20.0			
N-Nitrosodimethylamine	0.4519 0.6876	0.5589 0.7852	0.6049 0.7650	0.6307 0.7630	0.7146	Ave		0.6624			0.0100	16.7		20.0			
Bis(2-chloroethyl)ether	1.0633 1.0758	1.0738 1.2136	0.9459 1.1870	1.0201 1.1665	1.1267	Ave		1.0969			0.4000	7.8		20.0			
Naphthalene	1.1913 1.0765	1.1010 1.0768	1.0184 1.1288	0.9782 1.0192	1.0793	Ave		1.0744			0.7000	6.0		20.0			
Acenaphthylene	1.8006 1.8447	1.7957 1.9332	1.6524 2.0657	1.5828 1.8295	1.8186	Ave		1.8137			0.6000	7.8		20.0			
Acenaphthene	1.3554 1.1294	1.3093 1.1442	1.1077 1.1810	1.0080 1.0311	1.1512	Ave		1.1575			0.6000	9.9		20.0			
Fluorene	1.4456 1.3865	1.3945 1.4330	1.2394 1.4472	1.2215 1.2978	1.3901	Ave		1.3617			0.9000	6.4		20.0			
4,6-Dinitro-2-methylphenol	0.0101 0.0649	0.0107 0.0935	0.0172 +++++	0.0263 +++++	0.0370	Qua1	0	0.0253	0.0173459		0.0100	47.3			0.9980		0.9900
Hexachlorobenzene	0.2402 0.2059	0.2108 0.2248	0.1812 0.2406	0.1942 0.2273	0.2161	Ave		0.2157			0.1000	9.3		20.0			
Pentachlorophenol	0.0285 0.1084	0.0098 0.1438	0.0302 0.1549	0.0517 +++++	0.0815	Qua1	-0.0001	0.1109	0.0046317		0.0500	89.9			0.9920		0.9900
Phenanthrene	1.3749 1.1437	1.2158 1.1359	1.1190 1.2079	1.0293 1.1530	1.2022	Ave		1.1757			0.7000	8.0		20.0			
Anthracene	1.0866 1.1430	1.0525 1.1804	0.9383 1.2313	0.9970 0.9427	1.0904	Ave		1.0736			0.7000	9.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-331763-1 Analy Batch No.: 1041946

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2025 11:38 Calibration End Date: 06/06/2025 14:28 Calibration ID: 101331

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Fluoranthene	1.1303 1.1306	1.0959 1.1301	0.9806 1.1840	0.9759 1.0172	1.1358	Ave		1.0867			0.6000	7.0		20.0			
Pyrene	2.0470 1.8029	1.9593 1.7961	1.7266 1.8284	1.6822 1.5787	1.8435	Ave		1.8072			0.6000	7.7		20.0			
Benzo[a]anthracene	1.8030 1.3622	1.3909 1.3857	1.1886 1.5254	1.1906 1.3034	1.3387	Ave		1.3876			0.8000	13.5		20.0			
Chrysene	1.9363 1.4708	1.7317 1.4350	1.4696 1.4379	1.4110 1.2954	1.5467	Ave		1.5260			0.7000	12.7		20.0			
Benzo[b]fluoranthene	1.3331 1.5432	1.4246 1.5435	1.3849 1.7075	1.3116 1.5265	1.4294	Ave		1.4672			0.7000	8.5		20.0			
Benzo[k]fluoranthene	1.6441 1.4057	1.5799 1.5074	1.2480 1.5875	1.3307 1.3948	1.4758	Ave		1.4638			0.7000	8.9		20.0			
Benzo[a]pyrene	0.9899 1.1084	1.0096 1.2073	0.8804 1.3339	0.9033 1.2119	1.1035	Ave		1.0831			0.7000	14.0		20.0			
Indeno[1,2,3-cd]pyrene	1.1010 1.1018	1.1232 1.2096	0.9555 1.3578	0.9320 1.3294	1.0408	Ave		1.1279			0.5000	13.2		20.0			
Dibenz(a,h)anthracene	1.0121 0.9419	0.9315 1.0287	0.7656 1.1520	0.7876 1.0997	0.8565	Ave		0.9528			0.4000	14.0		20.0			
Benzo[g,h,i]perylene	1.0985 0.9984	1.0441 1.0664	0.8861 1.1696	0.8688 1.1353	0.9590	Ave		1.0252			0.5000	10.3		20.0			
Nitrobenzene-d5 (Surr)	0.2978	0.2881 0.3433	0.2876 0.3761	0.2979 0.3066	0.3091	Ave		0.3133			0.0100	9.9		20.0			
2-Fluorobiphenyl	1.3983	1.3867 1.5759	1.4072 1.6963	1.4070 1.1660	1.4564	Ave		1.4367			0.0100	10.7		20.0			
2,4,6-Tribromophenol	0.1945	0.1534 0.2238	0.1658 0.2470	0.1715 0.2127	0.1920	Ave		0.1951			0.0100	16.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1041946

SDG No.:

Instrument ID: CBNAMS13 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2025 11:38 | Calibration End Date: 06/06/2025 14:28 | Calibration ID: 101331

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-1041946/10	C03300.D
Level 2	STD2 460-1041946/9	C03299.D
Level 3	STD3 460-1041946/8	C03298.D
Level 4	STD4 460-1041946/7	C03297.D
Level 5	ICIS 460-1041946/2	C03292.D
Level 6	STD6 460-1041946/6	C03296.D
Level 7	STD7 460-1041946/5	C03295.D
Level 8	STD8 460-1041946/4	C03294.D
Level 9	STD9 460-1041946/3	C03293.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd4	Ave	374 206657	2062 379103	21776 939932	45165 1870626	98882	0.00400 2.00	0.0200 4.00	0.200 10.0	0.400 20.0	0.800
N-Nitrosodimethylamine	DCBd4	Ave	476 168076	2863 317930	16508 776410	34472 1564105	79033	0.00400 1.00	0.0200 2.00	0.100 5.00	0.200 10.0	0.400
Bis(2-chloroethyl)ether	DCBd4	Ave	112 262958	550 491355	5163 1204672	55758 2391353	124610	0.000400 1.00	0.00200 2.00	0.0200 5.00	0.200 10.0	0.400
Naphthalene	NPT	Ave	1198 408439	5397 1700343	21074 4478089	102229 8140985	228847	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Acenaphthylene	ANT	Ave	999 395256	4807 1746830	18344 4749532	92543 8361063	216588	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Acenaphthene	ANT	Ave	752 241999	3505 1033907	12297 2715377	58935 4712409	137097	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Fluorene	ANT	Ave	802 297085	3733 1294829	13759 3327503	71421 5931254	165554	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
4,6-Dinitro-2-methylphenol	PHN	Qua1	85 133783	434 318644	3614 +++++	11503 +++++	34302	0.00800 2.00	0.0400 4.00	0.200 +++++	0.400 +++++	0.800
Hexachlorobenzene	PHN	Ave	101 212093	426 383117	3816 1000810	42406 1852635	100067	0.000400 1.00	0.00200 2.00	0.0200 5.00	0.200 10.0	0.400
Pentachlorophenol	PHN	Qua1	96 111645	158 489965	3184 1288928	11287 +++++	37750	0.00320 1.00	0.0160 4.00	0.100 10.0	0.200 +++++	0.400
Phenanthrene	PHN	Ave	1445 471290	6142 1935534	23567 5024028	112380 9397978	278290	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Anthracene	PHN	Ave	1142 471033	5317 2011477	19763 5121672	108854 7683674	252412	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Fluoranthene	PHN	Ave	1188 465891	5536 1925789	20653 4924857	106552 8290759	262926	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Pyrene	CRY	Ave	1183 479646	5560 1960177	20911 4916704	108590 8473913	271250	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Benzo[a]anthracene	CRY	Ave	1042	3947	14395	76856	196986	0.00100	0.00500	0.0200	0.100	0.200

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-331763-1 | Analy Batch No.: 1041946

SDG No.:

Instrument ID: CBNAMS13 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/06/2025 11:38 | Calibration End Date: 06/06/2025 14:28 | Calibration ID: 101331

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			362391	1512248	4101844	6996369		0.400	2.00	5.00	10.0	
Chrysene	CRY	Ave	1119 391299	4914 1566064	17799 3866561	91084 6953410	227588	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Benzo[b]fluoranthene	PRY	Ave	540 324977	2935 1323608	12470 3584023	65688 6745670	169934	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Benzo[k]fluoranthene	PRY	Ave	666 296012	3255 1292593	11238 3332036	66648 6163567	175447	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Benzo[a]pyrene	PRY	Ave	401 233403	2080 1035292	7928 2799748	45239 5355261	131183	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Indeno[1,2,3-cd]pyrene	PRY	Ave	446 232029	2314 1037211	8604 2850008	46680 5874595	123729	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Dibenz(a,h)anthracene	PRY	Ave	410 198353	1919 882096	6894 2417897	39446 4859524	101819	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Benzo[g,h,i]perylene	PRY	Ave	445 210246	2151 914482	7979 2454951	43514 5016952	114010	0.00100 0.400	0.00500 2.00	0.0200 5.00	0.100 10.0	0.200
Nitrobenzene-d5 (Surr)	NPT	Ave	 282463	282455 271019	297567 298405	311336 244914	327646	 1.00	1.00 1.00	1.00 1.00	1.00 1.00	1.00
2-Fluorobiphenyl	ANT	Ave	 749013	742448 711990	781119 780028	822644 532908	867252	 1.00	1.00 1.00	1.00 1.00	1.00 1.00	1.00
2,4,6-Tribromophenol	ANT	Ave	 104206	82135 101100	92050 113604	100247 97205	114339	 1.00	1.00 1.00	1.00 1.00	1.00 1.00	1.00

Curve Type Legend:

Ave = Average ISTD
Qua1 = Quadratic 1/conc ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03292.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 06-Jun-2025 11:38:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191869-002
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-SIM_BNA13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 06-Jun-2025 15:22:36 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: G4KC Date: 06-Jun-2025 11:59:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.520	1.520	0.000	97	98882	0.8000	0.8411	M
2 N-Nitrosodimethylamine	74	1.655	1.655	0.000	84	79033	0.4000	0.4315	
3 Bis(2-chloroethyl)ether	93	3.359	3.359	0.000	93	124610	0.4000	0.4108	
* 5 1,4-Dichlorobenzene-d4	152	3.613	3.613	0.000	100	55299	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.164	4.164	0.000	100	327646	1.00	0.9864	
* 7 Naphthalene-d8	136	4.875	4.875	0.000	99	212033	0.2000	0.2000	
8 Naphthalene	128	4.896	4.896	0.000	100	228847	0.2000	0.2009	
$ 9 2-Fluorobiphenyl	172	5.959	5.959	0.000	96	867252	1.00	1.01	
10 Acenaphthylene	152	6.465	6.465	0.000	100	216588	0.2000	0.2005	
* 11 Acenaphthene-d10	164	6.610	6.610	0.000	96	119095	0.2000	0.2000	
12 Acenaphthene	154	6.637	6.637	0.000	94	137097	0.2000	0.1989	
13 Fluorene	166	7.142	7.142	0.000	92	165554	0.2000	0.2042	
14 4,6-Dinitro-2-methylphenol	198	7.223	7.223	0.000	92	34302	0.8000	0.7730	
$ 20 2,4,6-Tribromophenol	330	7.386	7.386	0.000	93	114339	1.00	0.9842	
15 Hexachlorobenzene	284	7.684	7.684	0.000	98	100067	0.4000	0.4008	
16 Pentachlorophenol	266	7.892	7.892	0.000	92	37750	0.4000	0.2984	
* 17 Phenanthrene-d10	188	8.045	8.045	0.000	100	231483	0.2000	0.2000	
18 Phenanthrene	178	8.072	8.072	0.000	97	278290	0.2000	0.2045	
19 Anthracene	178	8.117	8.117	0.000	100	252412	0.2000	0.2031	
21 Fluoranthene	202	9.223	9.223	0.000	95	262926	0.2000	0.2090	
22 Pyrene	202	9.433	9.433	0.000	98	271250	0.2000	0.2040	
$ 23 Terphenyl-d14	244	9.618	9.618	0.000	95	848806	1.00	0.9664	
24 Benzo[a]anthracene	228	10.626	10.626	0.000	96	196986	0.2000	0.1930	
* 25 Chrysene-d12	240	10.640	10.640	0.000	83	147142	0.2000	0.2000	
26 Chrysene	228	10.666	10.666	0.000	99	227588	0.2000	0.2027	
27 Benzo[b]fluoranthene	252	11.859	11.859	0.000	100	169934	0.2000	0.1949	
28 Benzo[k]fluoranthene	252	11.885	11.885	0.000	99	175447	0.2000	0.2016	
29 Benzo[a]pyrene	252	12.248	12.248	0.000	100	131183	0.2000	0.2038	
* 30 Perylene-d12	264	12.320	12.320	0.000	100	118881	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.645	13.645	0.000	88	123729	0.2000	0.1846	
32 Dibenz(a,h)anthracene	278	13.678	13.678	0.000	94	101819	0.2000	0.1798	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	13.962	13.962	0.000	78	114010	0.2000	0.1871	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

SM_simSlviL5_00021 Amount Added: 1.00 Units: mL

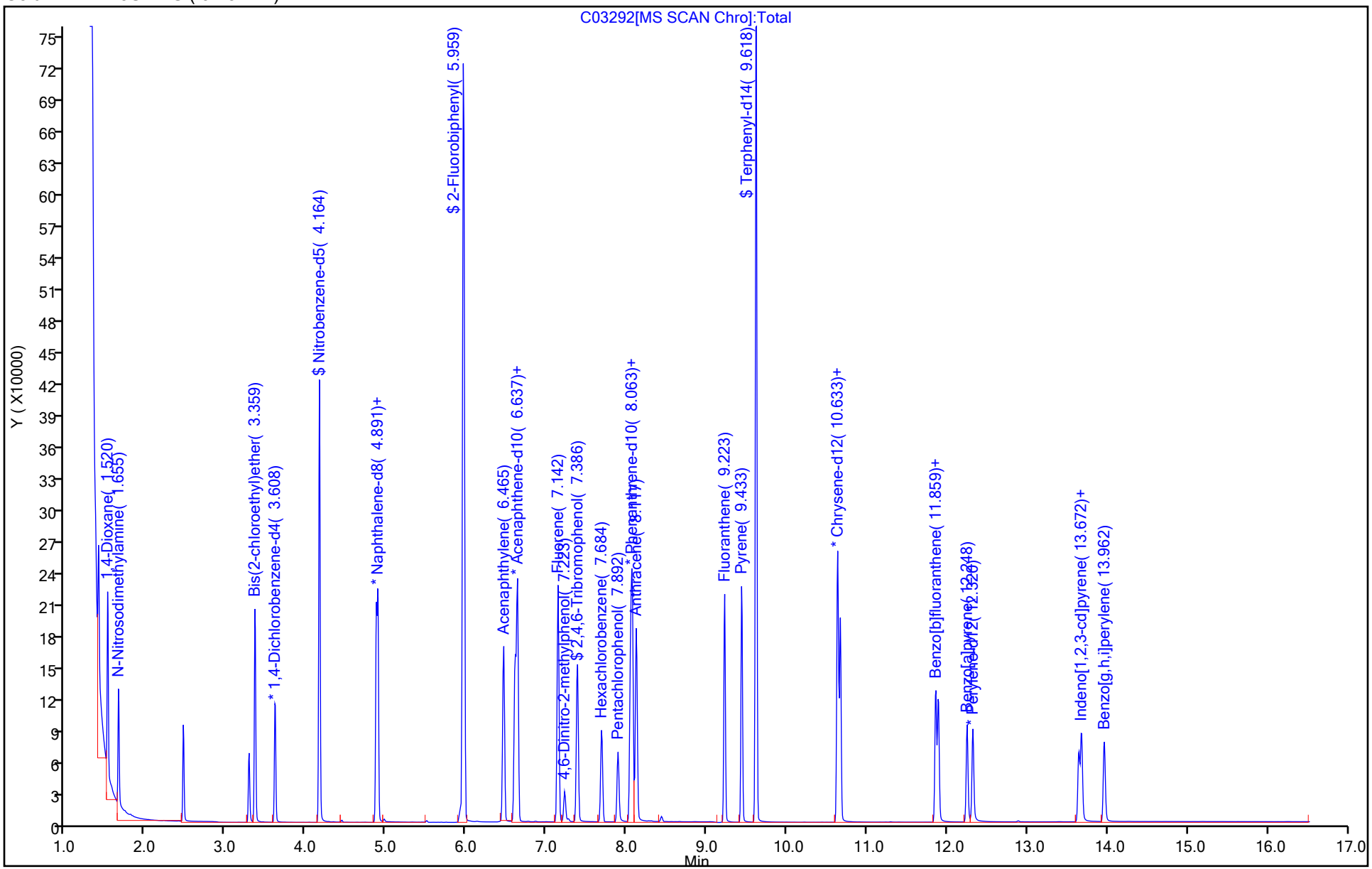
Report Date: 06-Jun-2025 15:22:37 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03292.D

Injection Date:	06-Jun-2025 11:38:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

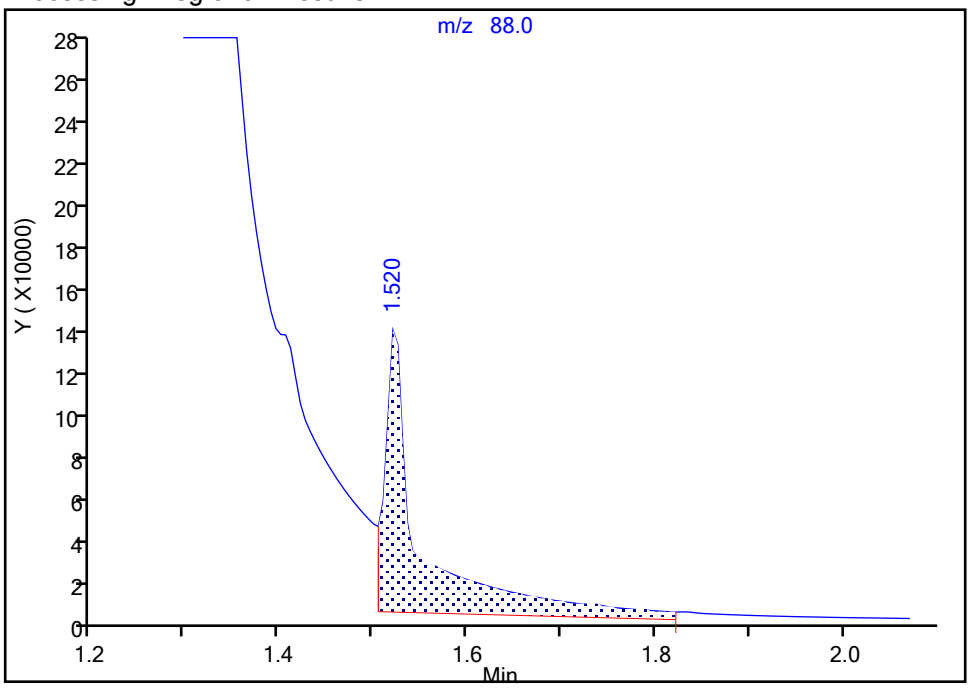
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03292.D
Injection Date: 06-Jun-2025 11:38:30 Instrument ID: CBNAMS13
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

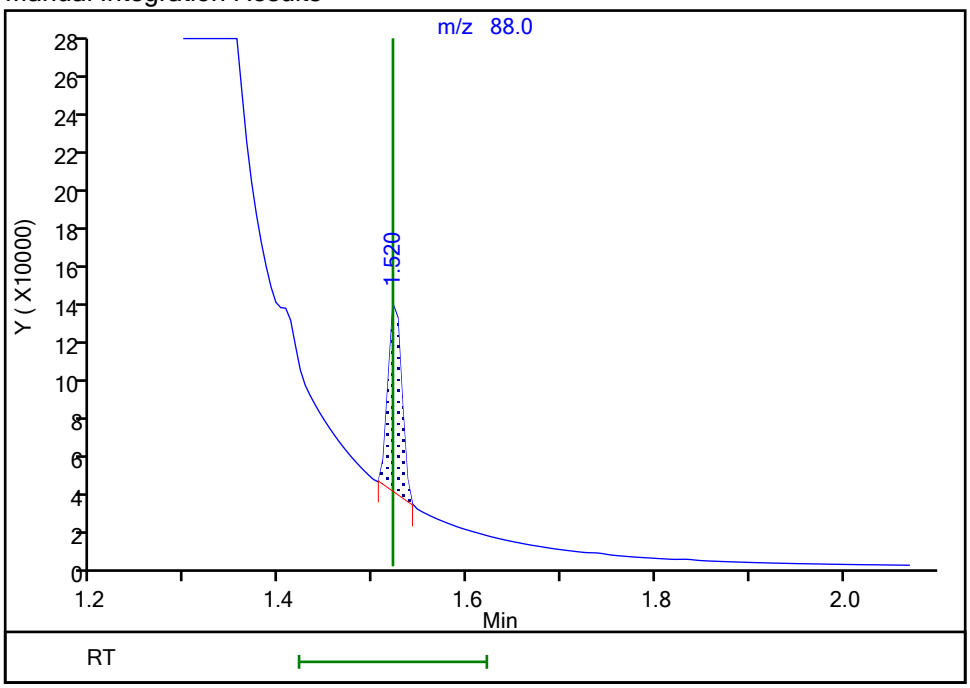
Processing Integration Results

RT: 1.52
Area: 362439
Amount: 0.800000
Amount Units: ug/ml



Manual Integration Results

RT: 1.52
Area: 98882
Amount: 0.841050
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 11:58:43 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Lims ID: STD9
Client ID:
Sample Type: IC Calib Level: 10
Inject. Date: 06-Jun-2025 11:59:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191869-003
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-SIM_BNA13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 06-Jun-2025 15:22:38 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: G4KC Date: 06-Jun-2025 12:25:38

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.645	1.520	0.125	100	1870626	20.0	21.5	M
	2 N-Nitrosodimethylamine	74	1.780	1.655	0.125	75	1564105	10.0	11.5	a
	3 Bis(2-chloroethyl)ether	93	3.348	3.359	-0.011	94	2391353	10.0	10.6	
*	5 1,4-Dichlorobenzene-d4	152	3.598	3.613	-0.015	99	41000	0.2000	0.2000	
$	6 Nitrobenzene-d5	82	4.159	4.164	-0.005	99	244914	1.00	0.9786	M
*	7 Naphthalene-d8	136	4.875	4.875	0.000	22	159755	0.2000	0.2000	M
	8 Naphthalene	128	4.896	4.896	0.000	100	8140985	10.0	9.49	M
$	9 2-Fluorobiphenyl	172	5.959	5.959	0.000	96	532908	1.00	0.8116	
	10 Acenaphthylene	152	6.465	6.465	0.000	100	8361063	10.0	10.1	M
*	11 Acenaphthene-d10	164	6.609	6.610	-0.001	20	91405	0.2000	0.2000	M
	12 Acenaphthene	154	6.637	6.637	0.000	95	4712409	10.0	8.91	M
	13 Fluorene	166	7.142	7.142	0.000	95	5931254	10.0	9.53	M
	14 4,6-Dinitro-2-methylphenol	198	7.232	7.223	0.009	93	2033795	20.0	11.3	M
$	20 2,4,6-Tribromophenol	330	7.386	7.386	0.000	64	97205	1.00	1.09	M
	15 Hexachlorobenzene	284	7.693	7.684	0.009	99	1852635	10.0	10.5	M
	16 Pentachlorophenol	266	7.901	7.892	0.009	93	2947312	20.0	18.4	M
*	17 Phenanthrene-d10	188	8.054	8.045	0.009	14	163014	0.2000	0.2000	M
	18 Phenanthrene	178	8.081	8.072	0.009	96	9397978	10.0	9.81	M
	19 Anthracene	178	8.126	8.117	0.009	98	7683674	10.0	8.78	
	21 Fluoranthene	202	9.229	9.223	0.007	96	8290759	10.0	9.36	M
	22 Pyrene	202	9.440	9.433	0.007	99	8473913	10.0	8.74	M
$	23 Terphenyl-d14	244	9.611	9.618	-0.007	95	609808	1.00	0.9516	M
	24 Benzo[a]anthracene	228	10.633	10.626	0.007	96	6996369	10.0	9.39	M
*	25 Chrysene-d12	240	10.646	10.640	0.006	3	107356	0.2000	0.2000	
	26 Chrysene	228	10.673	10.666	0.007	100	6953410	10.0	8.49	
	27 Benzo[b]fluoranthene	252	11.866	11.859	0.007	100	6745670	10.0	10.4	
	28 Benzo[k]fluoranthene	252	11.899	11.885	0.013	100	6163567	10.0	9.53	
	29 Benzo[a]pyrene	252	12.254	12.248	0.006	100	5355261	10.0	11.2	
*	30 Perylene-d12	264	12.320	12.320	0.000	98	88378	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	13.652	13.645	0.007	91	5874595	10.0	11.8	
	32 Dibenz(a,h)anthracene	278	13.685	13.678	0.007	95	4859524	10.0	11.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	13.981	13.962	0.019	78	5016952	10.0	11.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_simSlviL9_00003 Amount Added: 1.00 Units: mL

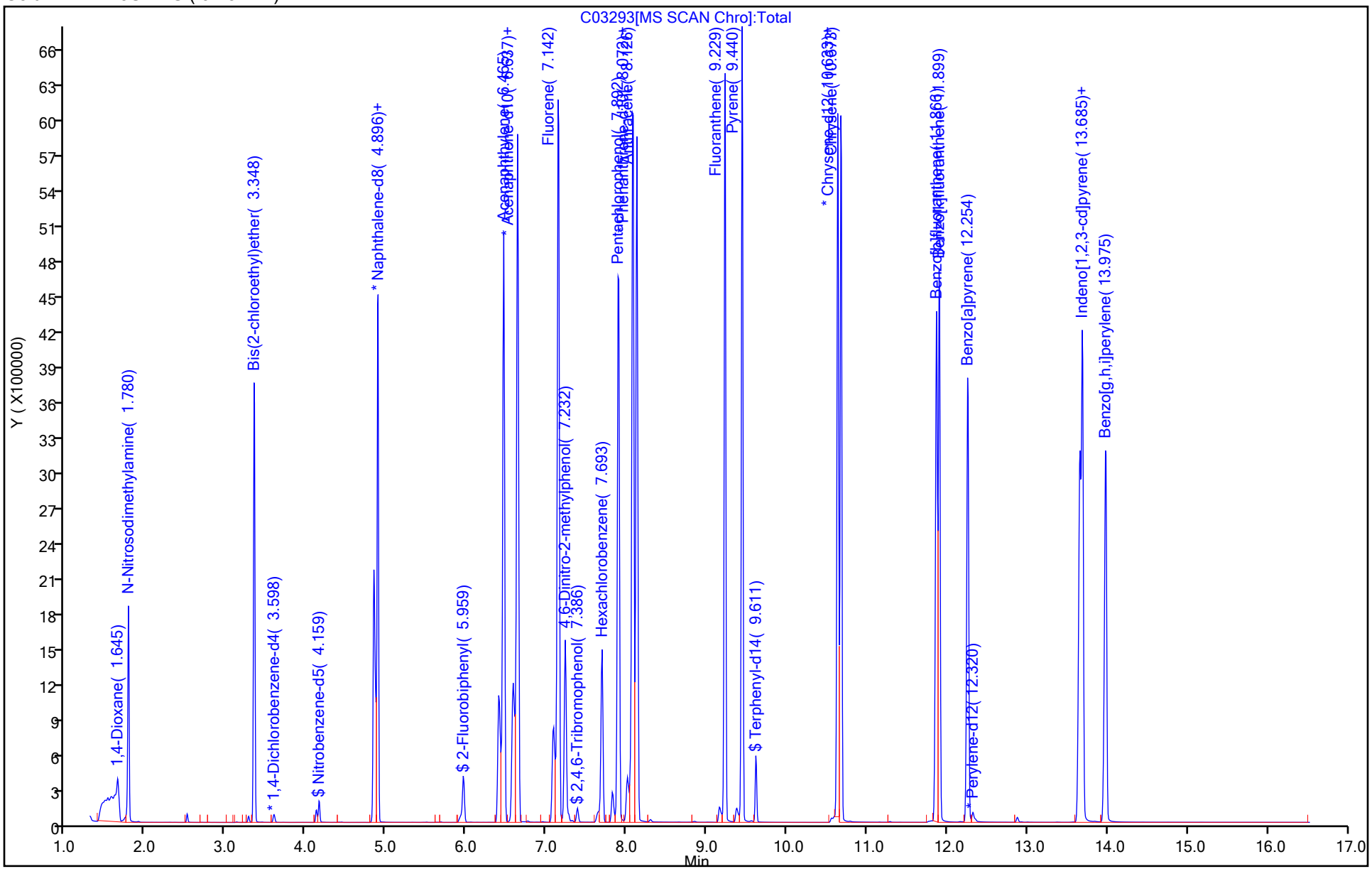
Report Date: 06-Jun-2025 15:22:39 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D

Injection Date:	06-Jun-2025 11:59:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD9			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

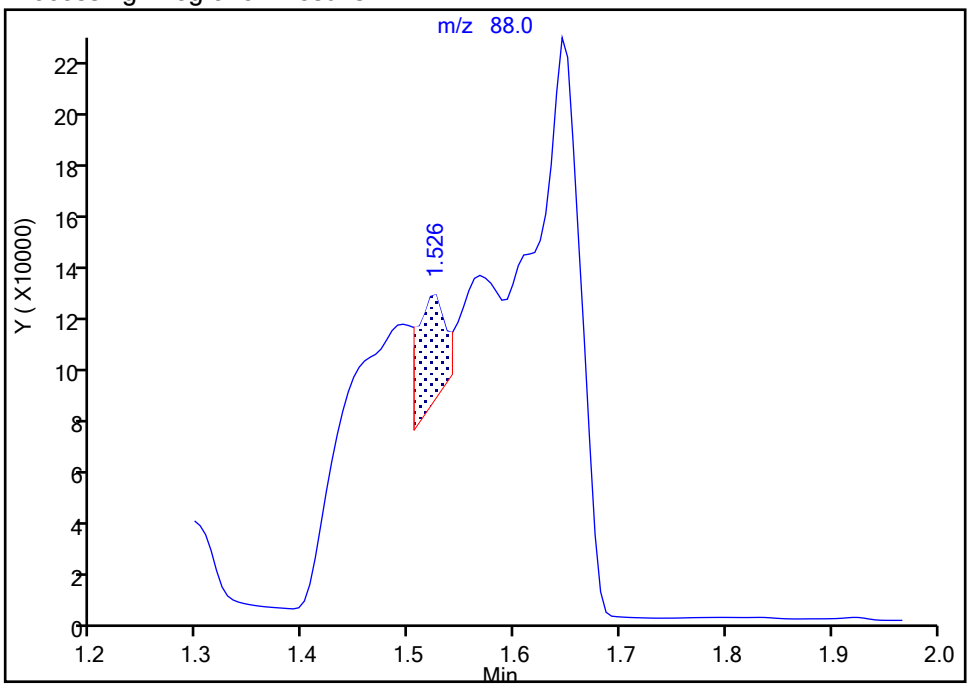
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

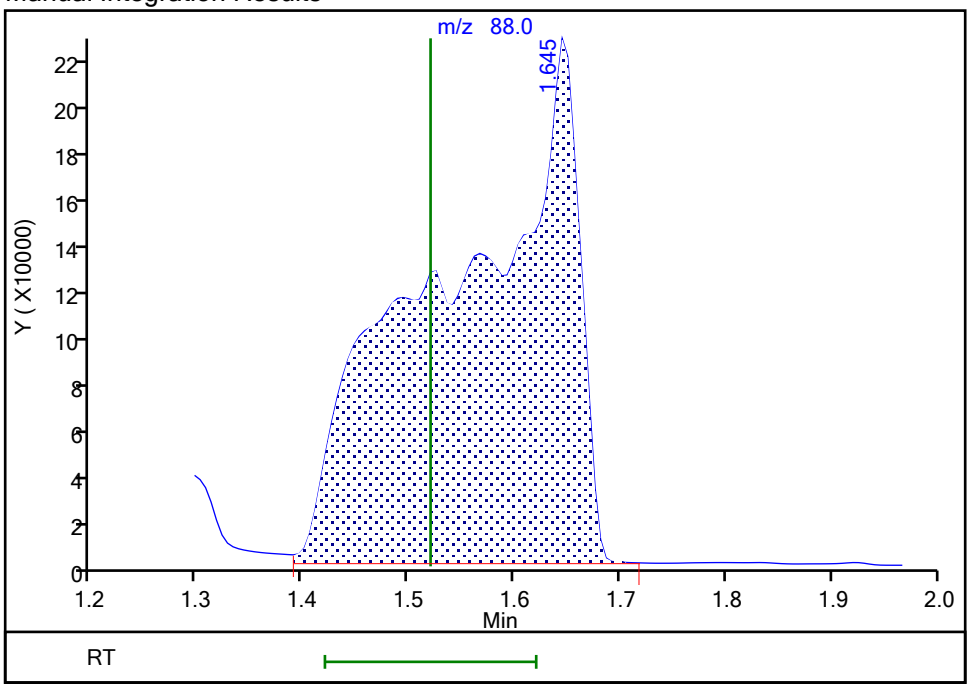
Processing Integration Results

RT: 1.53
Area: 79975
Amount: 20.000000
Amount Units: ug/ml



Manual Integration Results

RT: 1.65
Area: 1870626
Amount: 21.459773
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:21:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

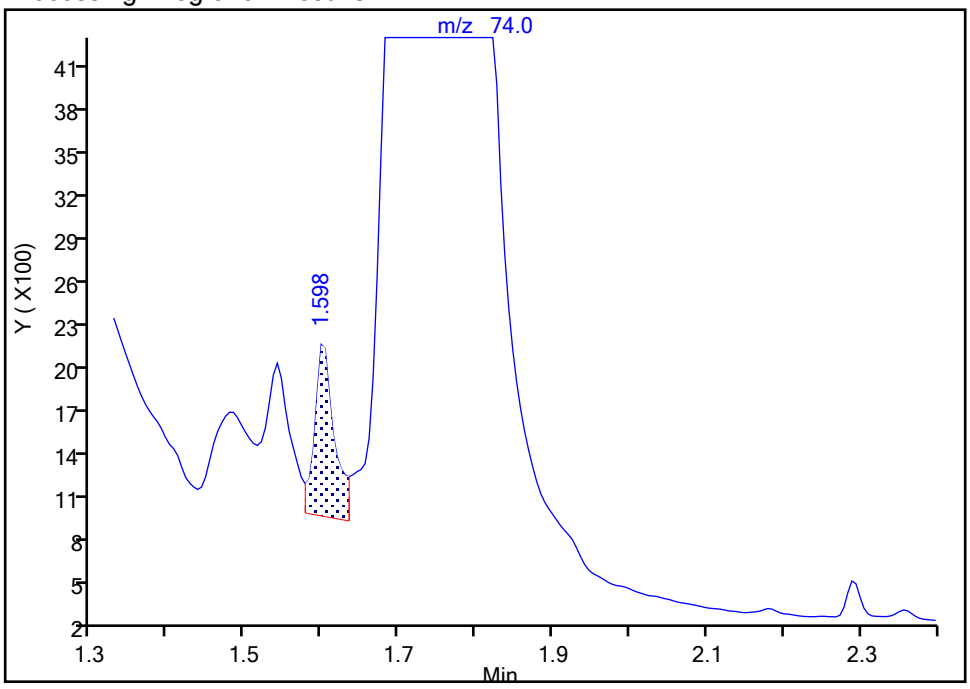
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

2 N-Nitrosodimethylamine, CAS: 62-75-9

Signal: 1

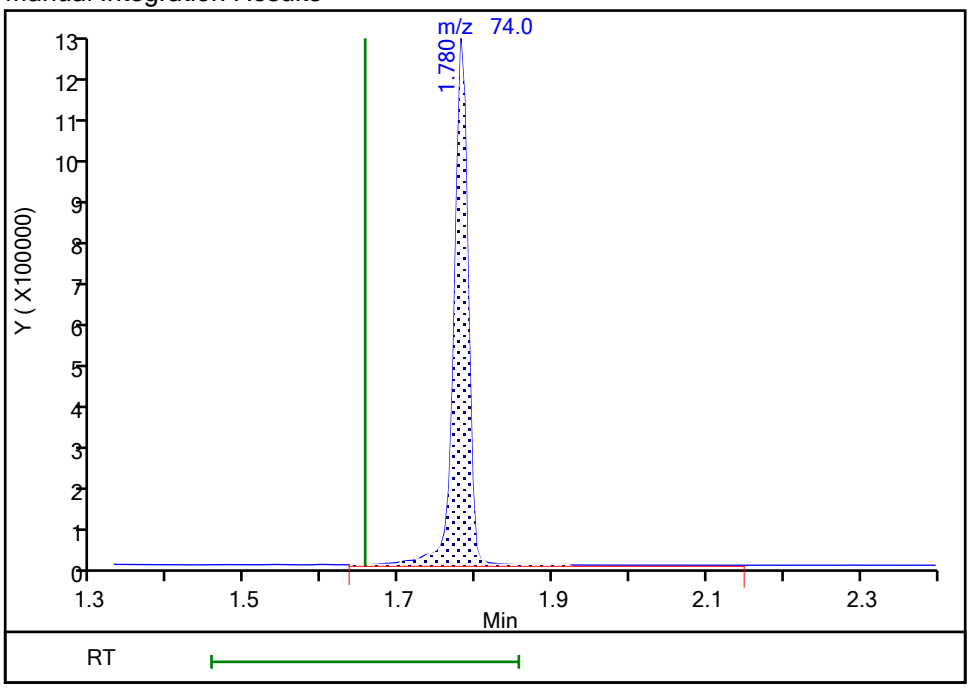
Processing Integration Results

RT: 1.60
Area: 2134
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 1.78
Area: 1564105
Amount: 11.518065
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:21:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

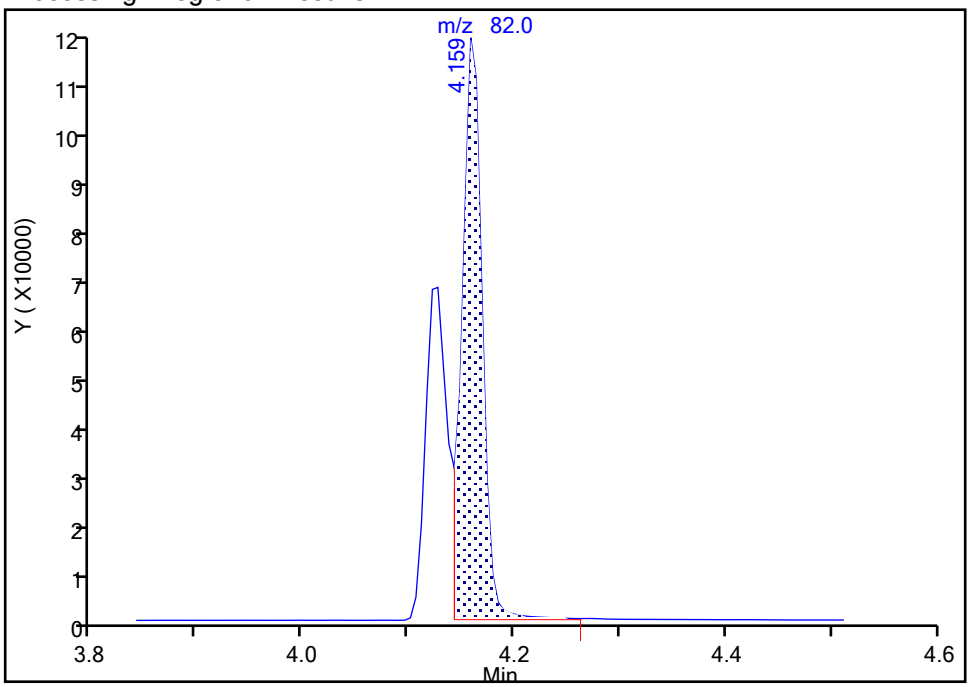
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 6 Nitrobenzene-d5, CAS: 4165-60-0

Signal: 1

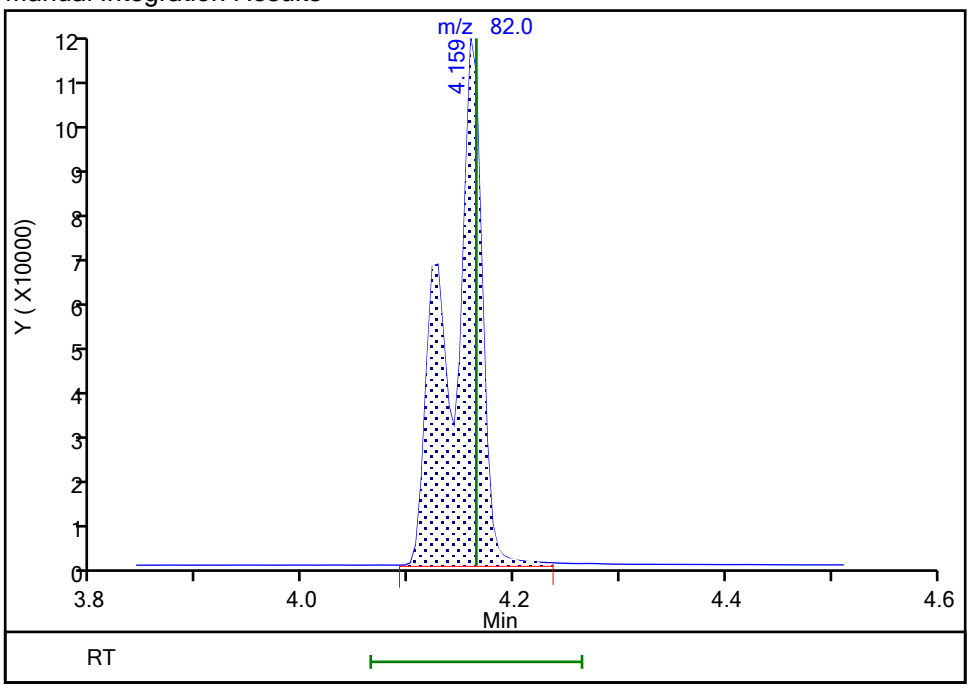
Processing Integration Results

RT: 4.16
Area: 155543
Amount: 1.000000
Amount Units: ug/ml



Manual Integration Results

RT: 4.16
Area: 244914
Amount: 0.978646
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:23:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

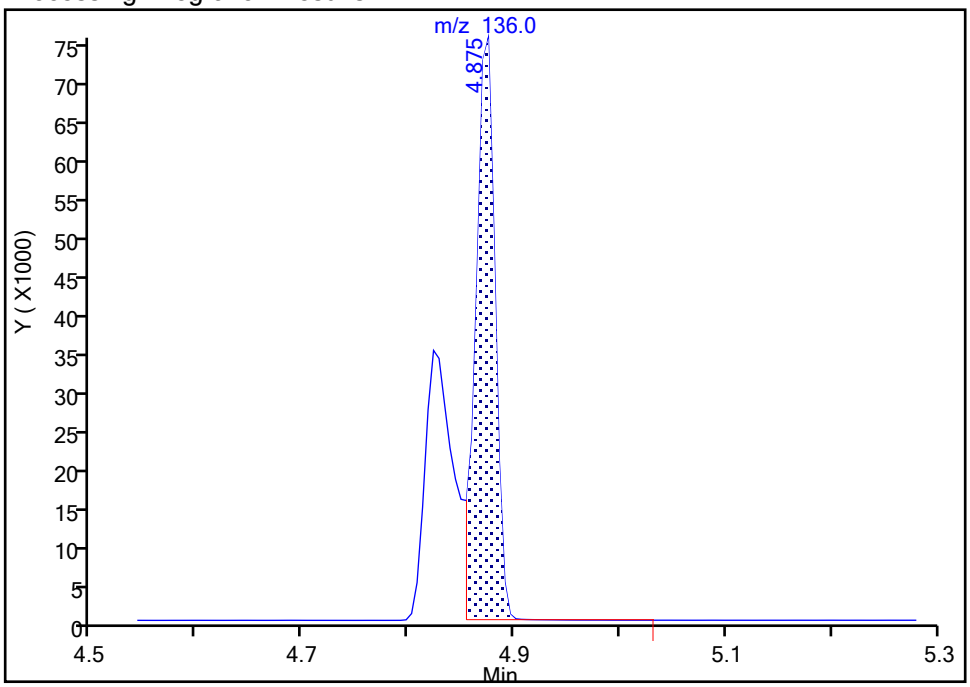
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

* 7 Naphthalene-d8, CAS: 1146-65-2

Signal: 1

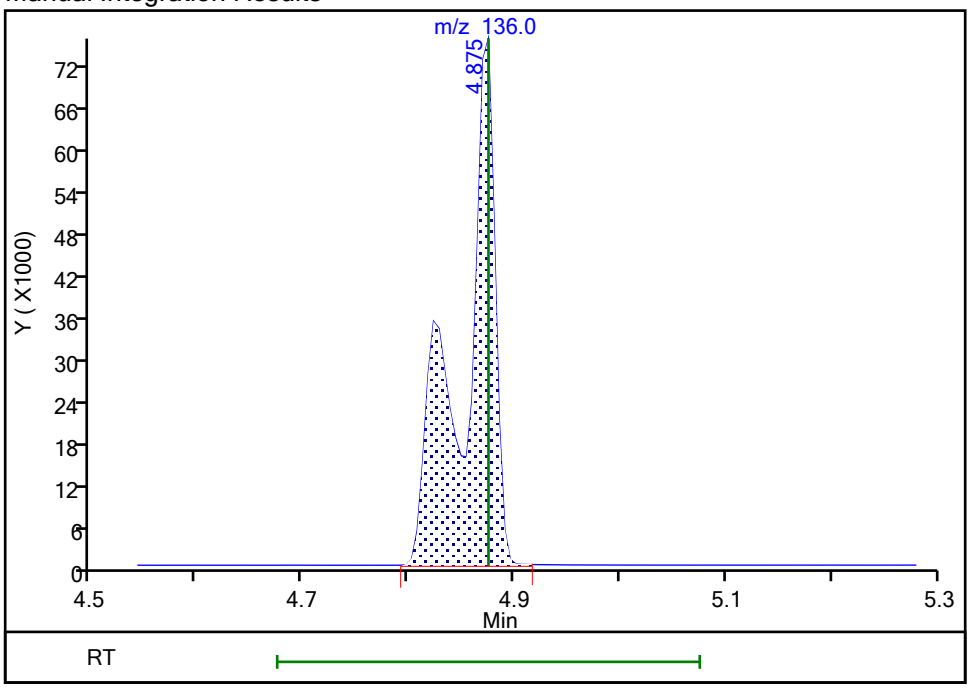
Processing Integration Results

RT: 4.88
Area: 97182
Amount: 0.200000
Amount Units: ug/ml



Manual Integration Results

RT: 4.88
Area: 159755
Amount: 0.200000
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:23:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

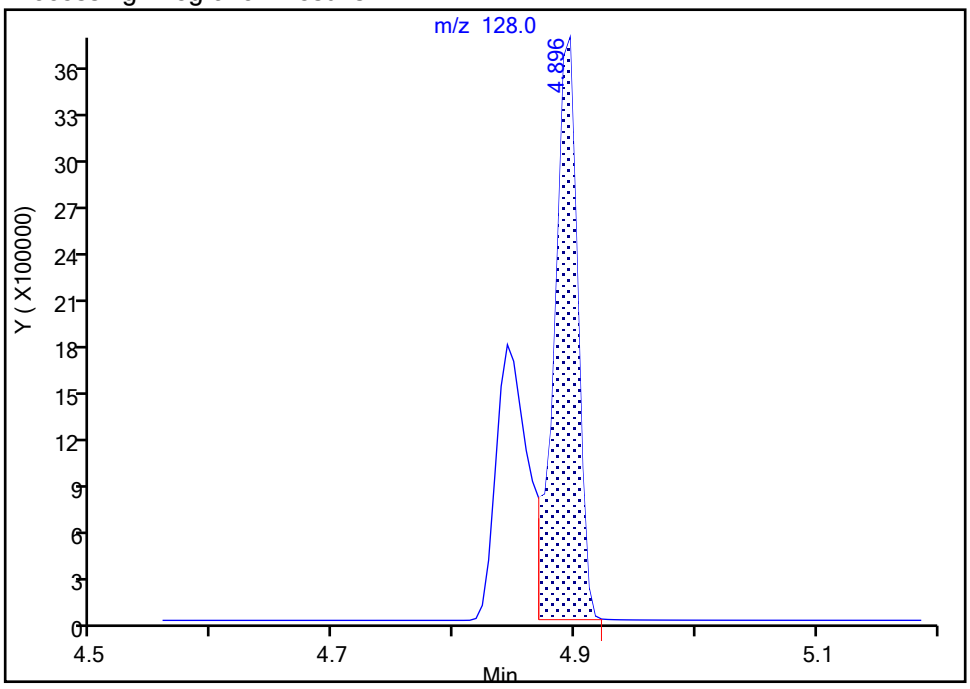
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

8 Naphthalene, CAS: 91-20-3

Signal: 1

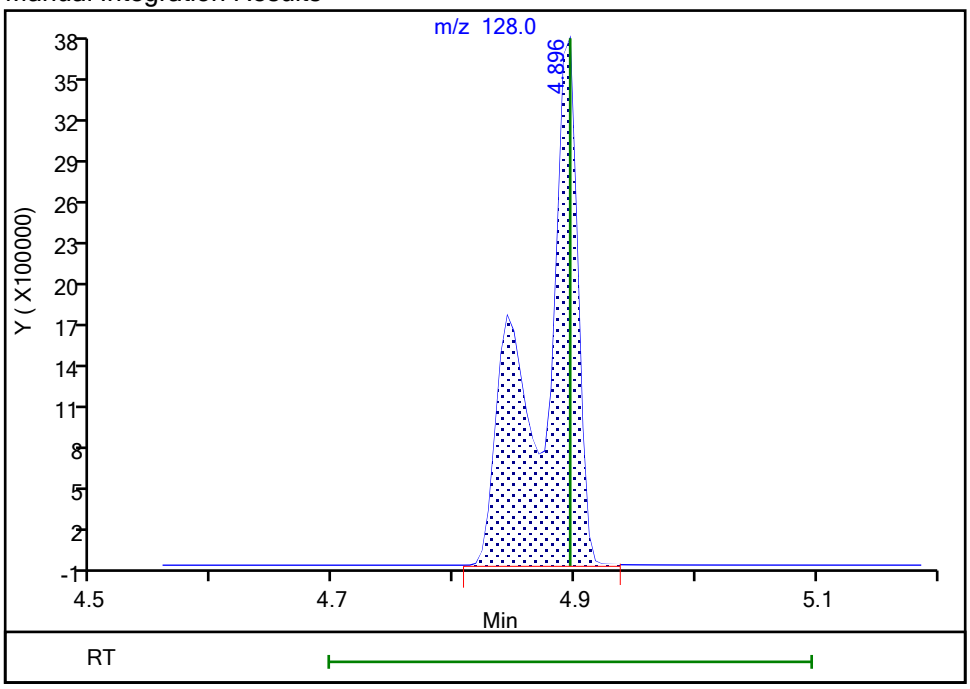
Processing Integration Results

RT: 4.90
Area: 5090487
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 4.90
Area: 8140985
Amount: 9.486207
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:23:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

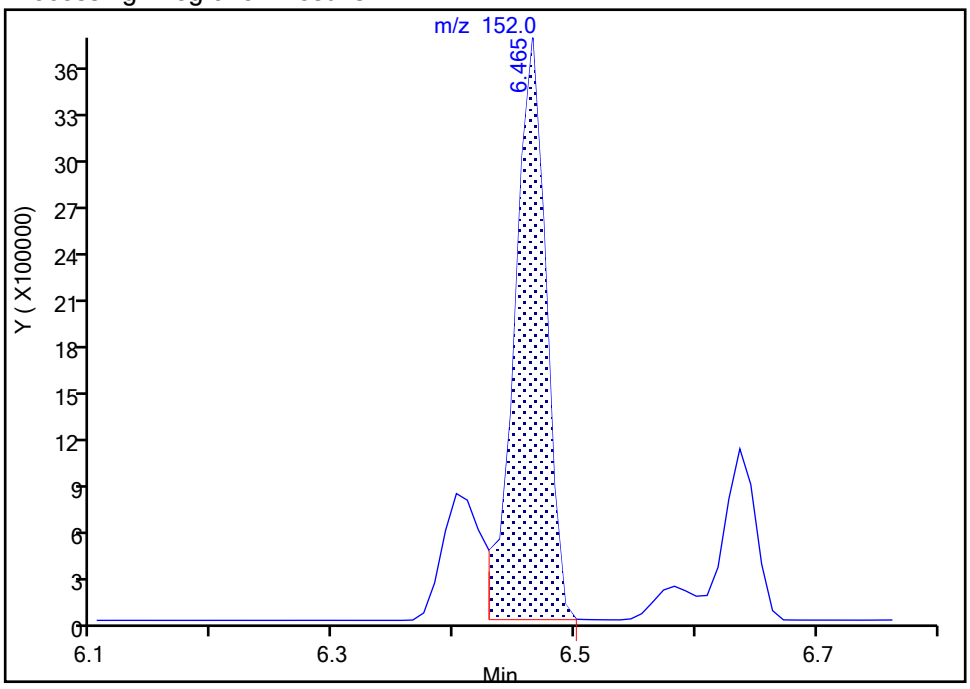
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

10 Acenaphthylene, CAS: 208-96-8

Signal: 1

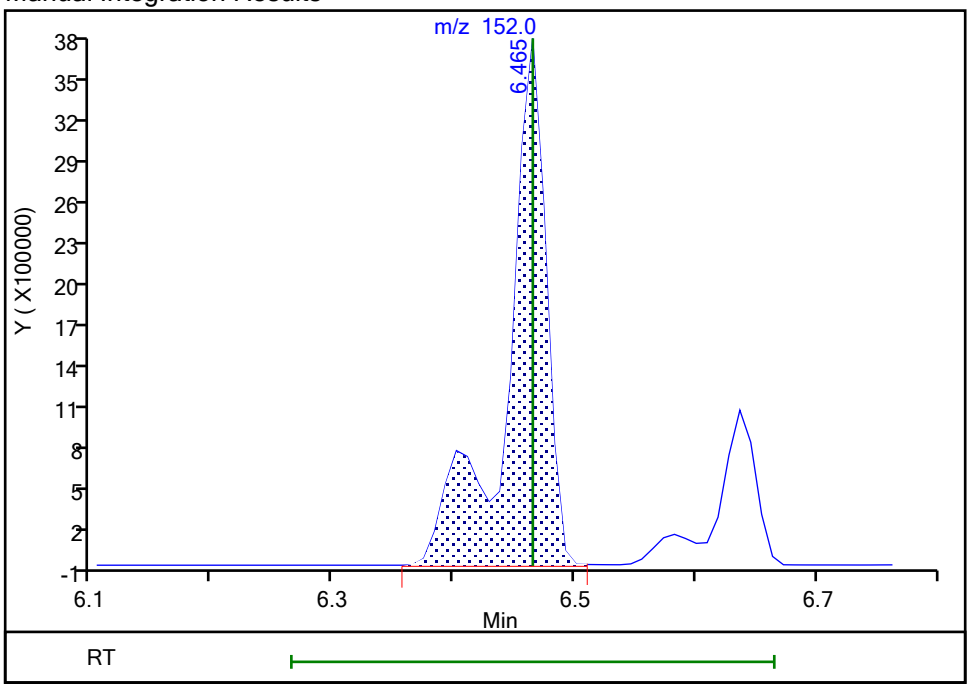
Processing Integration Results

RT: 6.47
Area: 6728478
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 6.47
Area: 8361063
Amount: 10.087009
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:23:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

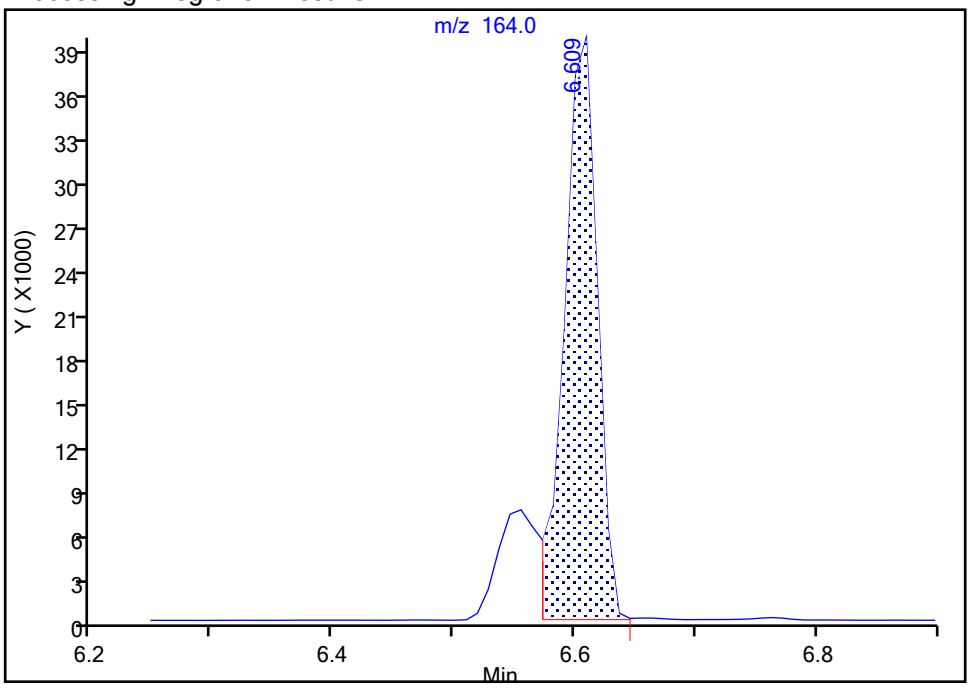
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

* 11 Acenaphthene-d10, CAS: 15067-26-2

Signal: 1

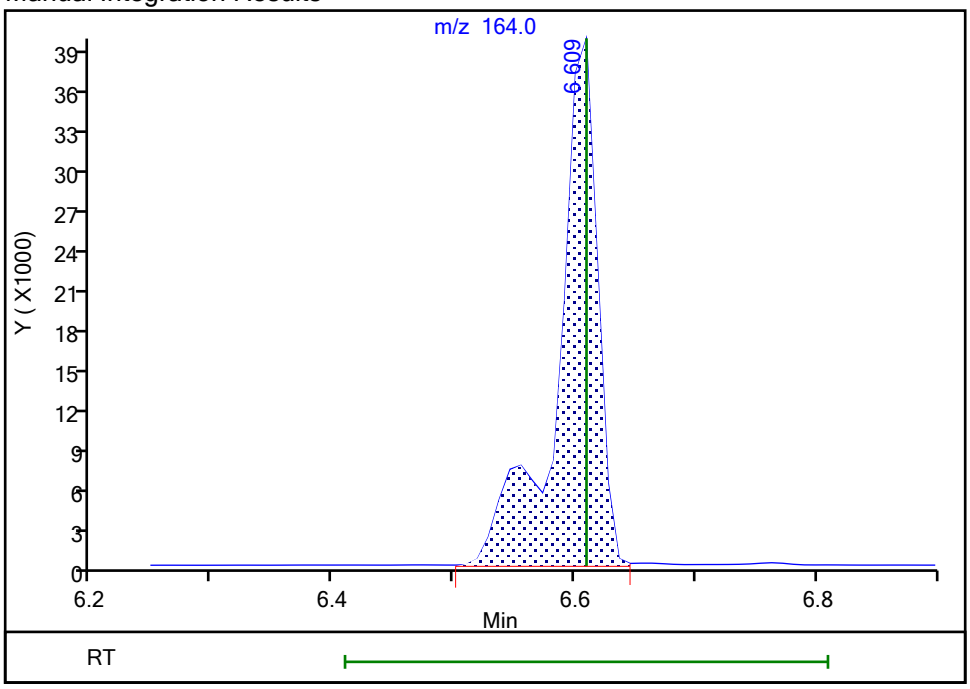
Processing Integration Results

RT: 6.61
Area: 75753
Amount: 0.200000
Amount Units: ug/ml



Manual Integration Results

RT: 6.61
Area: 91405
Amount: 0.200000
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:23:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

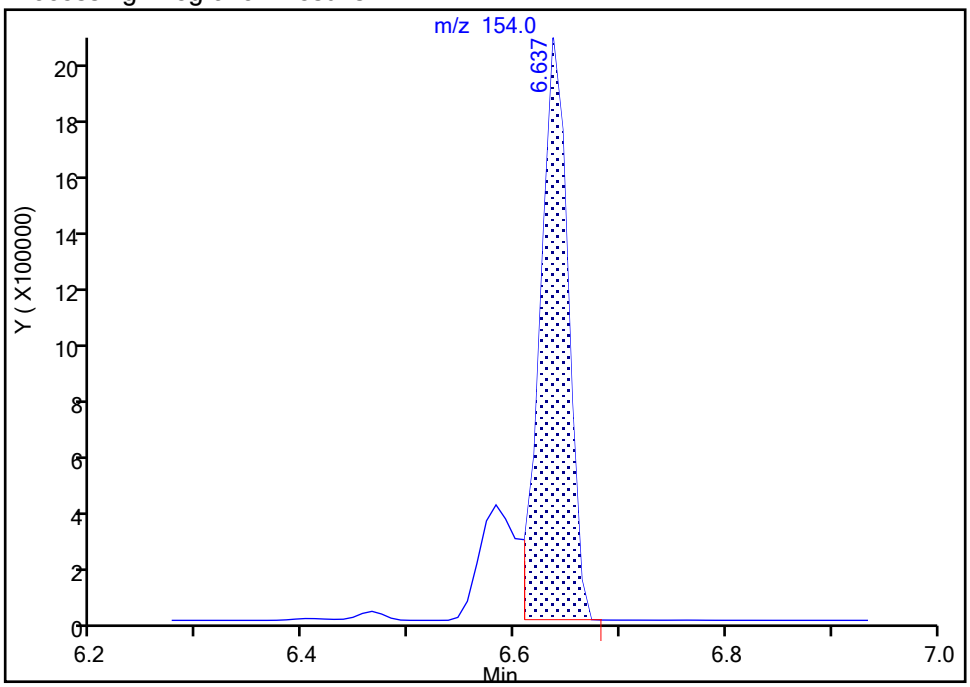
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

12 Acenaphthene, CAS: 83-32-9

Signal: 1

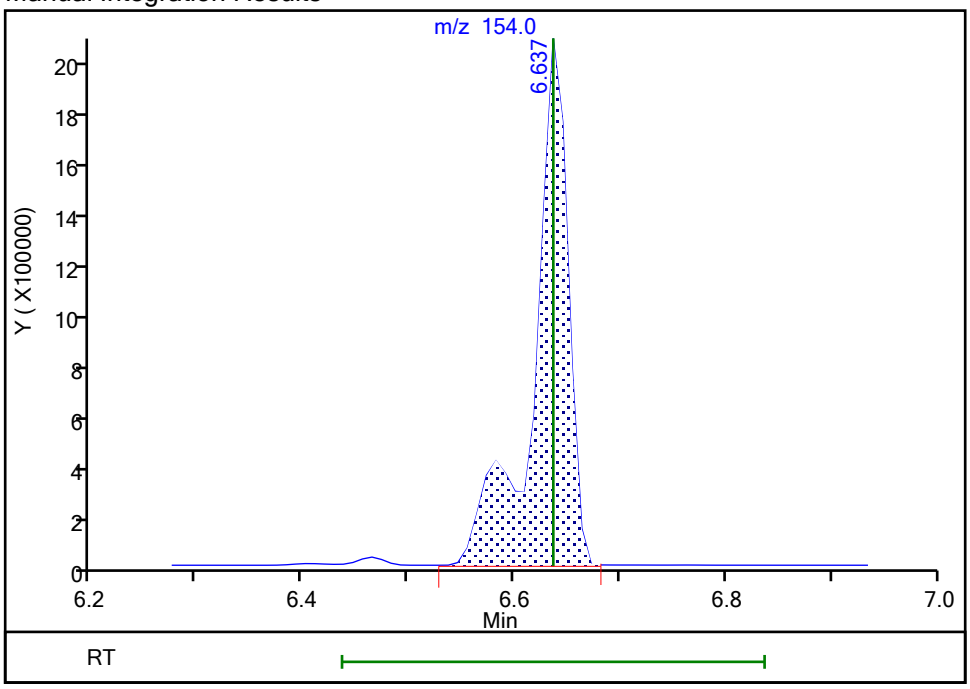
Processing Integration Results

RT: 6.64
Area: 3795584
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 6.64
Area: 4712409
Amount: 8.908248
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:23:52 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

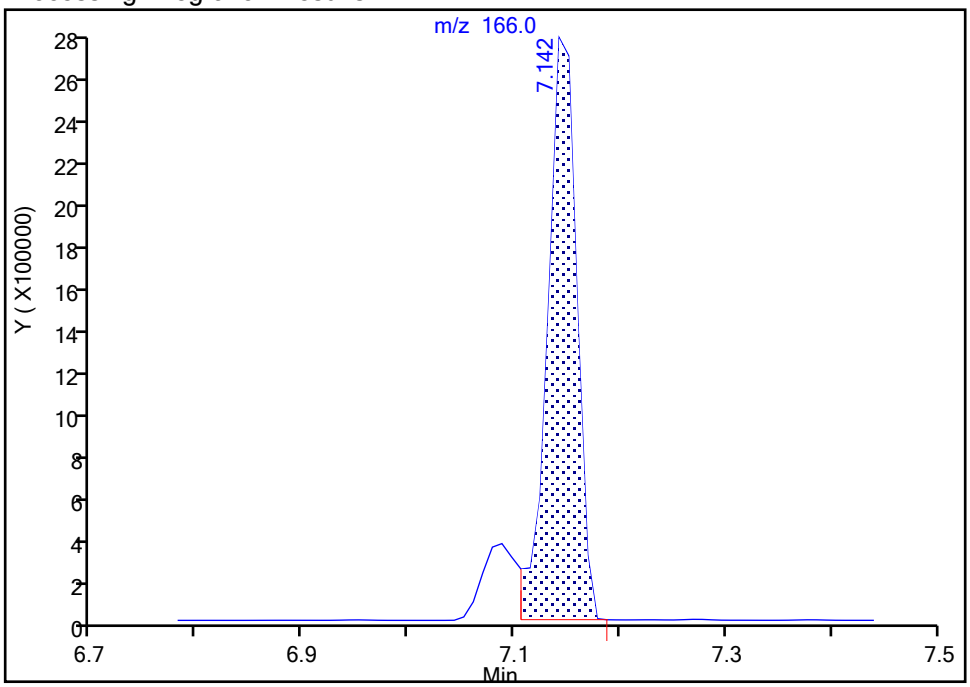
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

13 Fluorene, CAS: 86-73-7

Signal: 1

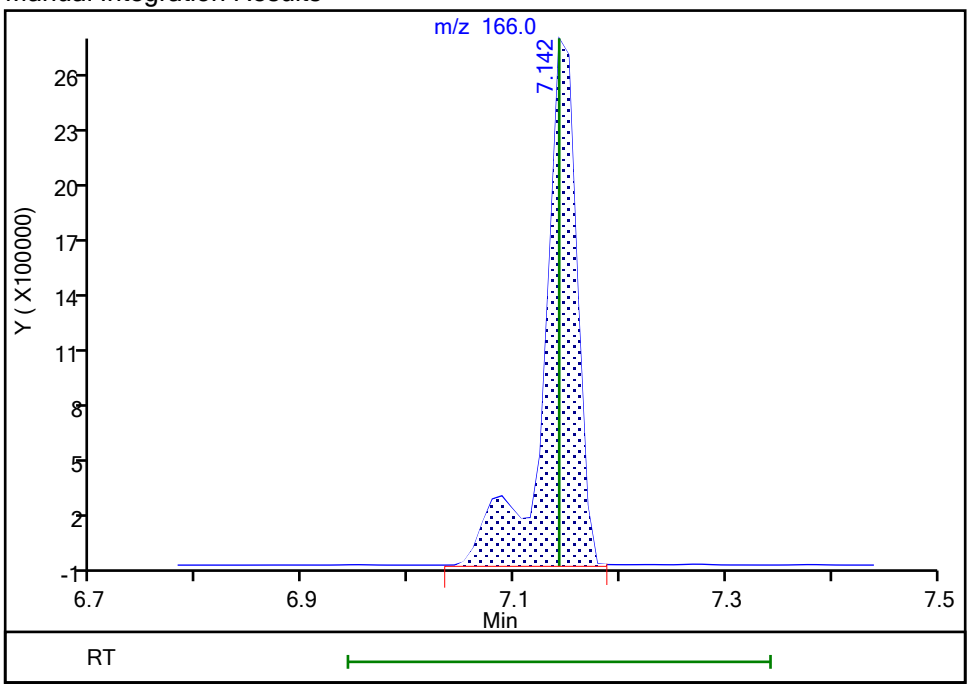
Processing Integration Results

RT: 7.14
Area: 5214035
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 7.14
Area: 5931254
Amount: 9.530555
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:24:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

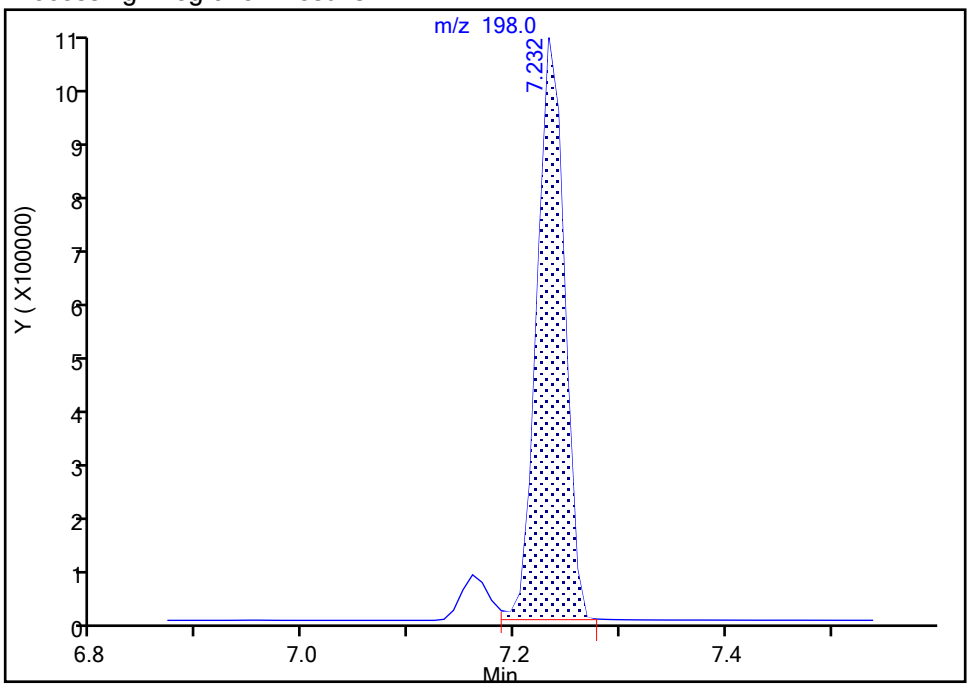
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

14 4,6-Dinitro-2-methylphenol, CAS: 534-52-1

Signal: 1

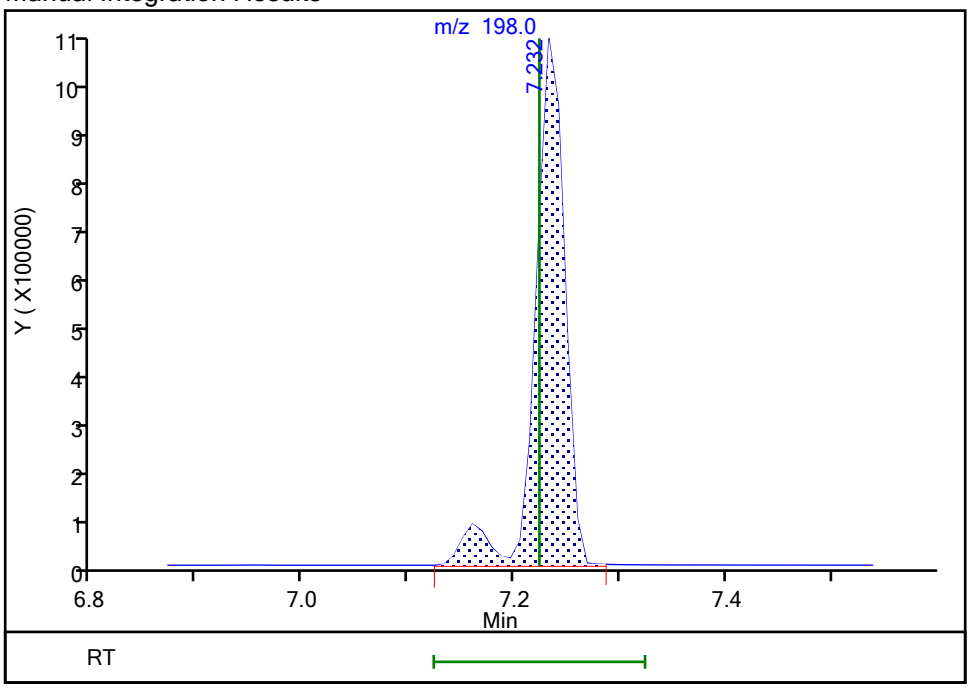
Processing Integration Results

RT: 7.23
Area: 1892943
Amount: 20.000000
Amount Units: ug/ml



Manual Integration Results

RT: 7.23
Area: 2033795
Amount: 11.287196
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:24:07 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

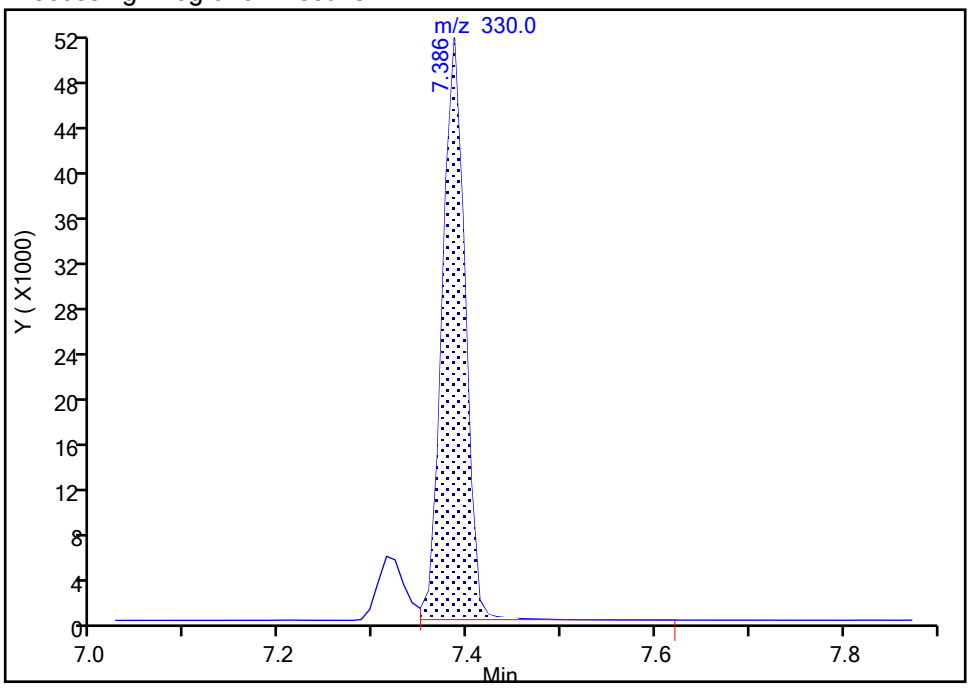
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

$ 20 2,4,6-Tribromophenol, CAS: 118-79-6

Signal: 1

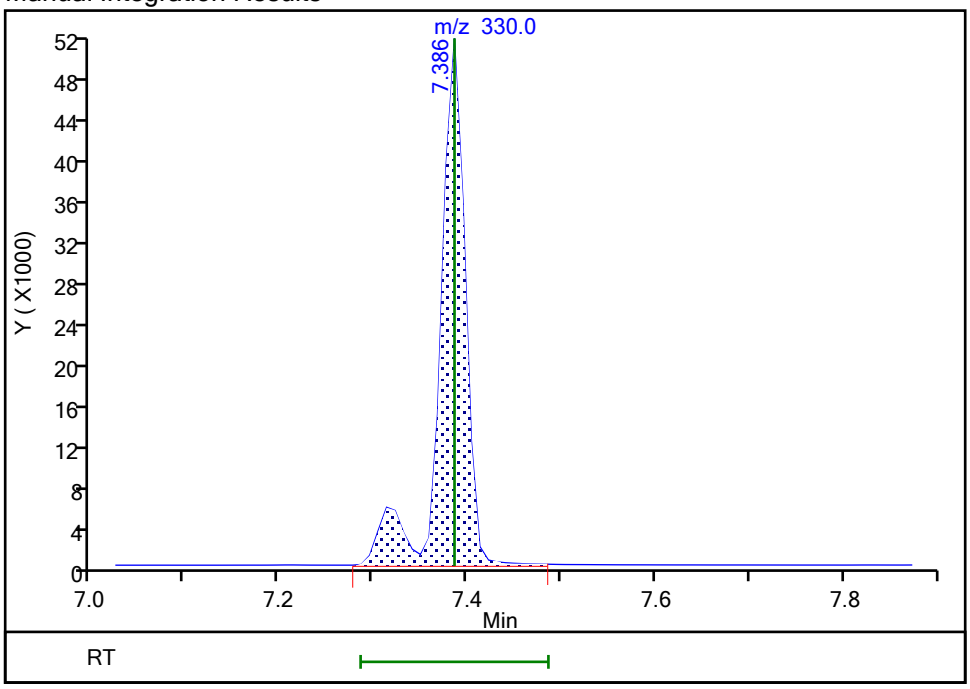
Processing Integration Results

RT: 7.39
Area: 86325
Amount: 1.000000
Amount Units: ug/ml



Manual Integration Results

RT: 7.39
Area: 97205
Amount: 1.090199
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:24:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

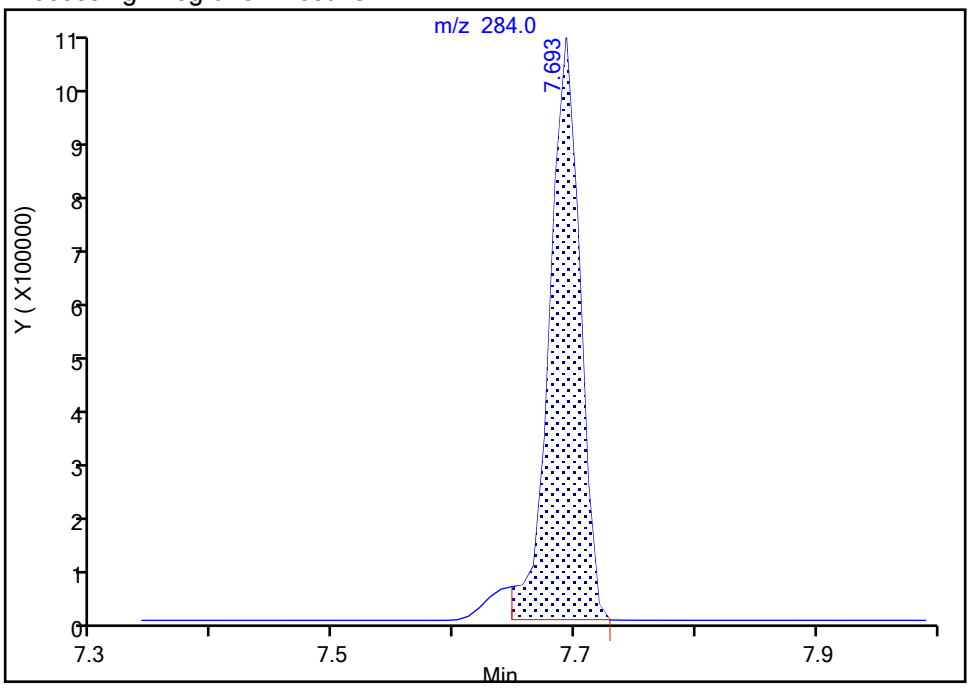
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

15 Hexachlorobenzene, CAS: 118-74-1

Signal: 1

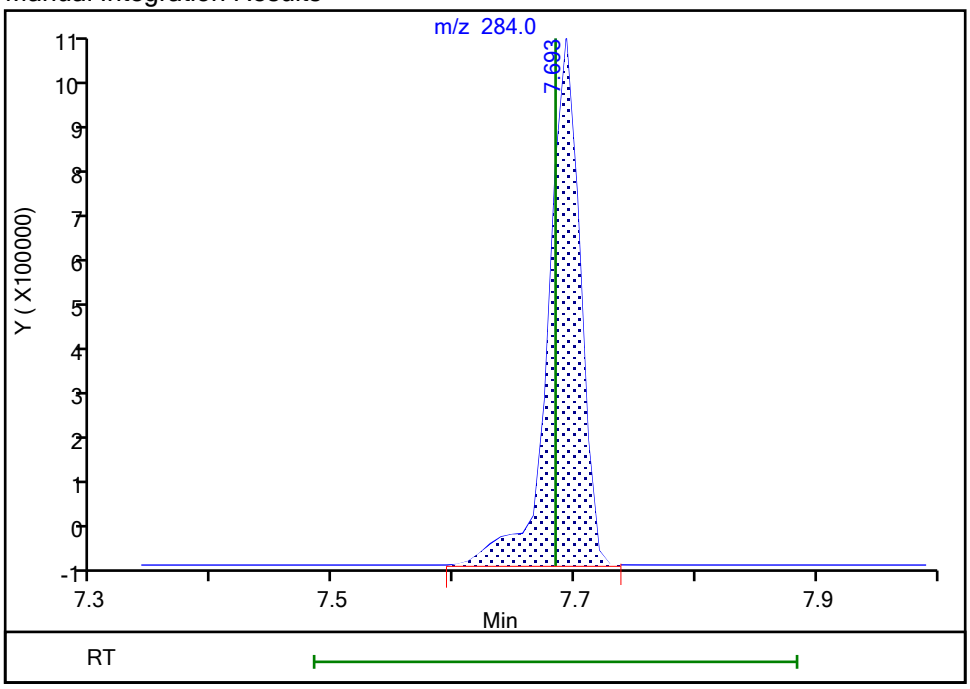
Processing Integration Results

RT: 7.69
Area: 1777794
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 7.69
Area: 1852635
Amount: 10.538220
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:24:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

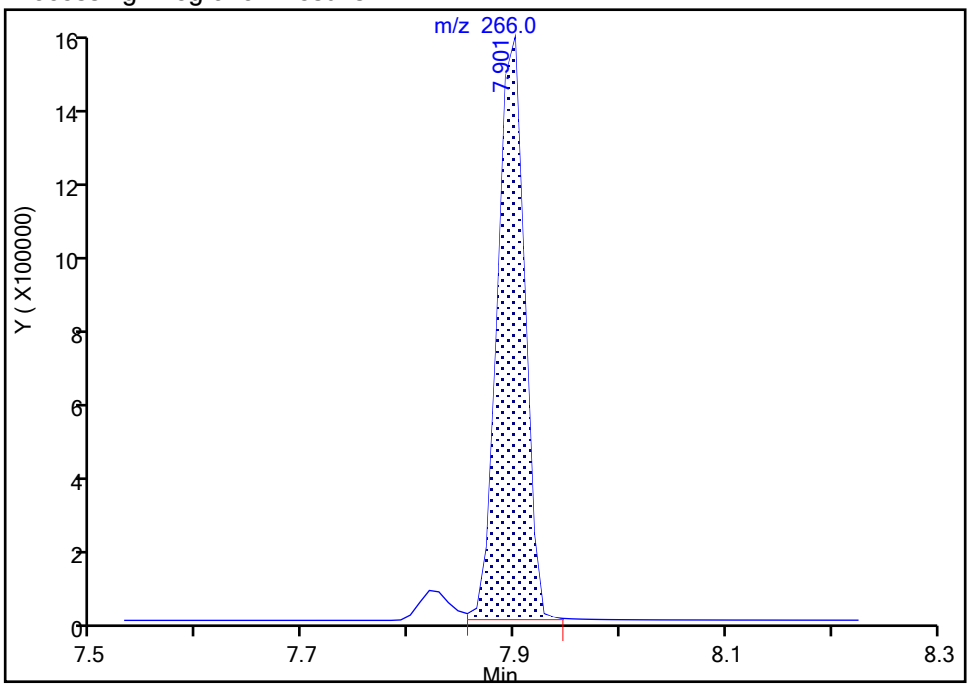
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

16 Pentachlorophenol, CAS: 87-86-5

Signal: 1

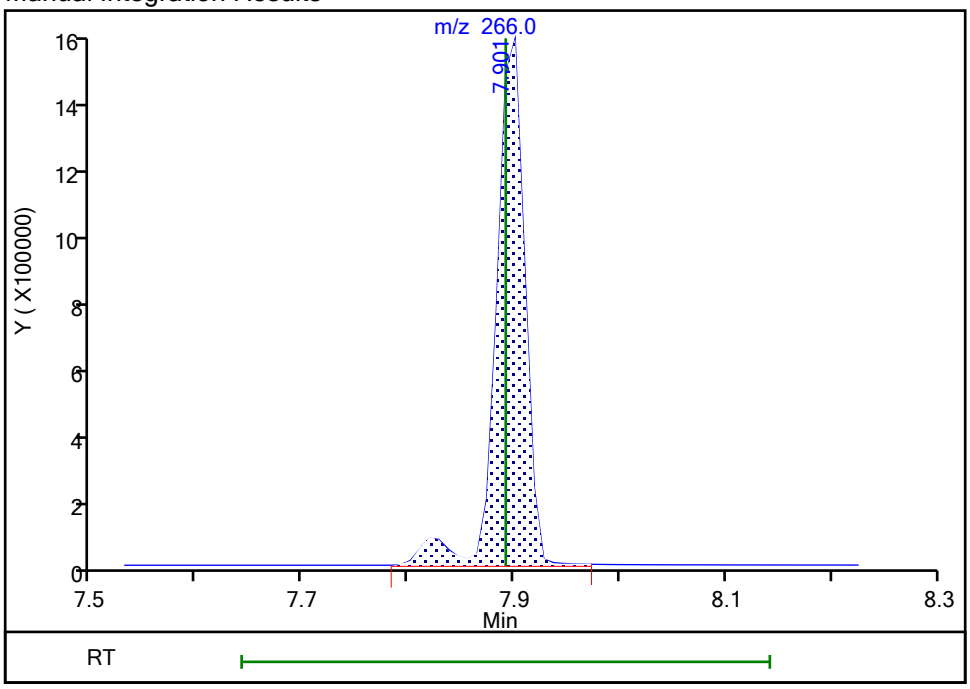
Processing Integration Results

RT: 7.90
Area: 2782105
Amount: 20.000000
Amount Units: ug/ml



Manual Integration Results

RT: 7.90
Area: 2947312
Amount: 18.429019
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:24:29 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

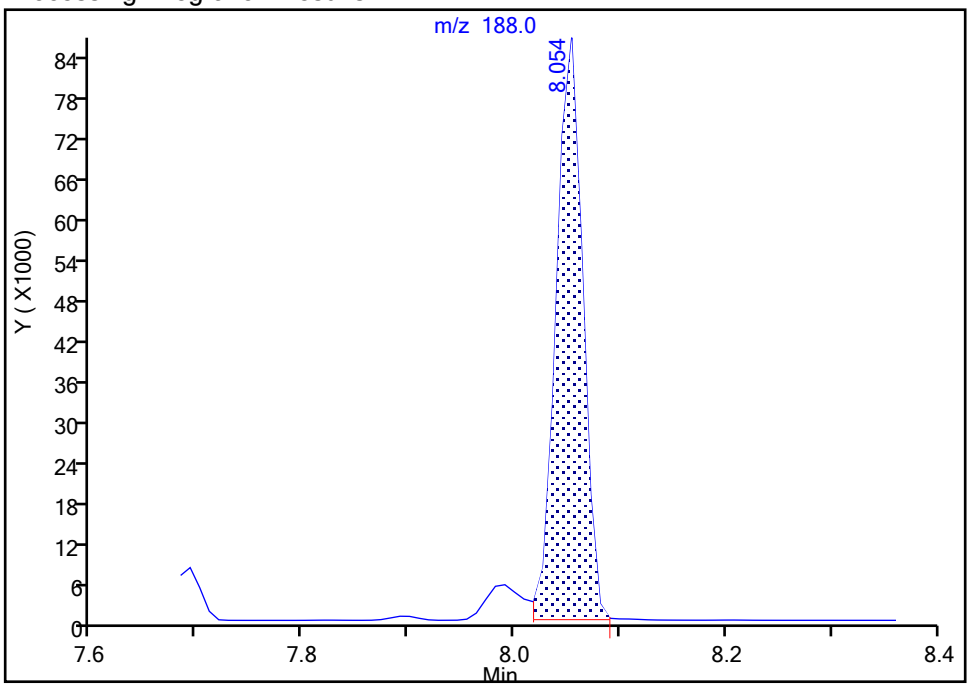
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

* 17 Phenanthrene-d10, CAS: 1517-22-2

Signal: 1

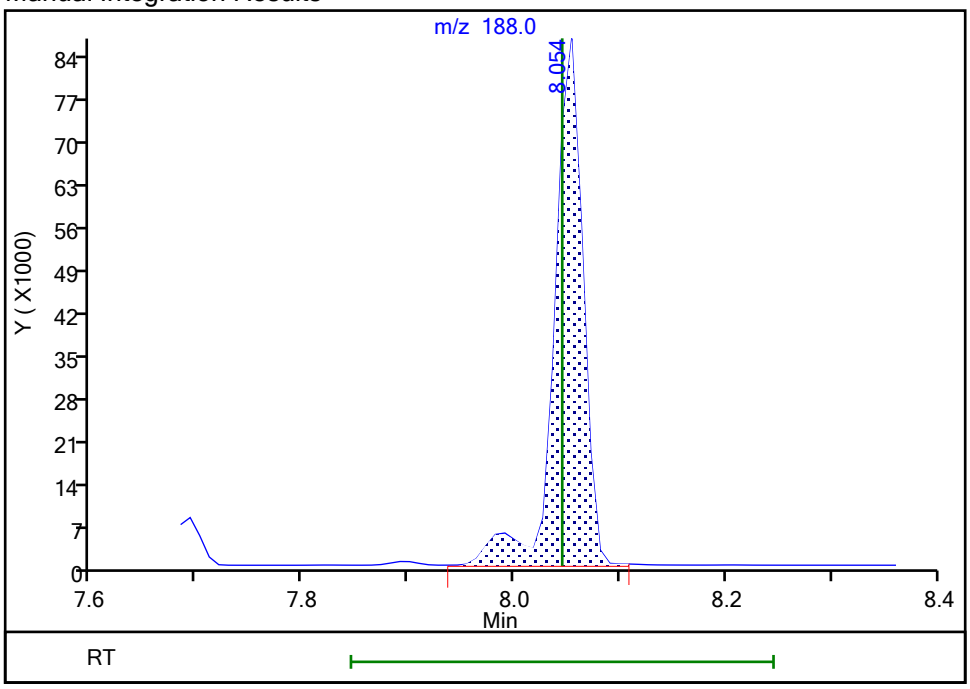
Processing Integration Results

RT: 8.05
Area: 150951
Amount: 0.200000
Amount Units: ug/ml



Manual Integration Results

RT: 8.05
Area: 163014
Amount: 0.200000
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:24:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

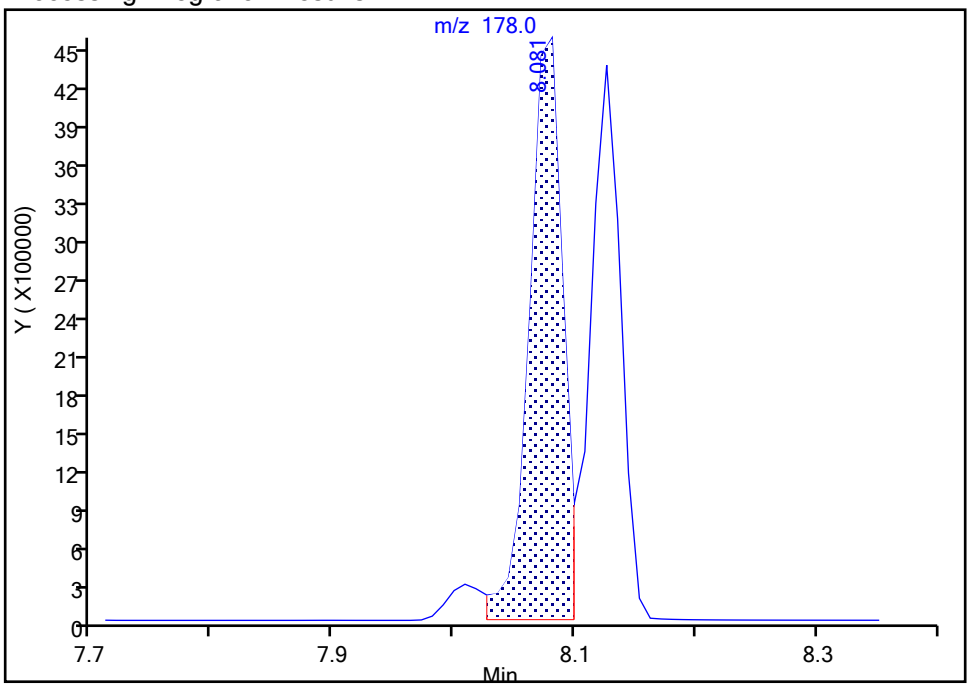
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D				
Injection Date:	06-Jun-2025 11:59:30	Instrument ID:	CBNAMS13		
Lims ID:	STD9				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 Phenanthrene, CAS: 85-01-8

Signal: 1

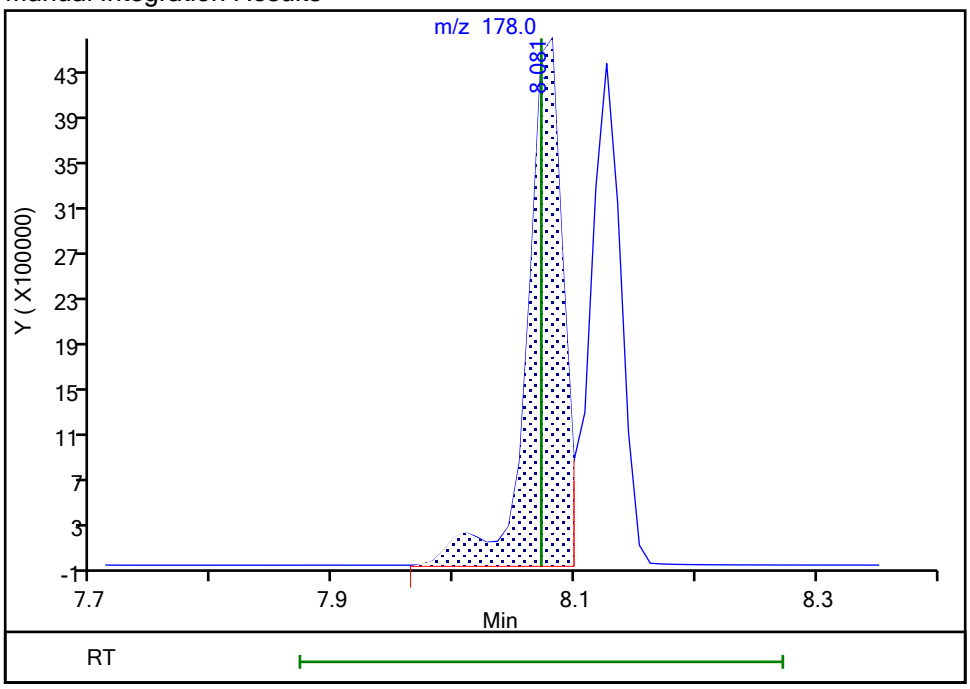
Processing Integration Results

RT: 8.08
Area: 8898868
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 8.08
Area: 9397978
Amount: 9.806925
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:24:45 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

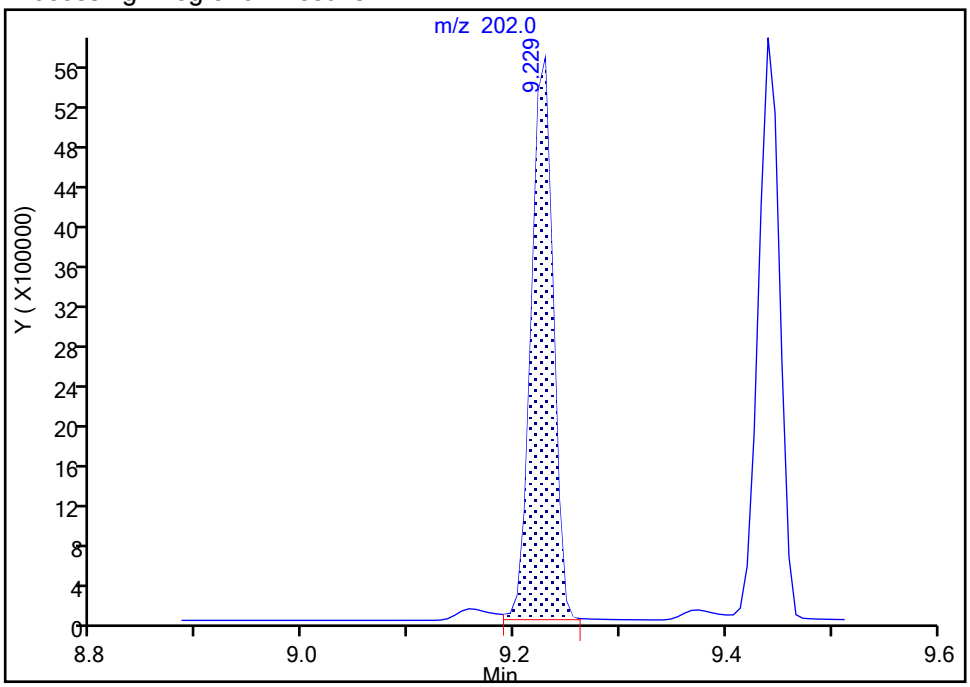
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

21 Fluoranthene, CAS: 206-44-0

Signal: 1

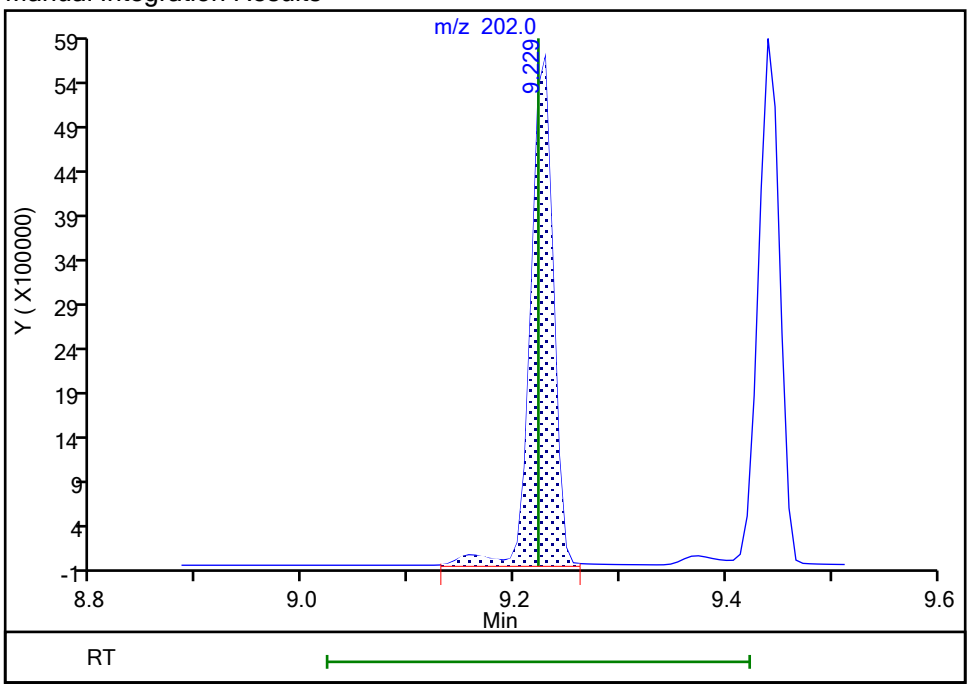
Processing Integration Results

RT: 9.23
Area: 8048917
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 9.23
Area: 8290759
Amount: 9.360155
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:24:56 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

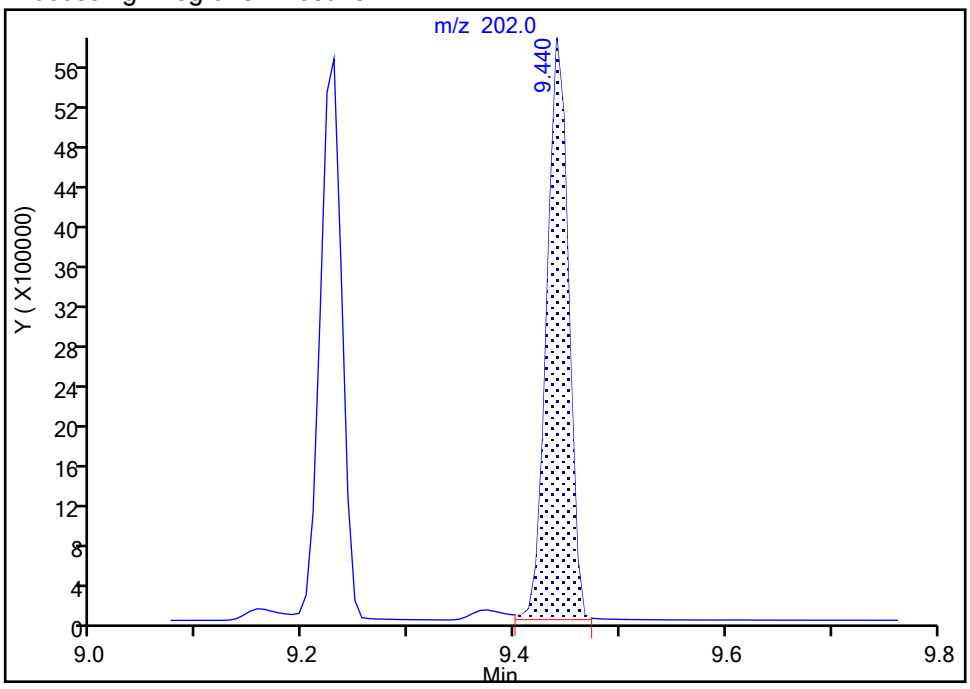
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

22 Pyrene, CAS: 129-00-0

Signal: 1

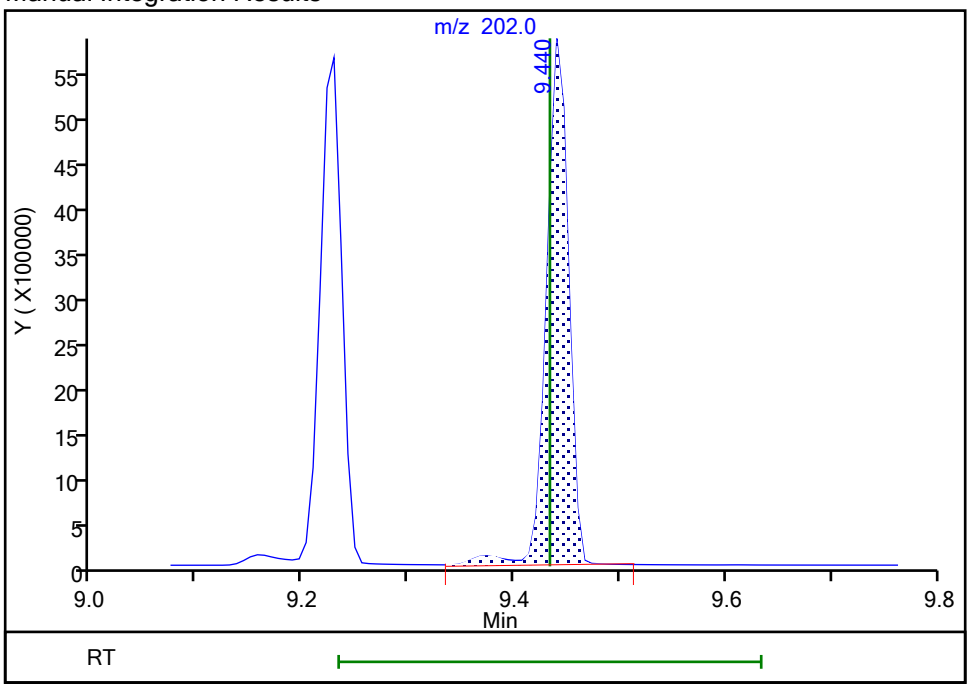
Processing Integration Results

RT: 9.44
Area: 8256627
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 9.44
Area: 8473913
Amount: 8.735467
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:25:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

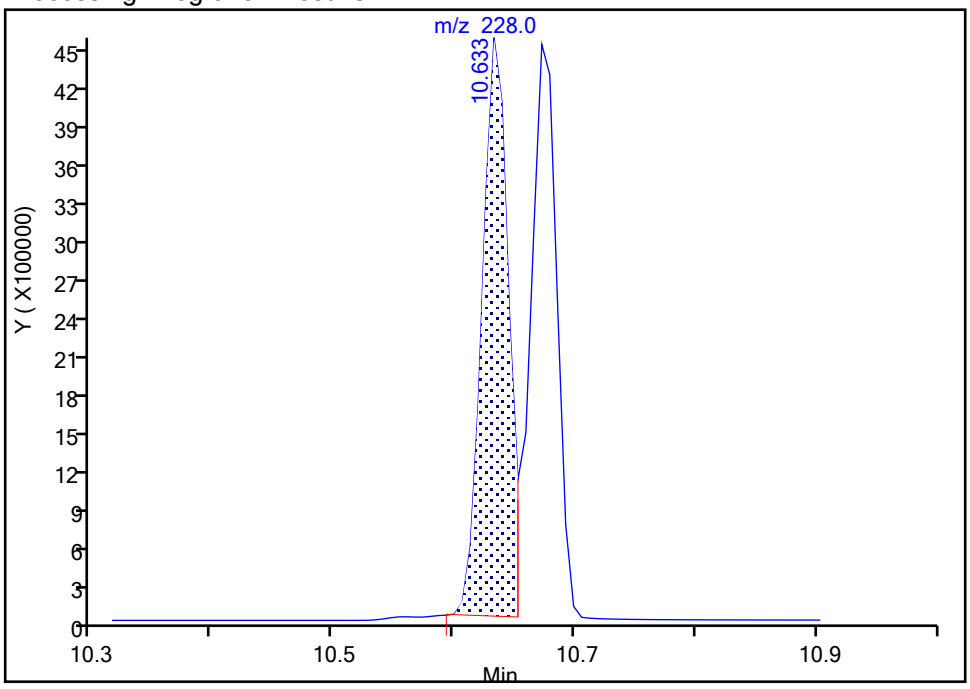
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03293.D
Injection Date: 06-Jun-2025 11:59:30 Instrument ID: CBNAMS13
Lims ID: STD9
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 Benzo[a]anthracene, CAS: 56-55-3

Signal: 1

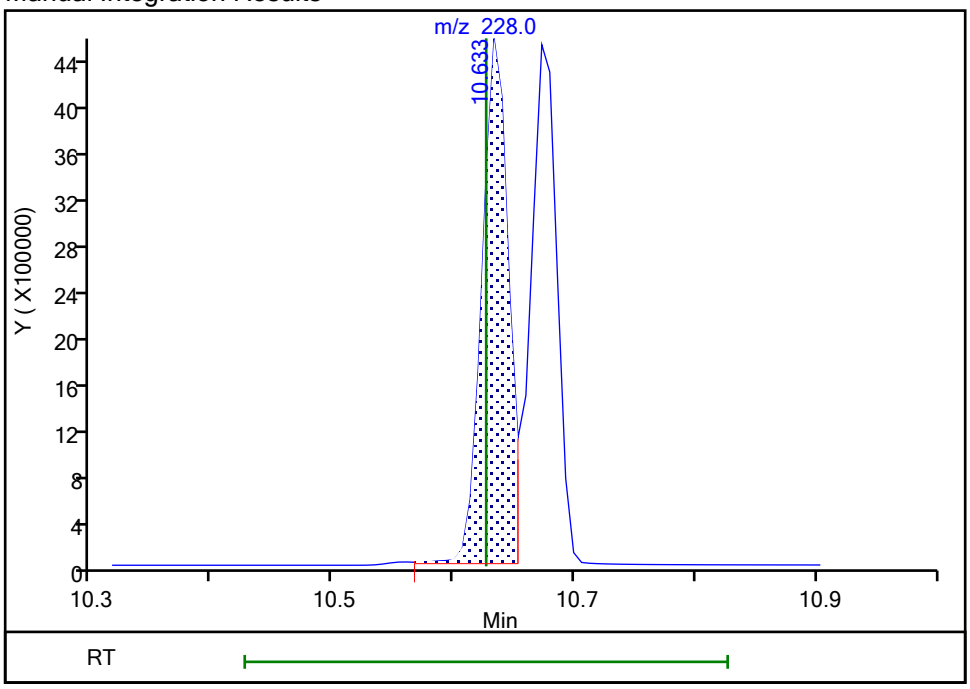
Processing Integration Results

RT: 10.63
Area: 6926860
Amount: 10.000000
Amount Units: ug/ml



Manual Integration Results

RT: 10.63
Area: 6996369
Amount: 9.393132
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:25:25 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03294.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 06-Jun-2025 12:21:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191869-004
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-SIM_BNA13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 06-Jun-2025 15:22:41 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: G4KC Date: 06-Jun-2025 12:52:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.458	1.520	-0.062	100	939932	10.0	10.9	M
2 N-Nitrosodimethylamine	74	1.629	1.655	-0.026	82	776410	5.00	5.77	
3 Bis(2-chloroethyl)ether	93	3.354	3.359	-0.005	92	1204672	5.00	5.41	
* 5 1,4-Dichlorobenzene-d4	152	3.608	3.613	-0.005	100	40597	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.159	4.164	-0.005	99	298405	1.00	1.20	
* 7 Naphthalene-d8	136	4.875	4.875	0.000	38	158691	0.2000	0.2000	
8 Naphthalene	128	4.896	4.896	0.000	100	4478089	5.00	5.25	
$ 9 2-Fluorobiphenyl	172	5.959	5.959	0.000	96	780028	1.00	1.18	
10 Acenaphthylene	152	6.465	6.465	0.000	100	4749532	5.00	5.69	
* 11 Acenaphthene-d10	164	6.609	6.610	-0.001	56	91970	0.2000	0.2000	
12 Acenaphthene	154	6.637	6.637	0.000	94	2715377	5.00	5.10	
13 Fluorene	166	7.142	7.142	0.000	93	3327503	5.00	5.31	
14 4,6-Dinitro-2-methylphenol	198	7.232	7.223	0.009	88	976379	10.0	7.53	
$ 20 2,4,6-Tribromophenol	330	7.386	7.386	0.000	92	113604	1.00	1.27	
15 Hexachlorobenzene	284	7.693	7.684	0.009	99	1000810	5.00	5.58	
16 Pentachlorophenol	266	7.892	7.892	0.000	91	1288928	10.0	9.89	
* 17 Phenanthrene-d10	188	8.054	8.045	0.009	18	166376	0.2000	0.2000	
18 Phenanthrene	178	8.072	8.072	0.000	98	5024028	5.00	5.14	
19 Anthracene	178	8.126	8.117	0.009	100	5121672	5.00	5.73	
21 Fluoranthene	202	9.222	9.223	0.000	96	4924857	5.00	5.45	
22 Pyrene	202	9.440	9.433	0.007	98	4916704	5.00	5.06	
$ 23 Terphenyl-d14	244	9.611	9.618	-0.007	96	697492	1.00	1.09	
24 Benzo[a]anthracene	228	10.633	10.626	0.007	97	4101844	5.00	5.50	
* 25 Chrysene-d12	240	10.640	10.640	0.000	3	107564	0.2000	0.2000	
26 Chrysene	228	10.673	10.666	0.007	99	3866561	5.00	4.71	
27 Benzo[b]fluoranthene	252	11.859	11.859	0.000	100	3584023	5.00	5.82	
28 Benzo[k]fluoranthene	252	11.892	11.885	0.007	100	3332036	5.00	5.42	
29 Benzo[a]pyrene	252	12.248	12.248	0.000	100	2799748	5.00	6.16	
* 30 Perylene-d12	264	12.320	12.320	0.000	100	83958	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.645	13.645	0.000	90	2850008	5.00	6.02	
32 Dibenz(a,h)anthracene	278	13.678	13.678	0.000	95	2417897	5.00	6.04	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	13.968	13.962	0.006	79	2454951	5.00	5.70	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

SM_simSlviL8_00003 Amount Added: 1.00 Units: mL

Report Date: 06-Jun-2025 15:22:42 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03294.D

Injection Date: 06-Jun-2025 12:21:30 Instrument ID: CBNAMS13 Operator ID:

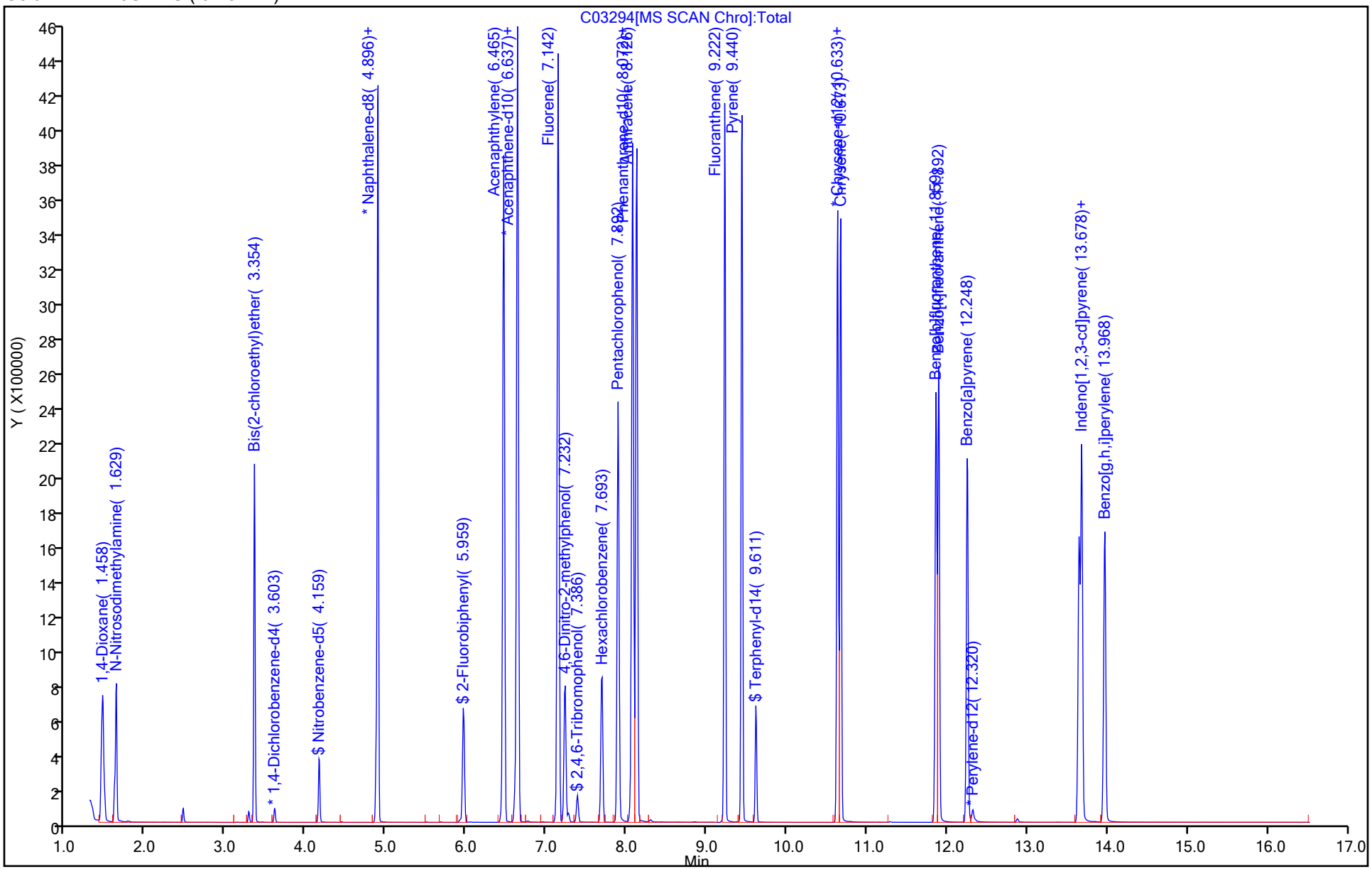
Lims ID: STD8 Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

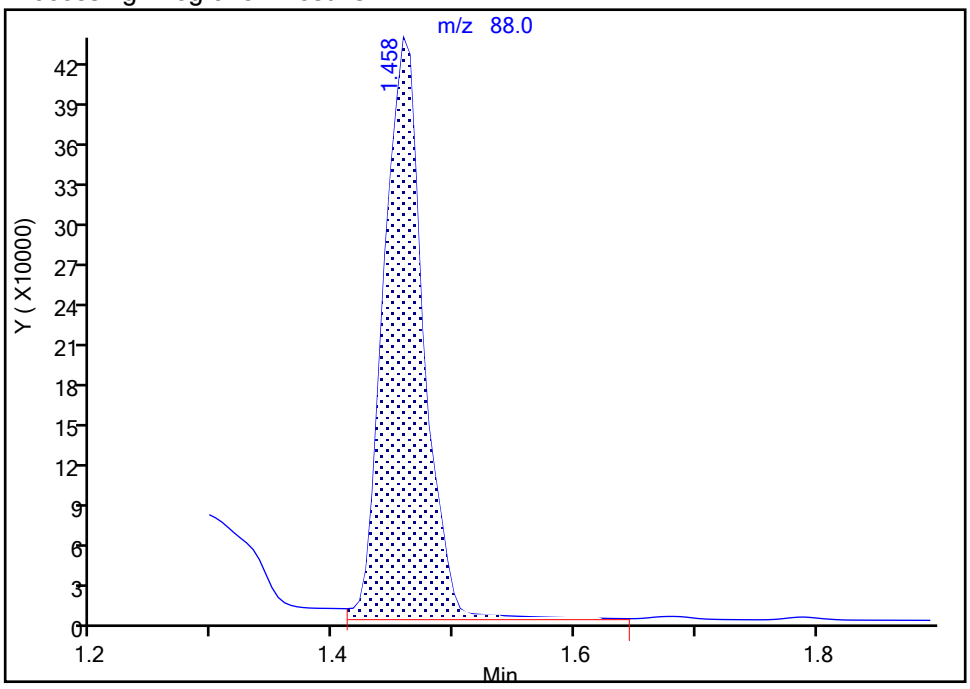
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03294.D
Injection Date: 06-Jun-2025 12:21:30 Instrument ID: CBNAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

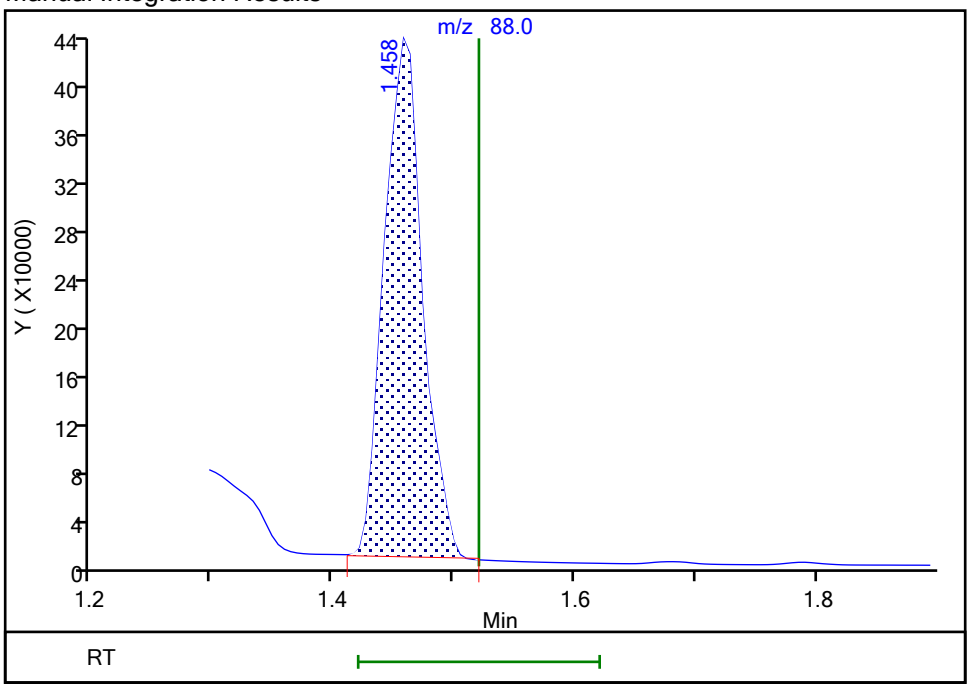
Processing Integration Results

RT: 1.46
Area: 985487
Amount: 10.487559
Amount Units: ug/ml



Manual Integration Results

RT: 1.46
Area: 939932
Amount: 10.889915
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 12:52:25 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03295.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 06-Jun-2025 12:42:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191869-005
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-SIM_BNA13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 06-Jun-2025 15:22:43 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: G4KC Date: 06-Jun-2025 13:17:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.437	1.520	-0.083	97	379103	4.00	4.40	
2 N-Nitrosodimethylamine	74	1.583	1.655	-0.072	81	317930	2.00	2.37	
3 Bis(2-chloroethyl)ether	93	3.349	3.359	-0.010	92	491355	2.00	2.21	
* 5 1,4-Dichlorobenzene-d4	152	3.603	3.613	-0.010	99	40489	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.159	4.164	-0.005	100	271019	1.00	1.10	
* 7 Naphthalene-d8	136	4.870	4.875	-0.005	99	157913	0.2000	0.2000	
8 Naphthalene	128	4.891	4.896	-0.005	100	1700343	2.00	2.00	
$ 9 2-Fluorobiphenyl	172	5.960	5.959	0.001	96	711990	1.00	1.10	
10 Acenaphthylene	152	6.465	6.465	0.000	100	1746830	2.00	2.13	
* 11 Acenaphthene-d10	164	6.601	6.610	-0.009	97	90361	0.2000	0.2000	
12 Acenaphthene	154	6.637	6.637	0.000	95	1033907	2.00	1.98	
13 Fluorene	166	7.142	7.142	0.000	94	1294829	2.00	2.10	
14 4,6-Dinitro-2-methylphenol	198	7.224	7.223	0.001	92	318644	4.00	3.97	
$ 20 2,4,6-Tribromophenol	330	7.386	7.386	0.000	92	101100	1.00	1.15	
15 Hexachlorobenzene	284	7.684	7.684	0.000	98	383117	2.00	2.08	
16 Pentachlorophenol	266	7.892	7.892	0.000	92	489965	4.00	4.39	
* 17 Phenanthrene-d10	188	8.045	8.045	0.000	99	170402	0.2000	0.2000	
18 Phenanthrene	178	8.072	8.072	0.000	96	1935534	2.00	1.93	
19 Anthracene	178	8.117	8.117	0.000	99	2011477	2.00	2.20	
21 Fluoranthene	202	9.223	9.223	0.001	95	1925789	2.00	2.08	
22 Pyrene	202	9.433	9.433	0.000	98	1960177	2.00	1.99	
$ 23 Terphenyl-d14	244	9.611	9.618	-0.007	96	675408	1.00	1.04	
24 Benzo[a]anthracene	228	10.627	10.626	0.001	97	1512248	2.00	2.00	
* 25 Chrysene-d12	240	10.640	10.640	0.000	13	109133	0.2000	0.2000	
26 Chrysene	228	10.666	10.666	0.000	99	1566064	2.00	1.88	
27 Benzo[b]fluoranthene	252	11.859	11.859	0.000	100	1323608	2.00	2.10	
28 Benzo[k]fluoranthene	252	11.885	11.885	0.000	100	1292593	2.00	2.06	
29 Benzo[a]pyrene	252	12.248	12.248	0.000	100	1035292	2.00	2.23	
* 30 Perylene-d12	264	12.320	12.320	0.000	100	85751	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.639	13.645	-0.006	89	1037211	2.00	2.14	
32 Dibenz(a,h)anthracene	278	13.672	13.678	-0.006	95	882096	2.00	2.16	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	13.962	13.962	0.000	78	914482	2.00	2.08	

QC Flag Legend

Processing Flags

Reagents:

SM_simSlviL7_00005 Amount Added: 1.00 Units: mL

Report Date: 06-Jun-2025 15:22:43 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03295.D

Injection Date: 06-Jun-2025 12:42:30 Instrument ID: CBNAMS13 Operator ID:

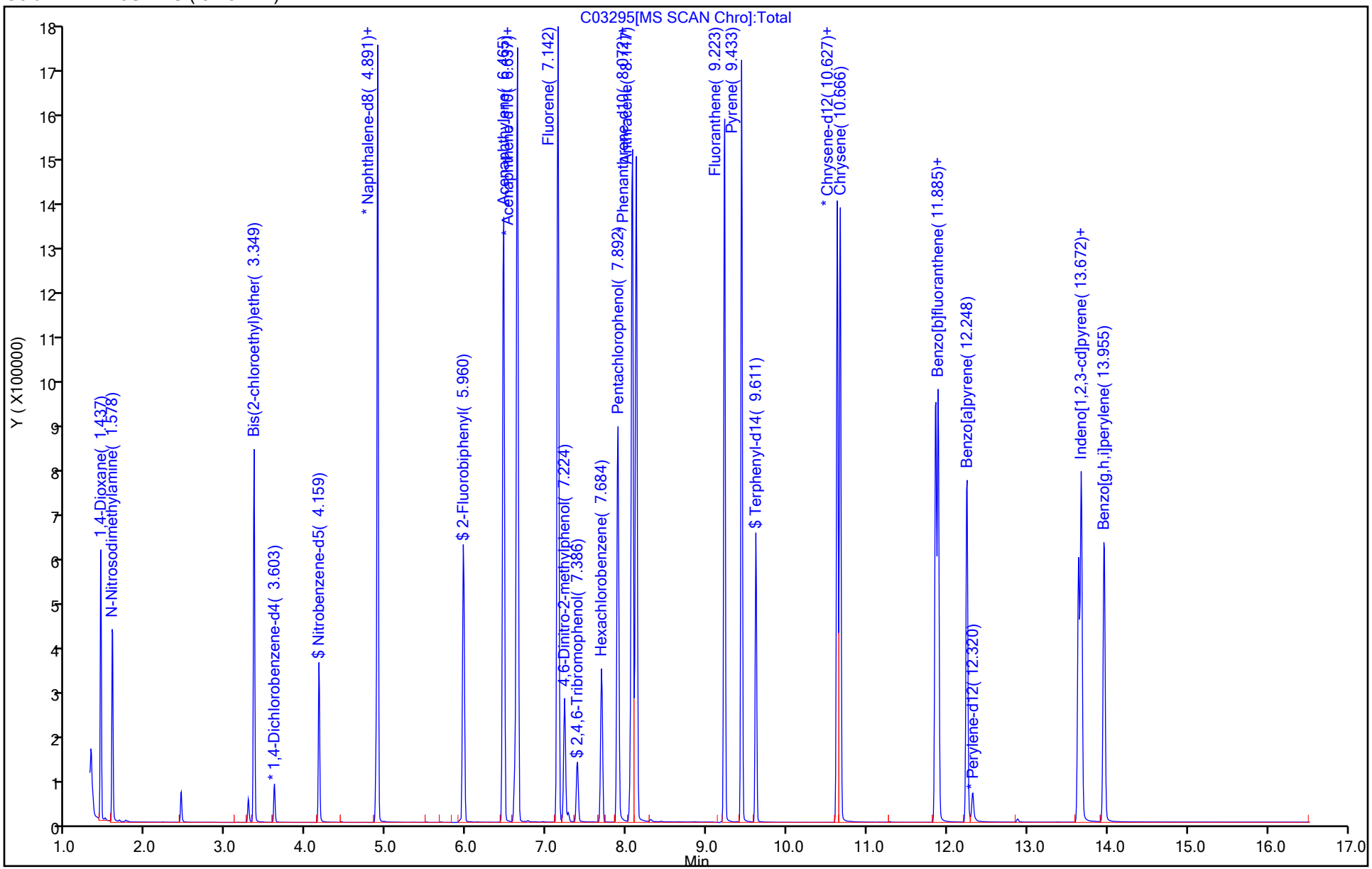
Lims ID: STD7 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03296.D
Lims ID: STD6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 06-Jun-2025 13:03:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191869-006
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-SIM_BNA13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 06-Jun-2025 15:22:45 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: G4KC Date: 06-Jun-2025 14:22:44

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.458	1.520	-0.062	98	206657	2.00	1.99	M
	2 N-Nitrosodimethylamine	74	1.598	1.655	-0.057	84	168076	1.00	1.04	
	3 Bis(2-chloroethyl)ether	93	3.354	3.359	-0.005	93	262958	1.00	0.9807	
*	5 1,4-Dichlorobenzene-d4	152	3.608	3.613	-0.005	99	48888	0.2000	0.2000	
$	6 Nitrobenzene-d5	82	4.164	4.164	0.000	100	282463	1.00	0.9505	
*	7 Naphthalene-d8	136	4.875	4.875	0.000	99	189701	0.2000	0.2000	
	8 Naphthalene	128	4.891	4.896	-0.005	100	408439	0.4000	0.4008	
$	9 2-Fluorobiphenyl	172	5.959	5.959	0.000	96	749013	1.00	0.9732	
	10 Acenaphthylene	152	6.465	6.465	0.000	100	395256	0.4000	0.4068	
*	11 Acenaphthene-d10	164	6.600	6.610	-0.010	97	107135	0.2000	0.2000	
	12 Acenaphthene	154	6.637	6.637	0.000	94	241999	0.4000	0.3903	
	13 Fluorene	166	7.142	7.142	0.000	94	297085	0.4000	0.4073	
	14 4,6-Dinitro-2-methylphenol	198	7.223	7.223	0.000	90	133783	2.00	2.11	
$	20 2,4,6-Tribromophenol	330	7.386	7.386	0.000	92	104206	1.00	1.00	
	15 Hexachlorobenzene	284	7.684	7.684	0.000	98	212093	1.00	0.9545	
	16 Pentachlorophenol	266	7.892	7.892	0.000	92	111645	1.00	0.9477	
*	17 Phenanthrene-d10	188	8.045	8.045	0.000	100	206045	0.2000	0.2000	
	18 Phenanthrene	178	8.072	8.072	0.000	96	471290	0.4000	0.3891	
	19 Anthracene	178	8.117	8.117	0.000	99	471033	0.4000	0.4259	
	21 Fluoranthene	202	9.222	9.223	0.000	95	465891	0.4000	0.4161	
	22 Pyrene	202	9.433	9.433	0.000	98	479646	0.4000	0.3991	
$	23 Terphenyl-d14	244	9.611	9.618	-0.007	96	735359	1.00	0.9262	
	24 Benzo[a]anthracene	228	10.626	10.626	0.000	98	362391	0.4000	0.3927	
*	25 Chrysene-d12	240	10.640	10.640	0.000	66	133019	0.2000	0.2000	
	26 Chrysene	228	10.666	10.666	0.000	99	391299	0.4000	0.3855	
	27 Benzo[b]fluoranthene	252	11.852	11.859	-0.007	100	324977	0.4000	0.4207	
	28 Benzo[k]fluoranthene	252	11.885	11.885	0.000	100	296012	0.4000	0.3841	
	29 Benzo[a]pyrene	252	12.248	12.248	0.000	100	233403	0.4000	0.4093	
*	30 Perylene-d12	264	12.320	12.320	0.000	100	105291	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	13.639	13.645	-0.006	89	232029	0.4000	0.3908	
	32 Dibenz(a,h)anthracene	278	13.672	13.678	-0.006	94	198353	0.4000	0.3954	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	13.955	13.962	-0.007	79	210246	0.4000	0.3896	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

SM_simSlviL6_00022 Amount Added: 1.00 Units: mL

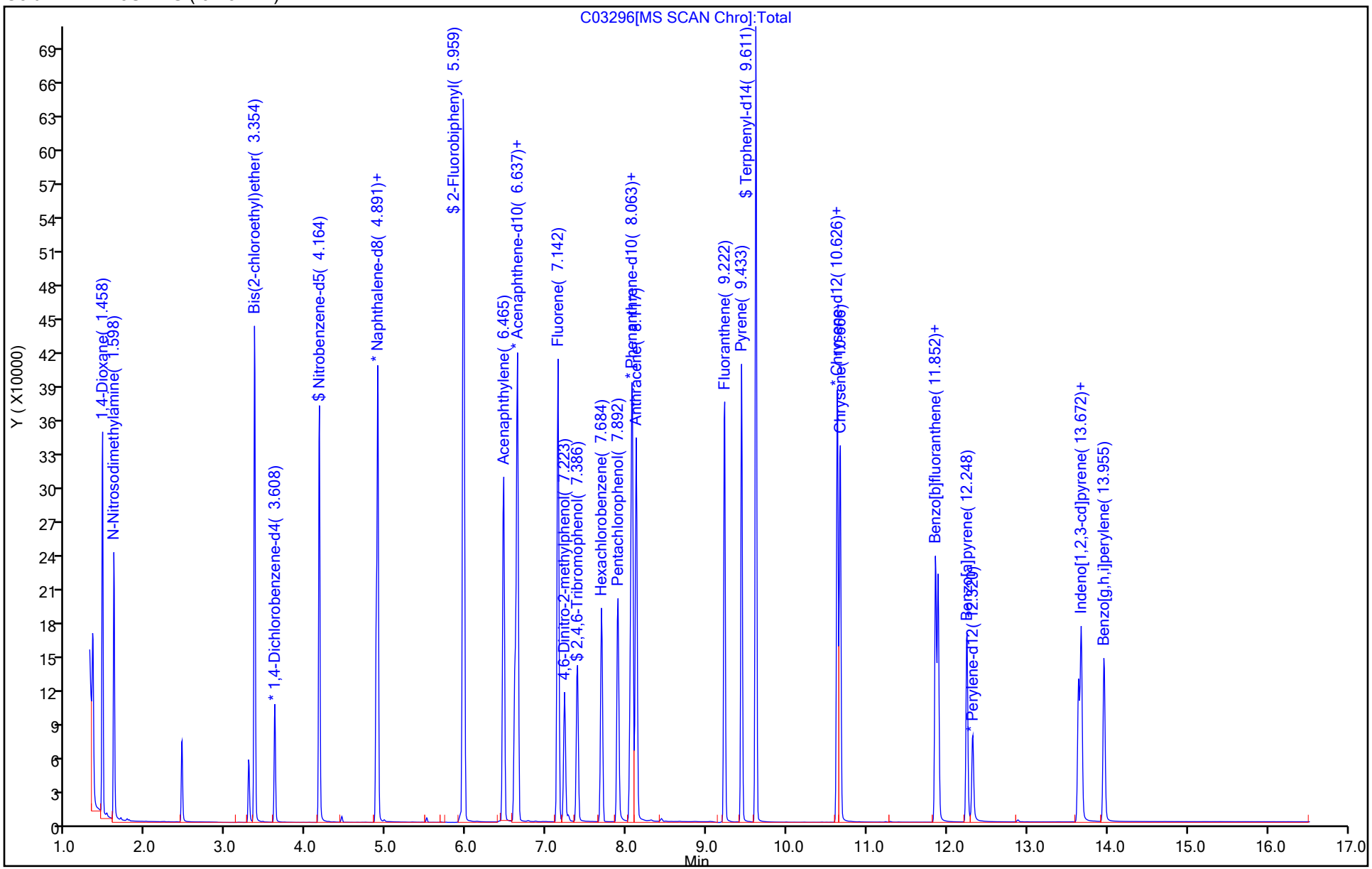
Report Date: 06-Jun-2025 15:22:47 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03296.D

Injection Date:	06-Jun-2025 13:03:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD6			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

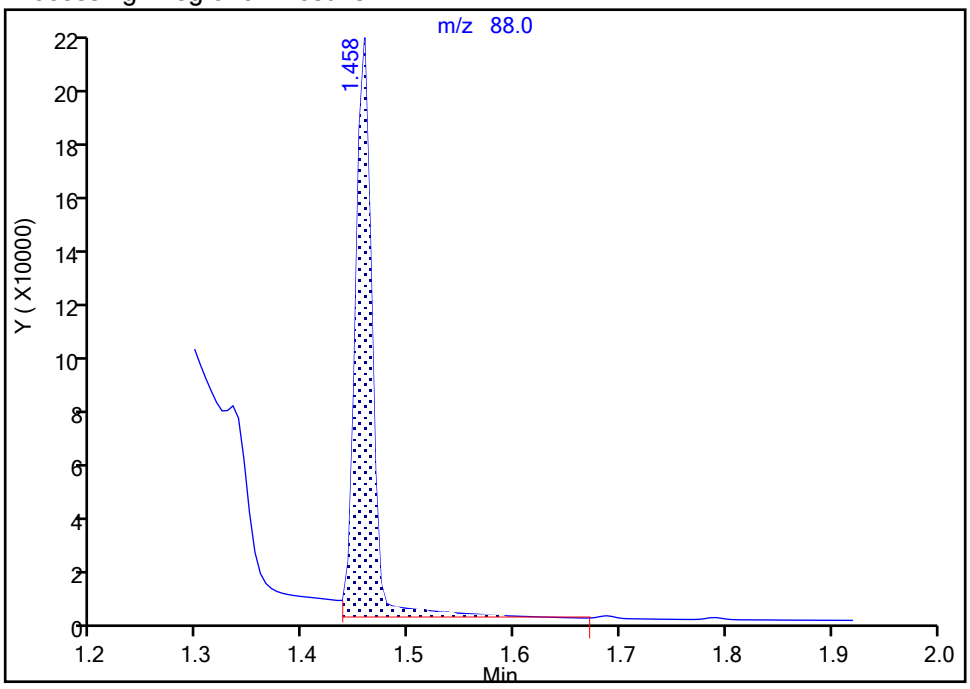
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03296.D
Injection Date: 06-Jun-2025 13:03:30 Instrument ID: CBNAMS13
Lims ID: STD6
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

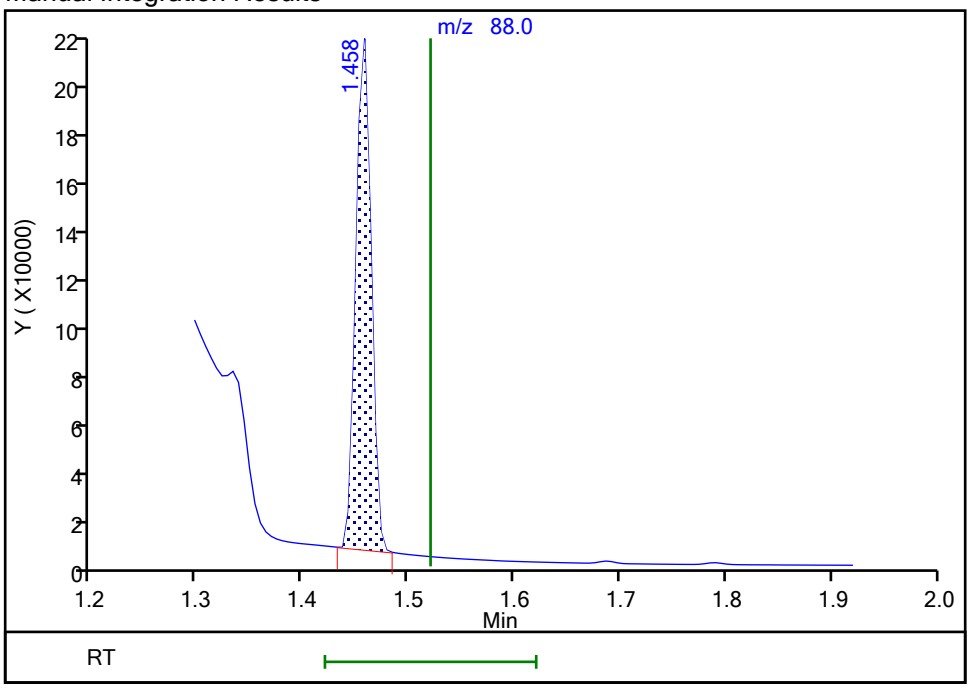
Processing Integration Results

RT: 1.46
Area: 238414
Amount: 1.985255
Amount Units: ug/ml



Manual Integration Results

RT: 1.46
Area: 206657
Amount: 1.988245
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 14:22:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03297.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 06-Jun-2025 13:24:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191869-007
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-SIM_BNA13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 06-Jun-2025 15:22:55 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: G4KC Date: 06-Jun-2025 14:23:06

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.463	1.520	-0.057	99	45165	0.4000	0.3887	M
	2 N-Nitrosodimethylamine	74	1.609	1.655	-0.046	84	34472	0.2000	0.1904	
	3 Bis(2-chloroethyl)ether	93	3.349	3.359	-0.010	93	55758	0.2000	0.1860	
*	5 1,4-Dichlorobenzene-d4	152	3.603	3.613	-0.010	99	54658	0.2000	0.2000	
$	6 Nitrobenzene-d5	82	4.159	4.164	-0.005	100	311336	1.00	0.9509	
*	7 Naphthalene-d8	136	4.870	4.875	-0.005	99	209013	0.2000	0.2000	
	8 Naphthalene	128	4.891	4.896	-0.005	100	102229	0.1000	0.0910	
$	9 2-Fluorobiphenyl	172	5.960	5.959	0.001	96	822644	1.00	0.9793	
	10 Acenaphthylene	152	6.465	6.465	0.000	100	92543	0.1000	0.0873	
*	11 Acenaphthene-d10	164	6.601	6.610	-0.009	97	116936	0.2000	0.2000	
	12 Acenaphthene	154	6.637	6.637	0.000	94	58935	0.1000	0.0871	
	13 Fluorene	166	7.142	7.142	0.000	93	71421	0.1000	0.0897	
	14 4,6-Dinitro-2-methylphenol	198	7.224	7.223	0.001	92	11503	0.4000	0.3458	
$	20 2,4,6-Tribromophenol	330	7.386	7.386	0.000	93	100247	1.00	0.8788	
	15 Hexachlorobenzene	284	7.684	7.684	0.000	98	42406	0.2000	0.1801	
	16 Pentachlorophenol	266	7.892	7.892	0.000	92	11287	0.2000	0.1008	
*	17 Phenanthrene-d10	188	8.045	8.045	0.000	100	218366	0.2000	0.2000	
	18 Phenanthrene	178	8.072	8.072	0.000	97	112380	0.1000	0.0875	
	19 Anthracene	178	8.117	8.117	0.000	99	108854	0.1000	0.0929	
	21 Fluoranthene	202	9.223	9.223	0.001	95	106552	0.1000	0.0898	
	22 Pyrene	202	9.433	9.433	0.000	98	108590	0.1000	0.0931	
$	23 Terphenyl-d14	244	9.611	9.618	-0.007	96	773779	1.00	1.00	
	24 Benzo[a]anthracene	228	10.627	10.626	0.001	82	76856	0.1000	0.0858	
*	25 Chrysene-d12	240	10.640	10.640	0.000	93	129107	0.2000	0.2000	
	26 Chrysene	228	10.666	10.666	0.000	99	91084	0.1000	0.0925	
	27 Benzo[b]fluoranthene	252	11.859	11.859	0.000	100	65688	0.1000	0.0894	
	28 Benzo[k]fluoranthene	252	11.885	11.885	0.000	100	66648	0.1000	0.0909	
	29 Benzo[a]pyrene	252	12.248	12.248	0.000	100	45239	0.1000	0.0834	
*	30 Perylene-d12	264	12.320	12.320	0.000	100	100168	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	13.645	13.645	0.000	88	46680	0.1000	0.0826	
	32 Dibenz(a,h)anthracene	278	13.678	13.678	0.000	93	39446	0.1000	0.0827	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	13.962	13.962	0.000	78	43514	0.1000	0.0848	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_simSlviL4_00020 Amount Added: 1.00 Units: mL

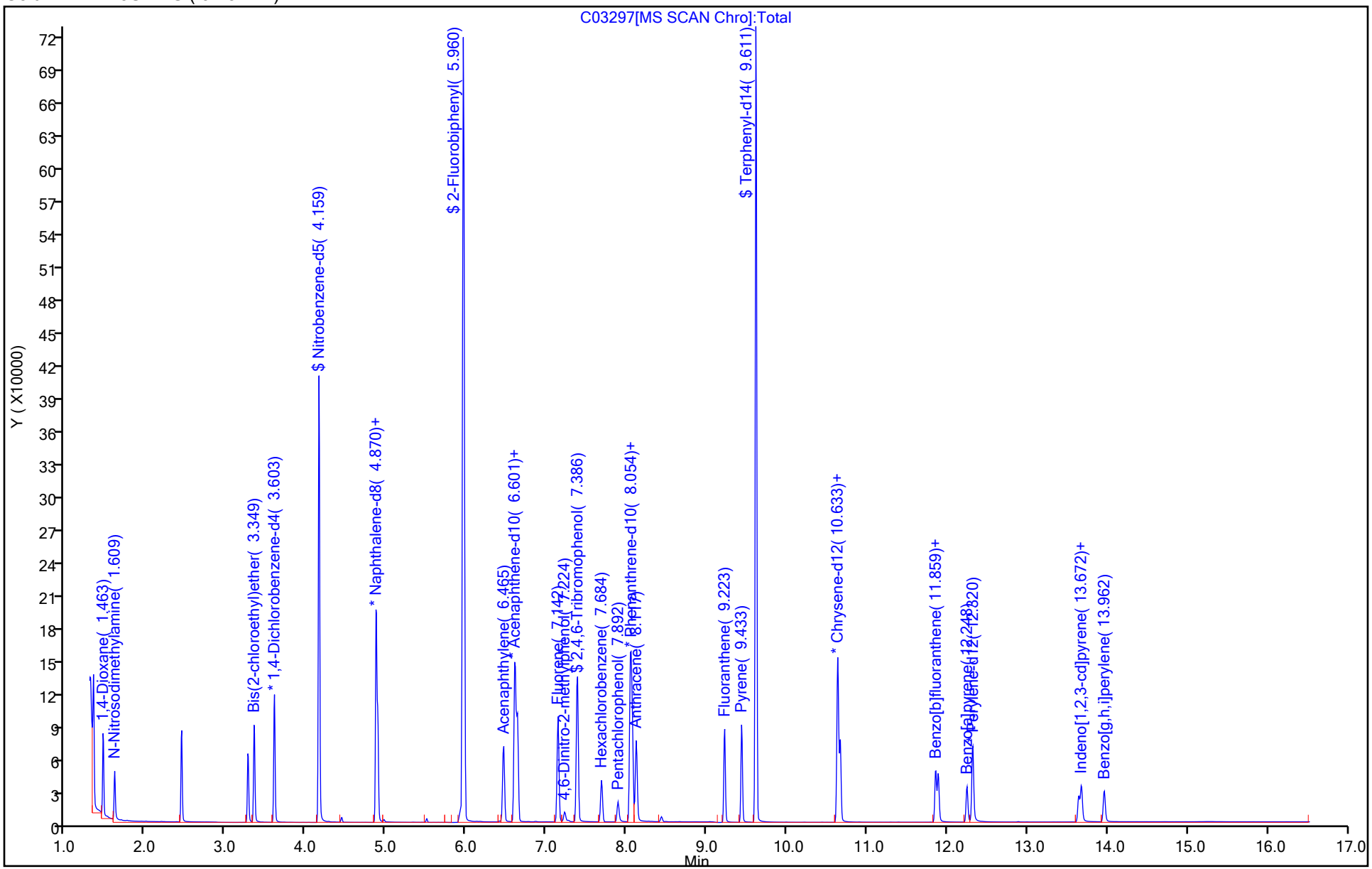
Report Date: 06-Jun-2025 15:22:57 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03297.D

Injection Date:	06-Jun-2025 13:24:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

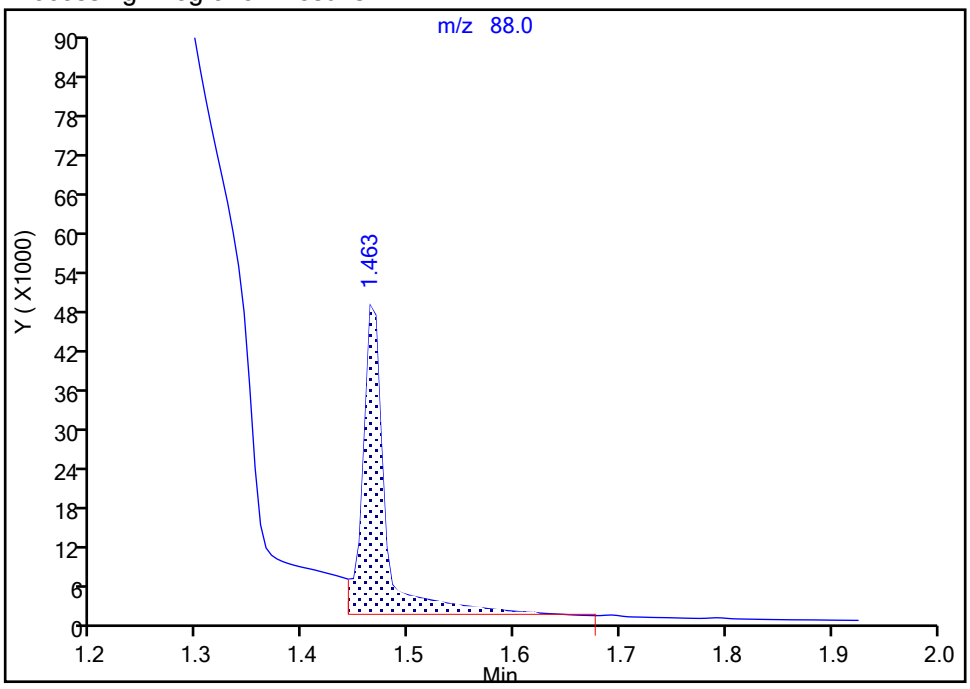
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03297.D
Injection Date: 06-Jun-2025 13:24:30 Instrument ID: CBNAMS13
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

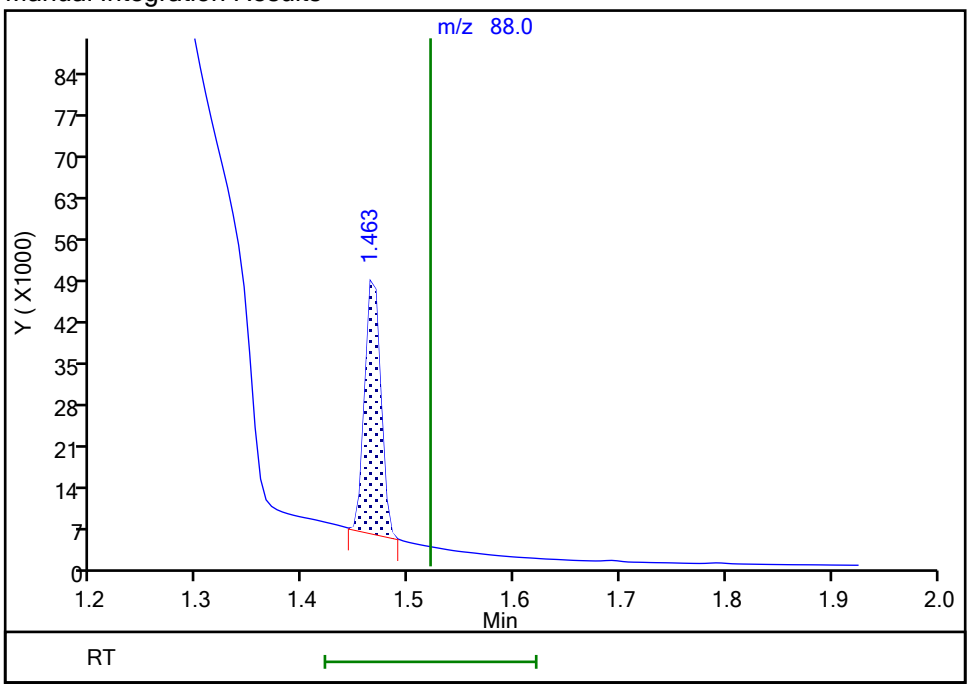
Processing Integration Results

RT: 1.46
Area: 72377
Amount: 0.472116
Amount Units: ug/ml



Manual Integration Results

RT: 1.46
Area: 45165
Amount: 0.388660
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 14:22:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03298.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 06-Jun-2025 13:45:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191869-008
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-SIM_BNA13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 06-Jun-2025 15:22:58 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: G4KC Date: 06-Jun-2025 14:23:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.474	1.474	0.000	99	21776	0.2000	0.1876	M
2 N-Nitrosodimethylamine	74	1.619	1.619	0.000	84	16508	0.1000	0.0913	
3 Bis(2-chloroethyl)ether	93	3.354	3.354	0.000	93	5163	0.0200	0.0172	
* 5 1,4-Dichlorobenzene-d4	152	3.603	3.603	0.000	99	54584	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.159	4.159	0.000	100	297567	1.00	0.9180	
* 7 Naphthalene-d8	136	4.875	4.875	0.000	99	206930	0.2000	0.2000	
8 Naphthalene	128	4.896	4.896	0.000	100	21074	0.0200	0.0190	
$ 9 2-Fluorobiphenyl	172	5.960	5.960	0.000	96	781119	1.00	0.9795	
10 Acenaphthylene	152	6.465	6.465	0.000	100	18344	0.0200	0.0182	
* 11 Acenaphthene-d10	164	6.601	6.601	0.000	97	111017	0.2000	0.2000	
12 Acenaphthene	154	6.637	6.637	0.000	92	12297	0.0200	0.0191	
13 Fluorene	166	7.142	7.142	0.000	88	13759	0.0200	0.0182	
14 4,6-Dinitro-2-methylphenol	198	7.233	7.233	0.000	89	3614	0.2000	0.1347	
$ 20 2,4,6-Tribromophenol	330	7.386	7.386	0.000	93	92050	1.00	0.8500	
15 Hexachlorobenzene	284	7.693	7.693	0.000	99	3816	0.0200	0.0168	
16 Pentachlorophenol	266	7.892	7.892	0.000	90	3184	0.1000	0.0353	
* 17 Phenanthrene-d10	188	8.045	8.045	0.000	100	210616	0.2000	0.2000	
18 Phenanthrene	178	8.072	8.072	0.000	90	23567	0.0200	0.0190	
19 Anthracene	178	8.117	8.117	0.000	99	19763	0.0200	0.0175	
21 Fluoranthene	202	9.223	9.223	0.000	95	20653	0.0200	0.0180	
22 Pyrene	202	9.434	9.434	0.000	98	20911	0.0200	0.0191	
$ 23 Terphenyl-d14	244	9.612	9.612	0.000	96	730478	1.00	1.01	
24 Benzo[a]anthracene	228	10.627	10.627	0.000	20	14395	0.0200	0.0171	
* 25 Chrysene-d12	240	10.640	10.640	0.000	94	121113	0.2000	0.2000	
26 Chrysene	228	10.666	10.666	0.000	98	17799	0.0200	0.0193	
27 Benzo[b]fluoranthene	252	11.859	11.859	0.000	100	12470	0.0200	0.0189	
28 Benzo[k]fluoranthene	252	11.892	11.892	0.000	98	11238	0.0200	0.0171	
29 Benzo[a]pyrene	252	12.248	12.248	0.000	100	7928	0.0200	0.0163	
* 30 Perylene-d12	264	12.321	12.321	0.000	100	90045	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.645	13.645	0.000	88	8604	0.0200	0.0169	
32 Dibenz(a,h)anthracene	278	13.678	13.678	0.000	94	6894	0.0200	0.0161	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	13.962	13.962	0.000	78	7979	0.0200	0.0173	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

SM_simSlviL3_00024 Amount Added: 1.00 Units: mL

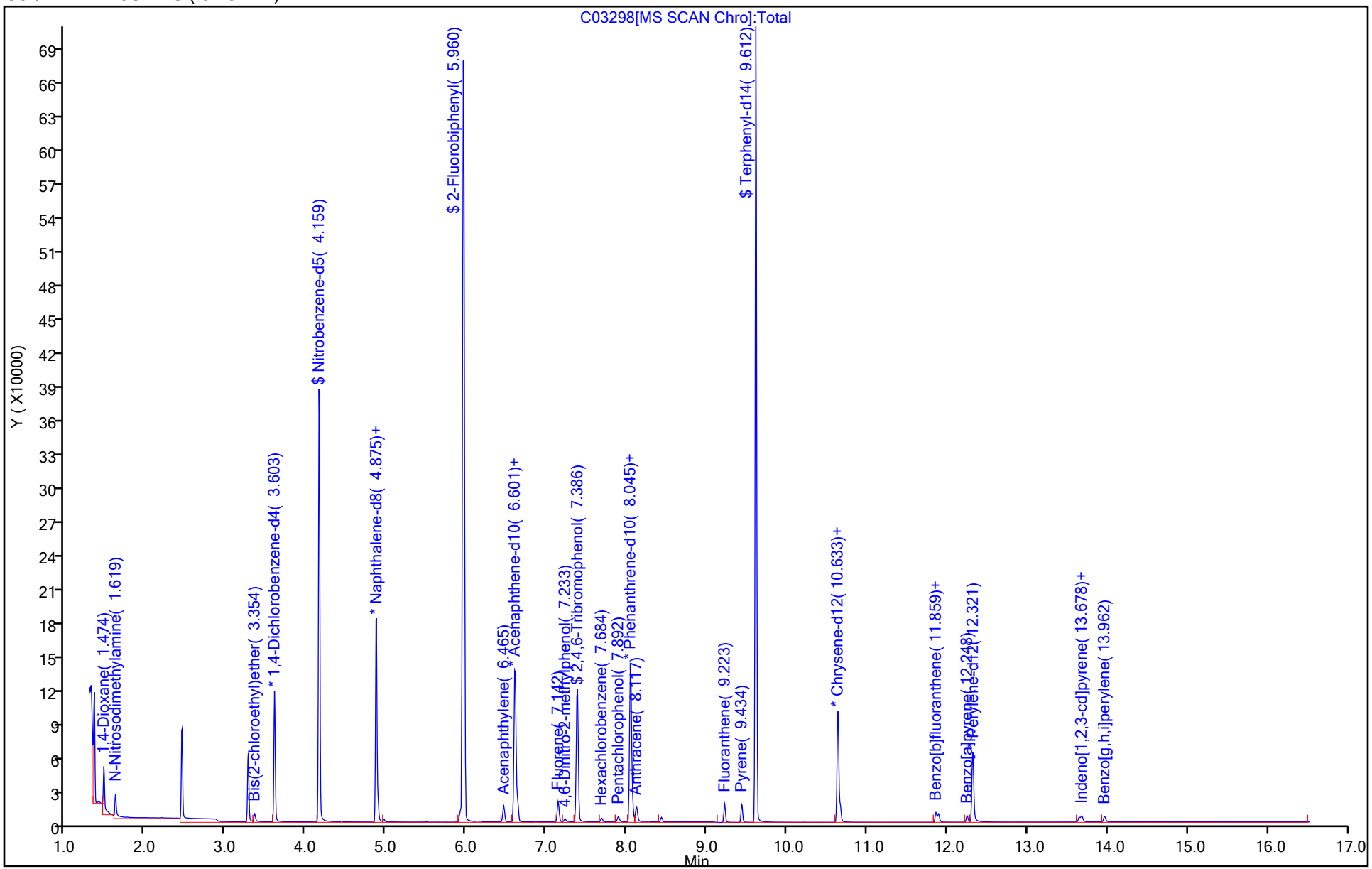
Report Date: 06-Jun-2025 15:22:58 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03298.D

Injection Date:	06-Jun-2025 13:45:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD3			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

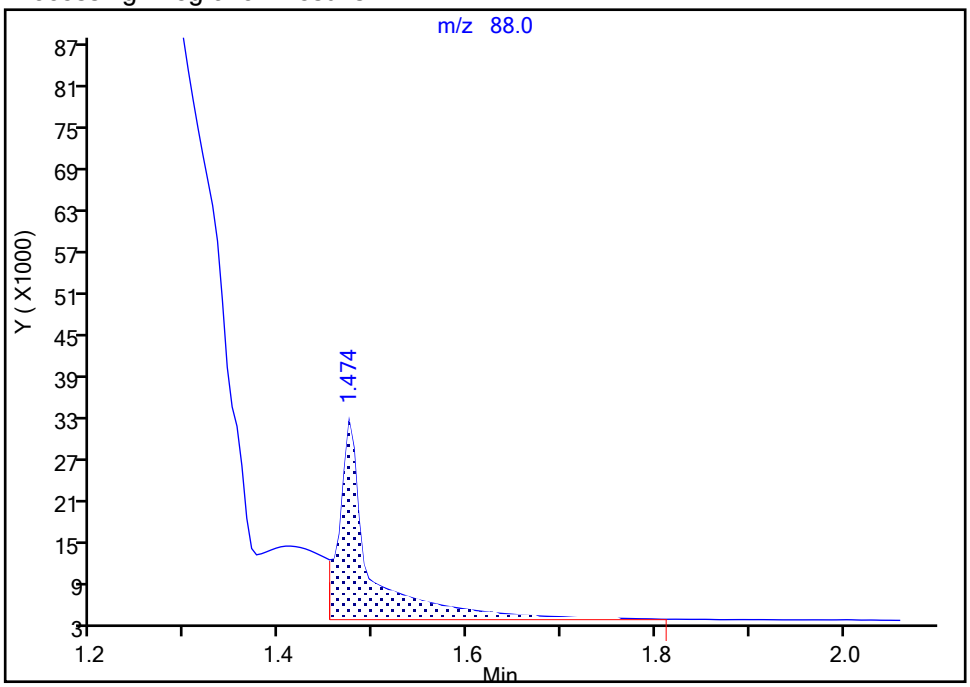
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03298.D
Injection Date: 06-Jun-2025 13:45:30 Instrument ID: CBNAMS13
Lims ID: STD3
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

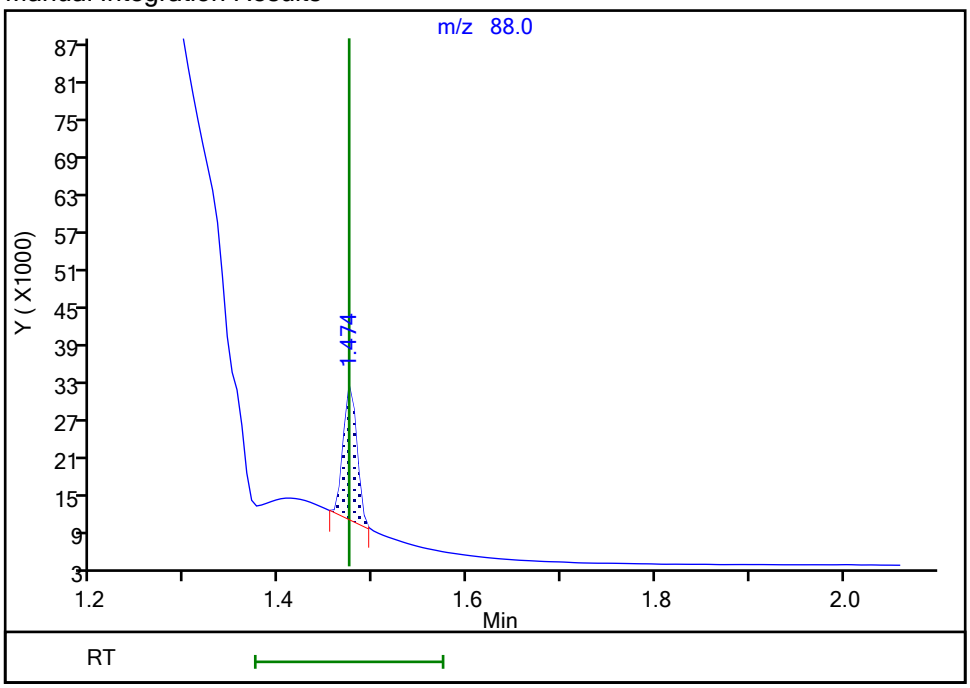
Processing Integration Results

RT: 1.47
Area: 65950
Amount: 0.436117
Amount Units: ug/ml



Manual Integration Results

RT: 1.47
Area: 21776
Amount: 0.187644
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 14:23:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03299.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 06-Jun-2025 14:07:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191869-009
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-SIM_BNA13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 06-Jun-2025 15:22:59 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: G4KC Date: 06-Jun-2025 14:39:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.474	1.474	0.000	51	2062	0.0200	0.0189	M
2 N-Nitrosodimethylamine	74	1.624	1.619	0.005	72	2863	0.0200	0.0169	
3 Bis(2-chloroethyl)ether	93	3.359	3.354	0.005	91	550	0.002000	0.001958	
* 5 1,4-Dichlorobenzene-d4	152	3.603	3.603	0.000	99	51222	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	4.159	4.159	0.000	100	282455	1.00	0.9196	
* 7 Naphthalene-d8	136	4.875	4.875	0.000	99	196075	0.2000	0.2000	
8 Naphthalene	128	4.896	4.896	0.000	79	5397	0.005000	0.005124	
$ 9 2-Fluorobiphenyl	172	5.960	5.960	0.000	96	742448	1.00	0.9652	
10 Acenaphthylene	152	6.465	6.465	0.000	100	4807	0.005000	0.004950	
* 11 Acenaphthene-d10	164	6.601	6.601	0.000	97	107079	0.2000	0.2000	
12 Acenaphthene	154	6.637	6.637	0.000	92	3505	0.005000	0.005656	
13 Fluorene	166	7.142	7.142	0.000	88	3733	0.005000	0.005120	
14 4,6-Dinitro-2-methylphenol	198	7.242	7.233	0.009	91	434	0.0400	0.0280	
$ 20 2,4,6-Tribromophenol	330	7.386	7.386	0.000	93	82135	1.00	0.7863	
15 Hexachlorobenzene	284	7.693	7.693	0.000	99	426	0.002000	0.001955	
16 Pentachlorophenol	266	7.901	7.892	0.009	92	158	0.0160	0.009446	a
* 17 Phenanthrene-d10	188	8.045	8.045	0.000	100	202069	0.2000	0.2000	
18 Phenanthrene	178	8.072	8.072	0.000	36	6142	0.005000	0.005171	
19 Anthracene	178	8.126	8.117	0.009	100	5317	0.005000	0.004902	
21 Fluoranthene	202	9.229	9.223	0.006	95	5536	0.005000	0.005042	
22 Pyrene	202	9.440	9.434	0.006	98	5560	0.005000	0.005421	
$ 23 Terphenyl-d14	244	9.611	9.612	-0.001	96	689711	1.00	1.02	
24 Benzo[a]anthracene	228	10.627	10.627	0.000	10	3947	0.005000	0.005012	
* 25 Chrysene-d12	240	10.640	10.640	0.000	93	113509	0.2000	0.2000	
26 Chrysene	228	10.666	10.666	0.000	97	4914	0.005000	0.005674	
27 Benzo[b]fluoranthene	252	11.866	11.859	0.007	100	2935	0.005000	0.004855	
28 Benzo[k]fluoranthene	252	11.892	11.892	0.000	100	3255	0.005000	0.005397	
29 Benzo[a]pyrene	252	12.255	12.248	0.007	100	2080	0.005000	0.004661	
* 30 Perylene-d12	264	12.321	12.321	-0.001	100	82409	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.659	13.645	0.014	88	2314	0.005000	0.004979	
32 Dibenz(a,h)anthracene	278	13.685	13.678	0.007	94	1919	0.005000	0.004888	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	13.975	13.962	0.013	77	2151	0.005000	0.005092	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_simSlviL2_00021 Amount Added: 1.00 Units: mL

Report Date: 06-Jun-2025 15:23:00 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03299.D

Injection Date:	06-Jun-2025 14:07:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

Manual Integration/User Assign Peak Report

Eurofins Edison

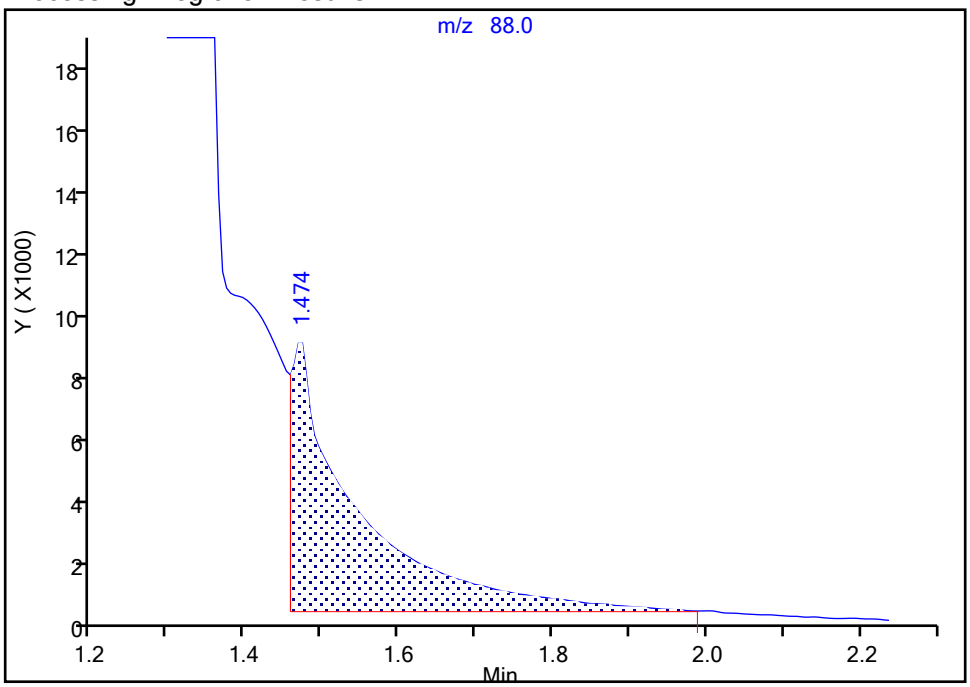
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03299.D
Injection Date: 06-Jun-2025 14:07:30 Instrument ID: CBNAMS13
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

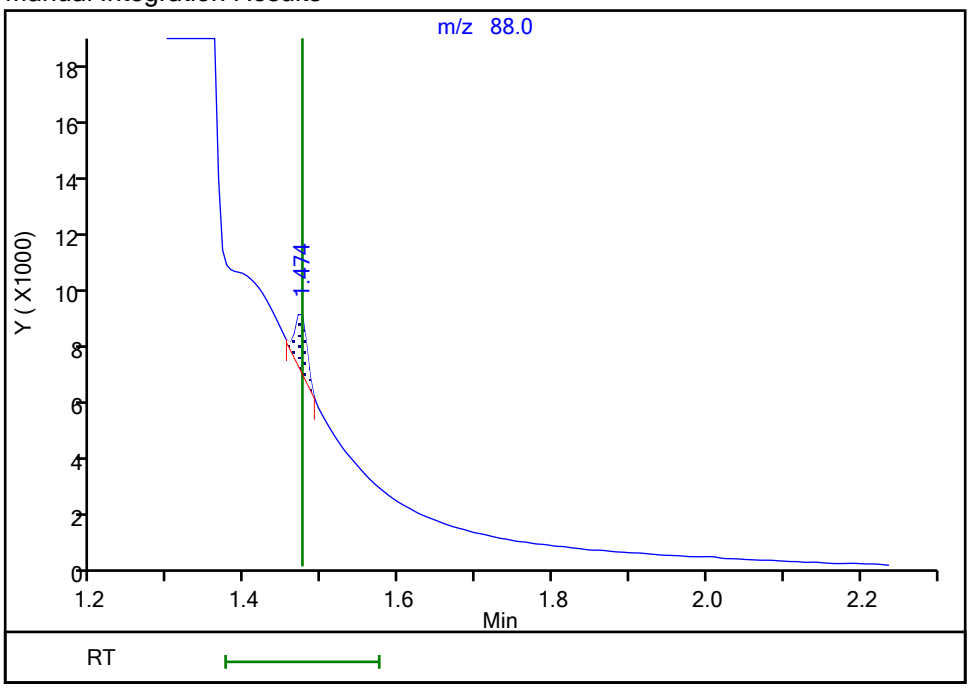
Processing Integration Results

RT: 1.47
Area: 47922
Amount: 0.120476
Amount Units: ug/ml



Manual Integration Results

RT: 1.47
Area: 2062
Amount: 0.018935
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 14:39:27 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

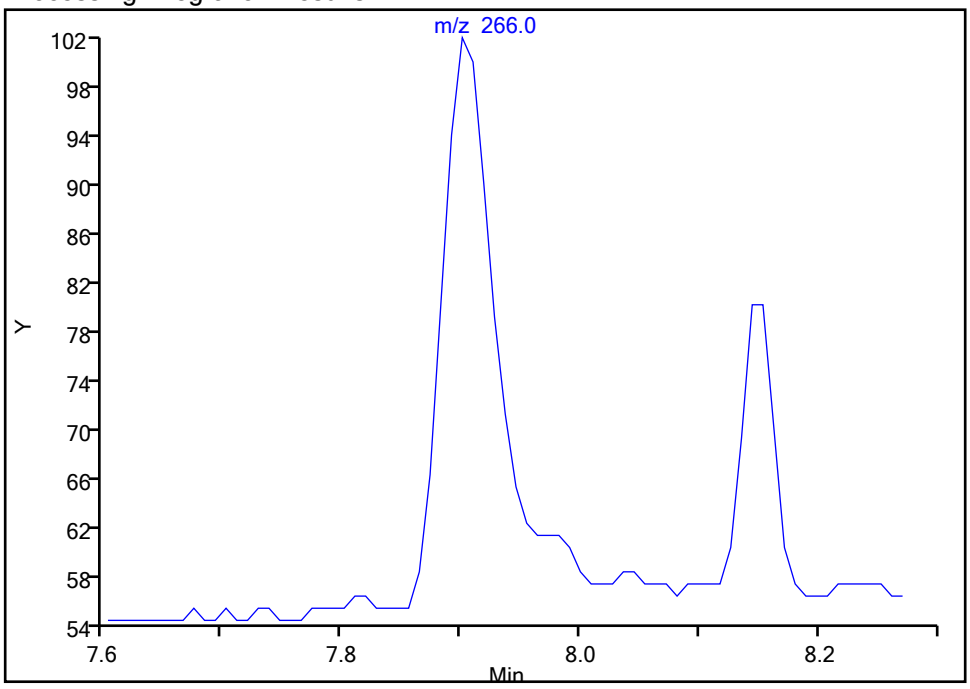
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03299.D
Injection Date: 06-Jun-2025 14:07:30 Instrument ID: CBNAMS13
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

16 Pentachlorophenol, CAS: 87-86-5

Signal: 1

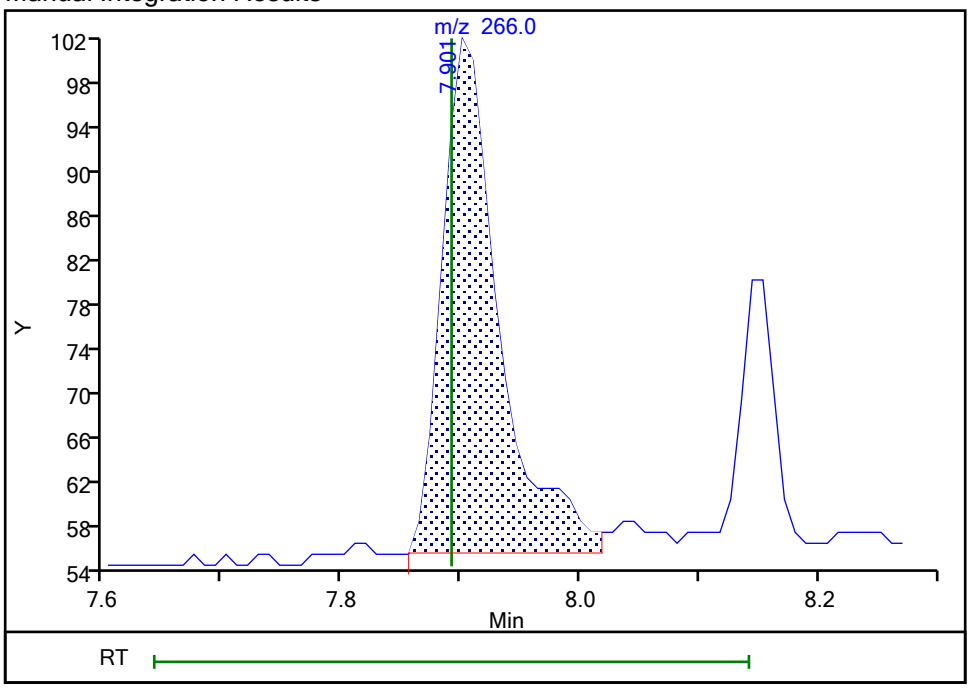
Not Detected
Expected RT: 7.89

Processing Integration Results



Manual Integration Results

RT: 7.90
Area: 158
Amount: 0.009446
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 14:39:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 06-Jun-2025 14:28:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191869-010
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-SIM_BNA13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 06-Jun-2025 15:23:01 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: G4KC Date: 06-Jun-2025 15:13:55

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.474	1.474	0.000	22	374	0.004000	0.003340	M
	2 N-Nitrosodimethylamine	74	1.650	1.619	0.031	43	476	0.004000	0.002729	
	3 Bis(2-chloroethyl)ether	93	3.369	3.354	0.015	87	112	0.000400	0.000388	a
*	5 1,4-Dichlorobenzene-d4	152	3.608	3.603	0.005	99	52668	0.2000	0.2000	
*	7 Naphthalene-d8	136	4.875	4.875	0.000	99	201124	0.2000	0.2000	
	8 Naphthalene	128	4.896	4.896	0.000	25	1198	0.001000	0.001109	
	10 Acenaphthylene	152	6.465	6.465	0.000	98	999	0.001000	0.000993	
*	11 Acenaphthene-d10	164	6.600	6.601	-0.001	97	110961	0.2000	0.2000	
	12 Acenaphthene	154	6.637	6.637	0.000	74	752	0.001000	0.001171	
	13 Fluorene	166	7.151	7.142	0.009	90	802	0.001000	0.001062	
	14 4,6-Dinitro-2-methylphenol	198	7.260	7.233	0.027	97	85	0.008000	0.0146	a
	15 Hexachlorobenzene	284	7.693	7.693	0.000	98	101	0.000400	0.000446	a
	16 Pentachlorophenol	266	7.910	7.892	0.018	91	96	0.003200	0.008860	a
*	17 Phenanthrene-d10	188	8.045	8.045	0.000	100	210203	0.2000	0.2000	
	18 Phenanthrene	178	8.072	8.072	0.000	17	1445	0.001000	0.001169	
	19 Anthracene	178	8.126	8.117	0.009	99	1142	0.001000	0.001012	
	21 Fluoranthene	202	9.229	9.223	0.006	95	1188	0.001000	0.001040	
	22 Pyrene	202	9.440	9.434	0.006	99	1183	0.001000	0.001133	
	24 Benzo[a]anthracene	228	10.633	10.627	0.006	6	1042	0.001000	0.001299	
*	25 Chrysene-d12	240	10.640	10.640	0.000	92	115583	0.2000	0.2000	
	26 Chrysene	228	10.666	10.666	0.000	37	1119	0.001000	0.001269	
	27 Benzo[b]fluoranthene	252	11.872	11.859	0.013	100	540	0.001000	0.000909	
	28 Benzo[k]fluoranthene	252	11.905	11.892	0.013	33	666	0.001000	0.001123	
	29 Benzo[a]pyrene	252	12.254	12.248	0.006	99	401	0.001000	0.000914	
*	30 Perylene-d12	264	12.320	12.321	-0.001	100	81016	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	13.672	13.645	0.027	87	446	0.001000	0.000976	
	32 Dibenz(a,h)anthracene	278	13.698	13.678	0.020	94	410	0.001000	0.001062	
	33 Benzo[g,h,i]perylene	276	13.981	13.962	0.019	77	445	0.001000	0.001072	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_simSlviL1_00021 Amount Added: 1.00 Units: mL

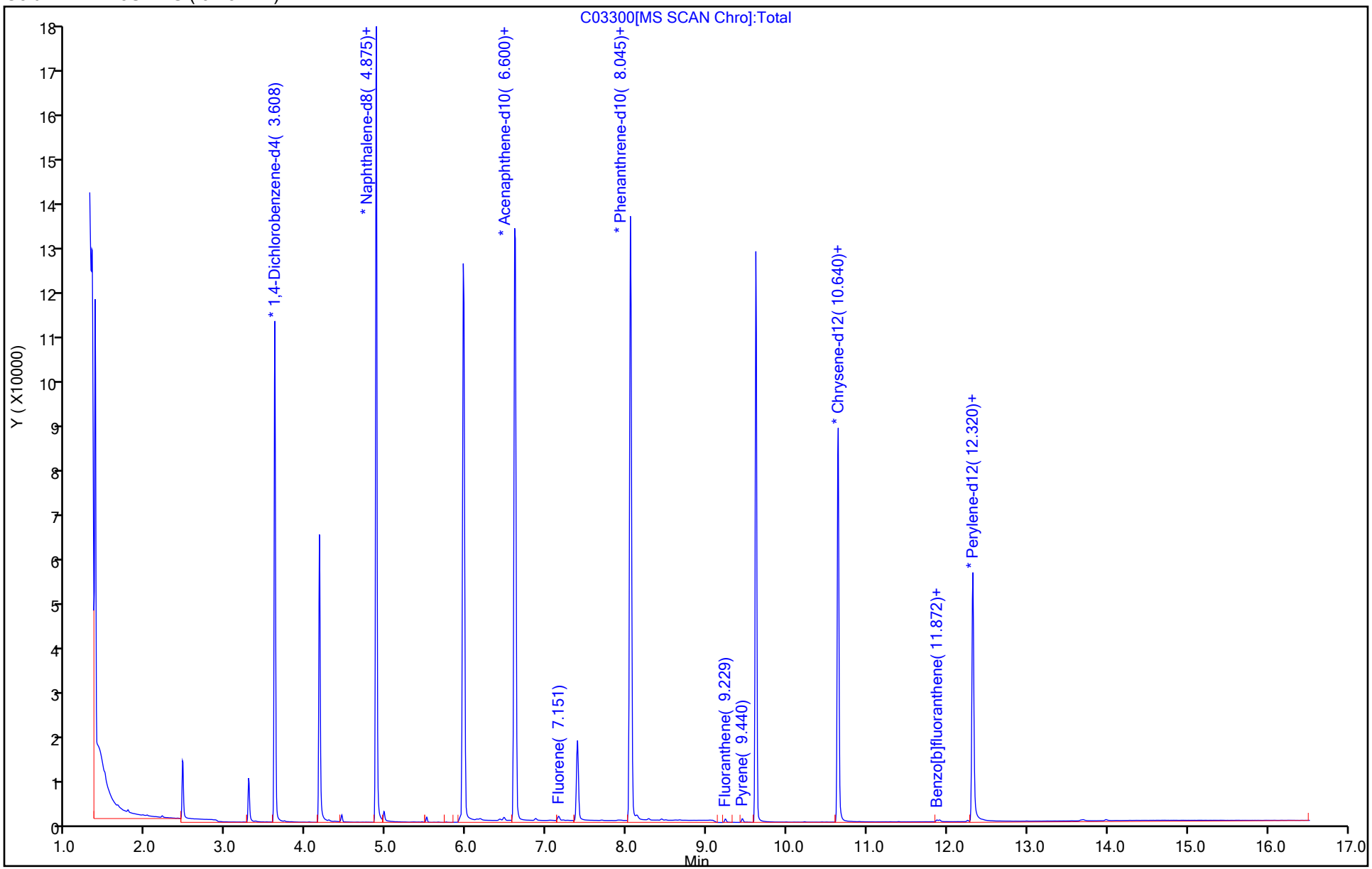
Report Date: 06-Jun-2025 15:23:02 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Injection Date:	06-Jun-2025 14:28:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

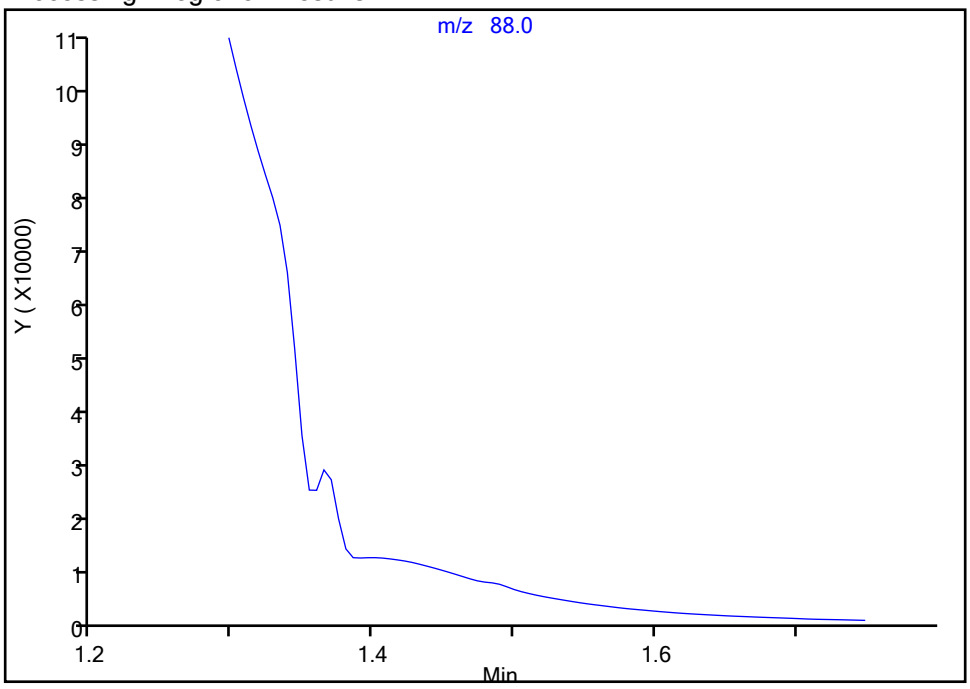
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D
Injection Date: 06-Jun-2025 14:28:30 Instrument ID: CBNAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

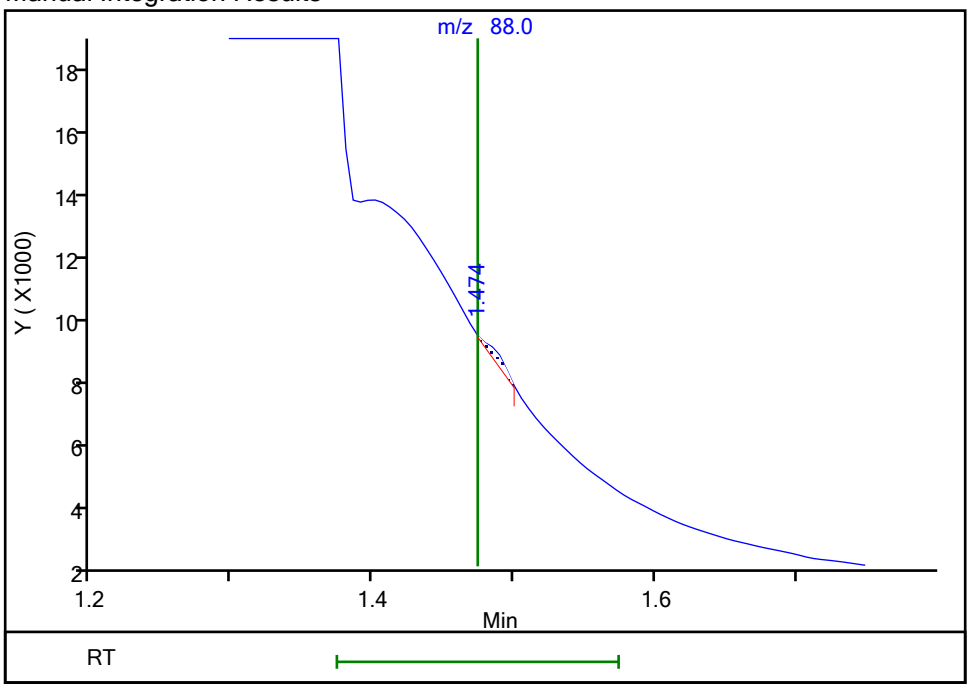
Not Detected
Expected RT: 1.47

Processing Integration Results



Manual Integration Results

RT: 1.47
Area: 374
Amount: 0.003340
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 15:13:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

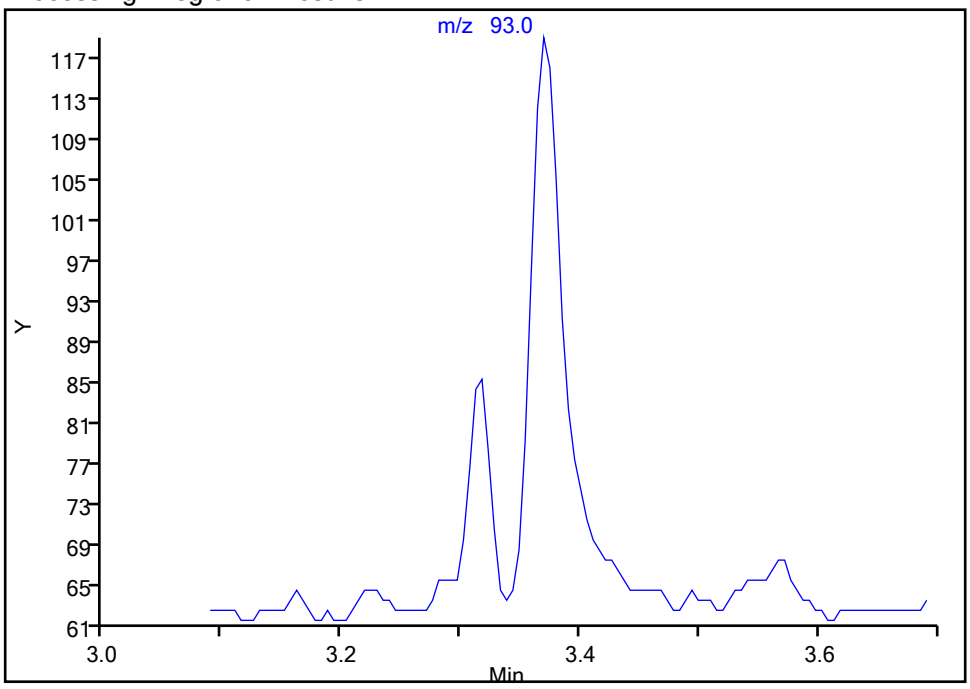
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D
Injection Date: 06-Jun-2025 14:28:30 Instrument ID: CBNAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

3 Bis(2-chloroethyl)ether, CAS: 111-44-4

Signal: 1

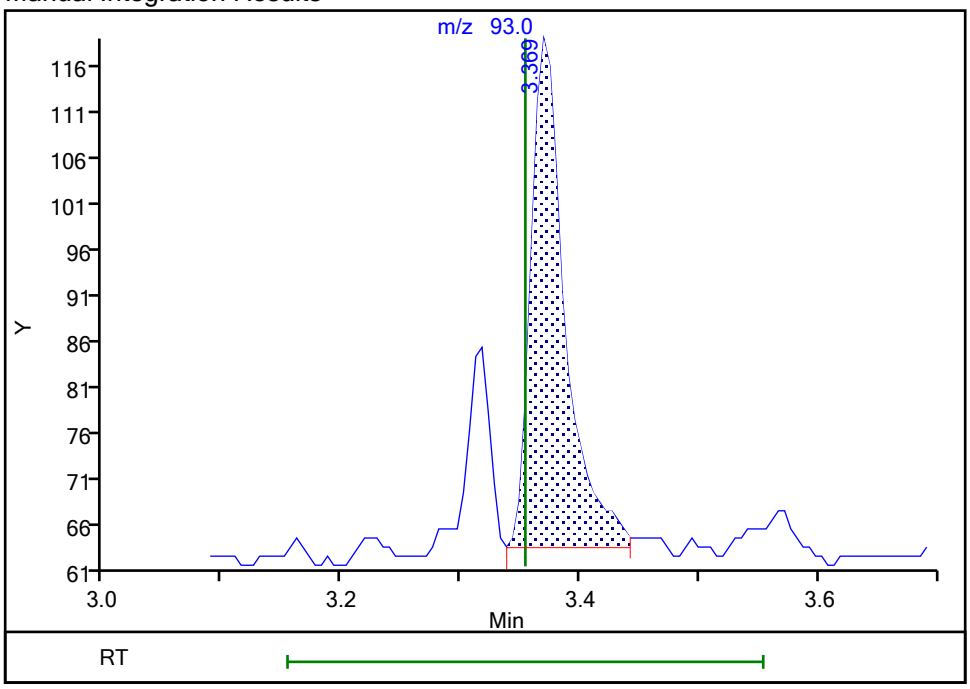
Not Detected
Expected RT: 3.35

Processing Integration Results



Manual Integration Results

RT: 3.37
Area: 112
Amount: 0.000388
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 15:13:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

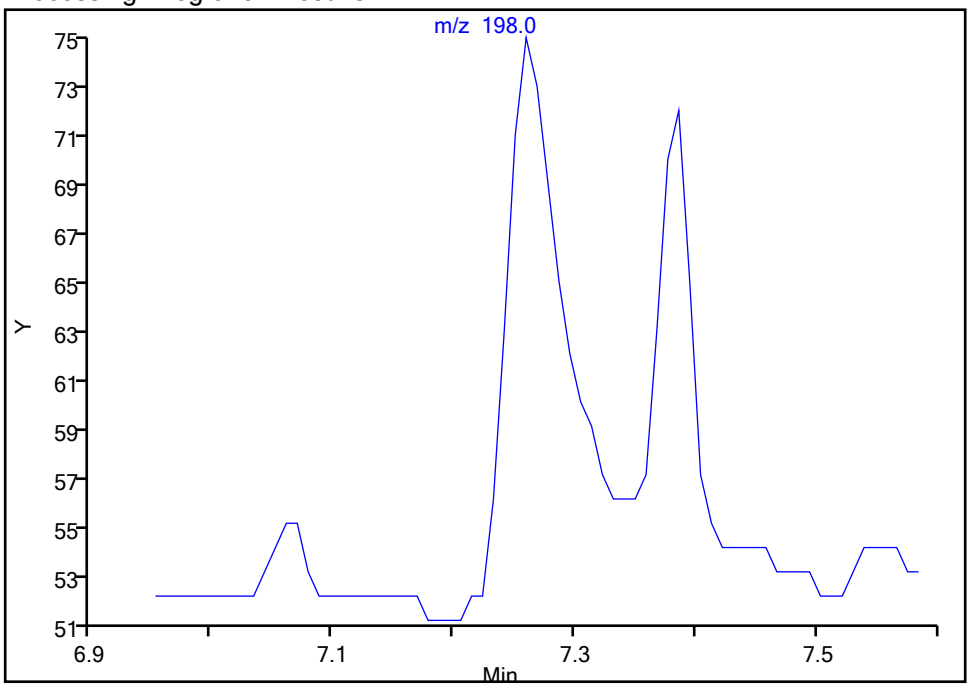
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D
Injection Date: 06-Jun-2025 14:28:30 Instrument ID: CBNAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

14 4,6-Dinitro-2-methylphenol, CAS: 534-52-1

Signal: 1

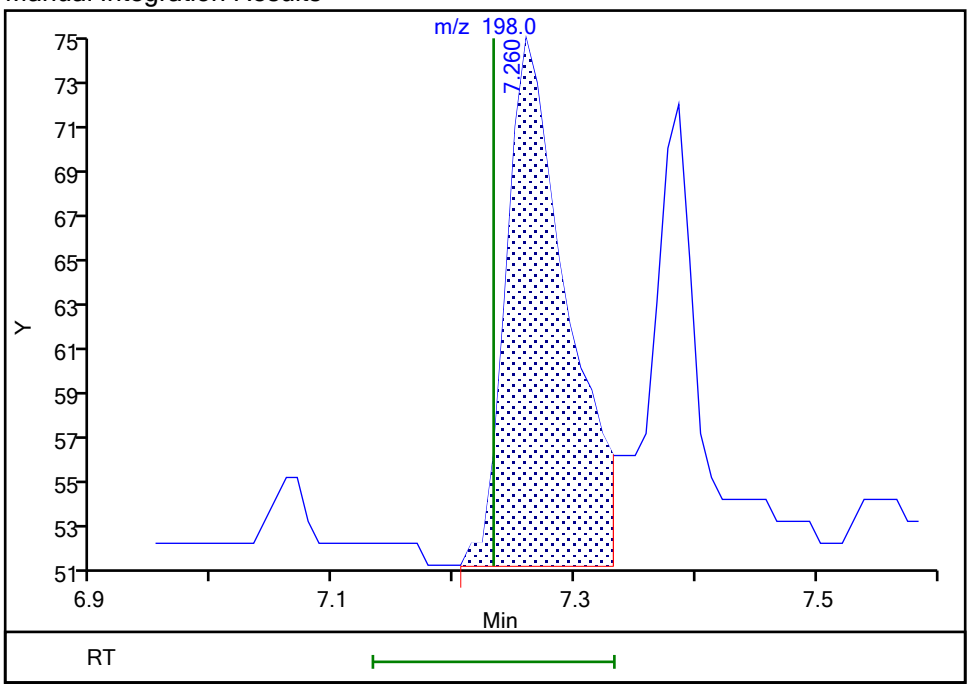
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.26
Area: 85
Amount: 0.014576
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 15:13:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

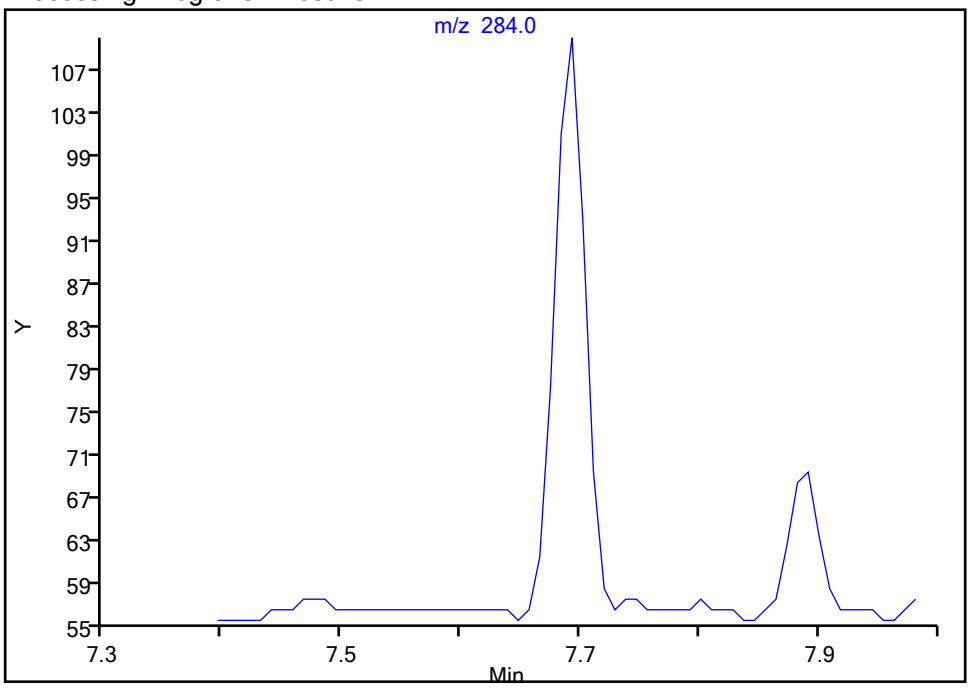
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D
Injection Date: 06-Jun-2025 14:28:30 Instrument ID: CBNAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

15 Hexachlorobenzene, CAS: 118-74-1

Signal: 1

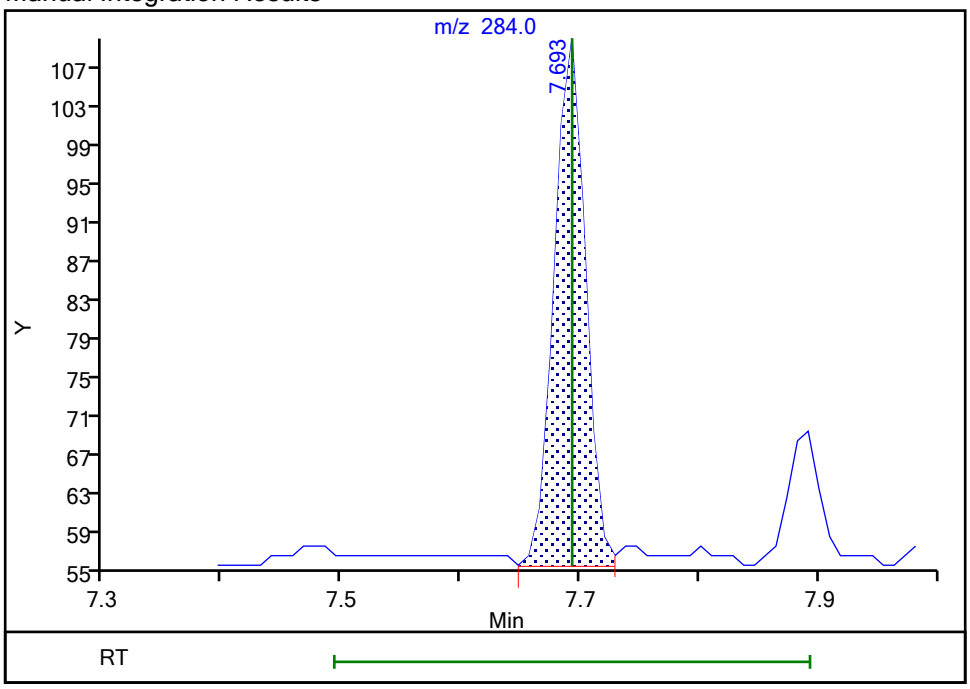
Not Detected
Expected RT: 7.69

Processing Integration Results



Manual Integration Results

RT: 7.69
Area: 101
Amount: 0.000446
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 15:13:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

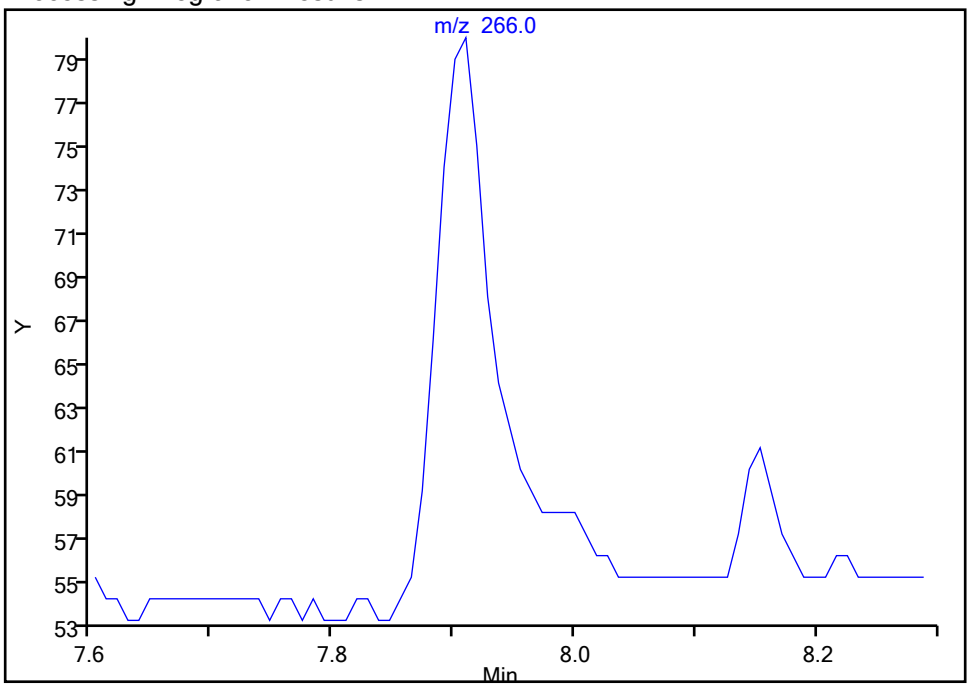
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D
Injection Date: 06-Jun-2025 14:28:30 Instrument ID: CBNAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

16 Pentachlorophenol, CAS: 87-86-5

Signal: 1

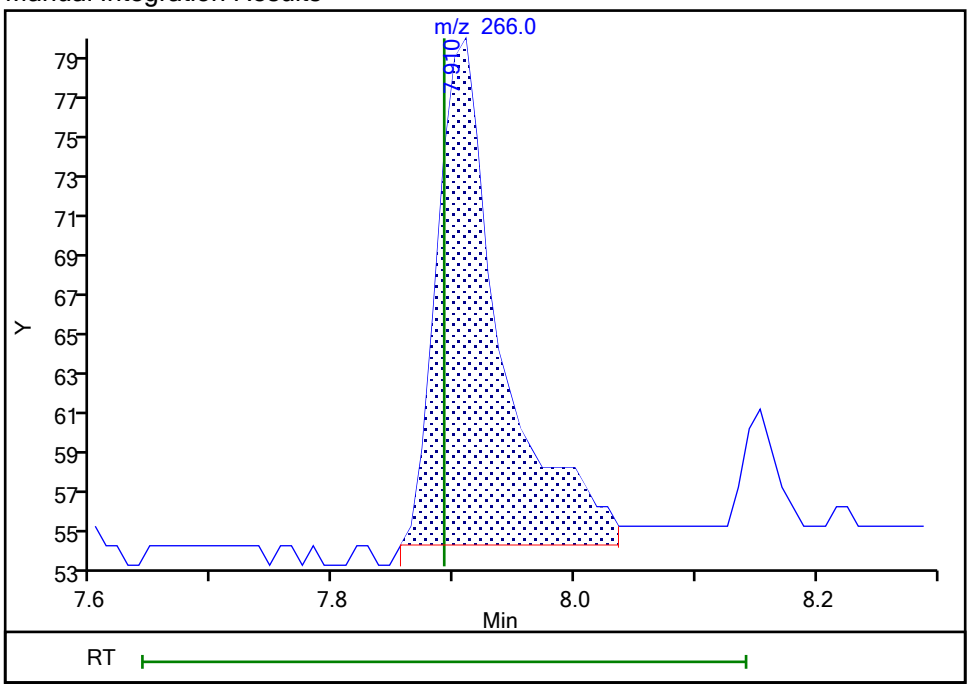
Not Detected
Expected RT: 7.89

Processing Integration Results



Manual Integration Results

RT: 7.91
Area: 96
Amount: 0.008860
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 15:13:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

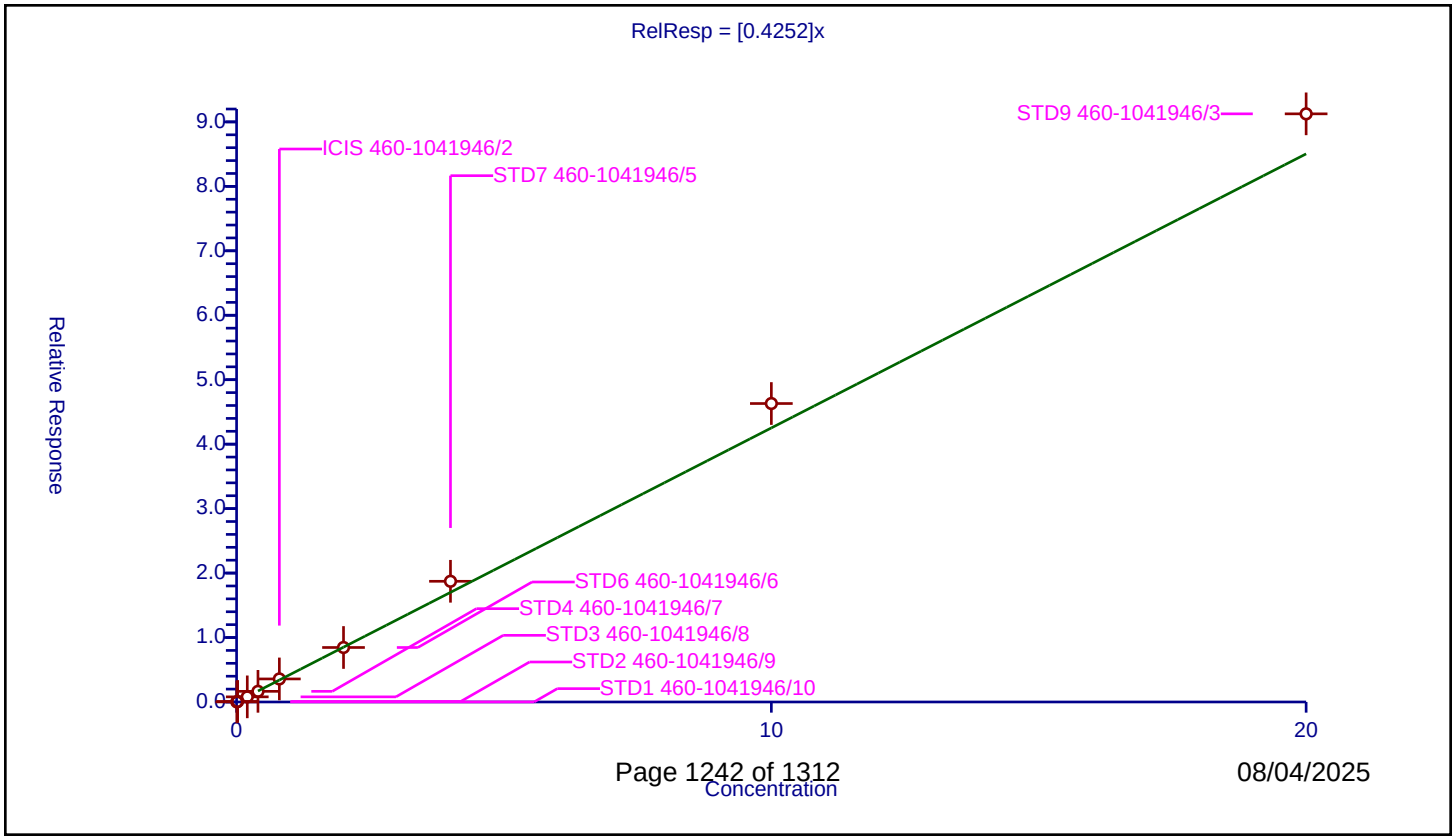
Curve Coefficients

Intercept:	0
Slope:	0.4252

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.004	0.00142	0.2	52668.0	0.355054	Y
2	STD2 460-1041946/9	0.02	0.008051	0.2	51222.0	0.402561	Y
3	STD3 460-1041946/8	0.2	0.079789	0.2	54584.0	0.398945	Y
4	STD4 460-1041946/7	0.4	0.165264	0.2	54658.0	0.41316	Y
5	ICIS 460-1041946/2	0.8	0.357627	0.2	55299.0	0.447033	Y
6	STD6 460-1041946/6	2.0	0.84543	0.2	48888.0	0.422715	Y
7	STD7 460-1041946/5	4.0	1.872622	0.2	40489.0	0.468156	Y
8	STD8 460-1041946/4	10.0	4.630549	0.2	40597.0	0.463055	Y
9	STD9 460-1041946/3	20.0	9.125005	0.2	41000.0	0.45625	Y



Calibration / N-Nitrosodimethylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

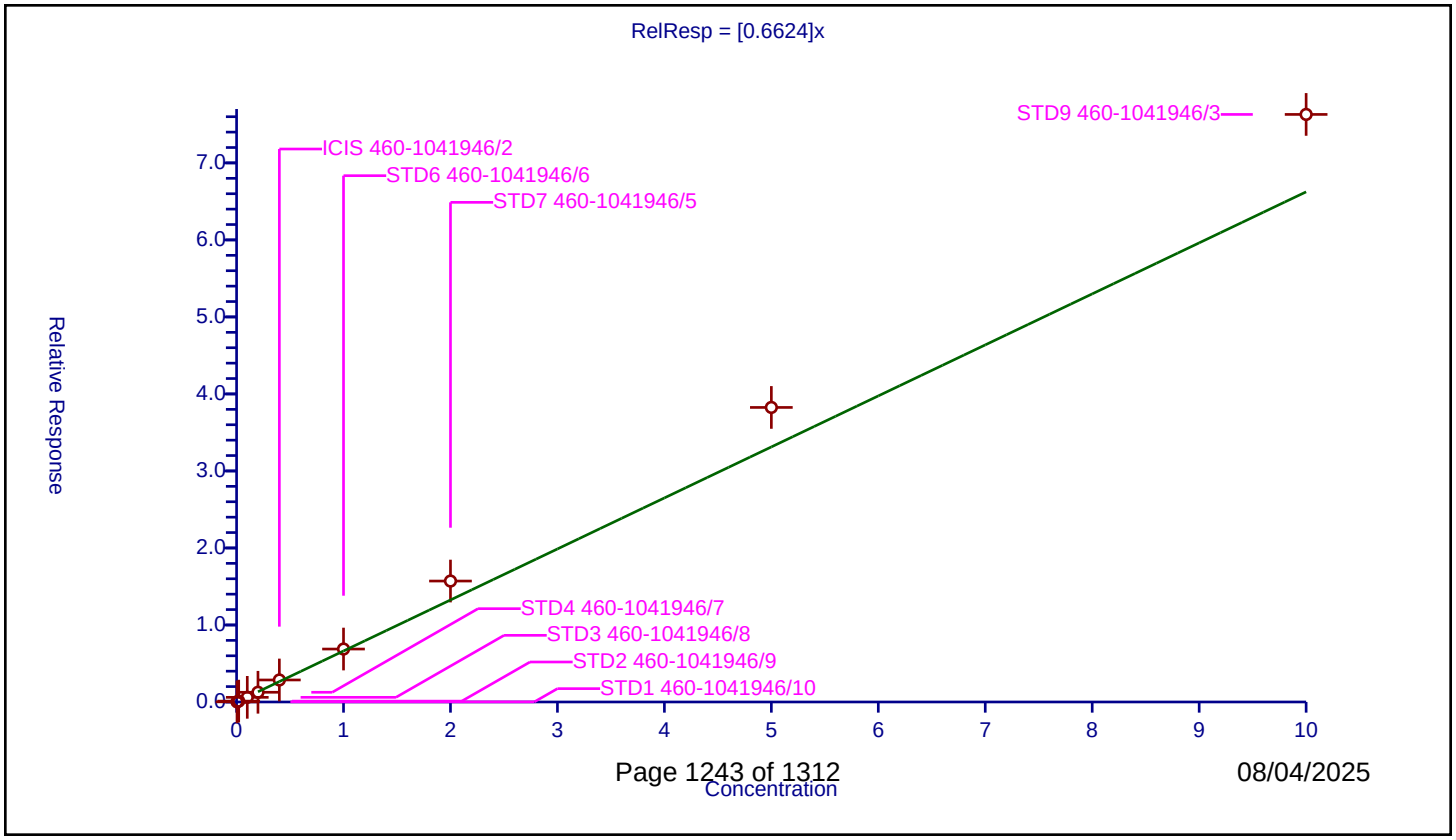
Curve Coefficients

Intercept:	0
Slope:	0.6624

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.004	0.001808	0.2	52668.0	0.451887	Y
2	STD2 460-1041946/9	0.02	0.011179	0.2	51222.0	0.55894	Y
3	STD3 460-1041946/8	0.1	0.060487	0.2	54584.0	0.604866	Y
4	STD4 460-1041946/7	0.2	0.126137	0.2	54658.0	0.630685	Y
5	ICIS 460-1041946/2	0.4	0.285839	0.2	55299.0	0.714597	Y
6	STD6 460-1041946/6	1.0	0.687596	0.2	48888.0	0.687596	Y
7	STD7 460-1041946/5	2.0	1.570451	0.2	40489.0	0.785226	Y
8	STD8 460-1041946/4	5.0	3.824962	0.2	40597.0	0.764992	Y
9	STD9 460-1041946/3	10.0	7.62978	0.2	41000.0	0.762978	Y



Calibration / Bis(2-chloroethyl)ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

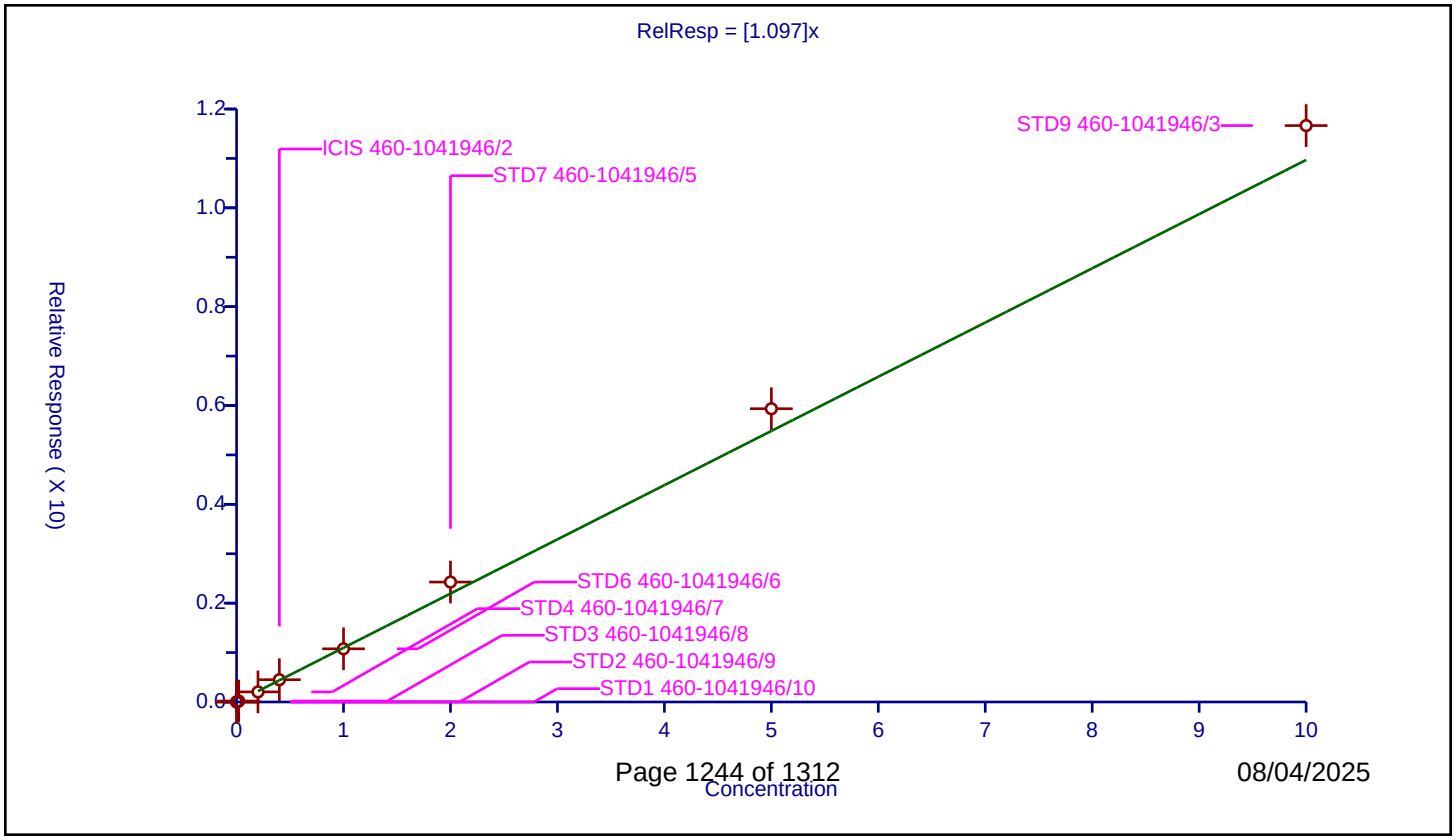
Curve Coefficients

Intercept:	0
Slope:	1.097

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.0004	0.000425	0.2	52668.0	1.063264	Y
2	STD2 460-1041946/9	0.002	0.002148	0.2	51222.0	1.073757	Y
3	STD3 460-1041946/8	0.02	0.018918	0.2	54584.0	0.945882	Y
4	STD4 460-1041946/7	0.2	0.204025	0.2	54658.0	1.020125	Y
5	ICIS 460-1041946/2	0.4	0.450677	0.2	55299.0	1.126693	Y
6	STD6 460-1041946/6	1.0	1.075757	0.2	48888.0	1.075757	Y
7	STD7 460-1041946/5	2.0	2.427104	0.2	40489.0	1.213552	Y
8	STD8 460-1041946/4	5.0	5.934783	0.2	40597.0	1.186957	Y
9	STD9 460-1041946/3	10.0	11.665137	0.2	41000.0	1.166514	Y



Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

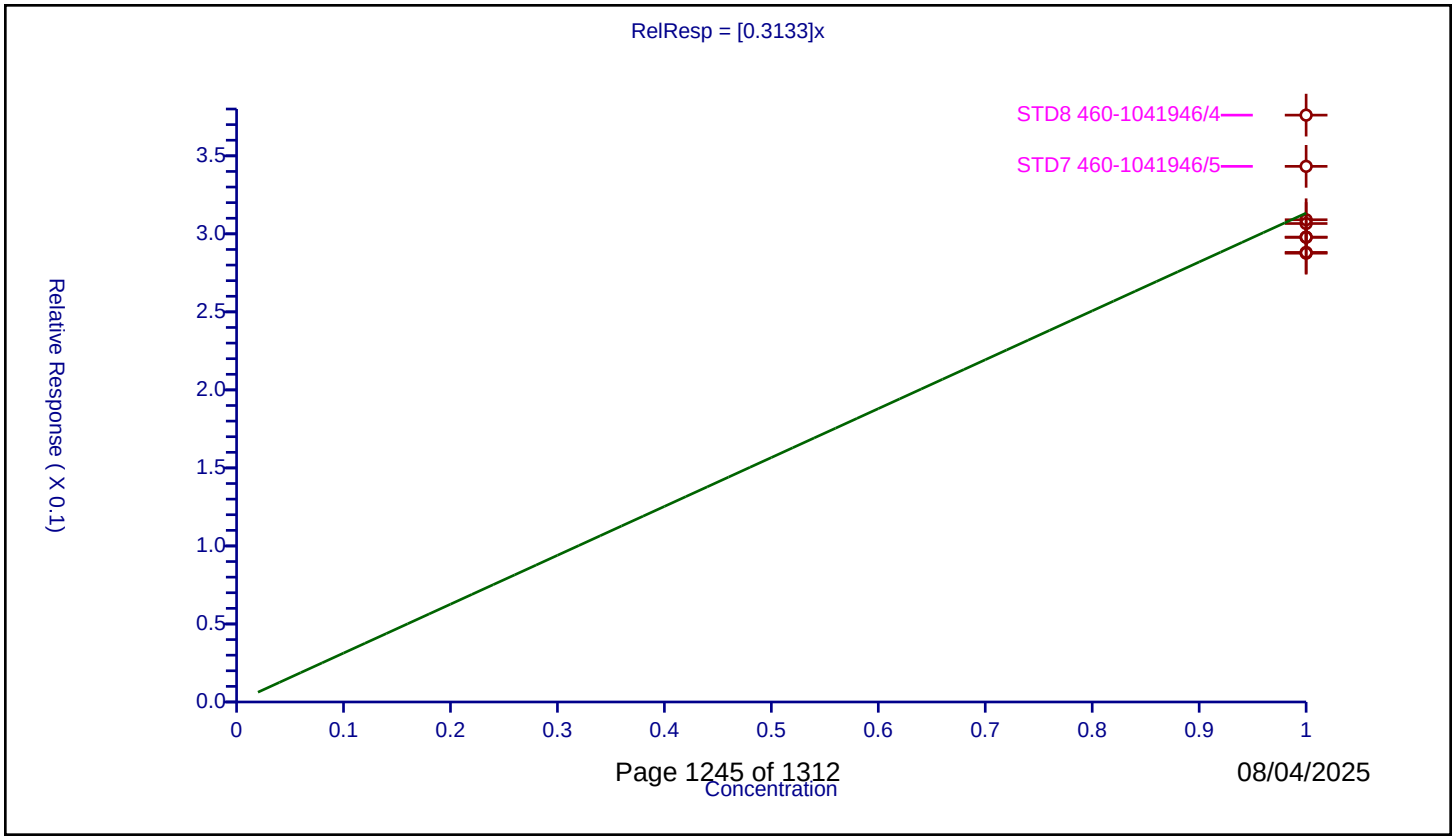
Curve Coefficients

Intercept:	0
Slope:	0.3133

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1041946/2	1.0	0.309052	0.2	212033.0	0.309052	Y
2	STD9 460-1041946/3	1.0	0.306612	0.2	159755.0	0.306612	Y
3	STD8 460-1041946/4	1.0	0.376083	0.2	158691.0	0.376083	Y
4	STD7 460-1041946/5	1.0	0.343251	0.2	157913.0	0.343251	Y
5	STD6 460-1041946/6	1.0	0.297798	0.2	189701.0	0.297798	Y
6	STD4 460-1041946/7	1.0	0.297911	0.2	209013.0	0.297911	Y
7	STD3 460-1041946/8	1.0	0.287602	0.2	206930.0	0.287602	Y
8	STD2 460-1041946/9	1.0	0.288109	0.2	196075.0	0.288109	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

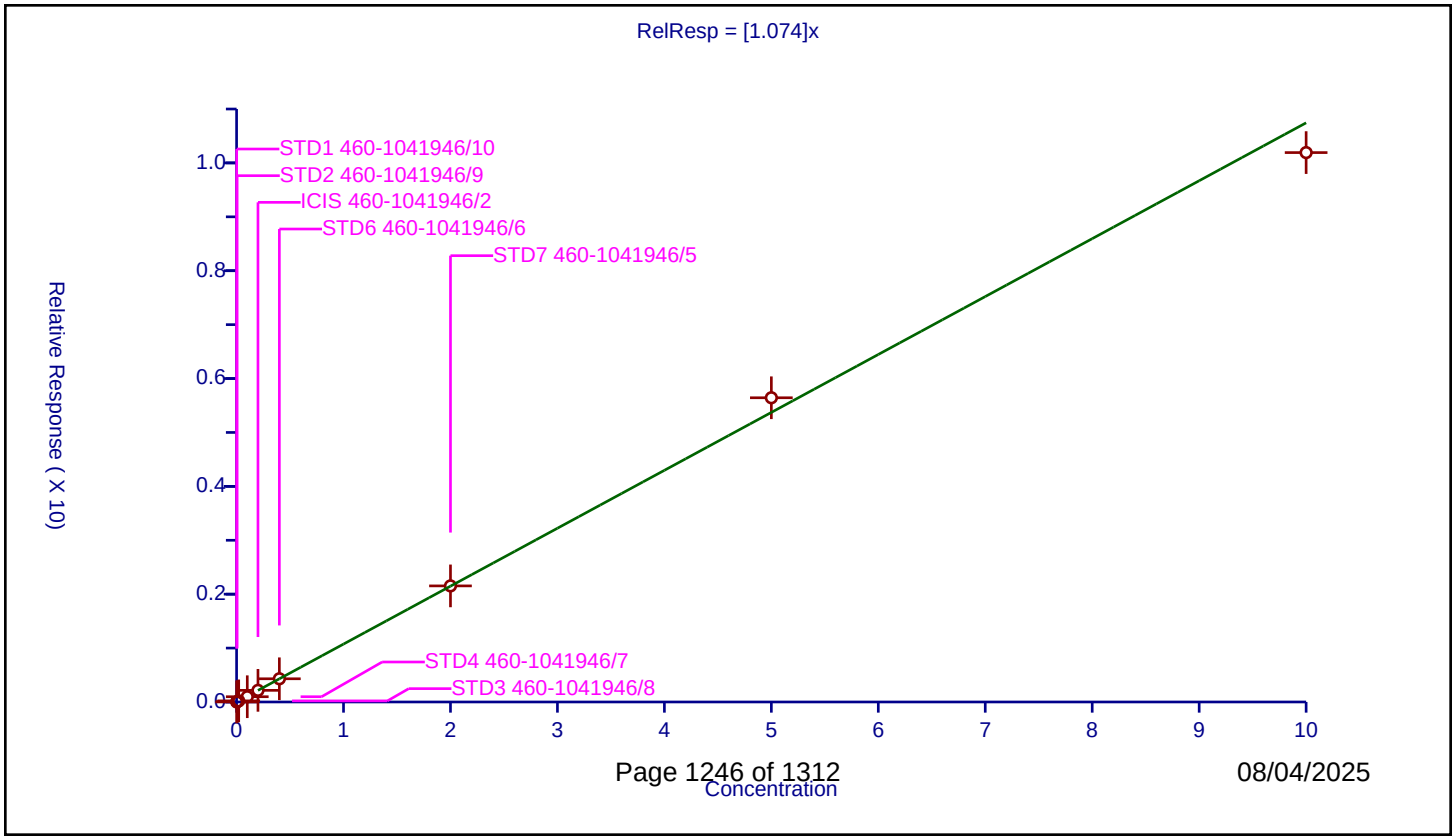
Curve Coefficients

Intercept:	0
Slope:	1.074

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001191	0.2	201124.0	1.191305	Y
2	STD2 460-1041946/9	0.005	0.005505	0.2	196075.0	1.101007	Y
3	STD3 460-1041946/8	0.02	0.020368	0.2	206930.0	1.018412	Y
4	STD4 460-1041946/7	0.1	0.097821	0.2	209013.0	0.978207	Y
5	ICIS 460-1041946/2	0.2	0.21586	0.2	212033.0	1.079299	Y
6	STD6 460-1041946/6	0.4	0.430613	0.2	189701.0	1.076534	Y
7	STD7 460-1041946/5	2.0	2.153519	0.2	157913.0	1.076759	Y
8	STD8 460-1041946/4	5.0	5.643784	0.2	158691.0	1.128757	Y
9	STD9 460-1041946/3	10.0	10.191838	0.2	159755.0	1.019184	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

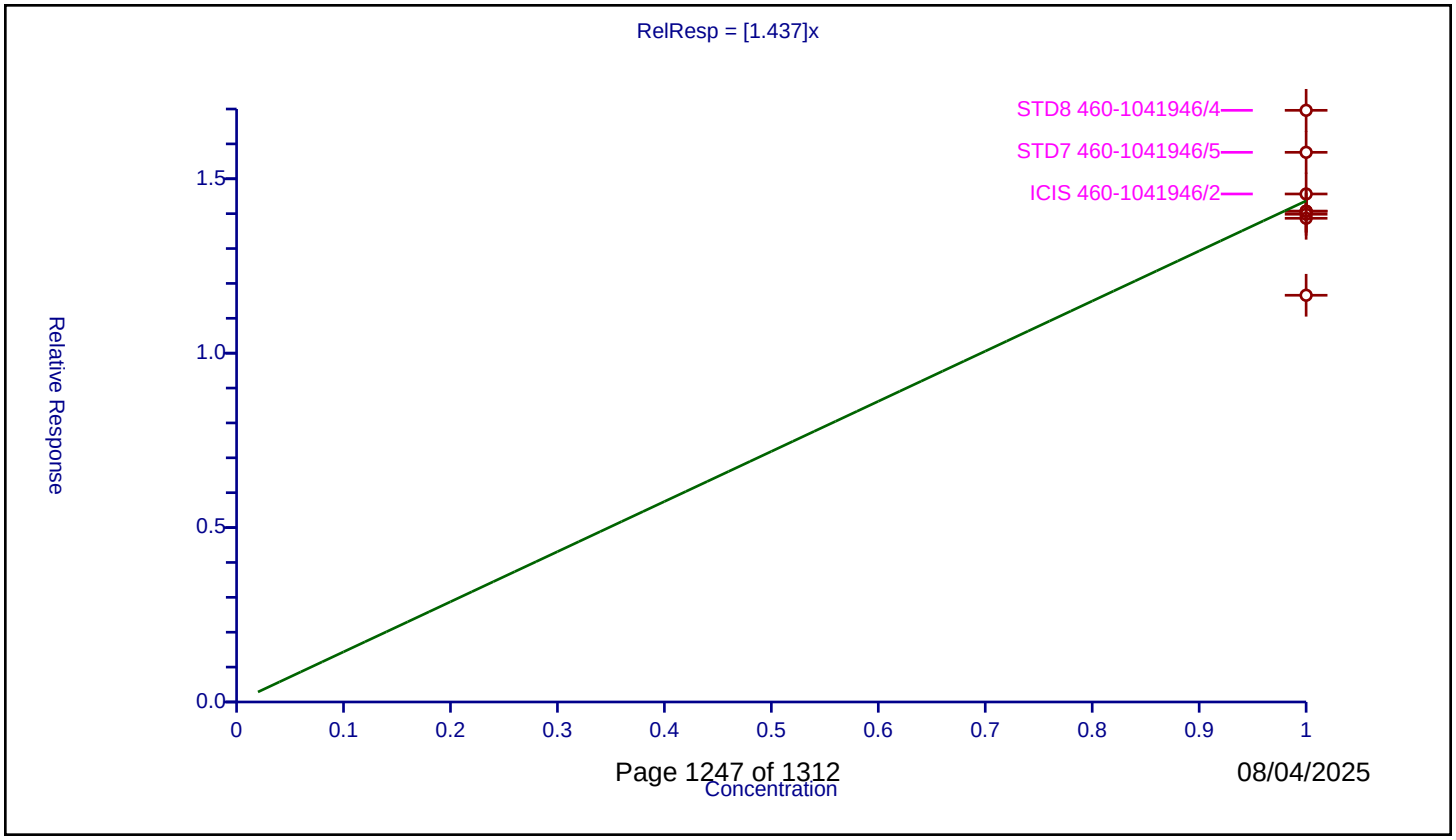
Curve Coefficients

Intercept:	0
Slope:	1.437

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1041946/2	1.0	1.456404	0.2	119095.0	1.456404	Y
2	STD9 460-1041946/3	1.0	1.166037	0.2	91405.0	1.166037	Y
3	STD8 460-1041946/4	1.0	1.696266	0.2	91970.0	1.696266	Y
4	STD7 460-1041946/5	1.0	1.575879	0.2	90361.0	1.575879	Y
5	STD6 460-1041946/6	1.0	1.39826	0.2	107135.0	1.39826	Y
6	STD4 460-1041946/7	1.0	1.406999	0.2	116936.0	1.406999	Y
7	STD3 460-1041946/8	1.0	1.407206	0.2	111017.0	1.407206	Y
8	STD2 460-1041946/9	1.0	1.386729	0.2	107079.0	1.386729	Y



Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

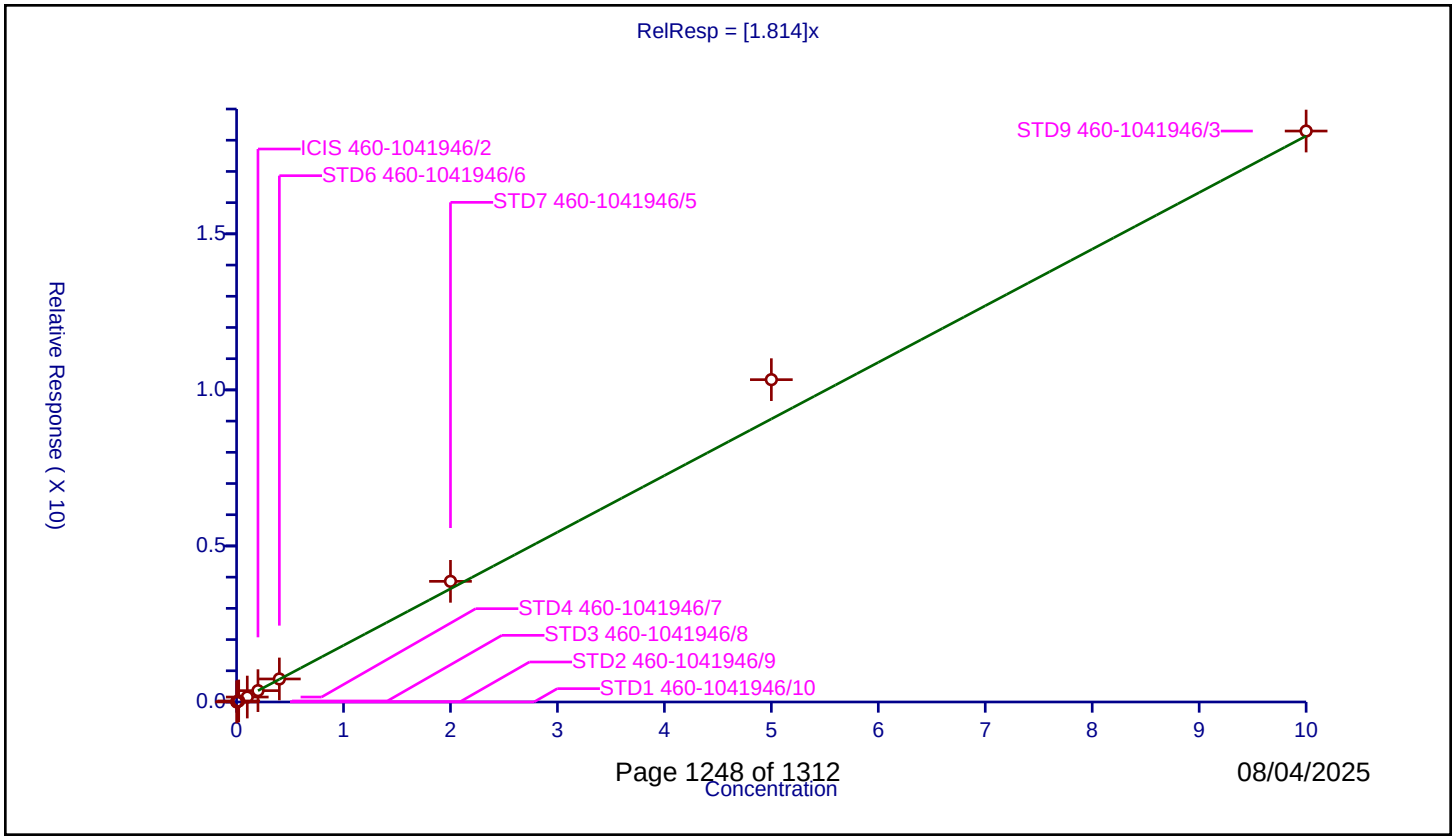
Curve Coefficients

Intercept:	0
Slope:	1.814

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001801	0.2	110961.0	1.800633	Y
2	STD2 460-1041946/9	0.005	0.008978	0.2	107079.0	1.795684	Y
3	STD3 460-1041946/8	0.02	0.033047	0.2	111017.0	1.65236	Y
4	STD4 460-1041946/7	0.1	0.15828	0.2	116936.0	1.582797	Y
5	ICIS 460-1041946/2	0.2	0.363723	0.2	119095.0	1.818615	Y
6	STD6 460-1041946/6	0.4	0.737865	0.2	107135.0	1.844663	Y
7	STD7 460-1041946/5	2.0	3.866336	0.2	90361.0	1.933168	Y
8	STD8 460-1041946/4	5.0	10.328438	0.2	91970.0	2.065688	Y
9	STD9 460-1041946/3	10.0	18.294542	0.2	91405.0	1.829454	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

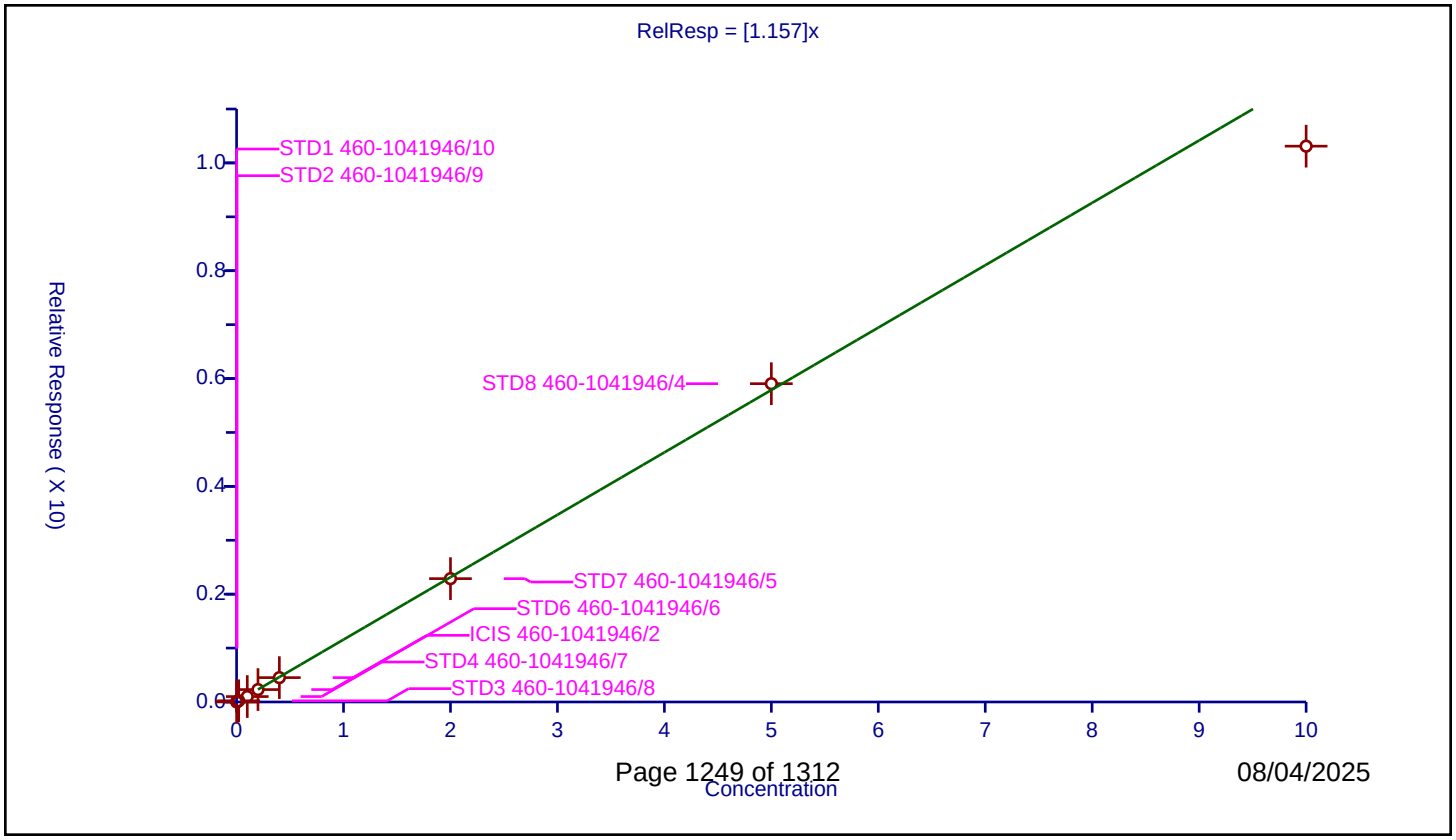
Curve Coefficients

Intercept:	0
Slope:	1.157

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001355	0.2	110961.0	1.355431	Y
2	STD2 460-1041946/9	0.005	0.006547	0.2	107079.0	1.309314	Y
3	STD3 460-1041946/8	0.02	0.022153	0.2	111017.0	1.107668	Y
4	STD4 460-1041946/7	0.1	0.100799	0.2	116936.0	1.007987	Y
5	ICIS 460-1041946/2	0.2	0.230231	0.2	119095.0	1.151157	Y
6	STD6 460-1041946/6	0.4	0.451765	0.2	107135.0	1.129411	Y
7	STD7 460-1041946/5	2.0	2.288392	0.2	90361.0	1.144196	Y
8	STD8 460-1041946/4	5.0	5.904919	0.2	91970.0	1.180984	Y
9	STD9 460-1041946/3	10.0	10.311053	0.2	91405.0	1.031105	Y



Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

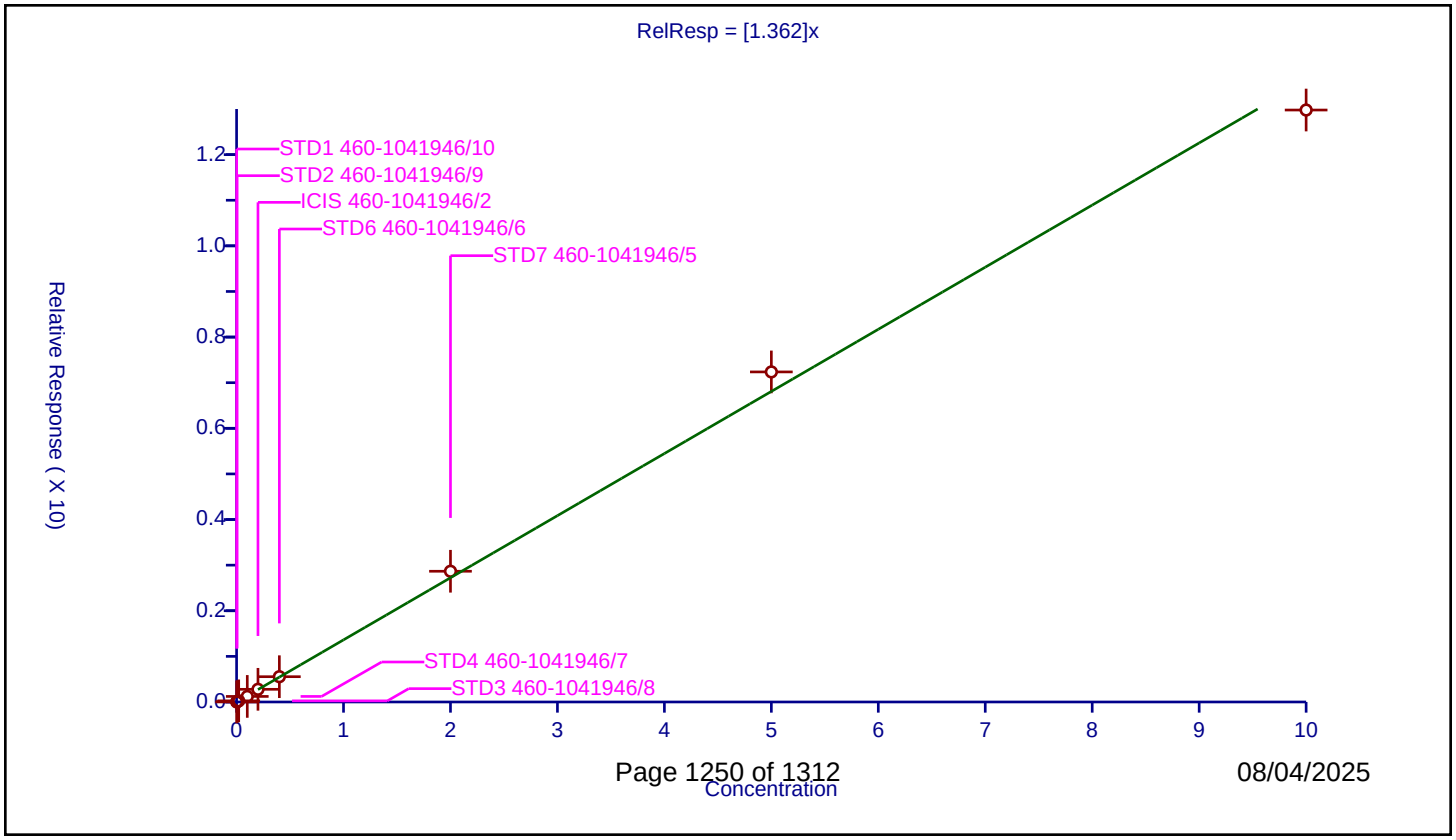
Curve Coefficients

Intercept:	0
Slope:	1.362

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001446	0.2	110961.0	1.445553	Y
2	STD2 460-1041946/9	0.005	0.006972	0.2	107079.0	1.394484	Y
3	STD3 460-1041946/8	0.02	0.024787	0.2	111017.0	1.23936	Y
4	STD4 460-1041946/7	0.1	0.122154	0.2	116936.0	1.22154	Y
5	ICIS 460-1041946/2	0.2	0.27802	0.2	119095.0	1.3901	Y
6	STD6 460-1041946/6	0.4	0.554599	0.2	107135.0	1.386498	Y
7	STD7 460-1041946/5	2.0	2.865902	0.2	90361.0	1.432951	Y
8	STD8 460-1041946/4	5.0	7.236062	0.2	91970.0	1.447212	Y
9	STD9 460-1041946/3	10.0	12.977964	0.2	91405.0	1.297796	Y



Calibration / 4,6-Dinitro-2-methylphenol

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

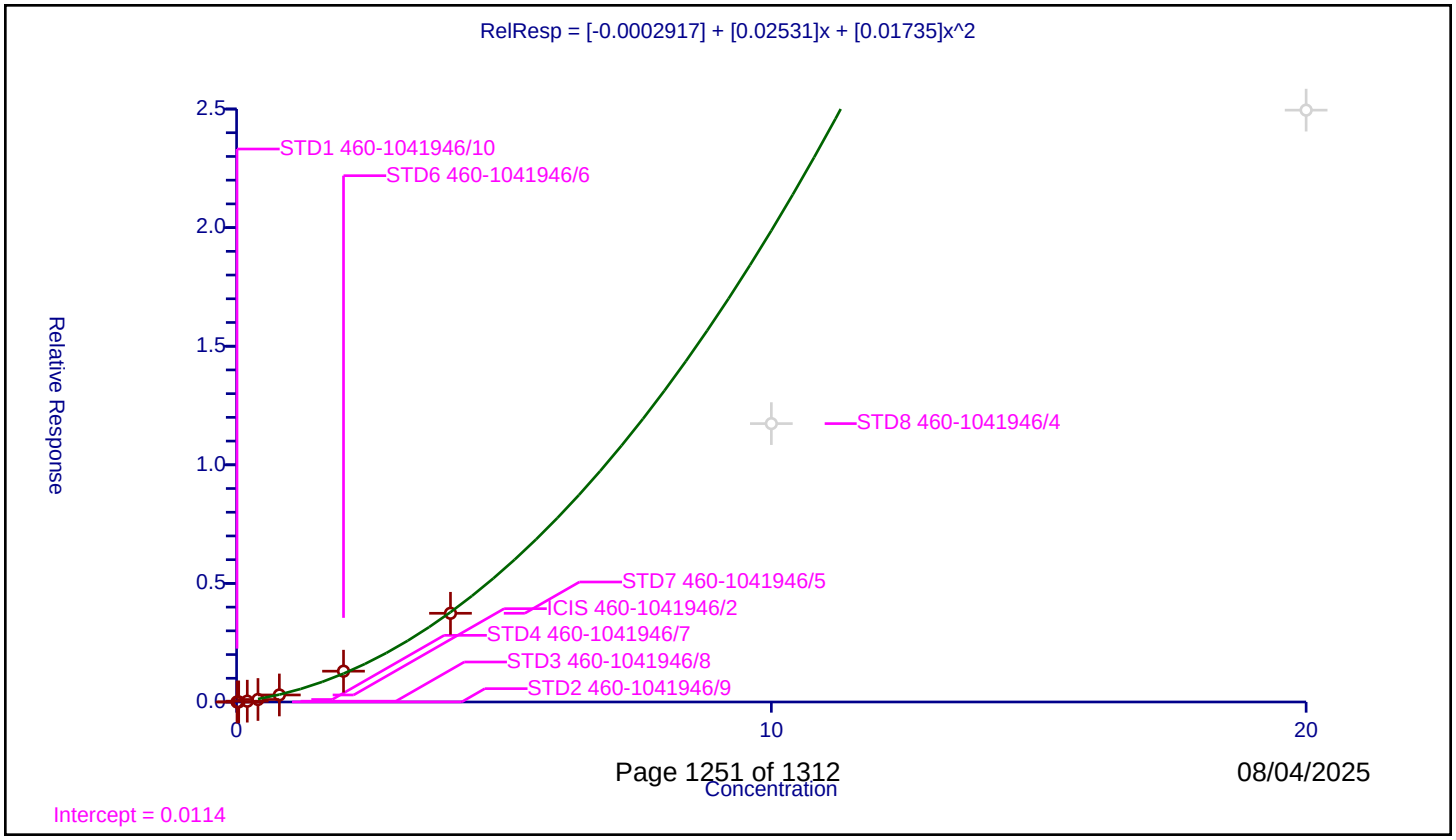
Curve Coefficients

Intercept:	-0.0002917
Slope:	0.02531
Second Order:	0.01735

Error Coefficients

Relative Standard Deviation:	47.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.008	0.000081	0.2	210203.0	0.010109	Y
2	STD2 460-1041946/9	0.04	0.00043	0.2	202069.0	0.010739	Y
3	STD3 460-1041946/8	0.2	0.003432	0.2	210616.0	0.017159	Y
4	STD4 460-1041946/7	0.4	0.010536	0.2	218366.0	0.026339	Y
5	ICIS 460-1041946/2	0.8	0.029637	0.2	231483.0	0.037046	Y
6	STD6 460-1041946/6	2.0	0.129858	0.2	206045.0	0.064929	Y
7	STD7 460-1041946/5	4.0	0.373991	0.2	170402.0	0.093498	Y
8	STD8 460-1041946/4	10.0	1.173702	0.2	166376.0	0.11737	N
9	STD9 460-1041946/3	20.0	2.49524	0.2	163014.0	0.124762	N



Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

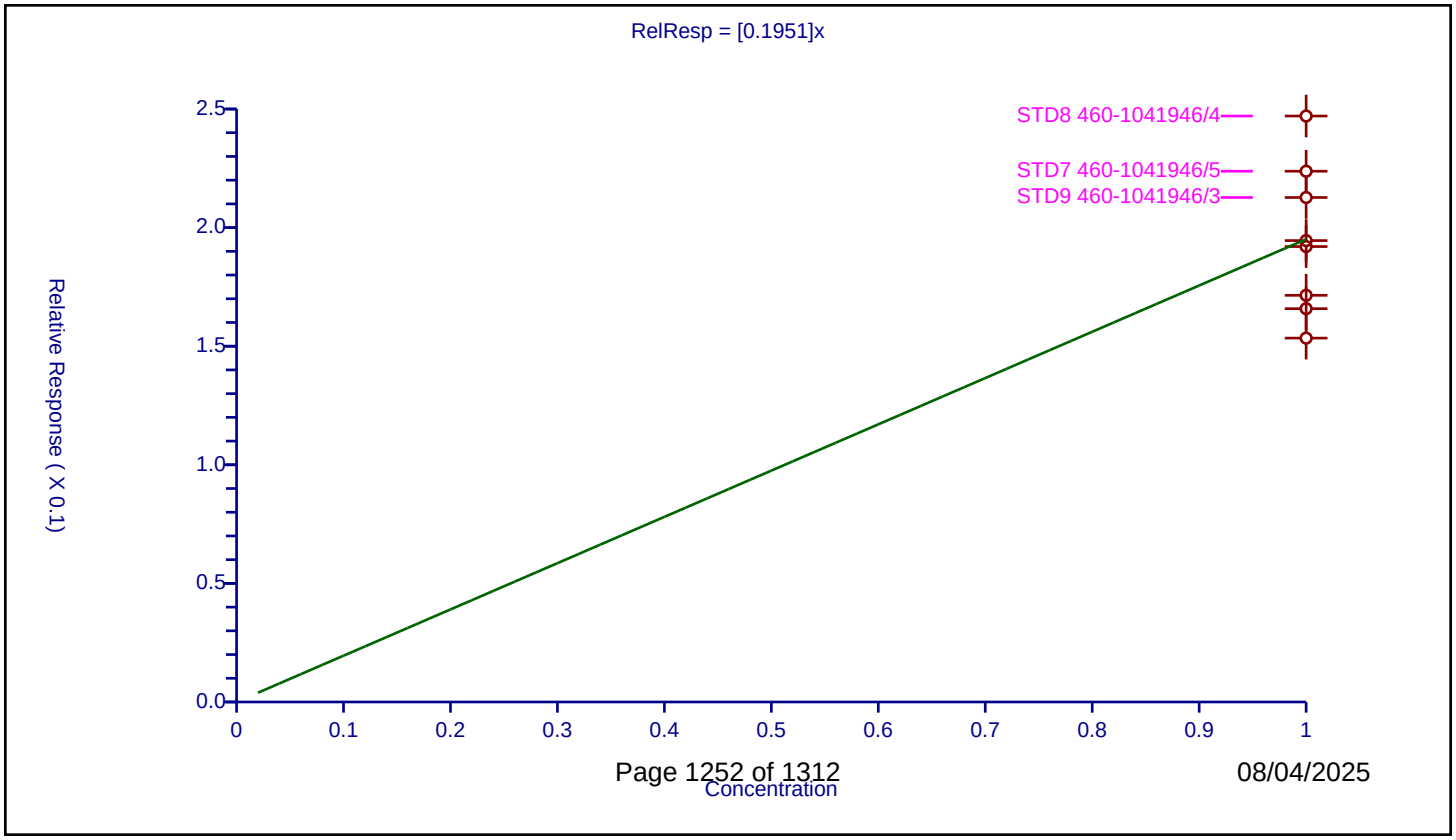
Curve Coefficients

Intercept:	0
Slope:	0.1951

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-1041946/2	1.0	0.192013	0.2	119095.0	0.192013	Y
2	STD9 460-1041946/3	1.0	0.212691	0.2	91405.0	0.212691	Y
3	STD8 460-1041946/4	1.0	0.247046	0.2	91970.0	0.247046	Y
4	STD7 460-1041946/5	1.0	0.223769	0.2	90361.0	0.223769	Y
5	STD6 460-1041946/6	1.0	0.194532	0.2	107135.0	0.194532	Y
6	STD4 460-1041946/7	1.0	0.171456	0.2	116936.0	0.171456	Y
7	STD3 460-1041946/8	1.0	0.16583	0.2	111017.0	0.16583	Y
8	STD2 460-1041946/9	1.0	0.15341	0.2	107079.0	0.15341	Y



Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

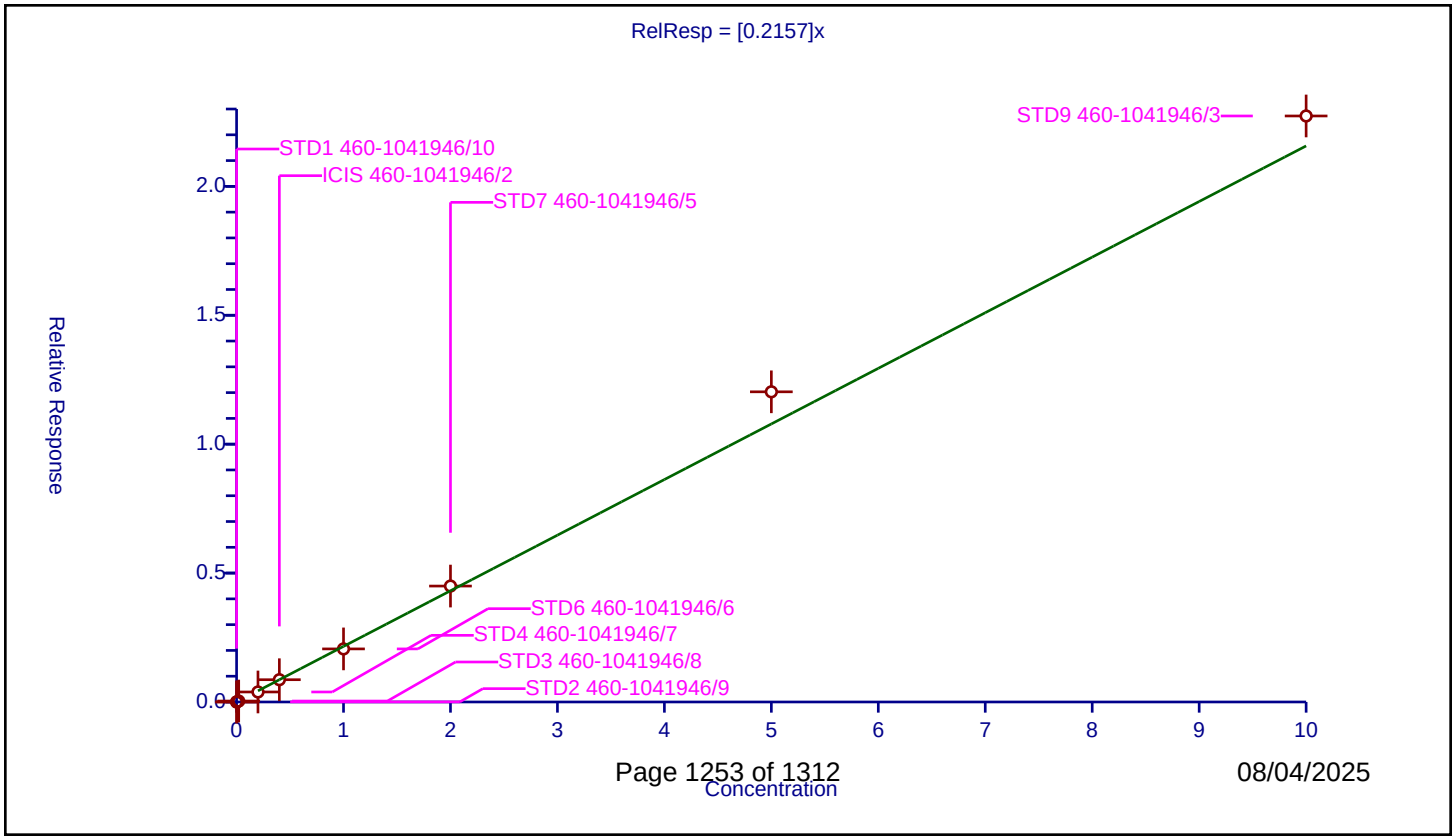
Curve Coefficients

Intercept:	0
Slope:	0.2157

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.0004	0.000096	0.2	210203.0	0.240244	Y
2	STD2 460-1041946/9	0.002	0.000422	0.2	202069.0	0.210819	Y
3	STD3 460-1041946/8	0.02	0.003624	0.2	210616.0	0.181183	Y
4	STD4 460-1041946/7	0.2	0.038839	0.2	218366.0	0.194197	Y
5	ICIS 460-1041946/2	0.4	0.086457	0.2	231483.0	0.216143	Y
6	STD6 460-1041946/6	1.0	0.205871	0.2	206045.0	0.205871	Y
7	STD7 460-1041946/5	2.0	0.449663	0.2	170402.0	0.224831	Y
8	STD8 460-1041946/4	5.0	1.20307	0.2	166376.0	0.240614	Y
9	STD9 460-1041946/3	10.0	2.272977	0.2	163014.0	0.227298	Y



Calibration / Pentachlorophenol

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

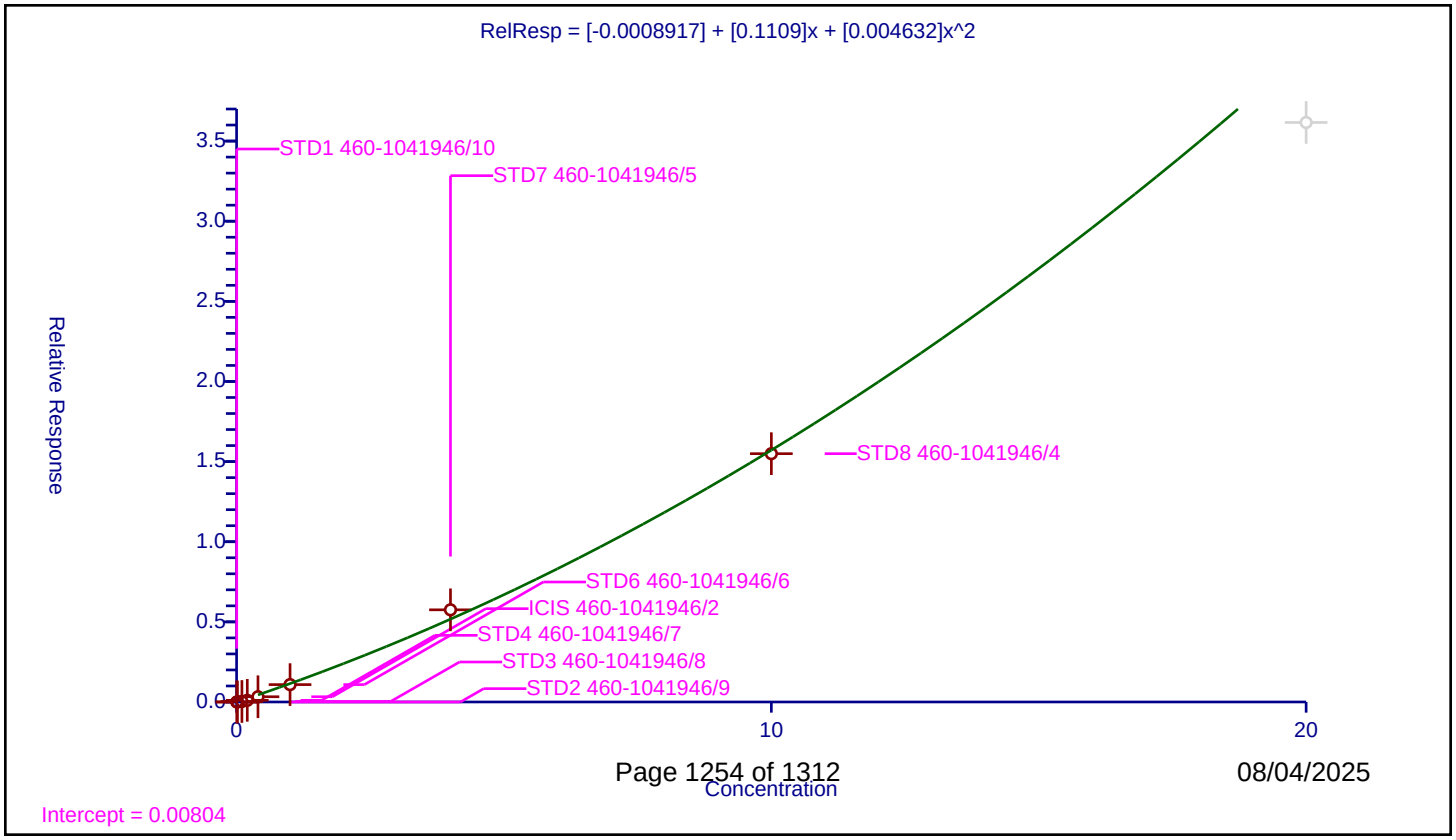
Curve Coefficients

Intercept:	-0.0008917
Slope:	0.1109
Second Order:	0.004632

Error Coefficients

Relative Standard Deviation:	89.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.0032	0.000091	0.2	210203.0	0.028544	Y
2	STD2 460-1041946/9	0.016	0.000156	0.2	202069.0	0.009774	Y
3	STD3 460-1041946/8	0.1	0.003024	0.2	210616.0	0.030235	Y
4	STD4 460-1041946/7	0.2	0.010338	0.2	218366.0	0.051688	Y
5	ICIS 460-1041946/2	0.4	0.032616	0.2	231483.0	0.081539	Y
6	STD6 460-1041946/6	1.0	0.10837	0.2	206045.0	0.10837	Y
7	STD7 460-1041946/5	4.0	0.57507	0.2	170402.0	0.143767	Y
8	STD8 460-1041946/4	10.0	1.549416	0.2	166376.0	0.154942	Y
9	STD9 460-1041946/3	20.0	3.616023	0.2	163014.0	0.180801	N



Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

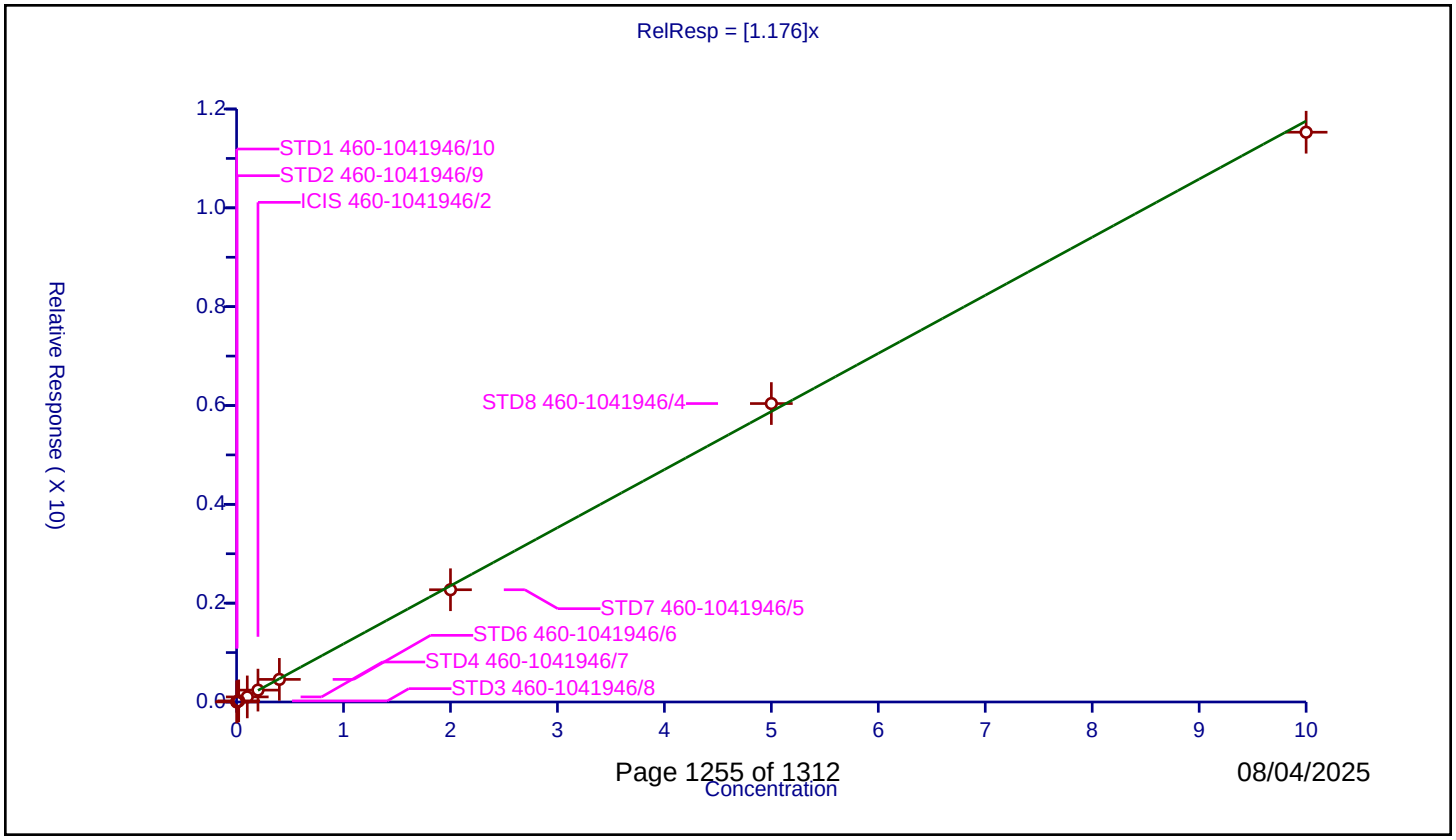
Curve Coefficients

Intercept:	0
Slope:	1.176

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001375	0.2	210203.0	1.374861	Y
2	STD2 460-1041946/9	0.005	0.006079	0.2	202069.0	1.215822	Y
3	STD3 460-1041946/8	0.02	0.022379	0.2	210616.0	1.118956	Y
4	STD4 460-1041946/7	0.1	0.102928	0.2	218366.0	1.029281	Y
5	ICIS 460-1041946/2	0.2	0.240441	0.2	231483.0	1.202205	Y
6	STD6 460-1041946/6	0.4	0.457463	0.2	206045.0	1.143658	Y
7	STD7 460-1041946/5	2.0	2.271727	0.2	170402.0	1.135863	Y
8	STD8 460-1041946/4	5.0	6.039366	0.2	166376.0	1.207873	Y
9	STD9 460-1041946/3	10.0	11.530271	0.2	163014.0	1.153027	Y



08/04/2025

Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

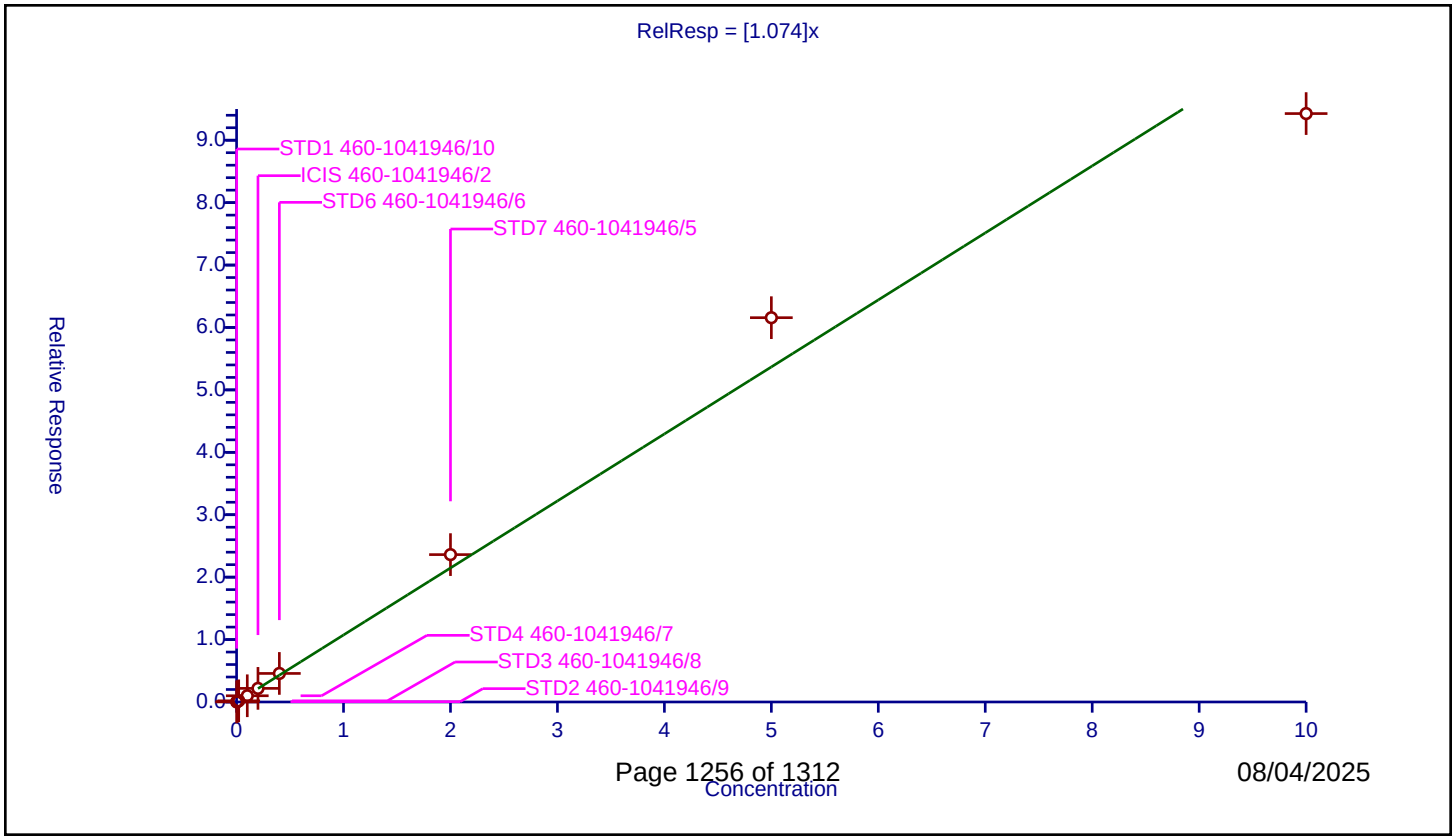
Curve Coefficients

Intercept:	0
Slope:	1.074

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001087	0.2	210203.0	1.086569	Y
2	STD2 460-1041946/9	0.005	0.005263	0.2	202069.0	1.052512	Y
3	STD3 460-1041946/8	0.02	0.018767	0.2	210616.0	0.938343	Y
4	STD4 460-1041946/7	0.1	0.099699	0.2	218366.0	0.996987	Y
5	ICIS 460-1041946/2	0.2	0.218083	0.2	231483.0	1.090413	Y
6	STD6 460-1041946/6	0.4	0.457214	0.2	206045.0	1.143034	Y
7	STD7 460-1041946/5	2.0	2.360861	0.2	170402.0	1.18043	Y
8	STD8 460-1041946/4	5.0	6.156744	0.2	166376.0	1.231349	Y
9	STD9 460-1041946/3	10.0	9.427011	0.2	163014.0	0.942701	Y



Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

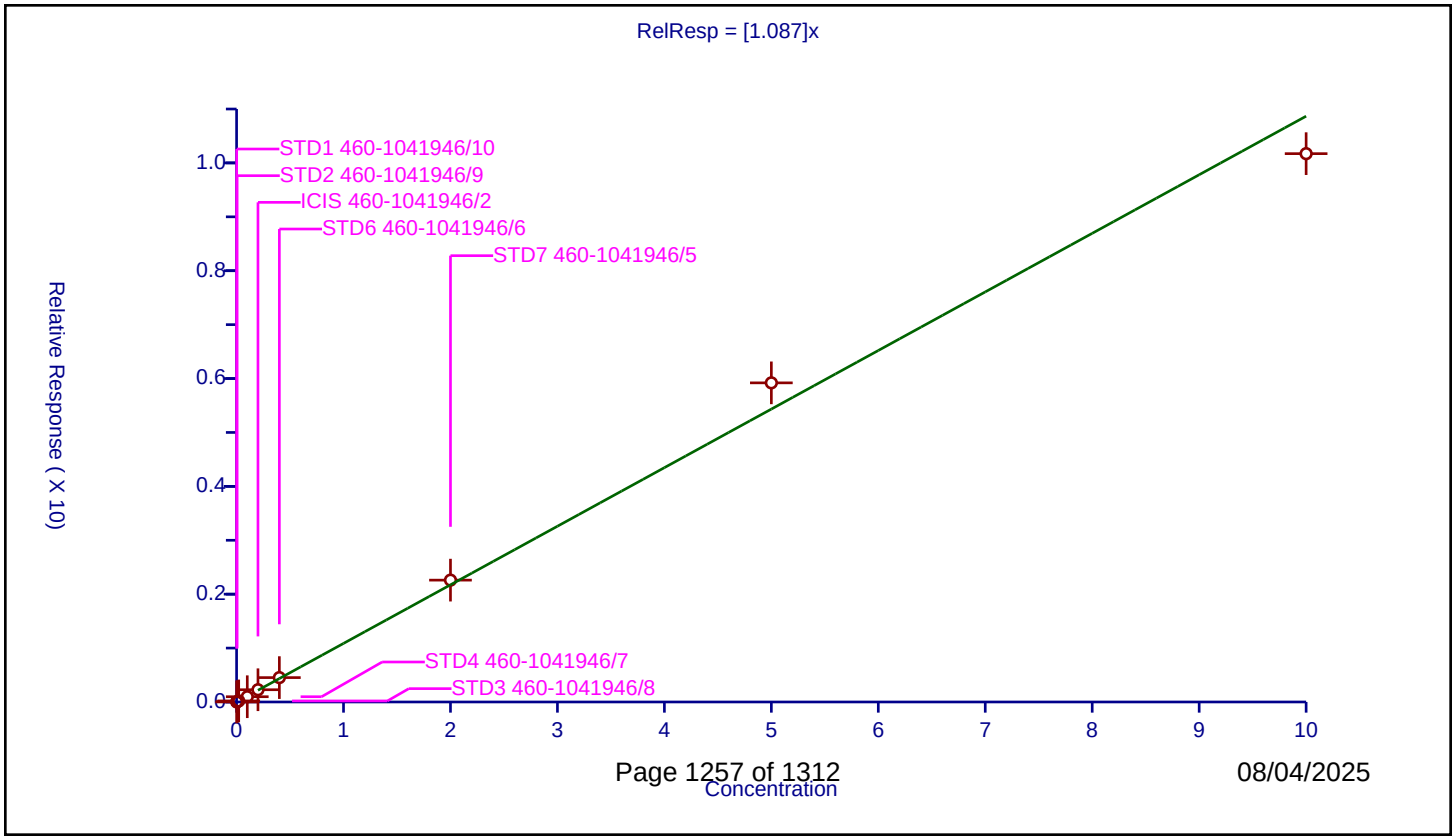
Curve Coefficients

Intercept:	0
Slope:	1.087

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.00113	0.2	210203.0	1.130336	Y
2	STD2 460-1041946/9	0.005	0.005479	0.2	202069.0	1.095863	Y
3	STD3 460-1041946/8	0.02	0.019612	0.2	210616.0	0.9806	Y
4	STD4 460-1041946/7	0.1	0.09759	0.2	218366.0	0.975903	Y
5	ICIS 460-1041946/2	0.2	0.227167	0.2	231483.0	1.135833	Y
6	STD6 460-1041946/6	0.4	0.452223	0.2	206045.0	1.130556	Y
7	STD7 460-1041946/5	2.0	2.260289	0.2	170402.0	1.130145	Y
8	STD8 460-1041946/4	5.0	5.920153	0.2	166376.0	1.184031	Y
9	STD9 460-1041946/3	10.0	10.171837	0.2	163014.0	1.017184	Y



Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

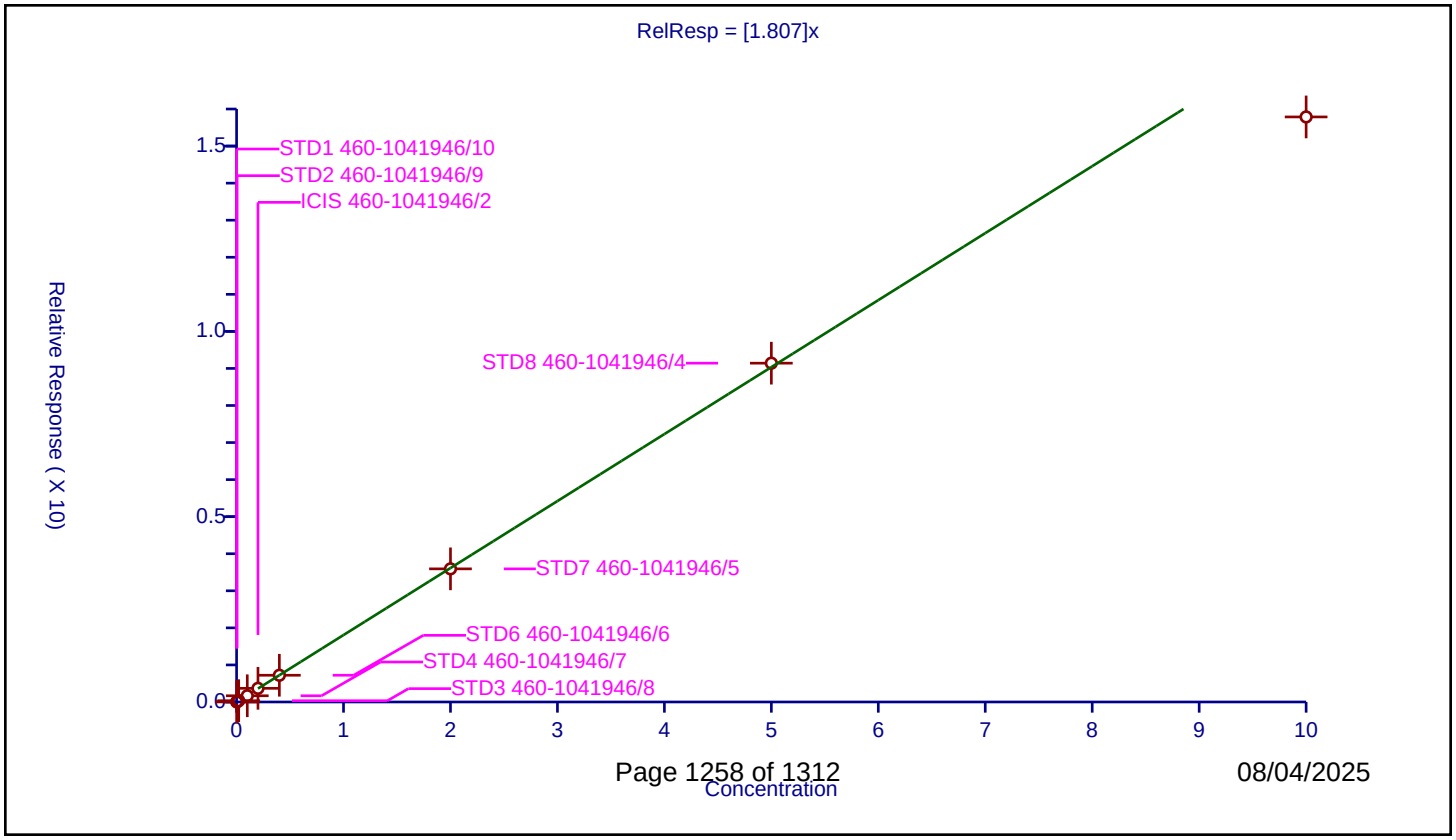
Curve Coefficients

Intercept:	0
Slope:	1.807

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.002047	0.2	115583.0	2.047014	Y
2	STD2 460-1041946/9	0.005	0.009797	0.2	113509.0	1.959316	Y
3	STD3 460-1041946/8	0.02	0.034531	0.2	121113.0	1.726569	Y
4	STD4 460-1041946/7	0.1	0.168217	0.2	129107.0	1.682171	Y
5	ICIS 460-1041946/2	0.2	0.368691	0.2	147142.0	1.843457	Y
6	STD6 460-1041946/6	0.4	0.721169	0.2	133019.0	1.802923	Y
7	STD7 460-1041946/5	2.0	3.592272	0.2	109133.0	1.796136	Y
8	STD8 460-1041946/4	5.0	9.141914	0.2	107564.0	1.828383	Y
9	STD9 460-1041946/3	10.0	15.786566	0.2	107356.0	1.578657	Y



Calibration / Benzo[a]anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

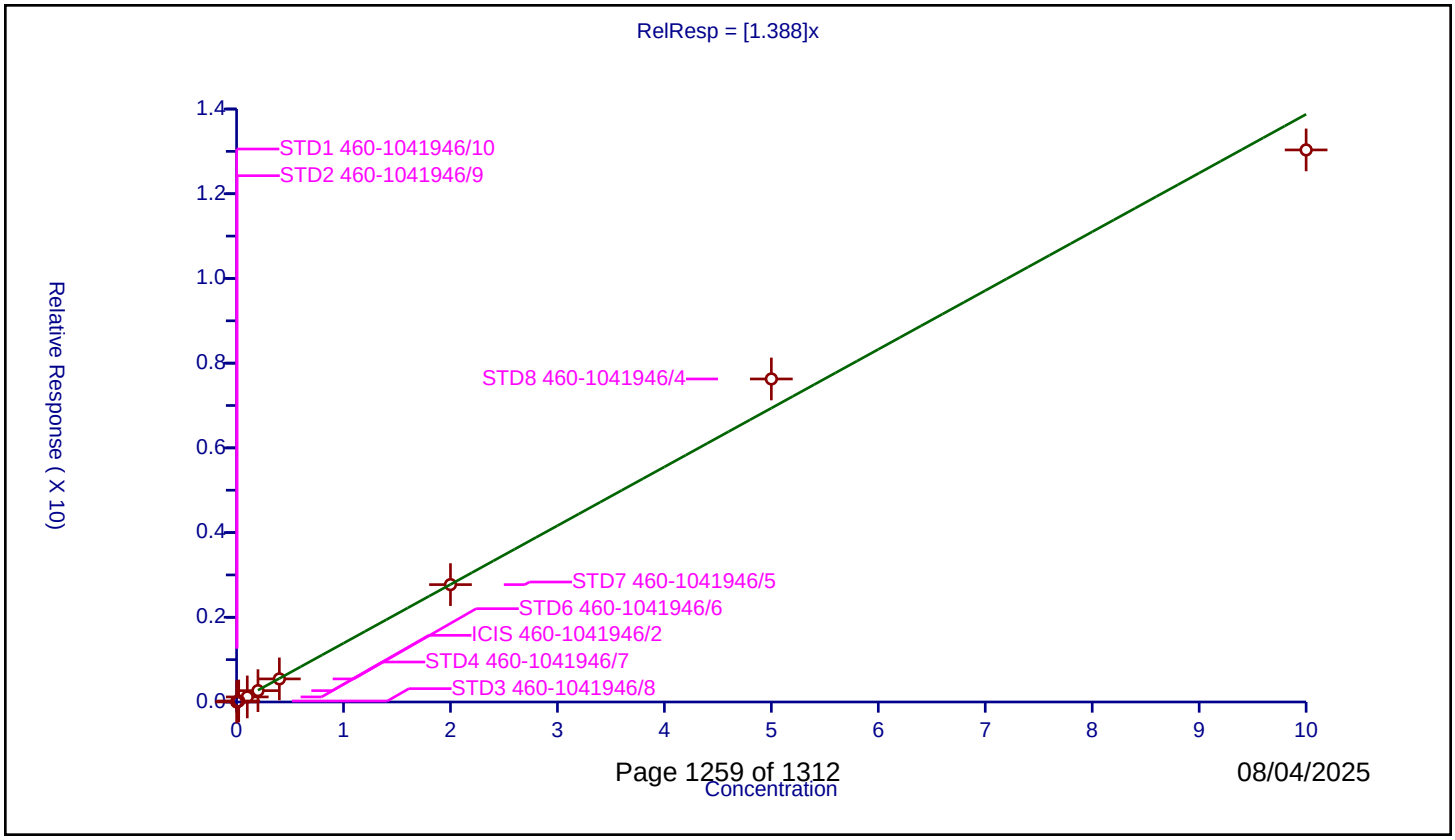
Curve Coefficients

Intercept:	0
Slope:	1.388

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001803	0.2	115583.0	1.803033	Y
2	STD2 460-1041946/9	0.005	0.006955	0.2	113509.0	1.390903	Y
3	STD3 460-1041946/8	0.02	0.023771	0.2	121113.0	1.188559	Y
4	STD4 460-1041946/7	0.1	0.119058	0.2	129107.0	1.190578	Y
5	ICIS 460-1041946/2	0.2	0.26775	0.2	147142.0	1.338748	Y
6	STD6 460-1041946/6	0.4	0.544871	0.2	133019.0	1.362178	Y
7	STD7 460-1041946/5	2.0	2.771385	0.2	109133.0	1.385693	Y
8	STD8 460-1041946/4	5.0	7.626797	0.2	107564.0	1.525359	Y
9	STD9 460-1041946/3	10.0	13.03396	0.2	107356.0	1.303396	Y



Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

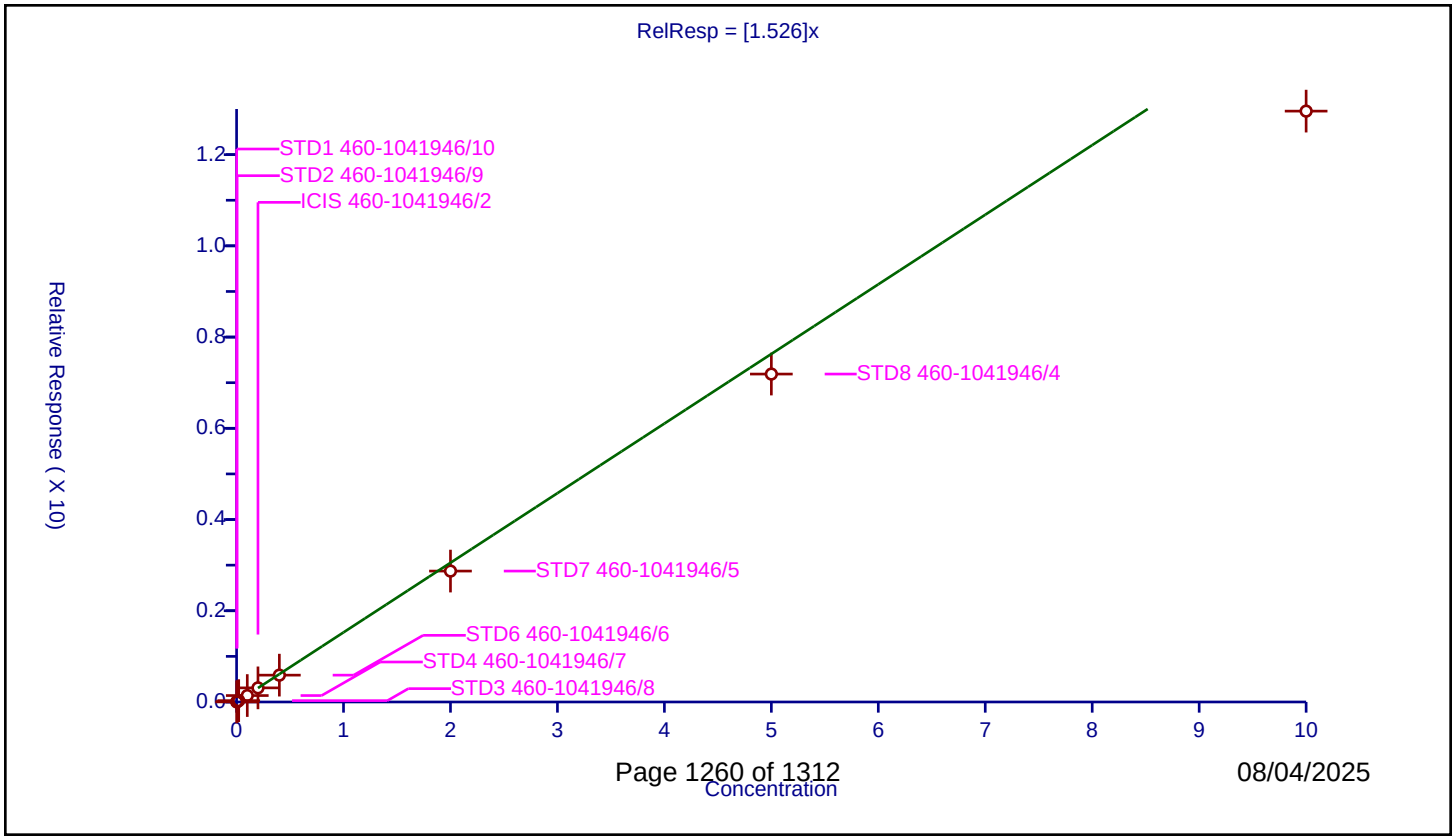
Curve Coefficients

Intercept:	0
Slope:	1.526

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001936	0.2	115583.0	1.936271	Y
2	STD2 460-1041946/9	0.005	0.008658	0.2	113509.0	1.731669	Y
3	STD3 460-1041946/8	0.02	0.029392	0.2	121113.0	1.469619	Y
4	STD4 460-1041946/7	0.1	0.141098	0.2	129107.0	1.410985	Y
5	ICIS 460-1041946/2	0.2	0.309345	0.2	147142.0	1.546724	Y
6	STD6 460-1041946/6	0.4	0.588336	0.2	133019.0	1.470839	Y
7	STD7 460-1041946/5	2.0	2.87001	0.2	109133.0	1.435005	Y
8	STD8 460-1041946/4	5.0	7.189322	0.2	107564.0	1.437864	Y
9	STD9 460-1041946/3	10.0	12.953929	0.2	107356.0	1.295393	Y



Calibration / Benzo[b]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

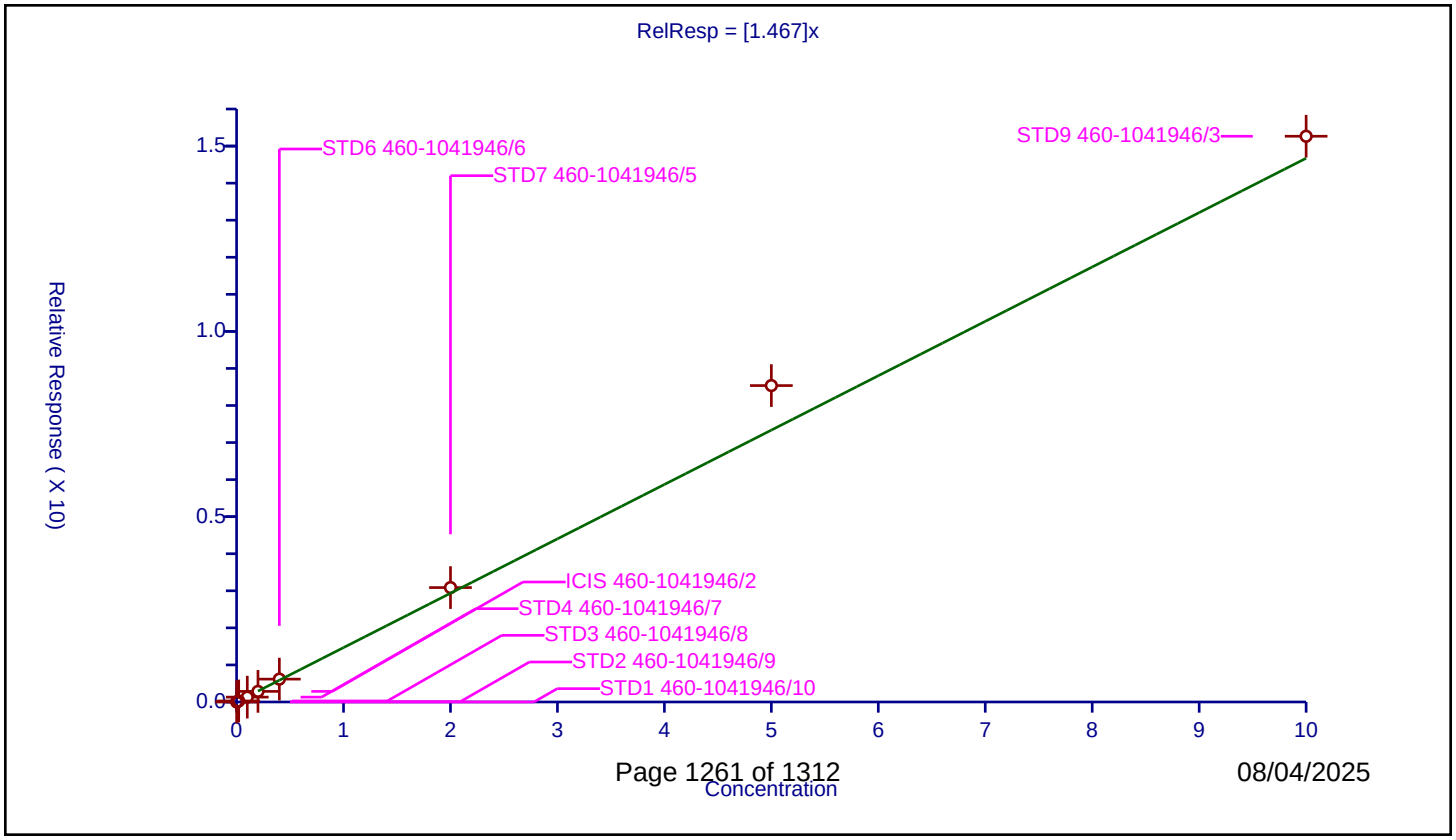
Curve Coefficients

Intercept:	0
Slope:	1.467

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001333	0.2	81016.0	1.33307	Y
2	STD2 460-1041946/9	0.005	0.007123	0.2	82409.0	1.424602	Y
3	STD3 460-1041946/8	0.02	0.027697	0.2	90045.0	1.384863	Y
4	STD4 460-1041946/7	0.1	0.131156	0.2	100168.0	1.311557	Y
5	ICIS 460-1041946/2	0.2	0.285889	0.2	118881.0	1.429446	Y
6	STD6 460-1041946/6	0.4	0.617293	0.2	105291.0	1.543233	Y
7	STD7 460-1041946/5	2.0	3.087096	0.2	85751.0	1.543548	Y
8	STD8 460-1041946/4	5.0	8.537657	0.2	83958.0	1.707531	Y
9	STD9 460-1041946/3	10.0	15.265496	0.2	88378.0	1.52655	Y



Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

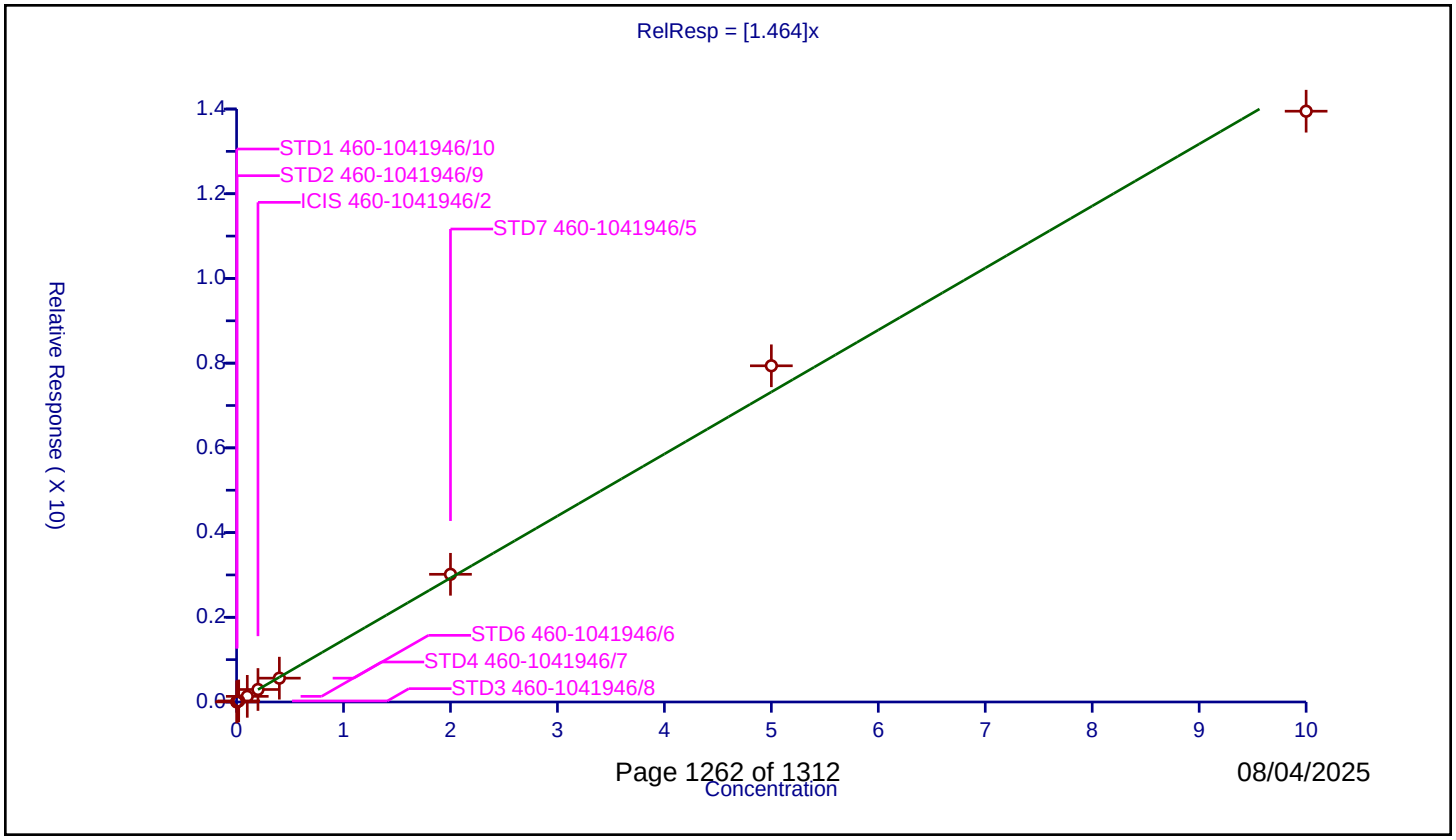
Curve Coefficients

Intercept:	0
Slope:	1.464

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001644	0.2	81016.0	1.64412	Y
2	STD2 460-1041946/9	0.005	0.0079	0.2	82409.0	1.579925	Y
3	STD3 460-1041946/8	0.02	0.024961	0.2	90045.0	1.248043	Y
4	STD4 460-1041946/7	0.1	0.133072	0.2	100168.0	1.330724	Y
5	ICIS 460-1041946/2	0.2	0.295164	0.2	118881.0	1.47582	Y
6	STD6 460-1041946/6	0.4	0.562274	0.2	105291.0	1.405685	Y
7	STD7 460-1041946/5	2.0	3.014759	0.2	85751.0	1.50738	Y
8	STD8 460-1041946/4	5.0	7.937388	0.2	83958.0	1.587478	Y
9	STD9 460-1041946/3	10.0	13.948193	0.2	88378.0	1.394819	Y



Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

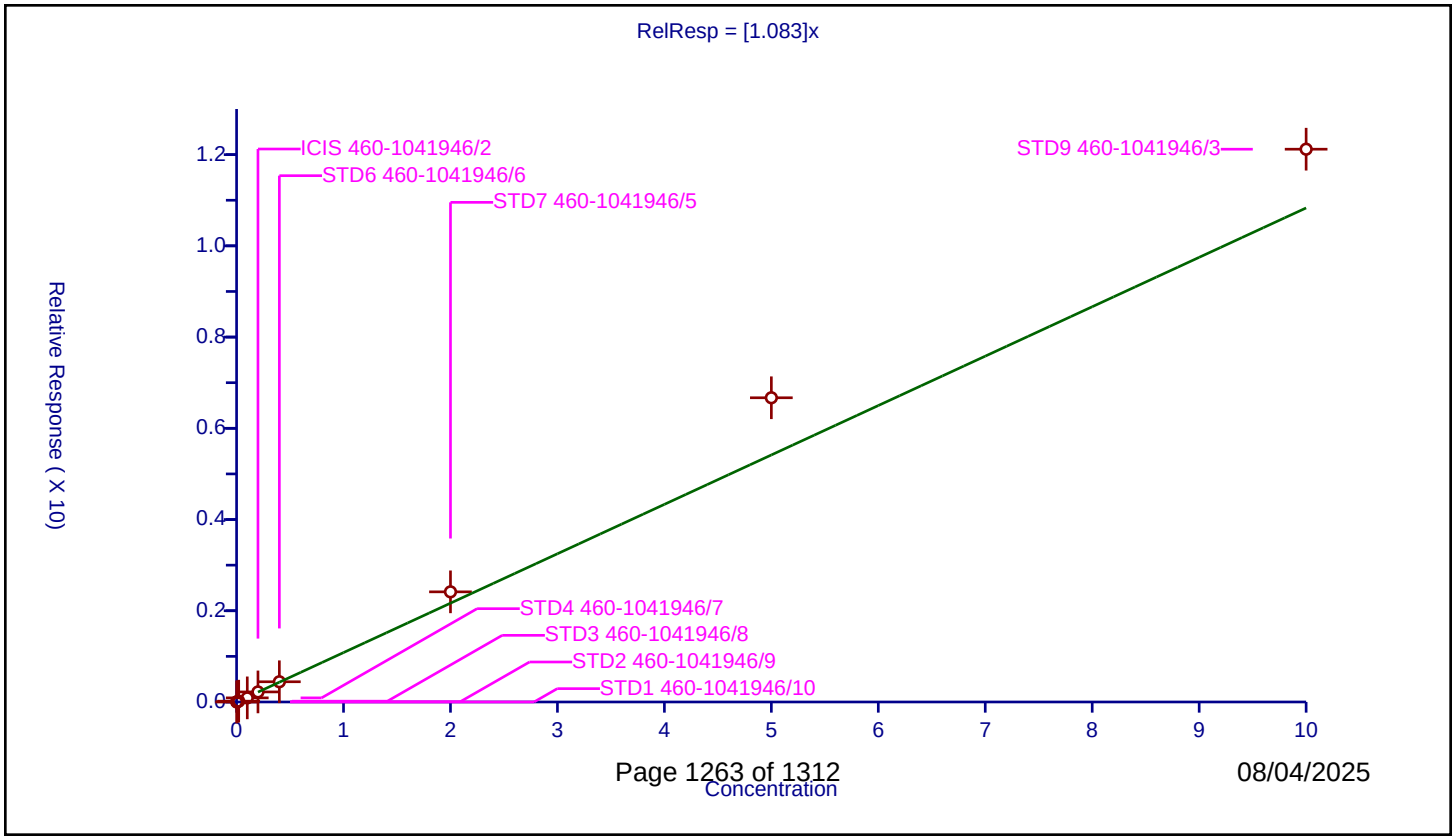
Curve Coefficients

Intercept:	0
Slope:	1.083

Error Coefficients

Relative Standard Deviation:	14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.00099	0.2	81016.0	0.989928	Y
2	STD2 460-1041946/9	0.005	0.005048	0.2	82409.0	1.009598	Y
3	STD3 460-1041946/8	0.02	0.017609	0.2	90045.0	0.880449	Y
4	STD4 460-1041946/7	0.1	0.090326	0.2	100168.0	0.903263	Y
5	ICIS 460-1041946/2	0.2	0.220696	0.2	118881.0	1.103482	Y
6	STD6 460-1041946/6	0.4	0.443348	0.2	105291.0	1.108371	Y
7	STD7 460-1041946/5	2.0	2.414647	0.2	85751.0	1.207324	Y
8	STD8 460-1041946/4	5.0	6.669401	0.2	83958.0	1.33388	Y
9	STD9 460-1041946/3	10.0	12.118991	0.2	88378.0	1.211899	Y



Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

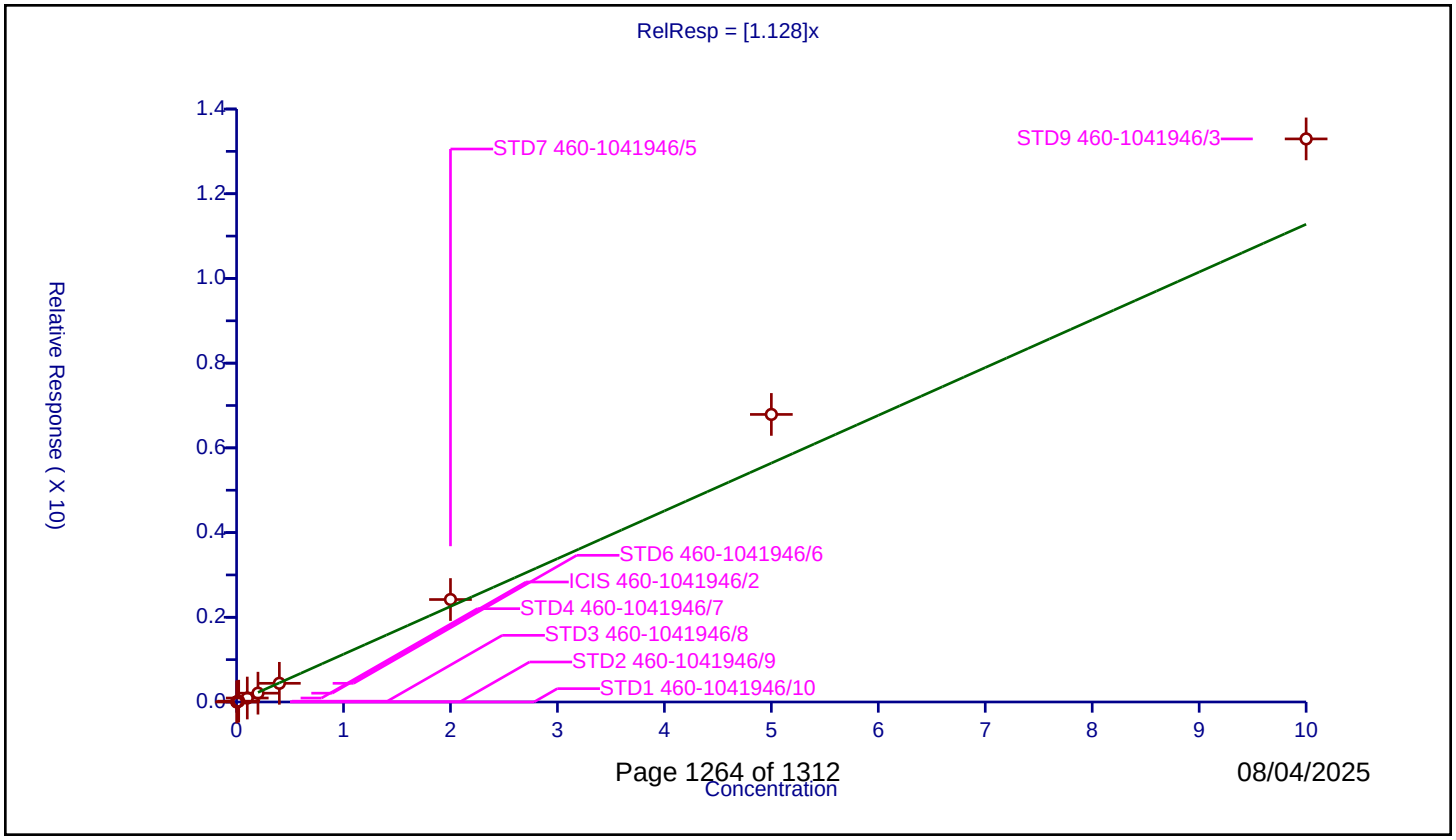
Curve Coefficients

Intercept:	0
Slope:	1.128

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001101	0.2	81016.0	1.101017	Y
2	STD2 460-1041946/9	0.005	0.005616	0.2	82409.0	1.123178	Y
3	STD3 460-1041946/8	0.02	0.01911	0.2	90045.0	0.955522	Y
4	STD4 460-1041946/7	0.1	0.093203	0.2	100168.0	0.932034	Y
5	ICIS 460-1041946/2	0.2	0.208156	0.2	118881.0	1.04078	Y
6	STD6 460-1041946/6	0.4	0.440739	0.2	105291.0	1.101846	Y
7	STD7 460-1041946/5	2.0	2.419123	0.2	85751.0	1.209561	Y
8	STD8 460-1041946/4	5.0	6.789128	0.2	83958.0	1.357826	Y
9	STD9 460-1041946/3	10.0	13.294247	0.2	88378.0	1.329425	Y



Calibration / Dibenz(a,h)anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

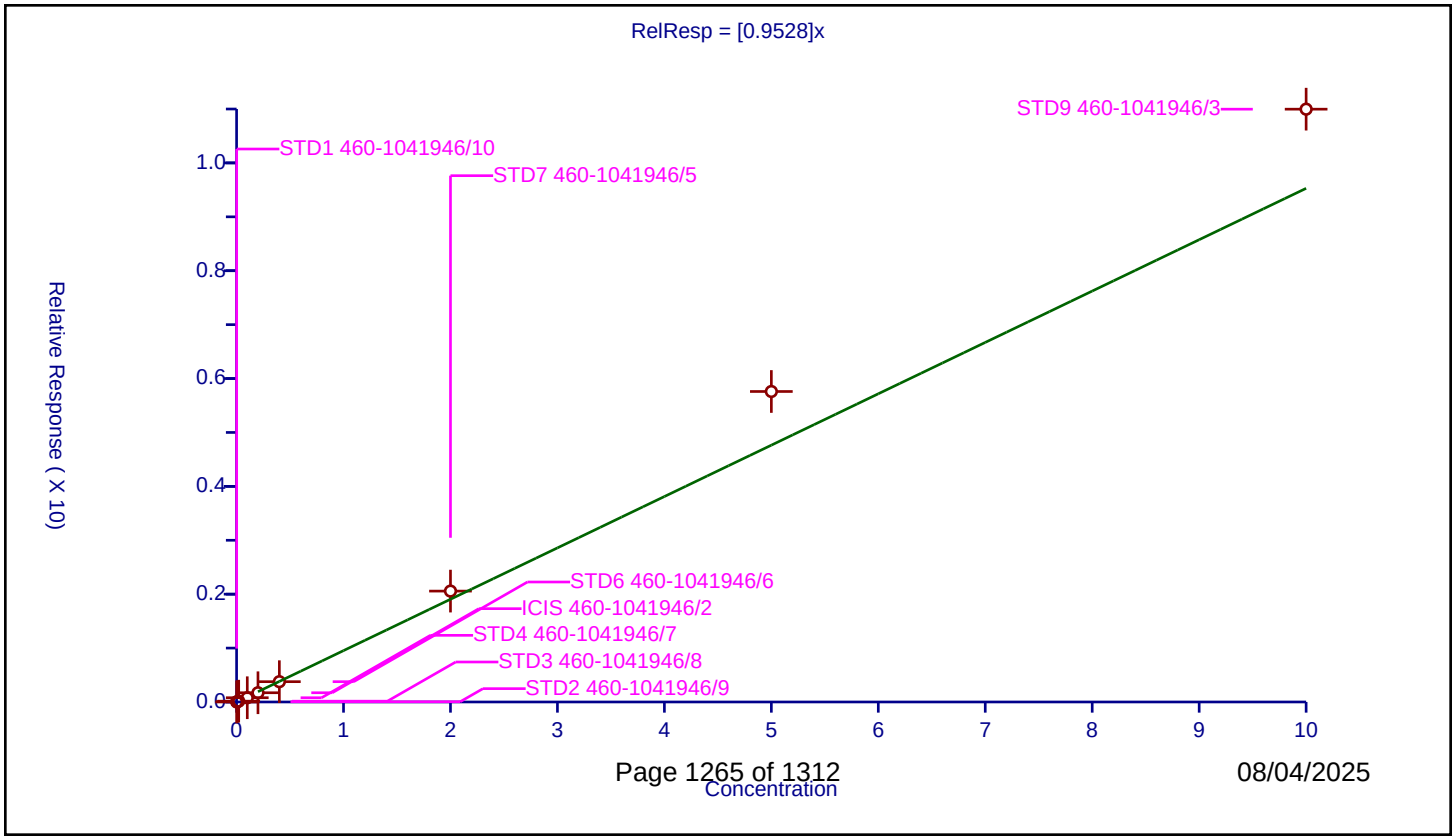
Curve Coefficients

Intercept:	0
Slope:	0.9528

Error Coefficients

Relative Standard Deviation:	14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001012	0.2	81016.0	1.012146	Y
2	STD2 460-1041946/9	0.005	0.004657	0.2	82409.0	0.931452	Y
3	STD3 460-1041946/8	0.02	0.015312	0.2	90045.0	0.765617	Y
4	STD4 460-1041946/7	0.1	0.07876	0.2	100168.0	0.787597	Y
5	ICIS 460-1041946/2	0.2	0.171296	0.2	118881.0	0.856478	Y
6	STD6 460-1041946/6	0.4	0.376771	0.2	105291.0	0.941928	Y
7	STD7 460-1041946/5	2.0	2.057343	0.2	85751.0	1.028671	Y
8	STD8 460-1041946/4	5.0	5.759778	0.2	83958.0	1.151956	Y
9	STD9 460-1041946/3	10.0	10.997135	0.2	88378.0	1.099714	Y



Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

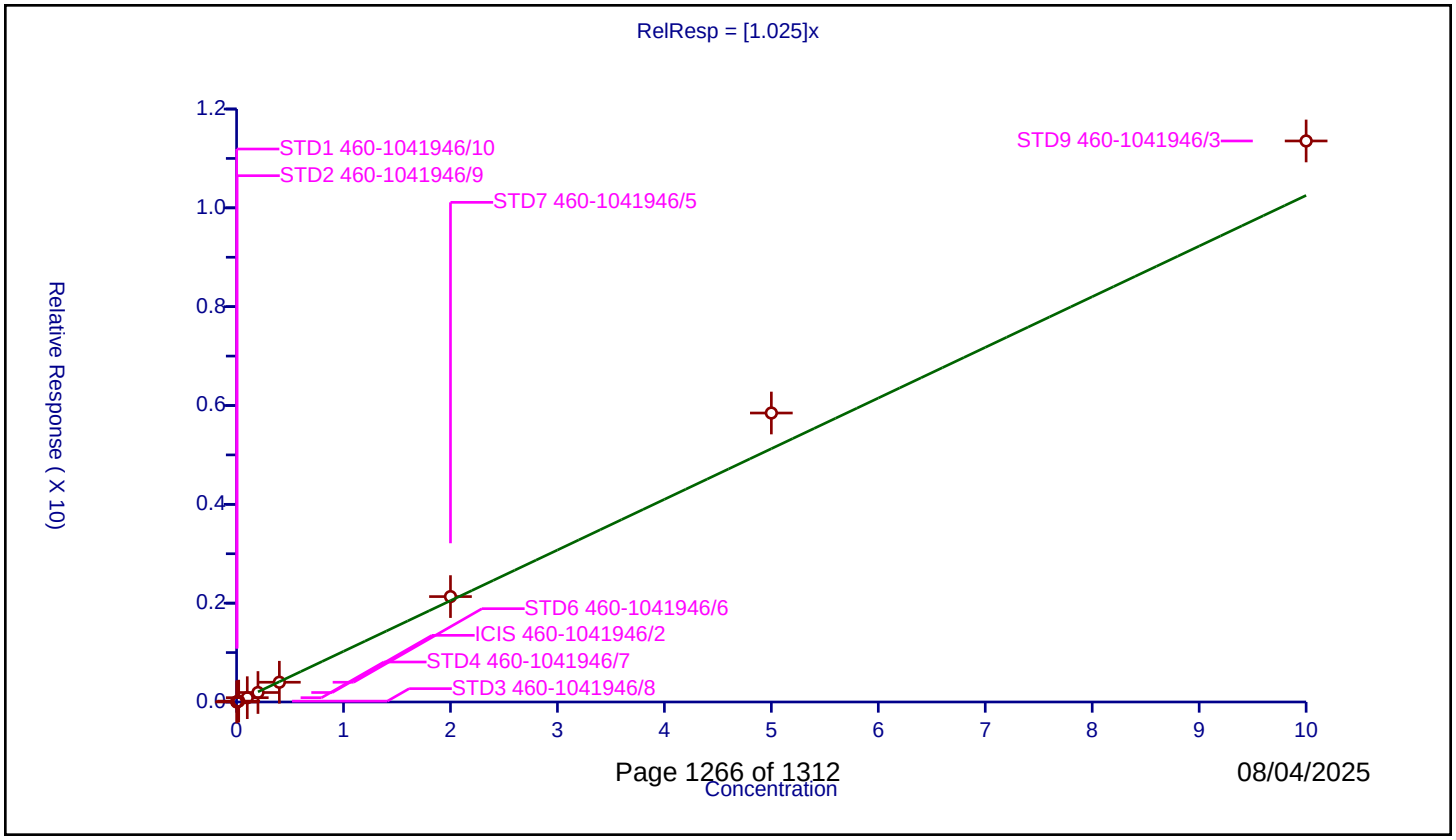
Curve Coefficients

Intercept:	0
Slope:	1.025

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-1041946/10	0.001	0.001099	0.2	81016.0	1.098548	Y
2	STD2 460-1041946/9	0.005	0.00522	0.2	82409.0	1.044061	Y
3	STD3 460-1041946/8	0.02	0.017722	0.2	90045.0	0.886112	Y
4	STD4 460-1041946/7	0.1	0.086882	0.2	100168.0	0.86882	Y
5	ICIS 460-1041946/2	0.2	0.191805	0.2	118881.0	0.959026	Y
6	STD6 460-1041946/6	0.4	0.399362	0.2	105291.0	0.998404	Y
7	STD7 460-1041946/5	2.0	2.132878	0.2	85751.0	1.066439	Y
8	STD8 460-1041946/4	5.0	5.848045	0.2	83958.0	1.169609	Y
9	STD9 460-1041946/3	10.0	11.353396	0.2	88378.0	1.13534	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Lab Sample ID: ICV 460-1041946/11 Calibration Date: 06/06/2025 14:49

Instrument ID: CBNAMS13 Calib Start Date: 06/06/2025 11:38

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 06/06/2025 14:28

Lab File ID: C03301.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4252	0.4613		868	800	8.5	30.0
N-Nitrosodimethylamine	Ave	0.6624	0.7179		433	400	8.4	30.0
Bis(2-chloroethyl)ether	Ave	1.097	1.191	0.7000	434	400	8.5	30.0
Naphthalene	Ave	1.074	1.194	0.7000	222	200	11.1	30.0
Acenaphthylene	Ave	1.814	1.929	0.6000	213	200	6.4	30.0
Acenaphthene	Ave	1.157	1.220	0.6000	211	200	5.4	30.0
Fluorene	Ave	1.362	1.523	0.9000	224	200	11.8	30.0
4,6-Dinitro-2-methylphenol	Qua1		0.0460	0.0100	905	800	13.1	30.0
Hexachlorobenzene	Ave	0.2157	0.2282	0.1000	423	400	5.8	30.0
Pentachlorophenol	Qua1		0.0793	0.0500	291	400	-27.3	30.0
Phenanthrene	Ave	1.176	1.219	0.7000	207	200	3.7	30.0
Anthracene	Ave	1.074	1.226	0.7000	228	200	14.2	30.0
Fluoranthene	Ave	1.087	1.198	0.6000	220	200	10.2	30.0
Pyrene	Ave	1.807	2.046	0.6000	226	200	13.2	30.0
Benzo[a]anthracene	Ave	1.388	1.411	0.8000	203	200	1.7	30.0
Chrysene	Ave	1.526	1.684	0.7000	221	200	10.3	30.0
Benzo[b]fluoranthene	Ave	1.467	1.597		218	200	8.9	30.0
Benzo[k]fluoranthene	Ave	1.464	1.591	0.7000	217	200	8.7	30.0
Benzo[a]pyrene	Ave	1.083	1.181	0.7000	218	200	9.0	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.128	1.109	0.5000	197	200	-1.7	30.0
Dibenz(a,h)anthracene	Ave	0.9528	0.9630	0.4000	202	200	1.1	30.0
Benzo[g,h,i]perylene	Ave	1.025	1.054	0.5000	206	200	2.9	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03301.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 06-Jun-2025 14:49:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191869-011
Operator ID: Instrument ID: CBNAMS13
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 06-Jun-2025 15:40:52 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: G4KC Date: 06-Jun-2025 15:41:05

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.468	1.474	-0.006	96	86521	0.8000	0.8679	M
	2 N-Nitrosodimethylamine	74	1.609	1.619	-0.010	84	67318	0.4000	0.4335	
	3 Bis(2-chloroethyl)ether	93	3.359	3.354	0.005	91	111645	0.4000	0.4341	
*	5 1,4-Dichlorobenzene-d4	152	3.608	3.603	0.005	99	46888	0.2000	0.2000	
*	7 Naphthalene-d8	136	4.875	4.875	0.000	99	180622	0.2000	0.2000	
	8 Naphthalene	128	4.891	4.896	-0.005	100	215648	0.2000	0.2223	
	10 Acenaphthylene	152	6.465	6.465	0.000	100	197073	0.2000	0.2128	
*	11 Acenaphthene-d10	164	6.600	6.601	-0.001	97	102147	0.2000	0.2000	
	12 Acenaphthene	154	6.636	6.637	-0.001	94	124591	0.2000	0.2108	
	13 Fluorene	166	7.142	7.142	0.000	93	155532	0.2000	0.2236	
	14 4,6-Dinitro-2-methylphenol	198	7.223	7.233	-0.010	90	36602	0.8000	0.9048	
	15 Hexachlorobenzene	284	7.684	7.693	-0.009	98	90784	0.4000	0.4233	
	16 Pentachlorophenol	266	7.891	7.892	-0.001	92	31553	0.4000	0.2906	
*	17 Phenanthrene-d10	188	8.045	8.045	0.000	100	198889	0.2000	0.2000	
	18 Phenanthrene	178	8.072	8.072	0.000	97	242470	0.2000	0.2074	
	19 Anthracene	178	8.117	8.117	0.000	99	243901	0.2000	0.2285	
	21 Fluoranthene	202	9.222	9.223	-0.001	95	238260	0.2000	0.2205	
	22 Pyrene	202	9.433	9.434	-0.001	98	243887	0.2000	0.2265	
	24 Benzo[a]anthracene	228	10.626	10.627	-0.001	95	168144	0.2000	0.2033	
*	25 Chrysene-d12	240	10.639	10.640	-0.001	83	119181	0.2000	0.2000	
	26 Chrysene	228	10.666	10.666	0.000	99	200653	0.2000	0.2206	
	27 Benzo[b]fluoranthene	252	11.852	11.859	-0.007	100	145999	0.2000	0.2178	
	28 Benzo[k]fluoranthene	252	11.885	11.892	-0.007	100	145414	0.2000	0.2174	
	29 Benzo[a]pyrene	252	12.248	12.248	0.000	100	107925	0.2000	0.2180	
*	30 Perylene-d12	264	12.320	12.321	-0.001	100	91395	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	13.645	13.645	0.000	88	101364	0.2000	0.1967	
	32 Dibenz(a,h)anthracene	278	13.678	13.678	0.000	93	88012	0.2000	0.2021	
	33 Benzo[g,h,i]perylene	276	13.961	13.962	-0.001	77	96370	0.2000	0.2057	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_SIMICV_LVI_00038 Amount Added: 1.00 Units: mL

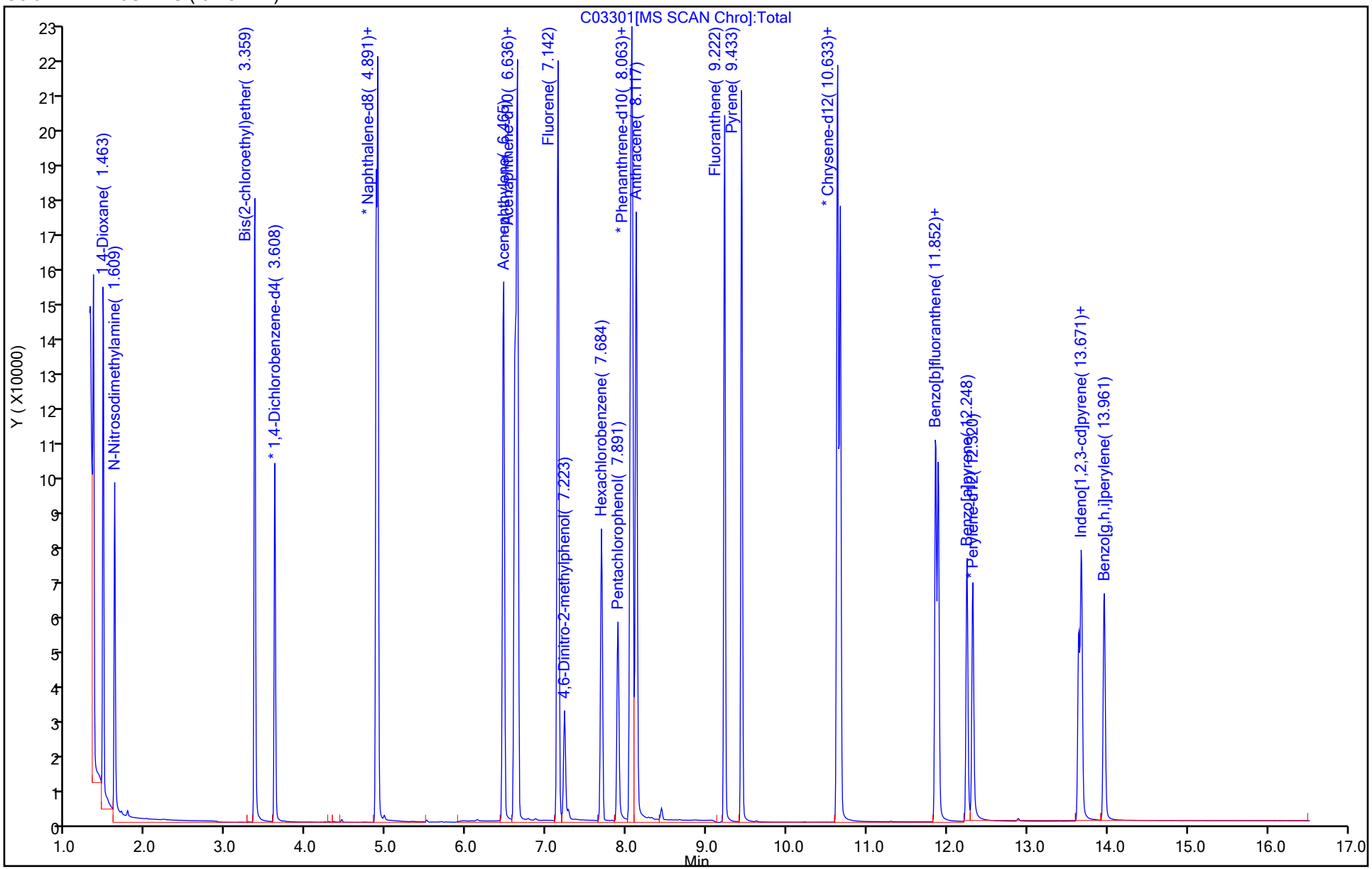
Report Date: 06-Jun-2025 15:41:05 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03301.D

Injection Date:	06-Jun-2025 14:49:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	11
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

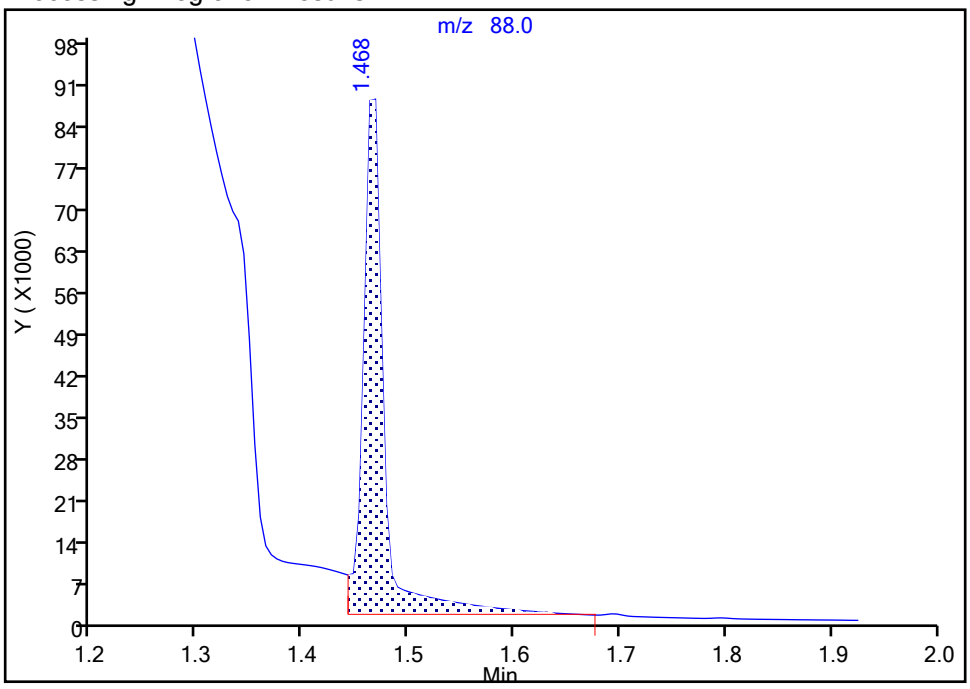
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03301.D
Injection Date: 06-Jun-2025 14:49:30 Instrument ID: CBNAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

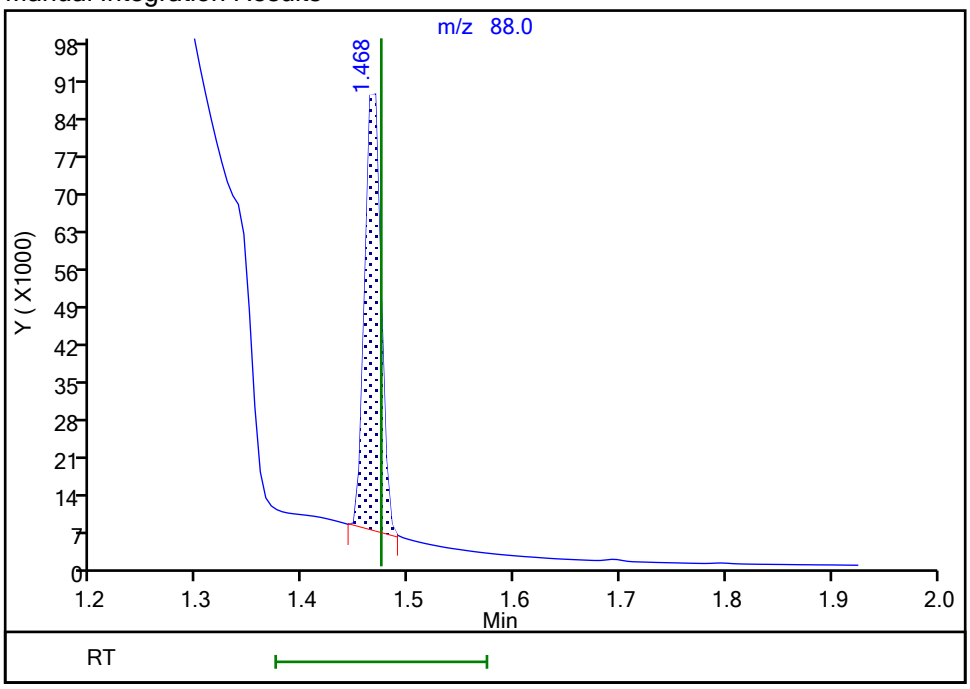
Processing Integration Results

RT: 1.47
Area: 120144
Amount: 0
Amount Units: ug/ml



Manual Integration Results

RT: 1.47
Area: 86521
Amount: 0.867924
Amount Units: ug/ml



Reviewer: G4KC, 06-Jun-2025 15:17:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Lab Sample ID: CCVIS 460-1053368/2 | Calibration Date: 08/01/2025 18:36

Instrument ID: CBNAMS13 | Calib Start Date: 06/06/2025 11:38

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 06/06/2025 14:28

Lab File ID: C04801.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4252	0.3621		681	800	-14.8	20.0
N-Nitrosodimethylamine	Ave	0.6624	0.5673		343	400	-14.4	20.0
Bis(2-chloroethyl)ether	Ave	1.097	0.9767	0.7000	356	400	-11.0	20.0
Naphthalene	Ave	1.074	1.065	0.7000	198	200	-0.9	20.0
Acenaphthylene	Ave	1.814	1.894	0.6000	209	200	4.4	20.0
Acenaphthene	Ave	1.157	1.106	0.6000	191	200	-4.4	20.0
Fluorene	Ave	1.362	1.332	0.9000	196	200	-2.2	20.0
4,6-Dinitro-2-methylphenol	Qua1		0.0723	0.0100	1240	800	55.2*	20.0
Hexachlorobenzene	Ave	0.2157	0.2504	0.1000	464	400	16.1	20.0
Pentachlorophenol	Qua1		0.1064	0.0500	386	400	-3.6	20.0
Phenanthrene	Ave	1.176	1.116	0.7000	190	200	-5.1	20.0
Anthracene	Ave	1.074	1.158	0.7000	216	200	7.9	20.0
Fluoranthene	Ave	1.087	1.175	0.6000	216	200	8.1	20.0
Pyrene	Ave	1.807	1.721	0.6000	190	200	-4.8	20.0
Benzo[a]anthracene	Ave	1.388	1.471	0.8000	212	200	6.0	20.0
Chrysene	Ave	1.526	1.491	0.7000	195	200	-2.3	20.0
Benzo[b]fluoranthene	Ave	1.467	1.467		200	200	0.0	20.0
Benzo[k]fluoranthene	Ave	1.464	1.396	0.7000	191	200	-4.6	20.0
Benzo[a]pyrene	Ave	1.083	1.140	0.7000	210	200	5.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.128	1.026	0.5000	182	200	-9.0	20.0
Dibenz(a,h)anthracene	Ave	0.9528	0.9338	0.4000	196	200	-2.0	20.0
Benzo[g,h,i]perylene	Ave	1.025	1.024	0.5000	200	200	-0.1	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3133	0.2735		873	1000	-12.7	20.0
2-Fluorobiphenyl	Ave	1.437	1.446		1010	1000	0.6	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04801.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Aug-2025 18:36:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-002
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-SIM_BNA13*sub1

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 01-Aug-2025 18:58:48 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: U6BX Date: 01-Aug-2025 18:58:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.448	1.448	0.000	97	53234	0.8000	0.6813	M
2 N-Nitrosodimethylamine	74	1.572	1.572	0.000	79	41701	0.4000	0.3426	
3 Bis(2-chloroethyl)ether	93	3.193	3.193	0.000	88	71788	0.4000	0.3561	
* 5 1,4-Dichlorobenzene-d4	152	3.437	3.437	0.000	99	36751	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	3.998	3.998	0.000	96	183421	1.00	0.8730	
* 7 Naphthalene-d8	136	4.704	4.704	0.000	99	134119	0.2000	0.2000	
8 Naphthalene	128	4.725	4.725	0.000	100	142794	0.2000	0.1982	
$ 9 2-Fluorobiphenyl	172	5.793	5.793	0.000	96	555520	1.00	1.01	
10 Acenaphthylene	152	6.290	6.290	0.000	100	145547	0.2000	0.2089	
* 11 Acenaphthene-d10	164	6.434	6.434	0.000	96	76846	0.2000	0.2000	
12 Acenaphthene	154	6.461	6.461	0.000	94	85023	0.2000	0.1912	
13 Fluorene	166	6.967	6.967	0.000	92	102385	0.2000	0.1957	
14 4,6-Dinitro-2-methylphenol	198	7.066	7.066	0.000	86	41688	0.8000	1.24	
$ 20 2,4,6-Tribromophenol	330	7.211	7.211	0.000	93	92362	1.00	1.23	
15 Hexachlorobenzene	284	7.518	7.518	0.000	100	72141	0.4000	0.4643	
16 Pentachlorophenol	266	7.734	7.734	0.000	93	30659	0.4000	0.3856	
* 17 Phenanthrene-d10	188	7.870	7.870	0.000	100	144080	0.2000	0.2000	
18 Phenanthrene	178	7.897	7.897	0.000	97	160755	0.2000	0.1898	
19 Anthracene	178	7.942	7.942	0.000	99	166868	0.2000	0.2158	
21 Fluoranthene	202	9.044	9.044	0.000	95	169304	0.2000	0.2163	
22 Pyrene	202	9.255	9.255	0.000	97	172032	0.2000	0.1905	
$ 23 Terphenyl-d14	244	9.439	9.439	0.000	96	548214	1.00	0.9188	
24 Benzo[a]anthracene	228	10.435	10.435	0.000	95	147021	0.2000	0.2120	
* 25 Chrysene-d12	240	10.448	10.448	0.000	82	99965	0.2000	0.2000	
26 Chrysene	228	10.474	10.474	0.000	99	149088	0.2000	0.1955	
27 Benzo[b]fluoranthene	252	11.628	11.628	0.000	100	136887	0.2000	0.2000	
28 Benzo[k]fluoranthene	252	11.654	11.654	0.000	98	130220	0.2000	0.1907	
29 Benzo[a]pyrene	252	12.003	12.003	0.000	100	106345	0.2000	0.2105	
* 30 Perylene-d12	264	12.076	12.076	0.000	100	93295	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.368	13.368	0.000	88	95764	0.2000	0.1820	M
32 Dibenz(a,h)anthracene	278	13.401	13.401	0.000	93	87116	0.2000	0.1960	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	13.678	13.678	0.000	78	95539	0.2000	0.1998	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

SM_simSlviL5_00021 Amount Added: 1.00 Units: mL

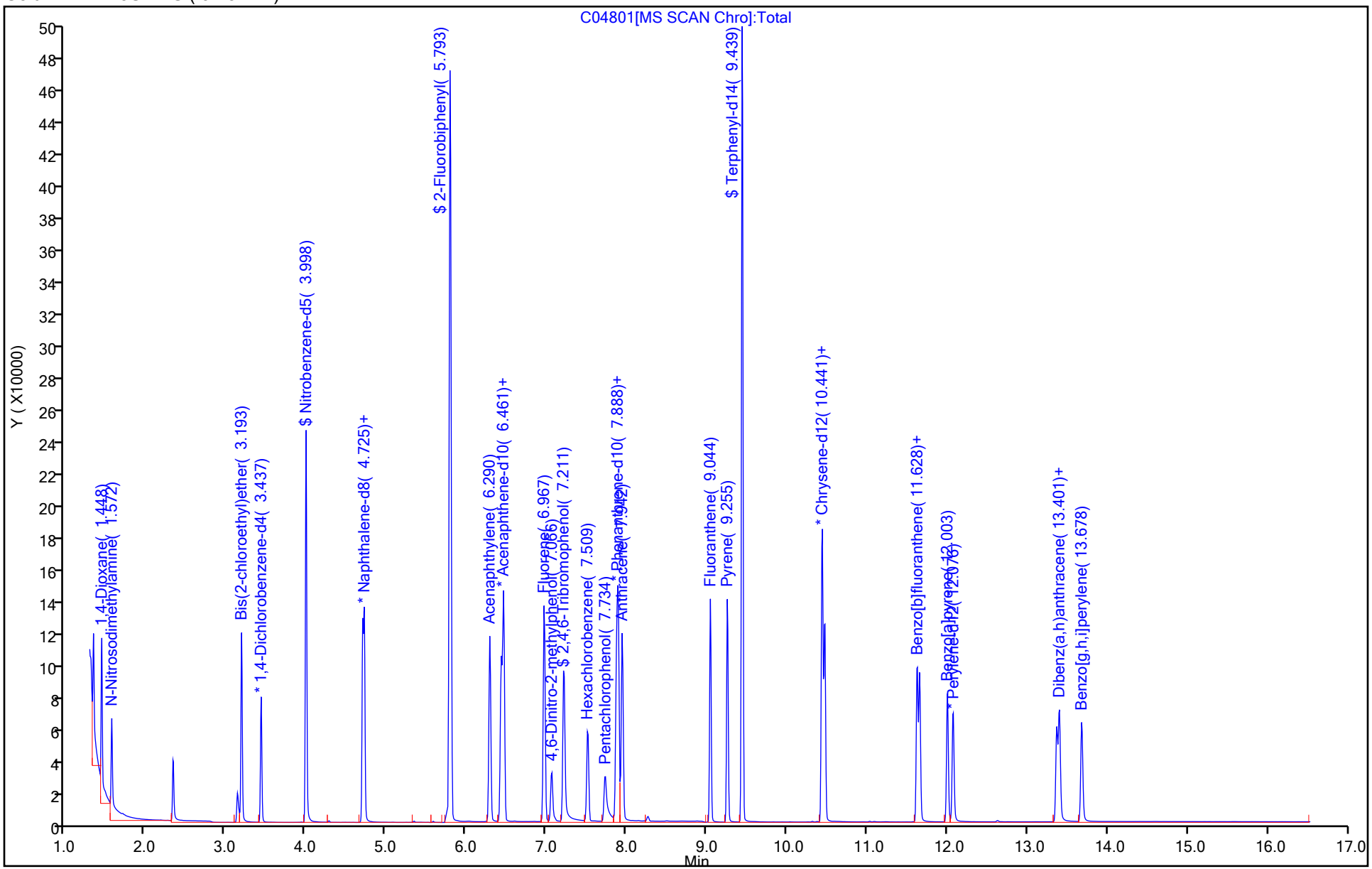
Report Date: 01-Aug-2025 18:58:48 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04801.D

Injection Date:	01-Aug-2025 18:36:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

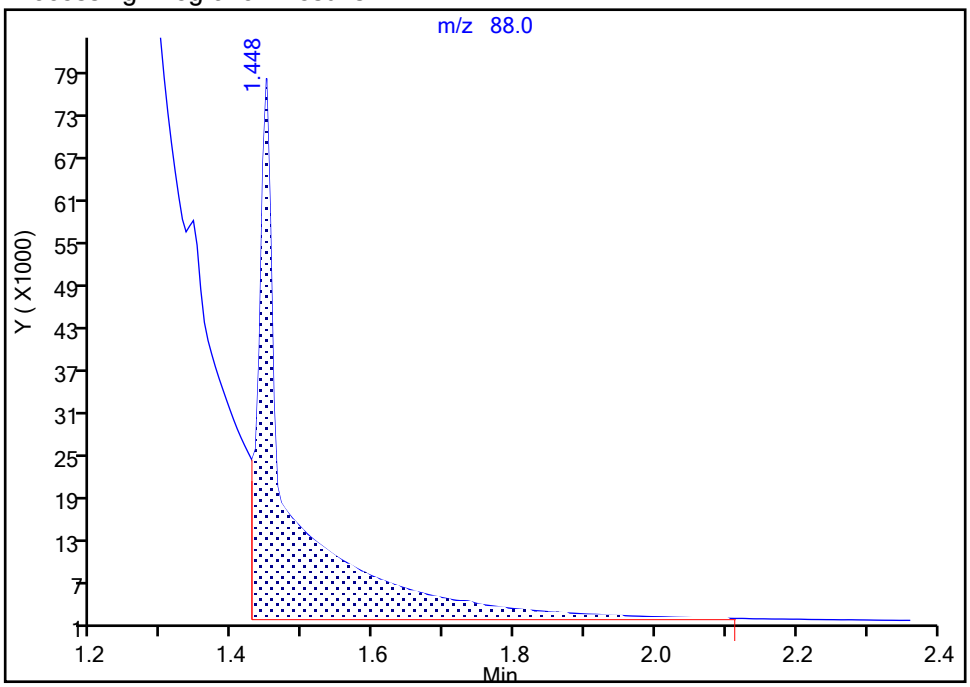
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04801.D
Injection Date: 01-Aug-2025 18:36:30 Instrument ID: CBNAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

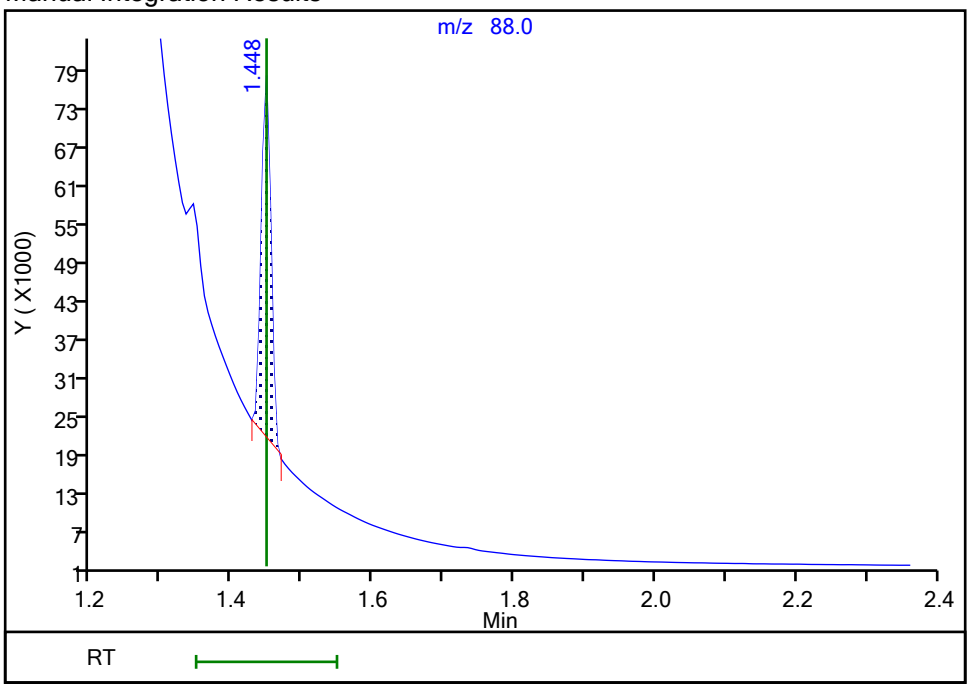
Processing Integration Results

RT: 1.45
Area: 232589
Amount: 2.976748
Amount Units: ug/ml



Manual Integration Results

RT: 1.45
Area: 53234
Amount: 0.681306
Amount Units: ug/ml



Reviewer: U6BX, 01-Aug-2025 18:58:20 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

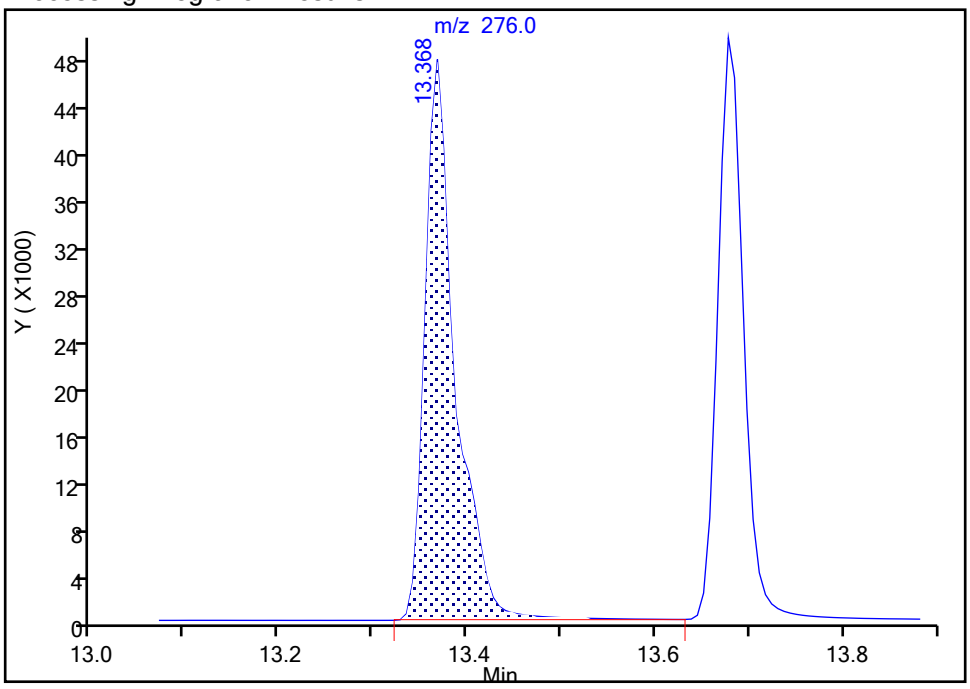
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04801.D
Injection Date: 01-Aug-2025 18:36:30 Instrument ID: CBNAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

31 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

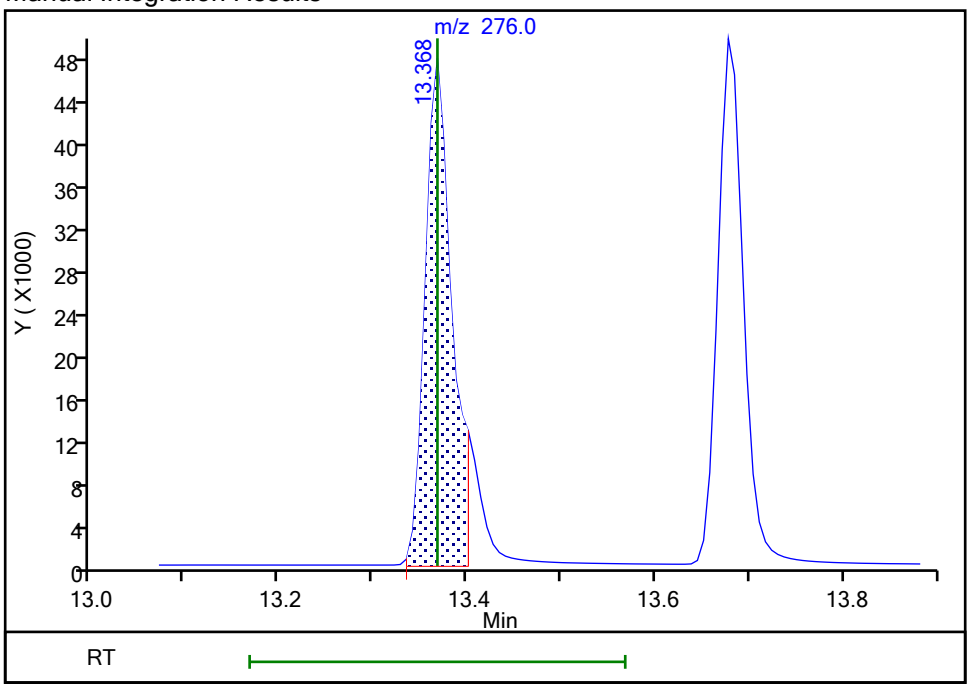
Processing Integration Results

RT: 13.37
Area: 107484
Amount: 0.204287
Amount Units: ug/ml



Manual Integration Results

RT: 13.37
Area: 95764
Amount: 0.182012
Amount Units: ug/ml



Reviewer: U6BX, 01-Aug-2025 18:58:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03291.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 06-Jun-2025 11:14:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0191869-001
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 06-Jun-2025 15:44:46 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: G4KC Date: 06-Jun-2025 15:44:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
4 Pentachlorophenol_T	266	3.740	3.740	0.000	0	246400	NR	NR	
35 DFTPP									
36 Benzidine_T	184	5.075	5.075	0.000	0	1356986	NR	NR	
37 4,4'-DDD	246	5.540	5.540	0.000	0	996		NR	a
38 4,4'-DDE	246	5.645	5.645	0.000	0	0		NR	a
39 4,4'-DDT	235	5.769	5.769	0.000	0	599559	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

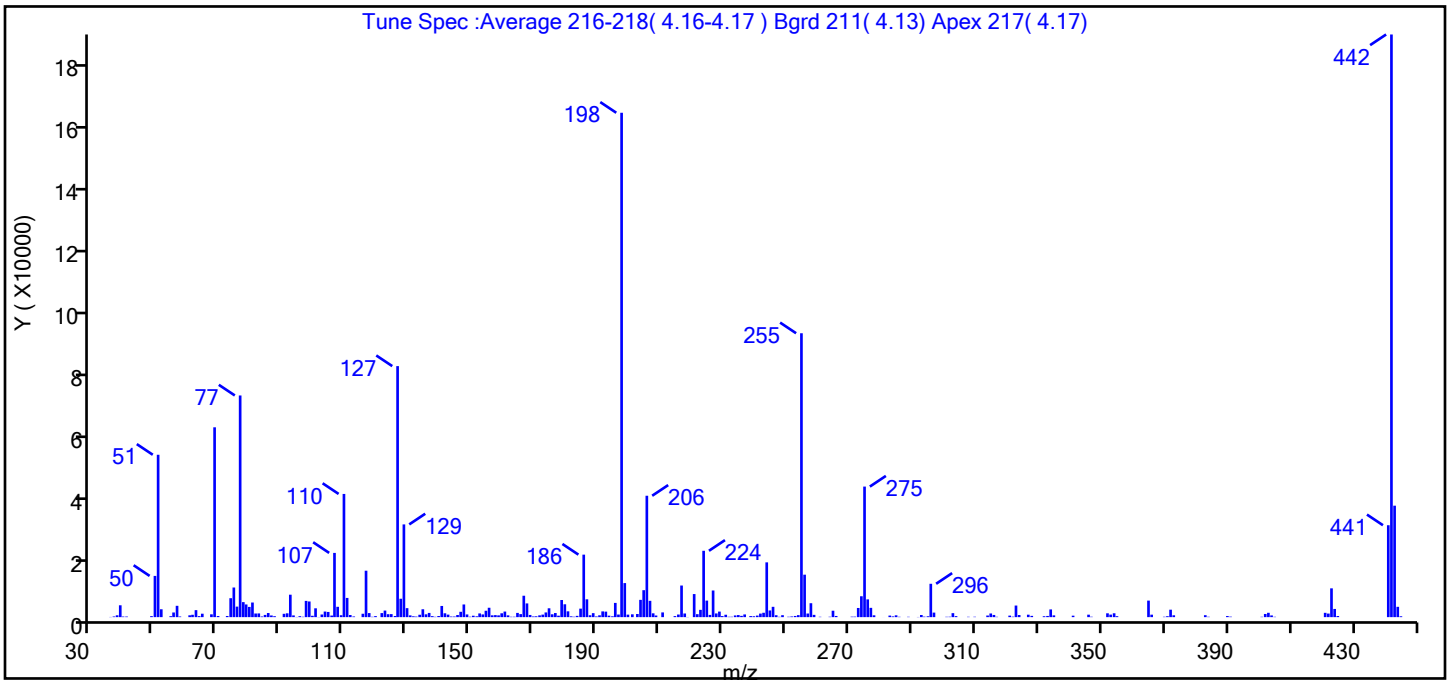
SMDFTP_CH_00037 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03291.D
Injection Date: 06-Jun-2025 11:14:30 Instrument ID: CBNAMS13
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Tune Method: DFTPP Method 8270E, BP 198

35 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.6 (1.5)
69	Present	37.6
70	<2% of m/z 69	0.2 (0.6)
197	<2% of m/z 198	0.5
199	5-9% of m/z 198	6.8
365	>1% of m/z 198	3.3
441	<150% of m/z 443	18.2 (82.5)
442	Present	115.5
443	15-24% of m/z 442	22.1 (19.1)

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03291.D\SIM_BNA13.rslt\spectra.d
Injection Date: 06-Jun-2025 11:14:30
Spectrum: Tune Spec :Average 216-218(4.16-4.17) Bgrd 211(4.13) Apex 217(4.17)
Base Peak: 441.90
Minimum % Base Peak: 0
Number of Points: 272

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	58	124.00	909	192.00	1781	275.00	40456
37.00	206	125.00	939	193.00	1708	276.00	5503
38.00	570	126.00	358	194.00	458	277.00	2881
39.00	3675	127.00	77784	195.00	258	278.00	568
40.00	185	128.00	5702	196.00	4411	281.00	7
41.00	185	129.00	28736	197.00	806	283.00	482
49.00	313	130.00	2786	198.00	156288	284.00	232
50.00	12775	131.00	548	199.00	10551	285.00	566
51.00	50312	132.00	257	200.00	777	286.00	112
52.00	2440	133.00	170	201.00	876	289.00	110
55.00	298	134.00	740	203.00	976	292.00	54
56.00	1443	135.00	2443	204.00	5358	293.00	661
57.00	3511	136.00	876	205.00	8352	294.00	151
58.00	198	137.00	1309	206.00	37616	295.00	262
61.00	568	138.00	307	207.00	5058	296.00	10338
62.00	728	139.00	107	208.00	1186	297.00	1407
63.00	2167	140.00	347	209.00	505	301.00	113
64.00	314	141.00	3466	211.00	1465	302.00	133
65.00	1065	142.00	1195	215.00	327	303.00	1235
68.00	874	143.00	779	216.00	808	304.00	313
69.00	58824	144.00	189	217.00	9797	308.00	111
70.00	343	145.00	189	218.00	1131	310.00	122
73.00	356	146.00	659	219.00	50	314.00	501
74.00	5870	147.00	1656	221.00	7152	315.00	1137
75.00	9182	148.00	3930	222.00	918	316.00	678
76.00	3262	149.00	834	223.00	2263	317.00	108
77.00	68688	150.00	133	224.00	20560	321.00	470
78.00	4653	151.00	441	225.00	5127	322.00	150
79.00	3931	152.00	255	226.00	693	323.00	3595
80.00	3168	153.00	1152	227.00	8259	324.00	654
81.00	4532	154.00	844	228.00	1146	327.00	759
82.00	1128	155.00	1976	229.00	1724	328.00	396
83.00	1151	156.00	2909	230.00	328	332.00	279

Report Date: 06-Jun-2025 15:44:47 Chrom Revision: 2.3 07-May-2025 18:53:14
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03291.D\SIM_BNA13.rslt\spectra.d
Injection Date: 06-Jun-2025 11:14:30
Spectrum: Tune Spec :Average 216-218(4.16-4.17) Bgrd 211(4.13) Apex 217(4.17)
Base Peak: 441.90
Minimum % Base Peak: 0
Number of Points: 272

m/z	Y	m/z	Y	m/z	Y	m/z	Y
84.00	201	157.00	562	231.00	744	333.00	372
85.00	690	158.00	629	232.00	119	334.00	2392
86.00	1276	159.00	549	233.00	126	335.00	550
87.00	517	160.00	1194	234.00	526	341.00	452
88.00	289	161.00	1730	235.00	640	346.00	764
91.00	1035	162.00	554	236.00	402	347.00	130
92.00	1187	163.00	124	237.00	839	352.00	1191
93.00	6955	164.00	131	239.00	329	353.00	783
94.00	534	165.00	1311	240.00	273	354.00	1198
95.00	57	166.00	939	241.00	482	355.00	293
96.00	294	167.00	6634	242.00	1100	365.00	5123
97.00	117	168.00	4252	243.00	1354	366.00	768
98.00	5033	169.00	679	244.00	16976	370.00	119
99.00	4855	170.00	203	245.00	2072	371.00	287
100.00	421	171.00	261	246.00	3198	372.00	2309
101.00	2740	172.00	552	247.00	594	373.00	575
102.00	50	173.00	779	248.00	101	383.00	602
103.00	818	174.00	1456	249.00	606	384.00	119
104.00	1731	175.00	2744	251.00	122	390.00	343
105.00	1609	176.00	880	252.00	211	391.00	152
106.00	490	177.00	1273	253.00	365	401.00	110
107.00	19904	178.00	447	254.00	621	402.00	982
108.00	3202	179.00	5312	255.00	87968	403.00	1346
109.00	592	180.00	3986	256.00	13157	404.00	529
110.00	38176	181.00	1802	257.00	1122	405.00	107
111.00	5954	182.00	249	258.00	4315	421.00	1338
112.00	659	183.00	129	259.00	706	422.00	1105
113.00	204	184.00	398	261.00	113	423.00	8925
116.00	1052	185.00	2633	264.00	126	424.00	2543
117.00	14386	186.00	19368	265.00	1992	425.00	347
118.00	1264	187.00	5528	266.00	365	441.00	28480
119.00	111	188.00	586	271.00	149	442.00	180544
120.00	323	189.00	1239	272.00	156	443.00	34536
122.00	1258	190.00	204	273.00	2842	444.00	3199

Report Date: 06-Jun-2025 15:44:47 Chrom Revision: 2.3 07-May-2025 18:53:14
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03291.D\SIM_BNA13.rslt\spectra.d
Injection Date: 06-Jun-2025 11:14:30
Spectrum: Tune Spec :Average 216-218(4.16-4.17) Bgrd 211(4.13) Apex 217(4.17)
Base Peak: 441.90
Minimum % Base Peak: 0
Number of Points: 272

m/z	Y	m/z	Y	m/z	Y	m/z	Y
123.00	2034	191.00	568	274.00	6473	445.00	263

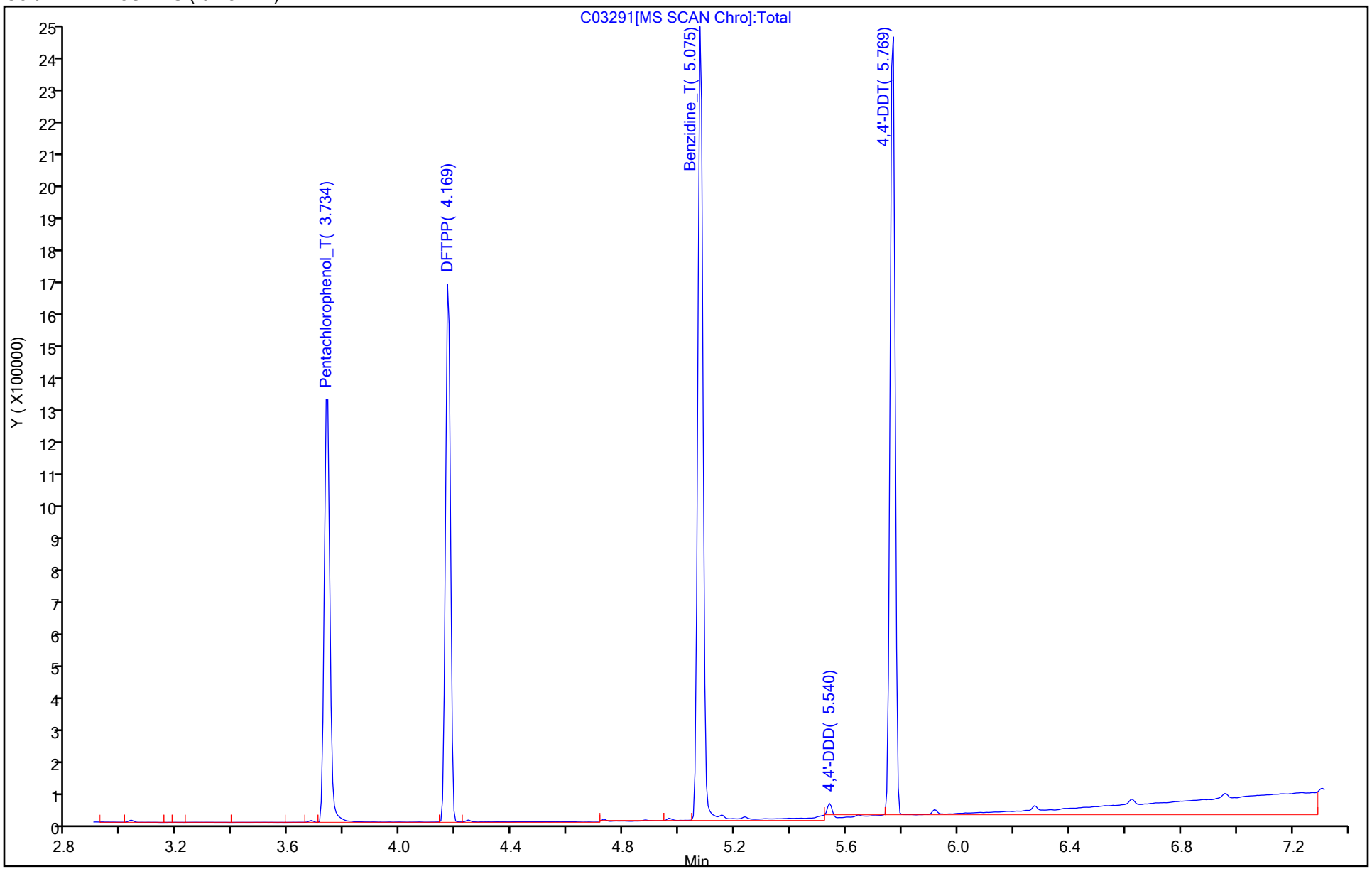
Report Date: 06-Jun-2025 15:44:47 Chrom Revision: 2.3 07-May-2025 18:53:14

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03291.D

Injection Date:	06-Jun-2025 11:14:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	DFTPP			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03291.D
Injection Date: 06-Jun-2025 11:14:30 Instrument ID: CBNAMS13
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL

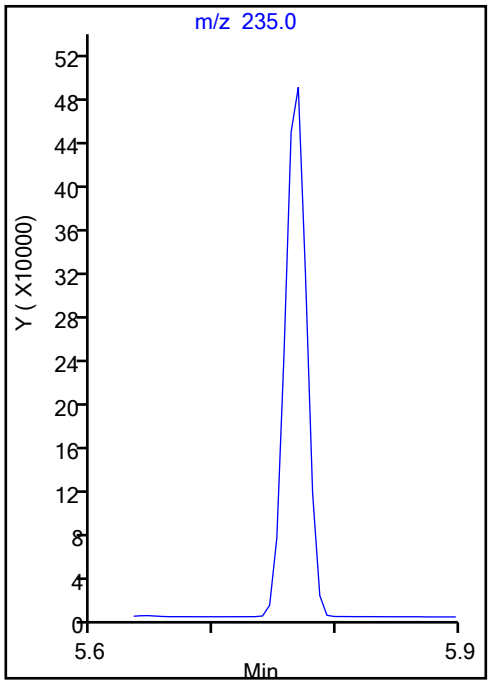
39 4,4'-DDT, Detector: MS SCAN

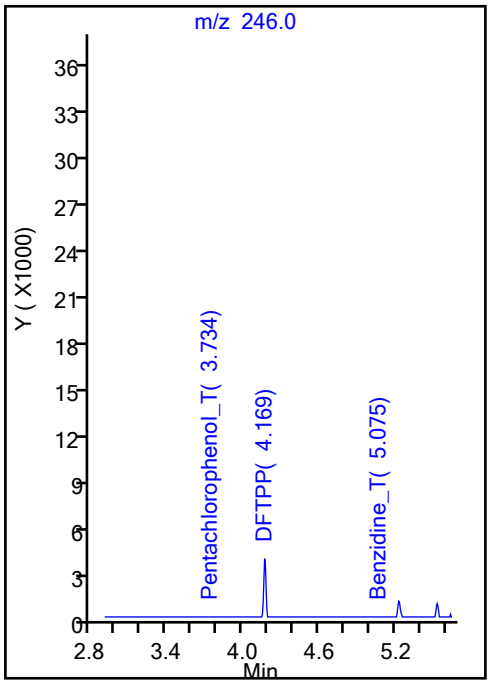
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

39 4,4'-DDT, Area = 599559
37 4,4'-DDD, Area = 996
38 4,4'-DDE, Area = 0

%Breakdown: 0.17%, <= 20.00%
Passed





Peak Tailing Report

Eurofins Edison

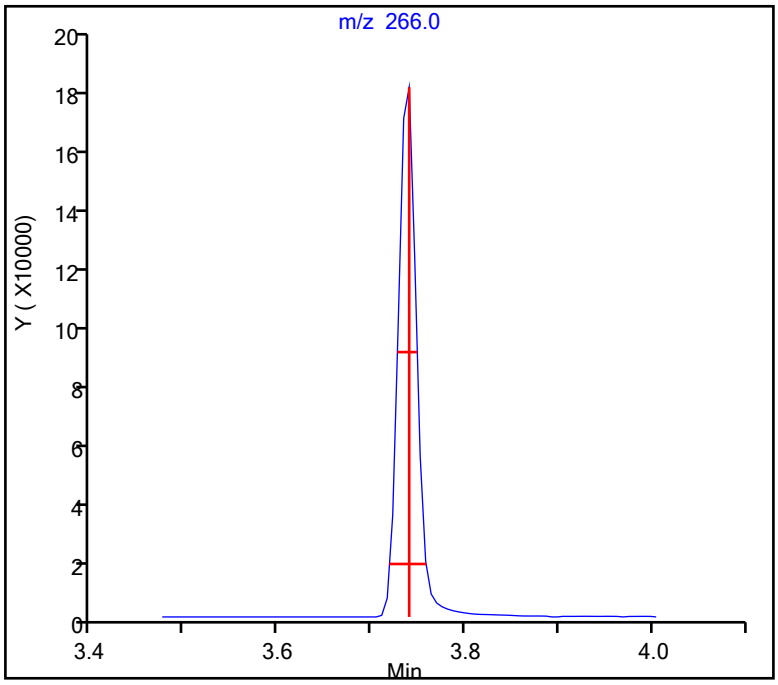
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03291.D
Injection Date: 06-Jun-2025 11:14:30 Instrument ID: CBNAMS13
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL

4 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.021 (min.)

Tailing Factor = 0.86, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

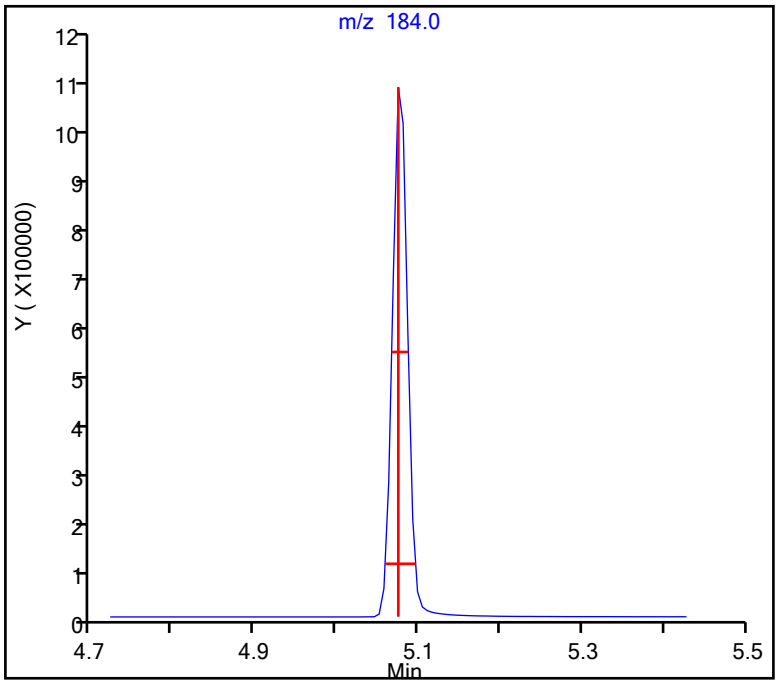
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03291.D
Injection Date: 06-Jun-2025 11:14:30 Instrument ID: CBNAMS13
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL

36 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.31, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1053256/1-A

Matrix: Water | Lab File ID: C04805.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/01/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 20:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053368 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS13

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	0.050	U	0.050	0.014
208-96-8	Acenaphthylene	0.050	U	0.050	0.015
120-12-7	Anthracene	0.050	U	0.050	0.025
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.016
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.022
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.024
191-24-2	Benzo[g,h,i]perylene	0.050	U	0.050	0.035
207-08-9	Benzo[k]fluoranthene	0.050	U	0.050	0.028
218-01-9	Chrysene	0.050	U	0.050	0.030
53-70-3	Dibenz(a,h)anthracene	0.050	U	0.050	0.020
206-44-0	Fluoranthene	0.050	U	0.050	0.039
86-73-7	Fluorene	0.050	U	0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.050	U	0.050	0.036
91-20-3	Naphthalene	0.20	U	0.20	0.12
85-01-8	Phenanthrene	0.050	U	0.050	0.022
129-00-0	Pyrene	0.050	U	0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	61		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	63		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04805.D
Lims ID: MB 460-1053256/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Aug-2025 20:05:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-006
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 01-Aug-2025 20:35:55 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: U6BX Date: 01-Aug-2025 20:35:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 5 1,4-Dichlorobenzene-d4	152	3.431	3.437	-0.006	99	39156	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	3.998	3.998	0.000	96	1418643	10.0	6.30	
* 7 Naphthalene-d8	136	4.704	4.704	0.000	99	143691	0.2000	0.2000	
$ 9 2-Fluorobiphenyl	172	5.802	5.793	0.009	95	3653121	10.0	6.06	
* 11 Acenaphthene-d10	164	6.434	6.434	0.000	97	83872	0.2000	0.2000	
$ 20 2,4,6-Tribromophenol	330	7.220	7.211	0.009	91	719175	10.0	8.79	
* 17 Phenanthrene-d10	188	7.870	7.870	0.000	100	159426	0.2000	0.2000	
$ 23 Terphenyl-d14	244	9.446	9.439	0.007	96	3467599	10.0	5.55	
* 25 Chrysene-d12	240	10.448	10.448	0.000	92	104585	0.2000	0.2000	
* 30 Perylene-d12	264	12.069	12.076	-0.007	100	96853	0.2000	0.2000	

Reagents:

SM_SIMISTDLVI_00036 Amount Added: 20.00 Units: uL Run Reagent

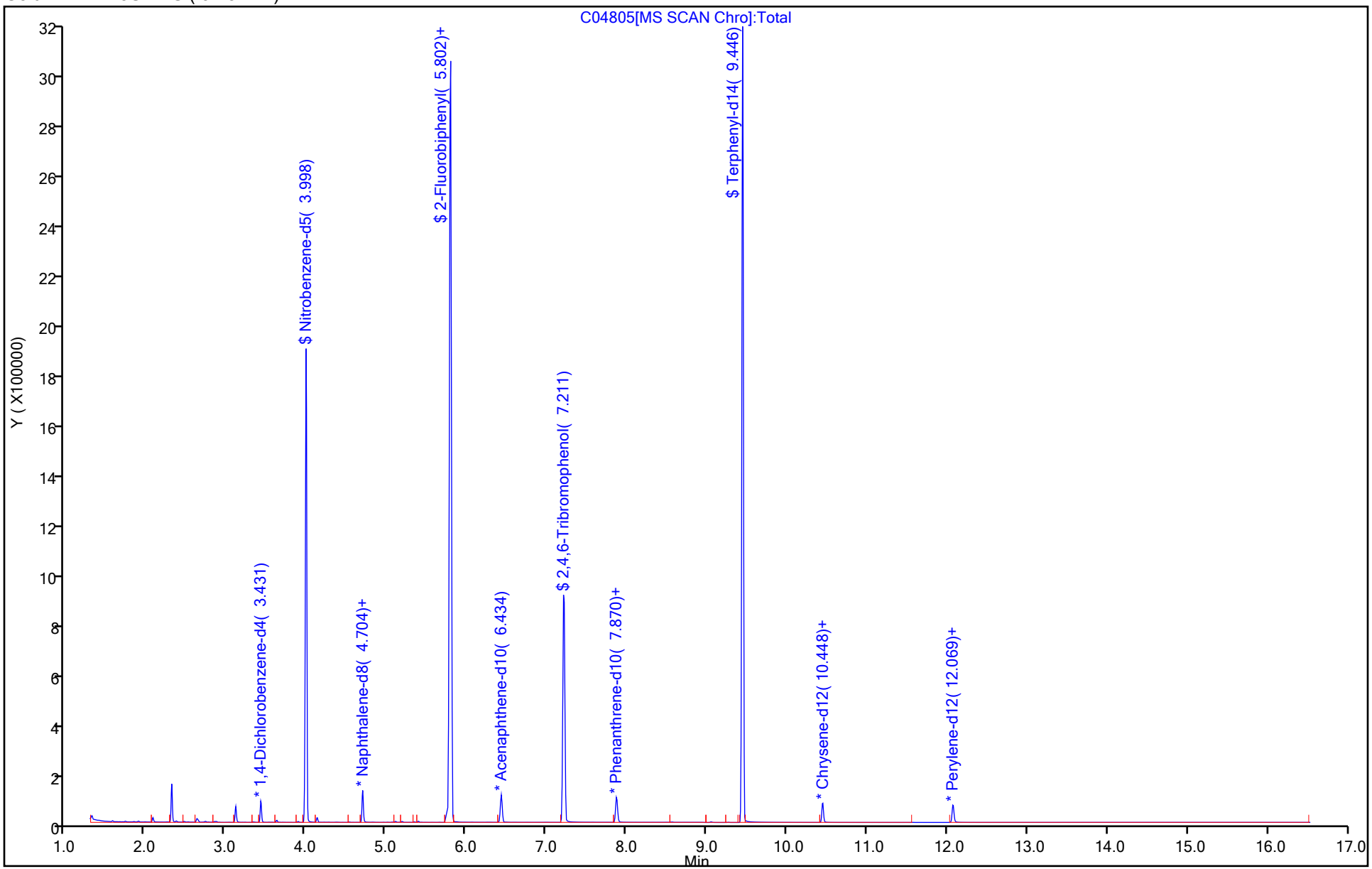
Report Date: 01-Aug-2025 20:35:56 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04805.D

Injection Date:	01-Aug-2025 20:05:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	MB 460-1053256/1-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04805.D
Lims ID: MB 460-1053256/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Aug-2025 20:05:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-006
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 01-Aug-2025 20:35:55 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: U6BX Date: 01-Aug-2025 20:35:55

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	10.0	6.30	63.02
$ 9 2-Fluorobiphenyl	10.0	6.06	60.63
$ 20 2,4,6-Tribromophenol	10.0	8.79	87.90
$ 23 Terphenyl-d14	10.0	5.55	55.55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1053256/4-A

Matrix: Water | Lab File ID: C04803.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/01/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 19:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053368 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS13

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	1.47		0.050	0.014
208-96-8	Acenaphthylene	1.60		0.050	0.015
120-12-7	Anthracene	1.63		0.050	0.025
56-55-3	Benzo[a]anthracene	1.62		0.050	0.016
50-32-8	Benzo[a]pyrene	1.56		0.050	0.022
205-99-2	Benzo[b]fluoranthene	1.50		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	1.43		0.050	0.035
207-08-9	Benzo[k]fluoranthene	1.37		0.050	0.028
218-01-9	Chrysene	1.37		0.050	0.030
53-70-3	Dibenz(a,h)anthracene	1.46		0.050	0.020
206-44-0	Fluoranthene	1.63		0.050	0.039
86-73-7	Fluorene	1.60		0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	1.28		0.050	0.036
91-20-3	Naphthalene	1.45		0.20	0.12
85-01-8	Phenanthrene	1.47		0.050	0.022
129-00-0	Pyrene	1.42		0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	81		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	72		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04803.D
Lims ID: LCS 460-1053256/4-A
Client ID:
Sample Type: LCS
Inject. Date: 01-Aug-2025 19:23:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-004
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 01-Aug-2025 19:47:19 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: U6BX Date: 01-Aug-2025 19:52:08

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.401	1.401	-0.047	99	8230	0.2500	0.1121	M
	2 N-Nitrosodimethylamine	74	1.536	1.570	-0.036	68	11445	0.2500	0.1000	
	3 Bis(2-chloroethyl)ether	93	3.187	3.188	-0.006	91	37414	0.2500	0.1975	
*	5 1,4-Dichlorobenzene-d4	152	3.432	3.437	-0.005	99	34543	0.2000	0.2000	
$	6 Nitrobenzene-d5	82	3.992	3.998	-0.006	97	143415	1.00	0.7205	
*	7 Naphthalene-d8	136	4.704	4.704	0.000	98	127060	0.2000	0.2000	
	8 Naphthalene	128	4.725	4.725	0.000	100	124021	0.2500	0.1817	
$	9 2-Fluorobiphenyl	172	5.793	5.793	0.000	96	421952	1.00	0.8071	
	10 Acenaphthylene	152	6.290	6.290	0.000	100	132085	0.2500	0.2001	
*	11 Acenaphthene-d10	164	6.434	6.434	0.000	96	72775	0.2000	0.2000	
	12 Acenaphthene	154	6.461	6.461	0.000	94	77220	0.2500	0.1833	
	13 Fluorene	166	6.967	6.967	0.000	93	99266	0.2500	0.2003	
	14 4,6-Dinitro-2-methylphenol	198	7.066	7.066	0.000	87	24856	0.5000	0.8905	
$	20 2,4,6-Tribromophenol	330	7.211	7.211	0.000	93	73630	1.00	1.04	
	15 Hexachlorobenzene	284	7.518	7.518	0.000	100	33896	0.2500	0.2276	
	16 Pentachlorophenol	266	7.725	7.734	-0.009	93	34004	0.5000	0.4438	
*	17 Phenanthrene-d10	188	7.870	7.870	0.000	100	138100	0.2000	0.2000	
	18 Phenanthrene	178	7.897	7.897	0.000	96	149013	0.2500	0.1835	
	19 Anthracene	178	7.942	7.942	0.000	99	151174	0.2500	0.2039	
	21 Fluoranthene	202	9.044	9.044	0.000	95	152470	0.2500	0.2032	
	22 Pyrene	202	9.255	9.249	0.000	98	152677	0.2500	0.1780	
$	23 Terphenyl-d14	244	9.439	9.433	0.000	95	379984	1.00	0.6708	
	24 Benzo[a]anthracene	228	10.435	10.428	0.000	92	133074	0.2500	0.2021	
*	25 Chrysene-d12	240	10.441	10.448	-0.007	75	94903	0.2000	0.2000	
	26 Chrysene	228	10.468	10.468	-0.006	99	123850	0.2500	0.1710	
	27 Benzo[b]fluoranthene	252	11.621	11.621	-0.007	100	122995	0.2500	0.1878	
	28 Benzo[k]fluoranthene	252	11.654	11.648	0.000	100	112177	0.2500	0.1717	
	29 Benzo[a]pyrene	252	12.003	11.997	0.000	100	94299	0.2500	0.1950	
*	30 Perylene-d12	264	12.069	12.076	-0.007	100	89279	0.2000	0.2000	
	31 Indeno[1,2,3-cd]pyrene	276	13.368	13.368	0.000	88	80568	0.2500	0.1600	M
	32 Dibenz(a,h)anthracene	278	13.401	13.393	0.000	93	77803	0.2500	0.1829	
	33 Benzo[g,h,i]perylene	276	13.678	13.670	0.000	76	81556	0.2500	0.1782	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_SIMISTDLVI_00036	Amount Added:	20.00	Units: uL	Run Reagent

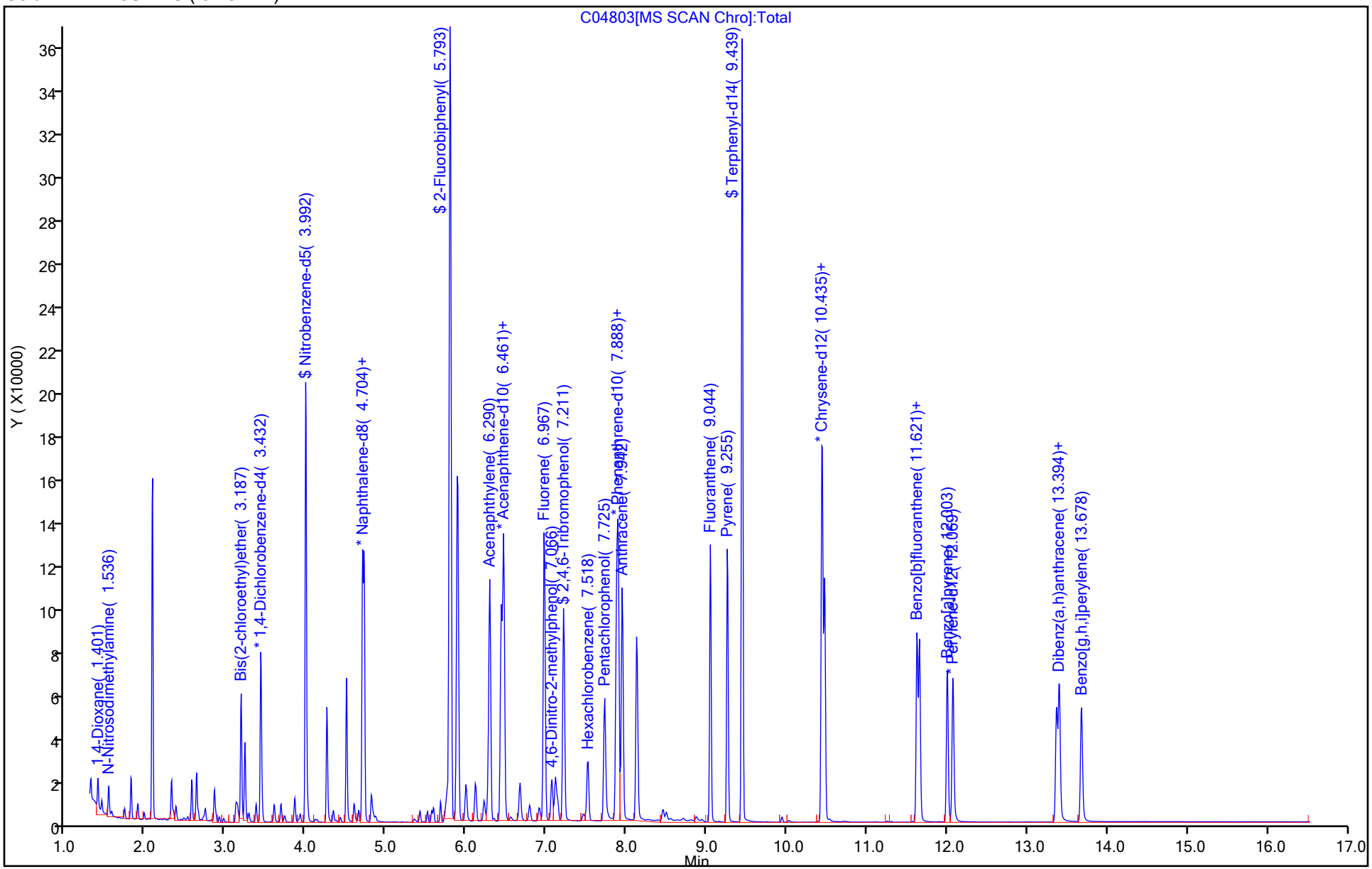
Report Date: 01-Aug-2025 19:52:08 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04803.D

Injection Date:	01-Aug-2025 19:23:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	LCS 460-1053256/4-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04803.D
Lims ID: LCS 460-1053256/4-A
Client ID:
Sample Type: LCS
Inject. Date: 01-Aug-2025 19:23:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-004
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 01-Aug-2025 19:47:19 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: U6BX Date: 01-Aug-2025 19:52:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	1.00	0.7205	72.05
$ 9 2-Fluorobiphenyl	1.00	0.8071	80.71
$ 20 2,4,6-Tribromophenol	1.00	1.04	103.72
$ 23 Terphenyl-d14	1.00	0.6708	67.08

Manual Integration/User Assign Peak Report

Eurofins Edison

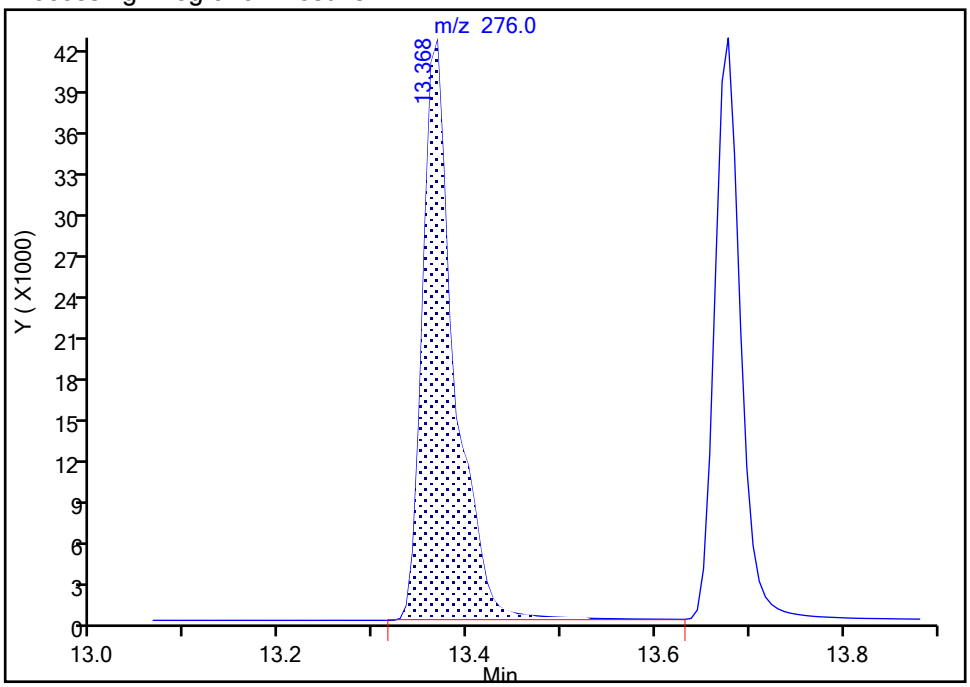
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04803.D
Injection Date: 01-Aug-2025 19:23:30 Instrument ID: CBNAMS13
Lims ID: LCS 460-1053256/4-A
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

31 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

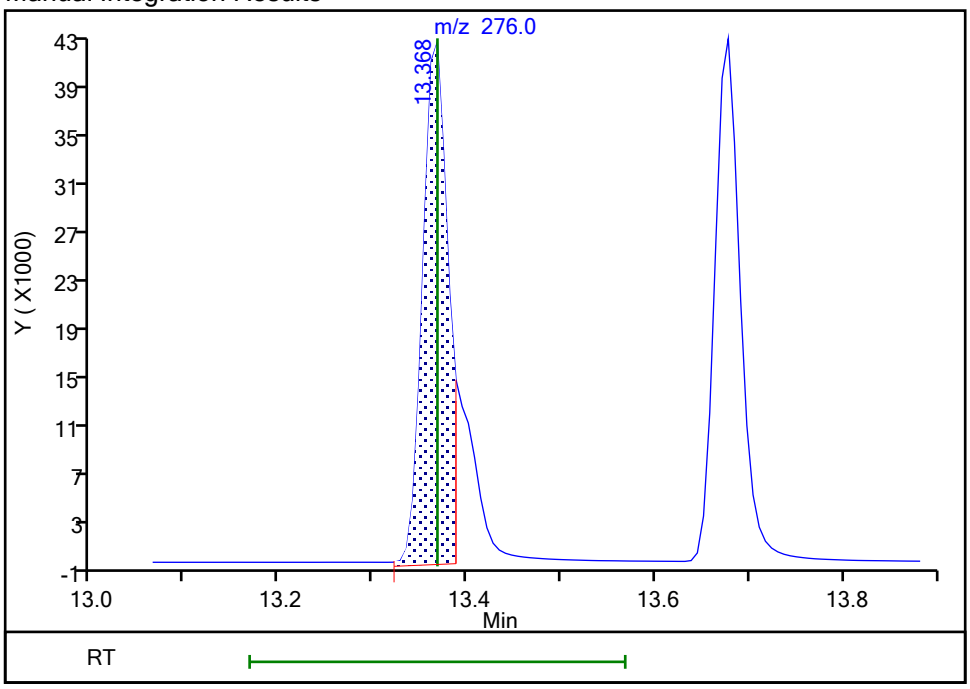
Processing Integration Results

RT: 13.37
Area: 99261
Amount: 0.197145
Amount Units: ug/ml



Manual Integration Results

RT: 13.37
Area: 80568
Amount: 0.160018
Amount Units: ug/ml



Reviewer: U6BX, 01-Aug-2025 19:47:04 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-331763-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1053256/5-A

Matrix: Water | Lab File ID: C04804.D

Analysis Method: 8270E SIM | Date Collected:

Extract. Method: 3510C | Date Extracted: 08/01/2025 10:26

Sample wt/vol: 250(mL) | Date Analyzed: 08/01/2025 19:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1053368 | Units: ug/L

Preparation Batch No.: 1053256 | Instrument ID: CBNAMS13

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	1.36		0.050	0.014
208-96-8	Acenaphthylene	1.48		0.050	0.015
120-12-7	Anthracene	1.50		0.050	0.025
56-55-3	Benzo[a]anthracene	1.51		0.050	0.016
50-32-8	Benzo[a]pyrene	1.43		0.050	0.022
205-99-2	Benzo[b]fluoranthene	1.40		0.050	0.024
191-24-2	Benzo[g,h,i]perylene	1.31		0.050	0.035
207-08-9	Benzo[k]fluoranthene	1.26		0.050	0.028
218-01-9	Chrysene	1.26		0.050	0.030
53-70-3	Dibenz(a,h)anthracene	1.36		0.050	0.020
206-44-0	Fluoranthene	1.53		0.050	0.039
86-73-7	Fluorene	1.49		0.050	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	1.24		0.050	0.036
91-20-3	Naphthalene	1.33		0.20	0.12
85-01-8	Phenanthrene	1.36		0.050	0.022
129-00-0	Pyrene	1.33		0.050	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	51		33-150
4165-60-0	Nitrobenzene-d5 (Surr)	46		36-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04804.D
Lims ID: LCSD 460-1053256/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 01-Aug-2025 19:44:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-005
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 01-Aug-2025 20:03:27 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: U6BX Date: 01-Aug-2025 20:03:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.417	1.417	-0.031	97	7326	0.2500	0.0846	M
2 N-Nitrosodimethylamine	74	1.552	1.570	-0.020	68	10273	0.2500	0.0762	
3 Bis(2-chloroethyl)ether	93	3.188	3.188	-0.005	92	39870	0.2500	0.1785	
* 5 1,4-Dichlorobenzene-d4	152	3.432	3.437	-0.005	99	40716	0.2000	0.2000	
$ 6 Nitrobenzene-d5	82	3.992	3.998	-0.006	98	109030	1.00	0.4615	
* 7 Naphthalene-d8	136	4.704	4.704	0.000	98	150814	0.2000	0.2000	
8 Naphthalene	128	4.725	4.725	0.000	100	134347	0.2500	0.1658	
$ 9 2-Fluorobiphenyl	172	5.793	5.793	0.000	96	321909	1.00	0.5064	
10 Acenaphthylene	152	6.290	6.290	0.000	100	148011	0.2500	0.1844	
* 11 Acenaphthene-d10	164	6.434	6.434	0.000	96	88496	0.2000	0.2000	
12 Acenaphthene	154	6.461	6.461	0.000	95	86761	0.2500	0.1694	
13 Fluorene	166	6.967	6.967	0.000	93	112437	0.2500	0.1866	
14 4,6-Dinitro-2-methylphenol	198	7.066	7.066	0.000	88	30114	0.5000	0.8658	
$ 20 2,4,6-Tribromophenol	330	7.211	7.211	0.000	93	57892	1.00	0.6706	
15 Hexachlorobenzene	284	7.518	7.518	0.000	100	37786	0.2500	0.2014	
16 Pentachlorophenol	266	7.725	7.735	-0.009	93	40635	0.5000	0.4219	
* 17 Phenanthrene-d10	188	7.870	7.870	0.000	100	173949	0.2000	0.2000	
18 Phenanthrene	178	7.897	7.897	0.000	96	173516	0.2500	0.1697	
19 Anthracene	178	7.942	7.942	0.000	99	175574	0.2500	0.1880	
21 Fluoranthene	202	9.044	9.044	0.000	95	180617	0.2500	0.1911	
22 Pyrene	202	9.255	9.249	0.000	97	183112	0.2500	0.1665	
$ 23 Terphenyl-d14	244	9.439	9.433	0.000	95	335896	1.00	0.4624	
24 Benzo[a]anthracene	228	10.435	10.428	0.000	92	159381	0.2500	0.1888	
* 25 Chrysene-d12	240	10.441	10.448	-0.007	76	121690	0.2000	0.2000	
26 Chrysene	228	10.468	10.468	-0.006	99	146549	0.2500	0.1578	
27 Benzo[b]fluoranthene	252	11.621	11.621	-0.007	99	147384	0.2500	0.1746	
28 Benzo[k]fluoranthene	252	11.654	11.648	0.000	99	132483	0.2500	0.1573	
29 Benzo[a]pyrene	252	12.003	11.997	0.000	100	111594	0.2500	0.1791	
* 30 Perylene-d12	264	12.069	12.076	-0.007	100	115077	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.368	13.368	0.000	88	100772	0.2500	0.1553	M
32 Dibenz(a,h)anthracene	278	13.401	13.393	0.000	93	93331	0.2500	0.1702	
33 Benzo[g,h,i]perylene	276	13.678	13.670	0.000	77	96231	0.2500	0.1631	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_SIMISTDLVI_00036	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 01-Aug-2025 20:03:27 Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04804.D

Injection Date: 01-Aug-2025 19:44:30 Instrument ID: CBNAMS13 Operator ID:

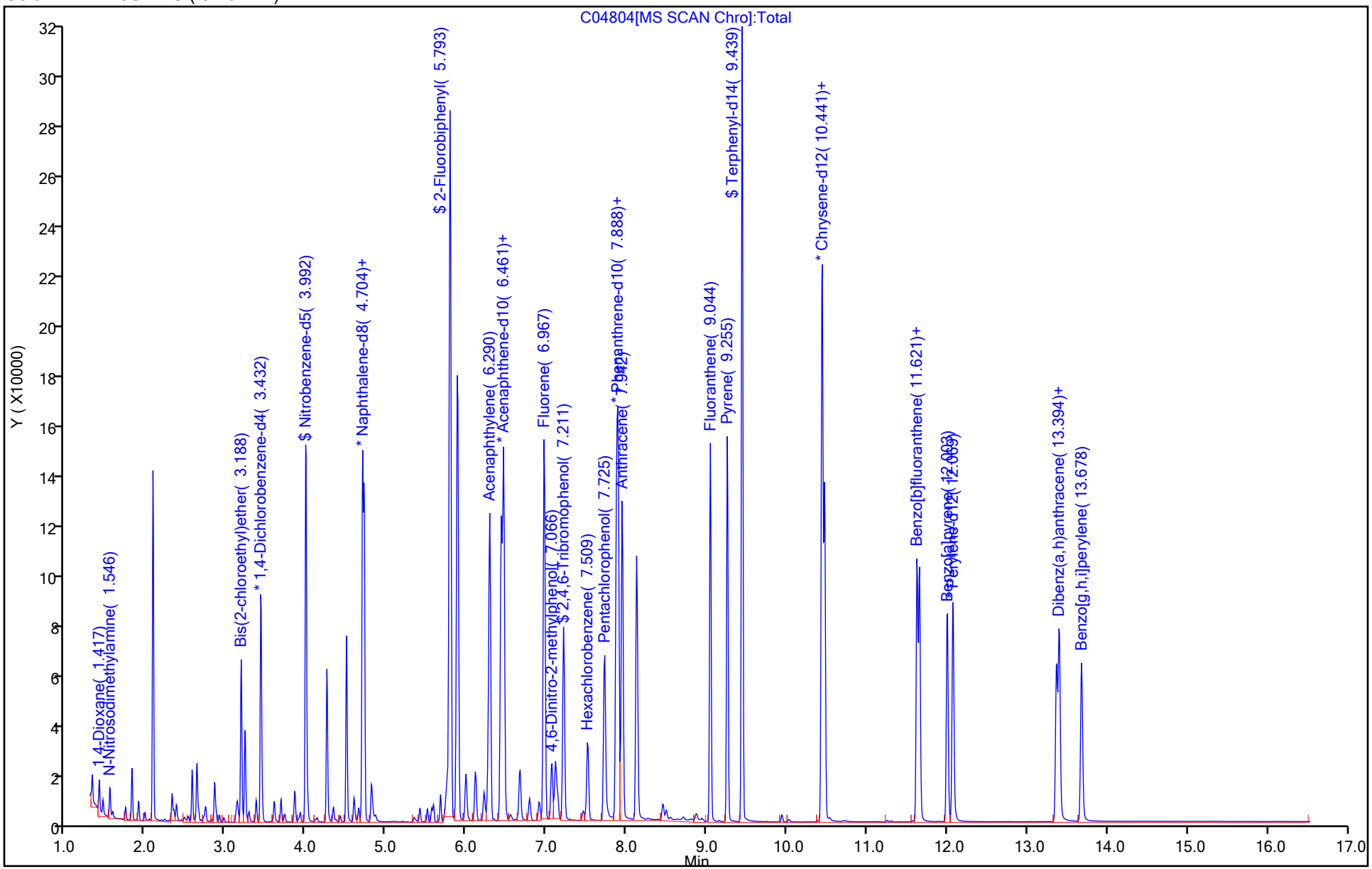
Lims ID: LCSD 460-1053256/5-A Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: SIM_BNA13 Limit Group: SV 8270E SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04804.D
Lims ID: LCSD 460-1053256/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 01-Aug-2025 19:44:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0194422-005
Operator ID: Instrument ID: CBNAMS13

Method: \\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\SIM_BNA13.m
Limit Group: SV 8270E SIM ICAL
Last Update: 01-Aug-2025 20:03:27 Calib Date: 06-Jun-2025 14:28:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20250606-191869.b\C03300.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: U6BX Date: 01-Aug-2025 20:03:27

Compound	Amount Added	Amount Recovered	% Rec.
$ 6 Nitrobenzene-d5	1.00	0.4615	46.15
$ 9 2-Fluorobiphenyl	1.00	0.5064	50.64
$ 20 2,4,6-Tribromophenol	1.00	0.6706	67.06
$ 23 Terphenyl-d14	1.00	0.4624	46.24

Manual Integration/User Assign Peak Report

Eurofins Edison

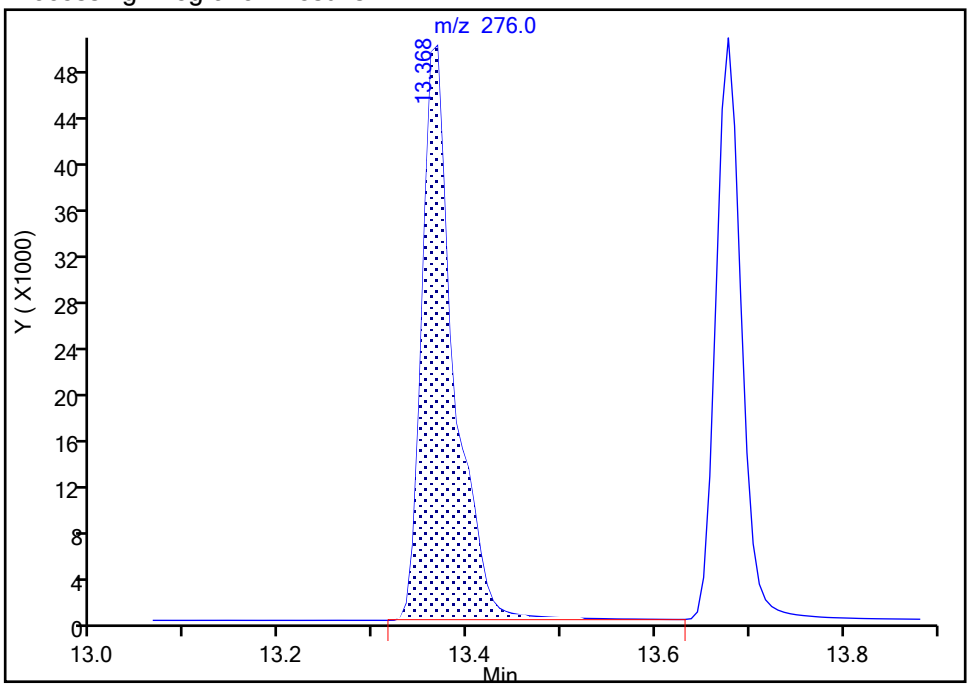
Data File:	\\chromfs\Edison\ChromData\CBNAMS13\20250801-194422.b\C04804.D				
Injection Date:	01-Aug-2025 19:44:30	Instrument ID:	CBNAMS13		
Lims ID:	LCSD 460-1053256/5-A				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	SIM_BNA13	Limit Group:	SV 8270E SIM ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

31 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

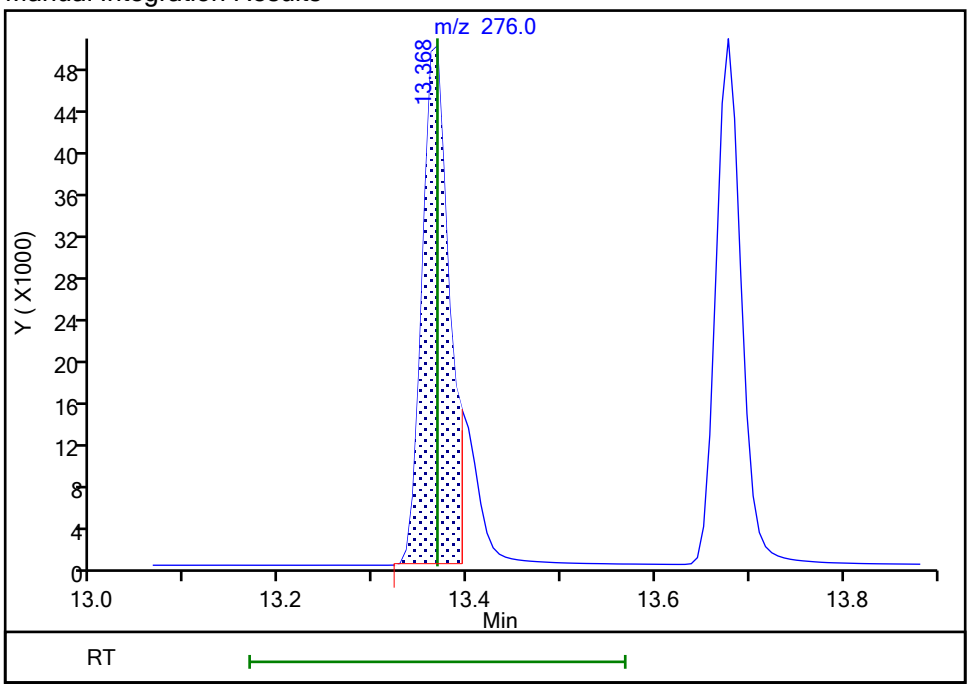
Processing Integration Results

RT: 13.37
Area: 117750
Amount: 0.181438
Amount Units: ug/ml



Manual Integration Results

RT: 13.37
Area: 100772
Amount: 0.155277
Amount Units: ug/ml



Reviewer: U6BX, 01-Aug-2025 20:03:13 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 06/06/2025 11:14

Analysis Batch Number: 1041946 End Date: 06/06/2025 14:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-1041946/1		06/06/2025 11:14	1	C03291.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-1041946/2		06/06/2025 11:38	1	C03292.D	Rtxi-5Sil MS 0.25(mm)
STD9 460-1041946/3 IC		06/06/2025 11:59	1	C03293.D	Rtxi-5Sil MS 0.25(mm)
STD8 460-1041946/4 IC		06/06/2025 12:21	1	C03294.D	Rtxi-5Sil MS 0.25(mm)
STD7 460-1041946/5 IC		06/06/2025 12:42	1	C03295.D	Rtxi-5Sil MS 0.25(mm)
STD6 460-1041946/6 IC		06/06/2025 13:03	1	C03296.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-1041946/7 IC		06/06/2025 13:24	1	C03297.D	Rtxi-5Sil MS 0.25(mm)
STD3 460-1041946/8 IC		06/06/2025 13:45	1	C03298.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-1041946/9 IC		06/06/2025 14:07	1	C03299.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-1041946/10 IC		06/06/2025 14:28	1	C03300.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-1041946/11		06/06/2025 14:49	1	C03301.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 08/01/2025 18:36

Analysis Batch Number: 1053368 End Date: 08/02/2025 04:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-1053368/2		08/01/2025 18:36	1	C04801.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-1053256/4-A		08/01/2025 19:23	1	C04803.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-1053256/5-A		08/01/2025 19:44	1	C04804.D	Rtxi-5Sil MS 0.25(mm)
MB 460-1053256/1-A		08/01/2025 20:05	1	C04805.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 20:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 20:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 21:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 21:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/01/2025 21:49	1		Rtxi-5Sil MS 0.25(mm)
460-331763-2	MW-11S	08/01/2025 22:10	1	C04811.D	Rtxi-5Sil MS 0.25(mm)
460-331763-3	MW-8S	08/01/2025 22:31	1	C04812.D	Rtxi-5Sil MS 0.25(mm)
460-331763-4	MW-3	08/01/2025 22:52	1	C04813.D	Rtxi-5Sil MS 0.25(mm)
460-331763-5	MW-13S	08/01/2025 23:12	1	C04814.D	Rtxi-5Sil MS 0.25(mm)
460-331763-6	MW-13D	08/01/2025 23:33	1	C04815.D	Rtxi-5Sil MS 0.25(mm)
460-331763-7	MW-4S	08/01/2025 23:54	1	C04816.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		08/02/2025 00:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		08/02/2025 00:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		08/02/2025 00:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		08/02/2025 01:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (QC)		08/02/2025 01:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 02:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 02:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 03:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 03:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 03:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 04:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ (Client)		08/02/2025 04:25	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1041946 Batch Start Date: 06/06/25 11:14 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	SM_SIMICV_LVI 00038	SM_simSlviL1 00021	SM_simSlviL2 00021	SM_simSlviL3 00024	SM_simSlviL4 00020
DFTPP 460-1041946/1		8270E SIM			1 mL					
ICIS 460-1041946/2		8270E SIM			1 mL					
STD9 460-1041946/3 IC		8270E SIM			1 mL					
STD8 460-1041946/4 IC		8270E SIM			1 mL					
STD7 460-1041946/5 IC		8270E SIM			1 mL					
STD6 460-1041946/6 IC		8270E SIM			1 mL					
STD4 460-1041946/7 IC		8270E SIM			1 mL					1 mL
STD3 460-1041946/8 IC		8270E SIM			1 mL				1 mL	
STD2 460-1041946/9 IC		8270E SIM			1 mL			1 mL		
STD1 460-1041946/10 IC		8270E SIM			1 mL		1 mL			
ICV 460-1041946/11		8270E SIM			1 mL	1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SM_simSlviL5 00021	SM_simSlviL6 00022	SM_simSlviL7 00005	SM_simSlviL8 00003	SM_simSlviL9 00003	SMDFTP_CH 00037
DFTPP 460-1041946/1		8270E SIM								1 mL
ICIS 460-1041946/2		8270E SIM			1 mL					
STD9 460-1041946/3 IC		8270E SIM							1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1041946 Batch Start Date: 06/06/25 11:14 Batch Analyst: Johnston, Mark D

Batch Method: 8270E SIM Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SM_simSlviL5 00021	SM_simSlviL6 00022	SM_simSlviL7 00005	SM_simSlviL8 00003	SM_simSlviL9 00003	SMDFTP_CH 00037
STD8 460-1041946/4 IC		8270E SIM						1 mL		
STD7 460-1041946/5 IC		8270E SIM					1 mL			
STD6 460-1041946/6 IC		8270E SIM				1 mL				
STD4 460-1041946/7 IC		8270E SIM								
STD3 460-1041946/8 IC		8270E SIM								
STD2 460-1041946/9 IC		8270E SIM								
STD1 460-1041946/10 IC		8270E SIM								
ICV 460-1041946/11		8270E SIM								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1053256 Batch Start Date: 08/01/25 10:26 Batch Analyst: Patel, Tejal M

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_BNA SIM SP 00036
MB 460-1053256/1		3510C, 8270E SIM			250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
LCS 460-1053256/4		3510C, 8270E SIM			250 mL	2 mL	7 SU	< 2 SU	> 12 SU	50 uL
LCSD 460-1053256/5		3510C, 8270E SIM			250 mL	2 mL	7 SU	< 2 SU	> 12 SU	50 uL
460-331763-E-2	MW-11S	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331763-E-3	MW-8S	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331763-E-4	MW-3	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331763-E-5	MW-13S	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331763-E-6	MW-13D	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	
460-331763-E-7	MW-4S	3510C, 8270E SIM	Water	T	250 mL	2 mL	7 SU	< 2 SU	> 12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_BNASurroga 00031					
MB 460-1053256/1		3510C, 8270E SIM			200 uL					
LCS 460-1053256/4		3510C, 8270E SIM			20 uL					
LCSD 460-1053256/5		3510C, 8270E SIM			20 uL					
460-331763-E-2	MW-11S	3510C, 8270E SIM	Water	T	200 uL					
460-331763-E-3	MW-8S	3510C, 8270E SIM	Water	T	200 uL					
460-331763-E-4	MW-3	3510C, 8270E SIM	Water	T	200 uL					
460-331763-E-5	MW-13S	3510C, 8270E SIM	Water	T	200 uL					
460-331763-E-6	MW-13D	3510C, 8270E SIM	Water	T	200 uL					
460-331763-E-7	MW-4S	3510C, 8270E SIM	Water	T	200 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-331763-1

SDG No.:

Batch Number: 1053256 Batch Start Date: 08/01/25 10:26 Batch Analyst: Patel, Tejal M

Batch Method: 3510C Batch End Date:

Batch Notes	
Method/Fraction	3510C_LVI / 8270E
Balance is Level? (Y/N)	yes
pH Indicator ID	VWR: HC457151
Analyst ID - Extraction	BP
Analyst ID - Spike Analyst	BP
Analyst ID - Spike Witness Analyst	SS
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	FISHER
Base Used to Adjust pH ID	VWR: 24H1456377
Prep Solvent ID	FISHER r Dichloromethane: 251820
Prep Solvent Volume Used	40ml mL
Na2SO4 ID	Fisher: 232415
Analyst ID - Concentration	BP
Equipment ID - Concentration 1	N-EVAP: 36337
Thermometer ID - Concentration 1	N-EVAP: 36337
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	Agilent Technologies: 21046158
Batch Comment	BNA WATER

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

TestAmerica New York City
47-32 32nd Place
Suite 1141
Long Island City NY 11101-2425
phone 347.507 0579 fax

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Chris Morris	Site Contact: Tom Johansen	Date: 7/29/24	COC No:
GEI Consultants Inc. P.C.	Tel/Fax: (631) 759-2967	Lab Contact: Katelyn Connelly	Carrier: Test America	1 of 1 COCs
1000 New York Avenue	**Analysis Turnaround Time**			Sampler: Vouzianas
Huntington Station, Suite B, NY 11746	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
(631) 760 9300 Phone	TAT if different from Below standard			Walk-in Client:
(631) 760 - 9301 FAX	☐ 2 weeks			Lab Sampling:
Project Name: National Grid Downstate	☐ 1 week			
Site: Patchogue	☐ 2 days			Job / SDG No. 331763
P O # 2503970.1 18.3	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	BTEX EPA Method 8260	PAHs plus SIM (Method 8270)	Sample Specific Notes.
TB-07292025	7/29/2025	-	G	GW	2			X		
MW-11S	7/29/2025	0955	G	GW	5			X	X	
MW-8S	7/29/2025	1045	G	GW	5			X	X	
MW-3	7/29/2025	1135	G	GW	5			X	X	
MW-13S	7/29/2025	1220	G	GW	5			X	X	
MW-13D	7/29/2025	1305	G	GW	5			X	X	
MW-4S	7/29/2025	1400	G	GW	5			X	X	

NYC 225

460-331763 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: **CAT B REPORT**

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C) Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by: ~~Greg Vouzianas~~ Chris Hayes	Company: GEI Consultants Inc P.C.	Date/Time: 7/29/25 1500	Received by:	Company: TAL-O	Date/Time: 7/30/25 0900
Relinquished by:	Company: TAL-O	Date/Time: 7/30/25 0500	Received by:	Company: FEX	Date/Time: 7/30/25 1200
Relinquished by:	Company: FEX	Date/Time: 7/30/25 1910	Received in Laboratory by:	Company: ETA	Date/Time: 7/30 1910

NO CS IR#9 1.5-1 2

Job Number: 33763

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.5 °C	1.2 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038 Rev 4.1
10/22/2019

Initials: MM Date: 7/30/25

Login Sample Receipt Checklist

Client: GEI Consultants Inc

Job Number: 460-331763-1

Login Number: 331763
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix C Data Usability Summary Reports

Site: Patchogue, Long Island
Laboratory: Test America, Burlington, VT and Edison, NJ
Report Number: 460-331678
Reviewer: Darionna Malone/GEI Consultants
Date: September 9, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
TB-07282025	460-333678-1	BTEX
MW-10S	460-333678-2	BTEX, SVOC, SVOC SIM
MW-1	460-333678-3	BTEX, SVOC, SVOC SIM
MW-14S	460-333678-4	BTEX, SVOC, SVOC SIM
MW-7S	460-333678-5	BTEX, SVOC, SVOC SIM
MW-12S	460-333678-6	BTEX, SVOC, SVOC SIM
MW-12D	460-333678-7	BTEX, SVOC, SVOC SIM
DUP-01	460-333678-8	BTEX, SVOC, SVOC SIM
FB-07282025	460-333678-9	BTEX, SVOC, SVOC SIM

Associated QC samples:
Trip/Field Blank: TB-07282025, FB-07282025
Field Duplicate Pair: DUP-01/ MW-12D

The above-listed aqueous sample was collected on July 28, 2025 and was analyzed for BTEX volatile organic compounds (VOCs) by SW-846 method 8260D, semivolatile organic compounds (SVOCs) by SW-846 methods 8270E/SIM.

The data validation was performed in accordance with the following USEPA Region 2 Documents: Standard Operating Procedure (SOP) QA-HWSS-A-005 *Semivolatile Data Validation* (April 2022), SOP QA-HWSS-A-004 *Low/Medium Volatile Data Validation* (March 2022), and SOP QA-HWSS-A-009, as well as by the methods referenced by the data package and professional and technical judgment.

The data were evaluated based on the following parameters:

- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blanks
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Field Duplicate Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS)\LCS Duplicate (LCSD) Results
- Internal Standards
- ICP Serial Dilution Results
- Quantitation Limits
- Sample Quantitation and Compound Identification

All results appear usable as reported or usable with minor qualification due to uncertainty for levels below the reporting limit, LCSD recovery exceedance, and MSD recovery exceedances. These results were considered valid; even though qualified as discussed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as received by the laboratory.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

All initial and continuing calibration criteria were met.

Blanks

All criteria were met.

Surrogate Recoveries

All surrogate recovery criteria were met.

MS/MSD Results

Project MS/MSD analyses were performed on sample MW-12S for VOCs, SVOCs, and SVOC SIM. All recoveries and precision results were within acceptance limits, except where noted below.

MS/MSD Sample MW-12S					
Analyte	**MS (%)**	**MSD (%)**	**RPD (%)**	**Control Limits**	**Validation Action/Bias**
SVOCs					
Acenaphthene	56	-	-	58-127	Estimate (J/UJ) the detect and nondetect results for the associated compounds in sample MW-12S; Low bias.
Acenaphthylene	58	-	-	63-133	
Benzo[a]pyrene	62	-	-	64-148	
Fluorene	60	-	-	61-125	
- Criteria met					

Field Duplicate Results

Samples MW-12D and DUP-01 were identified as the field duplicate pair which were within acceptance criteria.

Analyte	**MW-12D (ug/L)**	**DUP-01 (ug/L)**	**RPD (%)**
Fluoranthene	0.022 J	0.041 J	Results < 2xRL
NC – Not calculable Criteria: When both results are ≥5x the RL, RPDs must be <30%. When results are < 5x the RL, the absolute difference between the original and field duplicate must be < 2xRL			

Laboratory Duplicate Results

Laboratory duplicate analysis was not performed with this sample set.

LCS\LCSD Results

All LCS and LCSD recovery and precision criteria were met except where noted below.

Compound	**Recovery (%)**	**RPD (%)**	**Control Limits (%)**	**LCS ID**	**Validation Action/Bias**
SVOCs					
2-Methylnaphthalene	-/112	-	45-110	LCS 460-1052770	Validation action not required. Sample results are nondetect, therefore not affected by the high bias.
Associated samples: MW-10S, MW-1, MW-14S, MW-7S, MW-12S, MW-12D, DUP-01, FB-07282025					
SVOC SIM					
Chrysene	-/46	-	47-150	LCS 460-1052770	Estimate (J/UJ) the detect and nondetect sample results for the associated compounds in samples MW-10S, MW-1, MW-14S, MW-

					7S, MW-12S, MW-12D, DUP-01, FB-07282025 . Low bias
Associated samples: MW-10S, MW-1, MW-14S, MW-7S, MW-12S, MW-12D, DUP-01, FB-07282025					
- Criteria met					

Internal Standards

All criteria were met.

ICP Serial Dilution Results

A batch (non-project) serial dilution analysis was reported for metals. Results from this analysis were not used to qualify project samples due to differences in sample type, matrix, etc.

Quantitation Limits

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL). If detected, these results were qualified as estimated (J) by the laboratory. The direction of the bias is indeterminate for these results.

No sample dilutions were performed.

Sample Quantitation and Compound Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

Site: Patchogue, Long Island
Laboratory: Test America, Burlington, VT and Edison, NJ
Report Number: 460-331763
Reviewer: Darionna Malone/GEI Consultants
Date: September 9, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
TB-07292025	460-332763-1	BTEX
MW-11S	460-332763-2	BTEX, SVOC, SVOC SIM
MW-8S	460-332763-3	BTEX, SVOC, SVOC SIM
MW-3	460-332763-4	BTEX, SVOC, SVOC SIM
MW-13S	460-332763-5	BTEX, SVOC, SVOC SIM
MW-13D	460-332763-6	BTEX, SVOC, SVOC SIM
MW-4S	460-332763-7	BTEX, SVOC, SVOC SIM

Associated QC samples:
Trip Blank: TB-07292025
Field Duplicate Pair: None associated

The above-listed aqueous sample was collected on July 29, 2025 and was analyzed for BTEX volatile organic compounds (VOCs) by SW-846 method 8260D, semivolatile organic compounds (SVOCs) by SW-846 methods 8270E/SIM.

The data validation was performed in accordance with the following USEPA Region 2 Documents: Standard Operating Procedure (SOP) QA-HWSS-A-005 *Semivolatile Data Validation* (April 2022), SOP QA-HWSS-A-004 *Low/Medium Volatile Data Validation* (March 2022), and SOP QA-HWSS-A-009, as well as by the methods referenced by the data package and professional and technical judgment.

The data were evaluated based on the following parameters:

- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blanks
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Field Duplicate Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS)\LCS Duplicate (LCSD) Results
- Internal Standards
- ICP Serial Dilution Results
- Quantitation Limits
- Sample Quantitation and Compound Identification

All results appear usable as reported or usable with minor qualification due to uncertainty for levels below the reporting limit. These results were considered valid; even though qualified as discussed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as received by the laboratory.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

All initial and continuing calibration criteria were met.

Blanks

All criteria were met.

Surrogate Recoveries

All surrogate recovery criteria were met.

MS/MSD Results

MS/MSD analysis was not associated with this sample set.

Field Duplicate Results

Field duplicate analysis was not associated with this sample set.

Laboratory Duplicate Results

Laboratory duplicate analysis was not performed with this sample set.

LCS\LCSD Results

All LCS and LCSD recovery and precision criteria were met.

Internal Standards

All criteria were met.

ICP Serial Dilution Results

A batch (non-project) serial dilution analysis was reported for metals. Results from this analysis were not used to qualify project samples due to differences in sample type, matrix, etc.

Quantitation Limits

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL). If detected, these results were qualified as estimated (J) by the laboratory. The direction of the bias is indeterminate for these results.

No sample dilutions were performed.

Sample Quantitation and Compound Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

Appendix D Evaluation of Potential Impact to River from Site Constituents in Groundwater – 2020 Data

Appendix F

Evaluation of Potential Impact to River from Site Constituents in Groundwater Patchogue Former MGP Site Patchogue, New York

As described in the First Quarter 2020 Groundwater Monitoring Report, some potentially MGP-related constituents were detected in the shallow groundwater (i.e., the upper ±18 feet) in the vicinity of the ISS mass during the first groundwater monitoring event following implementation of the site remedy. It is expected these constituents are a result of the short-term disturbance of the subsurface that occurred during implementation of the ISS and, their presence is temporary. Shallow groundwater generally flows from northwest to the south and southeast across the Site toward the Patchogue River (see Figure F-1 for a depiction of shallow groundwater flow). The concentrations of most of the constituents that were detected and potentially mobile in the dissolved phase in groundwater (benzene, ethylbenzene, xylenes and naphthalene) were below surface water quality criteria listed in the New York State Ambient Water Quality Standards and Guidance Values (NYSDEC, June 1998 with Addenda dated April 2000 and June 2004) that are applicable to the Patchogue River (the portion of the Patchogue River proximal to the Site is classified as a Class C water body per 6 NYCRR Part 897). Therefore, they do not have the potential to impact the river. However, the concentration in groundwater of three potentially mobile constituents (acenaphthene, fluorene and pyrene) were slightly above their respective applicable surface water quality criteria. Although it was not anticipated that these constituent concentrations would result in an impact to surface water quality if they discharged to the river, the following analysis was conducted to confirm this.

An analysis was conducted to assess the potential for discharge of site-related constituents in shallow groundwater to impact water quality in the Patchogue River. The evaluation was conducted by estimating the rate at which a mass of site-related constituents, dissolved in groundwater, may be contributing to the surface water in the Patchogue River (i.e., the mass flux of constituents from groundwater to surface water). This approach is consistent with that described in the document entitled "Groundwater Remediation Strategies Tool" (American Petroleum Institute Publication 4730, December 2003). The equation for calculating the mass flux of a constituent is:

$$mf = \Sigma C_i q_i A_i$$

Where: mf = total mass flux of dissolved constituent from the source (µg/sec)

C_i = concentration of the constituent (µg/mL=µg/cm^3)

q_i = specific discharge through the flow area (cm/sec)

where: $q_i = Ki$, with K= hydraulic conductivity (cm/sec) and i=hydraulic gradient (cm/cm)

A_i = flow area perpendicular to flow (cm^2)

where: $A_i = (L)(b)$, with L=width of constituent plume perpendicular to flow and b=plume thickness

In applying this evaluation to the Site, an estimate of mass flux of a constituent (in µg/sec) was calculated shallow groundwater. The mass flux for the shallow groundwater was calculated across a cross-sectional flow area positioned at the downgradient side of the former MGP site, aligned perpendicular to groundwater flow (which in this case is typically parallel or sub-parallel to the shore line). The vertical dimension of the flow area is equal to the plume thickness (b) within the shallow groundwater. The horizontal dimension of the flow area, L, is equal to the width of the constituent plume, which is based on the isoconcentration contours developed from the results of the March 2020 sampling event (see Figures F-2 through F-4). The concentration of site constituents in the Patchogue River resulting from groundwater discharge was estimated using the following equation:

$$C_R = mf_{sgw}/D_R$$

Where: C_R = Concentration of constituent in the river (µg/L)

mf_{sgw} = Mass flux to the river from shallow groundwater (µg/s)

D_R = Patchogue River volumetric flow (L/s)

To address some of the uncertainties in this evaluation, conservative assumptions were made in the above-described calculations which result in river water concentration estimates that are biased high. These assumptions are as follows:

- The hydraulic gradient (i) of groundwater is variable across the Site and thus, the highest hydraulic gradient value was used in the calculation. The larger the value of i, the greater the calculated value of mass flux.
- The plume thickness (b) was estimated conservatively by using the distance from the top of the water table to the top of the well screen of a deeper well at a well couplet, yet the actual plume thickness may be somewhat less, as site constituents were either not detected or detected at very low levels in the deeper wells positioned adjacent to the river. The larger the value of b, the greater the calculated value of mass flux.
- The river volumetric flow value used to calculate in river concentrations (11.2 ft^3/s or 317 L/s) was derived using a 7Q10 flow analysis (the lowest 7-day average flow that occurs, on average, once every 10 years) for the period April 1, 1958 through March 31, 1968 using data from a USGS river gauging station proximal the Site (USGS 01306000, Patchogue River at Patchogue New York). Thus, it was assumed for this estimate that the flow rate in the river is equal to that during periods of very low flow, and the lower the assumed river flow, the greater the estimated concentration in the river water. For comparison, the mean river flow rate at the same river gauging location using data from 1945 to 1976 is 20.4 ft^3/s (579 L/s). Table F-1 provides the data used to determine the 7Q10 flow in the Patchogue River. Attachment F-1 presents the data plotted on log probability paper and the resultant 7Q10 flow value.

To screen for potential impacts to the river, the estimated concentrations of acenaphthene, fluorene and pyrene were developed using the above-described method and compared to the New York State Ambient Water Quality Standards and Guidance Values (NYSDEC, June 1998 with Addenda dated April 2000 and June 2004). Listed in the table below are standards and guidance values for acenaphthene, fluorene and pyrene that are applicable to the various classes of fresh water.

Fresh Surface Water Standards and Guidance Values

Substance	Water Class (per 6NYCRR Part 701)	Standard (µg/l)	Guidance Value (µg/l)	Protection for:
Acenaphthene	A, A-S, AA, AA-S, B, C	--	5.3	Fish propagation
	A, A-S, AA, AA-S, B, C, D	--	48	Fish survival
	A, A-S, AA, AA-S	20	--	Aesthetics
Fluorene	A, A-S, AA, AA-S	--	50	Drinking water source
	A, A-S, AA, AA-S, B, C	--	0.54	Fish propagation
	A, A-S, AA, AA-S, B, C, D	--	4.8	Fish survival
Pyrene	A, A-S, AA, AA-S	--	50	Drinking water source
	A, A-S, AA, AA-S, B, C	--	4.6	Fish propagation
	A, A-S, AA, AA-S, B, C, D	--	42	Fish survival

Attachments F-2 through F-4 contain the calculations and results for each of these constituents. The estimated concentrations in the Patchogue River resulting from site groundwater impacts are as follows:

- Acenaphthene = 0.0033 µg/L
- Fluorene = 0.00050 µg/L
- Pyrene = 0.00127 µg/L

These conservatively-estimated (i.e., biased high) concentrations are three orders of magnitude below the surface water standards and guidance values listed above, including the lowest standard applicable to Class C surface waters. Also, the estimated concentration of fluorene is below the analytical laboratory detection limits for this constituent. Based on the evaluation conducted, site-related constituents in shallow groundwater do not impact surface water quality in the Patchogue River.

Tables

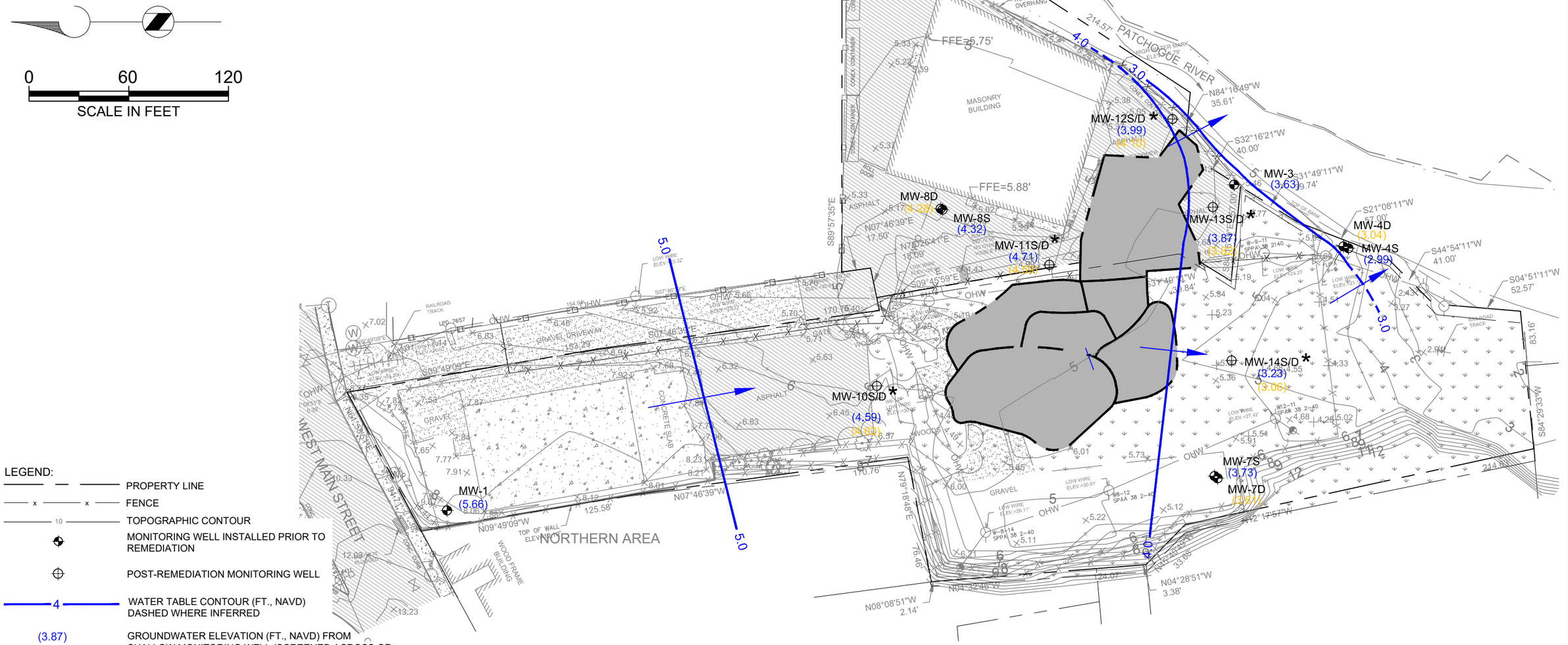
TABLE F-1
SUMMARY OF DATA USED TO CALCULATE 7Q10 FLOW IN PATCHOGUE RIVER
PATCHOGUE FORMER MGP SITE
PATCHOGUE, NEW YORK

Water Year[(1)]	Low Flow (ft^3/s)	Rank	Probability
1961	20.1	1	0.091
1958	19.1	2	0.182
1960	16.9	3	0.273
1962	16.6	4	0.364
1959	16.0	5	0.455
1967	14.4	6	0.545
1964	13.6	7	0.636
1965	12.9	8	0.727
1963	12.4	9	0.818
1966	11.1	10	0.909

Notes:
(1) - 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through 3/31/1968.

ft^3/s - cubic feet per second

Figures



LEGEND:

- PROPERTY LINE
- FENCE
- TOPOGRAPHIC CONTOUR
- MONITORING WELL INSTALLED PRIOR TO REMEDIATION
- POST-REMEDIATION MONITORING WELL
- WATER TABLE CONTOUR (FT., NAVD) DASHED WHERE INFERRED
- (3.87) GROUNDWATER ELEVATION (FT., NAVD) FROM SHALLOW MONITORING WELL (SCREENED ACROSS OR CLOSE TO WATER TABLE)
- (3.06) GROUNDWATER ELEVATION (FT., NAVD) FROM DEEP MONITORING WELL (SCREENED BELOW WATER TABLE). VALUE NOT USED FOR CONTOURING.
- GENERALIZED DIRECTION OF GROUNDWATER FLOW
- * HORIZONTAL LOCATION AND POSTED GROUNDWATER ELEVATION DATA IS APPROXIMATE, AS SURVEYING OF WELLS WILL BE PERFORMED FOLLOWING COMPLETION OF FINAL SITE RESTORATION ACTIVITIES.

NOTES:

1. BASE MAP INFORMATION OBTAINED FROM TETRA TECH EC, INC. DRAWING ENTITLED "CONCEPTUAL SITE MODEL", DATED DECEMBER 17, 2008.

Brown AND Caldwell

SCALE: 1" = 60'

153021

DATE: May 6, 2020

NATIONAL GRID
PATCHOGUE FORMER MGP SITE
VILLAGE OF PATCHOGUE, NEW YORK

WATER TABLE ELEVATION CONTOUR MAP
MARCH 17, 2020

FIGURE

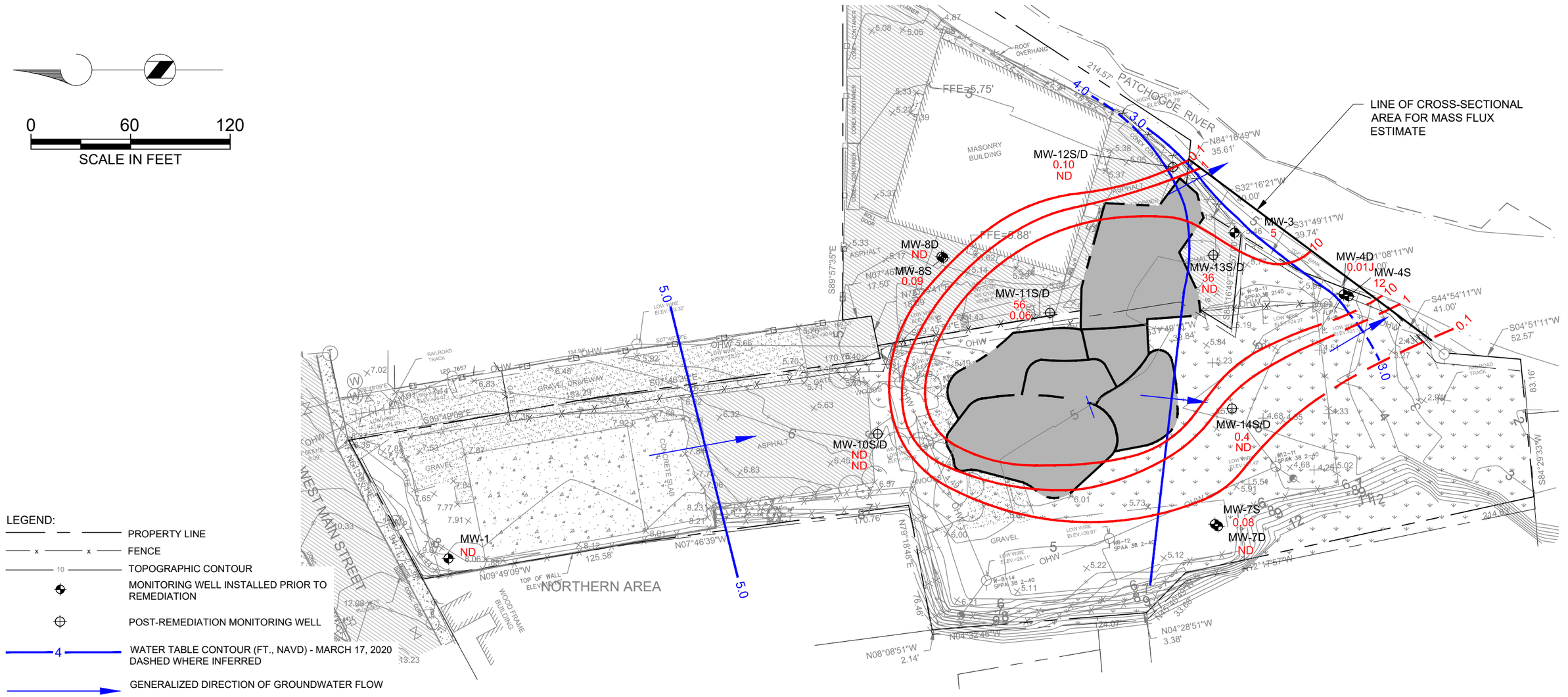
F-1

Path: \\bcusrfp01\Projects\DRAFTING\NATIONAL_GRID\Patchogue\Quarterly-GW-Contour-Map File Name: FIG-1(Mar2020) Plot Date: May 6, 2020 7:32 AM Cadd User: Alan Santiago

Path: \\bcusrfp01\Projects\DRAFTING\NATIONAL_GRID\Patchogue\Quarterly-GW-Contour-Map File Name: FIG-E_2_acenaphthene_March2020 Plot Date: May 29, 2020 10:20 AM Cadd User: Alan Santiago

0 60 120

SCALE IN FEET



LEGEND:

- PROPERTY LINE
- FENCE
- TOPOGRAPHIC CONTOUR
- MONITORING WELL INSTALLED PRIOR TO REMEDIATION
- POST-REMEDIATION MONITORING WELL
- WATER TABLE CONTOUR (FT., NAVD) - MARCH 17, 2020 DASHED WHERE INFERRED
- GENERALIZED DIRECTION OF GROUNDWATER FLOW
- ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED). LOGARITHMIC CONTOUR INTERVAL (µg/L)
- ACENAPHTHENE CONCENTRATION IN GROUNDWATER (µg/L) - MARCH 2020
- J — ESTIMATED CONCENTRATION
- ND — NOT DETECTED

NOTES:

1. BASE MAP INFORMATION OBTAINED FROM TETRA TECH EC, INC. DRAWING ENTITLED "CONCEPTUAL SITE MODEL", DATED DECEMBER 17, 2008.

Brown AND Caldwell

SCALE: 1" = 60'

153021

DATE: May 6, 2020

NATIONAL GRID
PATCHOGUE FORMER MGP SITE
VILLAGE OF PATCHOGUE, NEW YORK

ACENAPHTHENE IN GROUNDWATER MARCH 2020

FIGURE

F-2

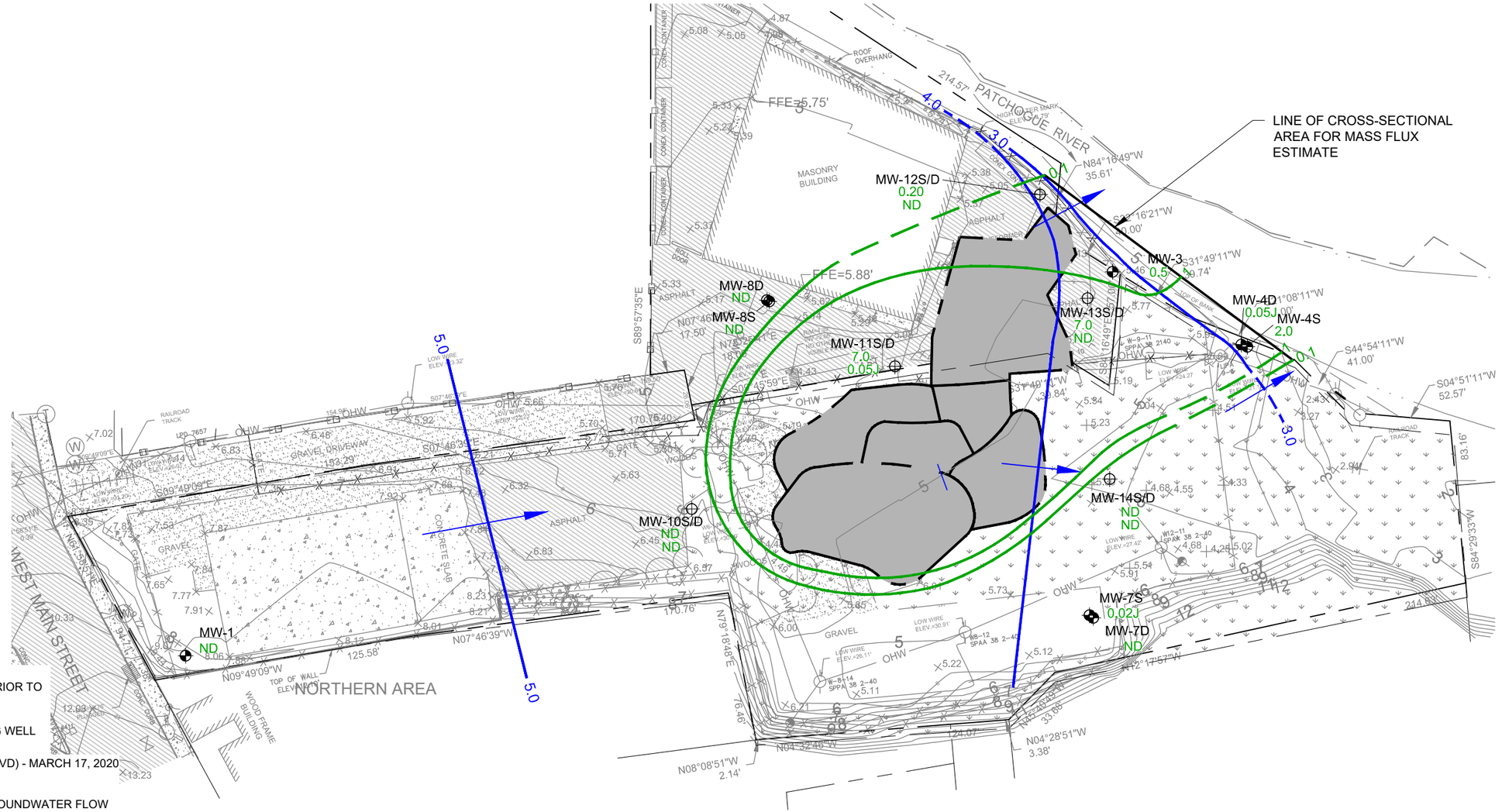
Path: \\bcusrfp01\Projects\DRAFTING\NATIONAL_GRID\Patchogue\Quarterly-GW-Contour-Map File Name: FIG-E_3_fluorene_March2020 Plot Date: May 29, 2020 10:23 AM Cadd User: Alan Santiago

0 60 120

SCALE IN FEET

LEGEND:

- PROPERTY LINE
- FENCE
- TOPOGRAPHIC CONTOUR
- MONITORING WELL INSTALLED PRIOR TO REMEDIATION
- POST-REMEDIATION MONITORING WELL
- WATER TABLE CONTOUR (FT., NAVD) - MARCH 17, 2020 DASHED WHERE INFERRED
- GENERALIZED DIRECTION OF GROUNDWATER FLOW
- ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED). LOGARITHMIC CONTOUR INTERVAL (µg/L)
- FLUORENE CONCENTRATION IN GROUNDWATER (µg/L) - MARCH 2020
- J ESTIMATED CONCENTRATION
- ND NOT DETECTED


LINE OF CROSS-SECTIONAL AREA FOR MASS FLUX ESTIMATE
PATCHOGUE RIVER
MW-1 ND
MW-3 0.5
MW-4D 0.05J
MW-4S 2.0
MW-7D ND
MW-7S 0.02J
MW-8D ND
MW-8S ND
MW-10S/D ND ND
MW-11S/D 7.0 0.05J
MW-12S/D 0.20 ND
MW-13S/D 7.0 ND
MW-14S/D ND ND
NORTHERN AREA
WEST MAIN STREET
MASONRY BUILDING
WOOD FRAME BUILDING
CONCRETE SLAB
GRAVEL
ASPHALT
GRAVEL DRIVEWAY
RAILROAD TRACK
FFE=5.75'
FFE=5.88'
214.57'
N84°16'49"W 35.61'
S32°16'21"W 41.00'
S31°49'11"W 40.74'
S21°08'11"W 41.00'
S44°54'11"W 41.00'
S04°51'11"W 52.57'
S84°29'33"W 214.83'
N12°17'57"W 33.88'
N04°28'51"W 3.38'
N08°08'51"W 2.14'
N04°52'46"W 24.07'
N79°18'48"E 76.46'
N79°46'39"W 170.76'
S07°46'39"E 170.76'
N07°46'39"W 125.58'
N09°49'09"W 154.96'
S09°49'09"E 153.29'
S89°57'35"E 214.57'
N07°46'39"W 17.50'
S07°46'39"E 18.00'
S37°40'45"W 39.84'
S45°59'E 39.43'
N51°59'E 39.39'
N51°59'E 39.39'
83.16'
83.16'
OHW
OHW
OHW

Path: \\bcusrfp01\Projects\DRAFTING\NATIONAL_GRID\Patchogue\Quarterly-GW-Contour-Map File Name: FIG-E_4_pyrene_March2020 Plot Date: May 29, 2020 10:21 AM Cadd User: Alan Santiago

0 60 120

SCALE IN FEET

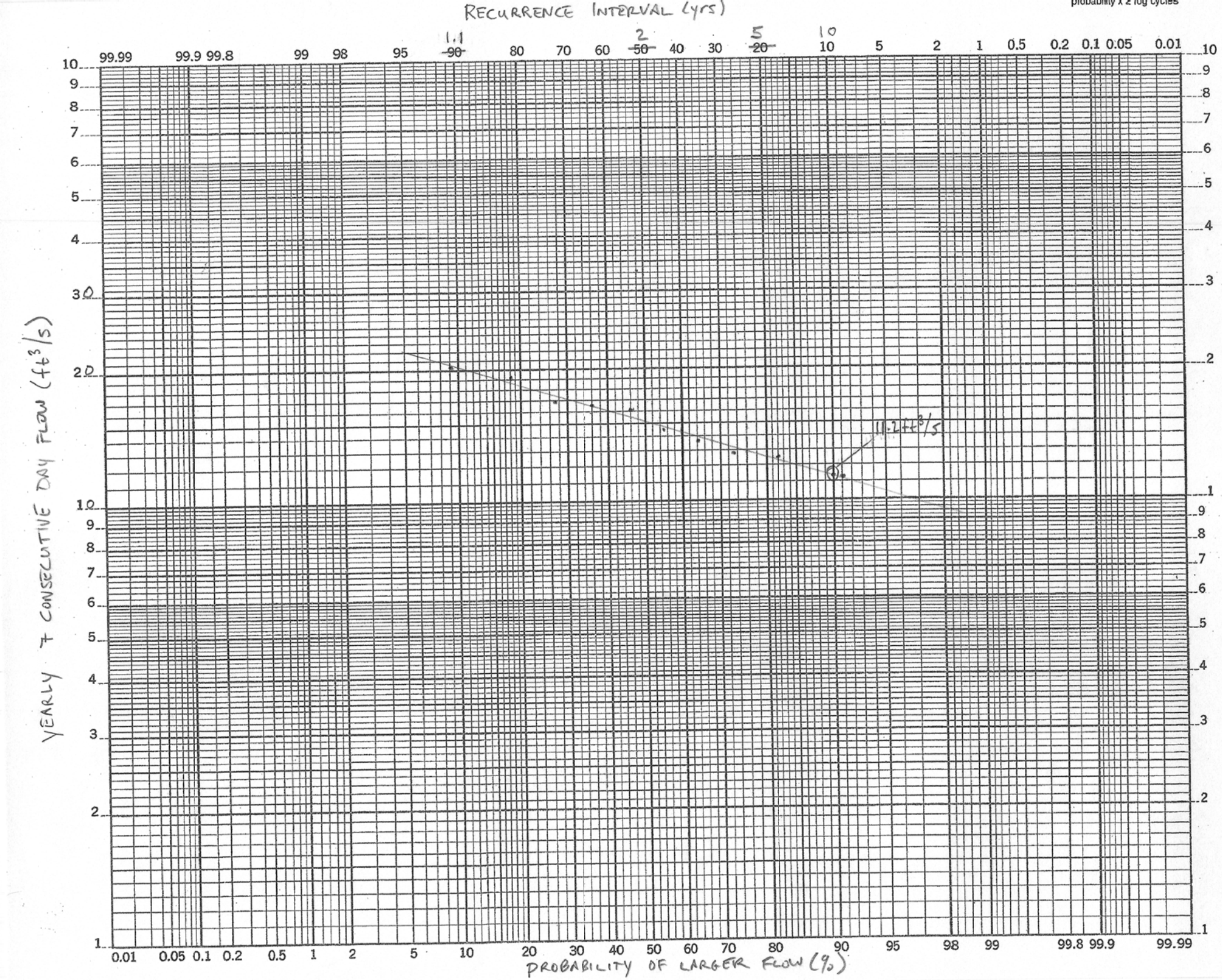
LEGEND:

- PROPERTY LINE
- x x FENCE
- 10 TOPOGRAPHIC CONTOUR
- MONITORING WELL INSTALLED PRIOR TO REMEDIATION
- POST-REMEDIATION MONITORING WELL
- 4 WATER TABLE CONTOUR (FT., NAVD) - MARCH 17, 2020 DASHED WHERE INFERRED
- GENERALIZED DIRECTION OF GROUNDWATER FLOW
- 1 ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED). LOGARITHMIC CONTOUR INTERVAL (µg/L)
- 5.0 PYRENE CONCENTRATION IN GROUNDWATER (µg/L) - MARCH 2020
- J ESTIMATED CONCENTRATION
- ND NOT DETECTED

NOTES:
1. BASE MAP INFORMATION OBTAINED FROM TETRA TECH EC, INC. DRAWING ENTITLED "CONCEPTUAL SITE MODEL", DATED DECEMBER 17, 2008.

Brown AND Caldwell	SCALE: 1" = 60' 153021 DATE: May 6, 2020	NATIONAL GRID PATCHOGUE FORMER MGP SITE VILLAGE OF PATCHOGUE, NEW YORK	PYRENE IN GROUNDWATER MARCH 2020	FIGURE F-4

Attachments


RECURRENCE INTERVAL (yrs)
1.1
2
5
10
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
probability x 2 log cycles
YEARLY 7 CONSECUTIVE DAY FLOW (ft³/s)
11.2 ft³/s
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99
PROBABILITY OF LARGER FLOW (%)

ATTACHMENT F-2
MASS FLUX CALCULATIONS - ACENAPHTHENE
PATCHOGUE RIVER

Mass Flux Calculation
Enter site data in yellow highlighted cells

Acenaphthene (March 2020) **Figure No.** See Figure F-2

$mf = kiA * C$

Where:
mf = mass flux, µg/s
k = hydraulic conductivity, cm/s
I = hydraulic gradient, dimensionless
A = cross-sectional area, $cm^{2\,(L * b)}$
C = (µg/L)/1000=$µg/cm^3$

Shallow Groundwater Flux

0.1-1 Contour

						Contour Interval	Geomean	Segment Length	Thickness
k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells	0.1			
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours	1	0.32	36	18
C=	0.316227766	µg/L =	0.000316228	$µg/cm^3$	Geometric mean concentration between selected contours	10	3.16	90	18
L =	36	ft =	1097.28	cm	Length of segment between selected contours [C]	12	10.95	45	18
b =	18	ft =	548.64	cm	Saturated thickness				
mf =	1.5E-02	µg/s	4.8E-01	g/yr	0.00105 lbs/yr				

1-10 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours
C=	3.16	µg/L =	0.003162278	$µg/cm^3$	Geometric mean concentration between selected contours
L =	90	ft =	2743.2	cm	Length of segment between selected contours [C]
b =	18	ft =	548.64	cm	Saturated thickness
mf =	3.8E-01	µg/s	1.2E+01	g/yr	0.0262 lbs/yr

10-12 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours
C=	10.95	µg/L =	0.010954451	$µg/cm^3$	Geometric mean concentration between selected contours
L =	45	ft =	1371.6	cm	Length of segment between selected contours [C]
b =	18	ft =	548.64	cm	Saturated thickness
mf =	6.5E-01	µg/s	2.1E+01	g/yr	0.045 lbs/yr
mf_{sgw} =	1	µg/s	33	g/yr	0.1 lbs/yr

River Concentration

$$C_R = \frac{mf_{sgw}}{D_R}$$

Where:
D_R = Patchogue River flow, L/s — 11.2 — 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through
mf_{sgw} = Shallow groundwater flux — See above

D_R = 11.2 ft^3/s = 317 L/s

C_R = 0.0033 µg/L

ATTACHMENT F-3
MASS FLUX CALCULATIONS - FLUORENE
PATCHOGUE RIVER

Mass Flux Calculation
Enter site data in yellow highlighted cells

Fluorene (March 2020) **Figure No.** See Figure F-3

$mf = kiA * C$

Where:
- mf = mass flux, µg/s
- k = hydraulic conductivity, cm/s
- I = hydraulic gradient, dimensionless
- A = cross-sectional area, $cm^{2\,(L * b)}$
- C = (µg/L)/1000=µg/cm^3

Shallow Groundwater Flux

0.1-1 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells	**Contour Interval**	**Geomean**
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours	0.1	
C=	0.316227766	µg/L =	0.000316228	µg/cm^3	Geometric mean concentration between selected contours	1	0.32
L =	90	ft =	2743.2	cm	Length of segment between selected contours [C]	2	1.41
b =	18	ft =	548.64	cm	Saturated thickness		

Segment Length	**Thickness**
90	18
65	18

mf =	3.8E-02	µg/s	1.2E+00	g/yr	0.00262 lbs/yr

1-2 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours
C=	1.41	µg/L =	0.001414214	µg/cm^3	Geometric mean concentration between selected contours
L =	65	ft =	1981.2	cm	Length of segment between selected contours [C]
b =	18	ft =	548.64	cm	Saturated thickness

mf =	1.2E-01	µg/s	3.8E+00	g/yr	0.0085 lbs/yr
mf_{sgw} =	0	µg/s	5	g/yr	0.0 lbs/yr

River Concentration

$$C_R = \frac{mf_{sgw}}{D_R}$$

Where:
- D_R = Patchogue River flow, L/s — 11.2 — 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through
- mf_{sgw} = Shallow groundwater flux — See above

D_R = 11.2 ft^3/s = 317 L/s

C_R = 0.00050 µg/L

ATTACHMENT F-4
MASS FLUX CALCULATIONS - PYRENE
PATCHOGUE RIVER

Mass Flux Calculation
Enter site data in yellow highlighted cells

Pyrene (March 2020) **Figure No.** See Figure F-4

$mf = kiA * C$

Where:
- mf = mass flux, µg/s
- k = hydraulic conductivity, cm/s
- I = hydraulic gradient, dimensionless
- A = cross-sectional area, $cm^{2\,(L * b)}$
- C = (µg/L)/1000=µg/cm^3

Shallow Groundwater Flux

0.1-1 Contour

								Contour Interval	Geomean	Segment Length	Thickness
k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells			0.1			
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours			1	0.32	38	18
C=	0.316227766	µg/L =	0.000316228	µg/cm^3	Geometric mean concentration between selected contours			5	2.24	130	18
L =	38	ft =	1158.24	cm	Length of segment between selected contours [C]						
b =	18	ft =	548.64	cm	Saturated thickness						
mf =	1.6E-02	µg/s	5.0E-01	g/yr	0.00111	lbs/yr					

1-5 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells		
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours		
C=	2.24	µg/L =	0.002236068	µg/cm^3	Geometric mean concentration between selected contours		
L =	130	ft =	3962.4	cm	Length of segment between selected contours [C]		
b =	18	ft =	548.64	cm	Saturated thickness		
mf =	3.9E-01	µg/s	1.2E+01	g/yr	0.0268	lbs/yr	
mf_{sgw} =	0	µg/s	13	g/yr	0.0	lbs/yr	

River Concentration

$$C_R = \frac{mf_{sgw}}{D_R}$$

Where:
- D_R = Patchogue River flow, L/s — 11.2 — 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through
- mf_{sgw} = Shallow groundwater flux — See above

D_R = 11.2 ft^3/s = 317 L/s

C_R = 0.00127 µg/L

Appendix G

Evaluation of Potential Impact to River from Site Constituents in Groundwater Patchogue Former MGP Site Patchogue, New York

As described in the Second Quarter 2020 Groundwater Monitoring Report, some potentially MGP-related constituents were detected in the shallow groundwater (i.e., the upper ±18 feet) in the vicinity of the ISS mass during the second groundwater monitoring event following implementation of the site remedy. It is expected these constituents are a result of the disturbance of the subsurface that occurred during implementation of the ISS and, their presence is temporary. Shallow groundwater generally flows from northwest to the south and southeast across the Site toward the Patchogue River (see Figure G-1 for a depiction of shallow groundwater flow). The concentrations of most of the constituents that were detected and potentially mobile in the dissolved phase in groundwater (benzene and ethylbenzene) were below surface water quality criteria listed in the New York State Ambient Water Quality Standards and Guidance Values (NYSDEC, June 1998 with Addenda dated April 2000 and June 2004) that are applicable to the Patchogue River (the portion of the Patchogue River proximal to the Site is classified as a Class C water body per 6 NYCRR Part 897). Therefore, they do not have the potential to impact the water quality in the river. However, the concentration in groundwater of four potentially mobile constituents (acenaphthene, fluorene, naphthalene and pyrene) were above their respective applicable surface water quality criteria. Although it was not anticipated that these constituent concentrations would result in an impact to surface water quality if they discharged to the river, a mass flux analysis was conducted to confirm this. The concentrations of acenaphthene, fluorene and pyrene in the June 2020 samples were similar (within the same order of magnitude) to those in the March 2020 samples. Since the estimated surface water concentrations of these three constituents based on the mass flux analysis using the March 2020 data (see Appendix F) were three orders of magnitude below applicable surface water criteria, an additional estimation of concentrations of these constituents in the river is not necessary, and the analysis discussed herein was conducted for naphthalene only.

An analysis was conducted to assess the potential for discharge of naphthalene in shallow groundwater to impact water quality in the Patchogue River. The evaluation was conducted by estimating the rate at which a mass of naphthalene, dissolved in groundwater, may be contributing to the surface water in the Patchogue River (i.e., the mass flux of constituents from groundwater to surface water). This approach is consistent with that described in the document entitled "Groundwater Remediation Strategies Tool" (American Petroleum Institute Publication 4730, December 2003). The equation for calculating the mass flux of a constituent is:

$$mf=\Sigma\ C_i q_i A_i$$

Where: mf = total mass flux of dissolved constituent from the source (µg/sec)

C_i = concentration of the constituent (µg/mL=µg/cm^3)

q_i = specific discharge through the flow area (cm/sec)

where: $q_i=Ki$, with K= hydraulic conductivity (cm/sec) and i=hydraulic gradient (cm/cm)

A_i = flow area perpendicular to flow (figure cm^2)

where: $A_i=(L)(b)$, with L=width of constituent plume perpendicular to flow and b=plume thickness

In applying this evaluation to the Site, an estimate of mass flux of a constituent (in µg/sec) was calculated for shallow groundwater. The mass flux for the shallow groundwater was calculated across a cross-sectional flow area positioned at the downgradient side of the former MGP site, aligned perpendicular to groundwater flow (which in this case is typically parallel or sub-parallel to the shore line). The vertical dimension of the flow area is equal to the plume thickness (b) within the shallow groundwater. The horizontal dimension of the flow area, L, is equal to the width of the constituent plume, which is based on the isoconcentration contours developed from the results of the June 2020 sampling event (see Figure G-2). The concentration of site constituents in the Patchogue River resulting from groundwater discharge was estimated using the following equation:

$$C_R=mf_{sgw}/D_R$$

Where: C_R = Concentration of constituent in the river (µg/L)

mf_{sgw} = Mass flux to the river from shallow groundwater (µg/s)

D_R = Patchogue River volumetric flow (L/s)

To address some of the uncertainties in this evaluation, conservative assumptions were made in the above-described calculations which result in river water concentration estimates that are biased high. These assumptions are as follows:

- The hydraulic gradient (i) of groundwater is variable across the Site and thus, the highest hydraulic gradient value was used in the calculation. The larger the value of i, the greater the calculated value of mass flux.
- The plume thickness (b) was estimated conservatively by using the distance from the top of the water table to the top of the well screen of a deeper well at a well couplet, yet the actual plume thickness may be somewhat less, as site constituents were either not detected or detected at very low levels in the deeper wells positioned adjacent to the river. The larger the value of b, the greater the calculated value of mass flux.
- The river volumetric flow value used to calculate in river concentrations (11.2 ft^3/s or 317 L/s) was derived using a 7Q10 flow analysis (the lowest 7-day average flow that occurs, on average, once every 10 years) for the period April 1, 1958 through March 31, 1968 using data from a USGS river gauging station proximal the Site (USGS 01306000, Patchogue River at Patchogue New York). Thus, it was assumed for this estimate that the flow rate in the river is equal to that during periods of very low flow, and the lower the assumed river flow, the greater the estimated concentration in the river water. For comparison, the mean river flow rate at the same river gauging location using data from 1945 to 1976 is 20.4 ft^3/s (579 L/s). Table G-1 provides the data used to determine the 7Q10 flow in the Patchogue River. Attachment G-1 presents the data plotted on log probability paper and the resultant 7Q10 flow value.

To screen for potential impacts to the river, the estimated concentration of naphthalene was calculated using the above-described method and compared to the New York State Ambient Water Quality Standards and Guidance Values (NYSDEC, June 1998 with Addenda dated April 2000 and June 2004). Listed in the table below are standards and guidance values for naphthalene that are applicable to the various classes of fresh water.

Fresh Surface Water Standards and Guidance Values

Substance	Water Class (per 6NYCRR Part 701)	Standard (µg/l)	Guidance Value (µg/l)	Protection for:
Naphthalene	A, A-S, AA, AA-S, B, C	--	13	Fish propagation
	A, A-S, AA, AA-S, B, C, D	--	110	Fish survival
	A, A-S, AA, AA-S	10	--	Aesthetics

Attachment G-2 contains the calculations and results for this constituent. The estimated concentration of naphthalene in the Patchogue River resulting from site groundwater impacts is 0.0197 µg/L. This conservatively-estimated (i.e., biased high) concentration is three orders of magnitude below the surface water standards and guidance values listed above, including the lowest standard applicable to Class C surface waters. Also, the estimated concentration is below the analytical laboratory detection limits for this constituent. Based on the evaluation conducted, site-related constituents in shallow groundwater do not impact surface water quality in the Patchogue River.

Tables

TABLE G-1
SUMMARY OF DATA USED TO CALCULATE 7Q10 FLOW IN PATCHOGUE RIVER
PATCHOGUE FORMER MGP SITE
PATCHOGUE, NEW YORK

Water Year[(1)]	Low Flow (ft^3/s)	Rank	Probability
1961	20.1	1	0.091
1958	19.1	2	0.182
1960	16.9	3	0.273
1962	16.6	4	0.364
1959	16.0	5	0.455
1967	14.4	6	0.545
1964	13.6	7	0.636
1965	12.9	8	0.727
1963	12.4	9	0.818
1966	11.1	10	0.909

Notes:
(1) - 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through 3/31/1968.

ft^3/s - cubic feet per second

Figures

Path: P:\DRAFTING\NATIONAL_GRID\Patchogue\Quarterly-GW-Contour-Map File Name: FIG-1-(June-2020) Plot Date: September 16, 2020 1:43 PM Cadd User: Robert Near

0 60 120

SCALE IN FEET

LEGEND:

- PROPERTY LINE
- FENCE
- TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- STAFF GAGE LOCATION
- 4.0 — WATER TABLE CONTOUR (FT., NAVD) DASHED WHERE INFERRED
- (4.30) — GROUNDWATER ELEVATION (FT., NAVD) FROM SHALLOW MONITORING WELL (SCREENED ACROSS OR CLOSE TO WATER TABLE) OR RIVER LEVEL FROM STAFF GAUGE (FT., NAVD).
- (4.34) — GROUNDWATER ELEVATION (FT., NAVD) FROM DEEP MONITORING WELL (SCREENED BELOW WATER TABLE). VALUE NOT USED FOR CONTOURING.
- GENERALIZED DIRECTION OF GROUNDWATER FLOW

NOTES:

1. BASE MAP INFORMATION OBTAINED FROM TETRA TECH EC, INC. DRAWING ENTITLED "CONCEPTUAL SITE MODEL", DATED DECEMBER 17, 2008.

Brown AND Caldwell

SCALE: 1" = 60'

153021

DATE: July 29, 2020

NATIONAL GRID
PATCHOGUE FORMER MGP SITE
VILLAGE OF PATCHOGUE, NEW YORK

WATER TABLE ELEVATION CONTOUR MAP
JUNE 29, 2020

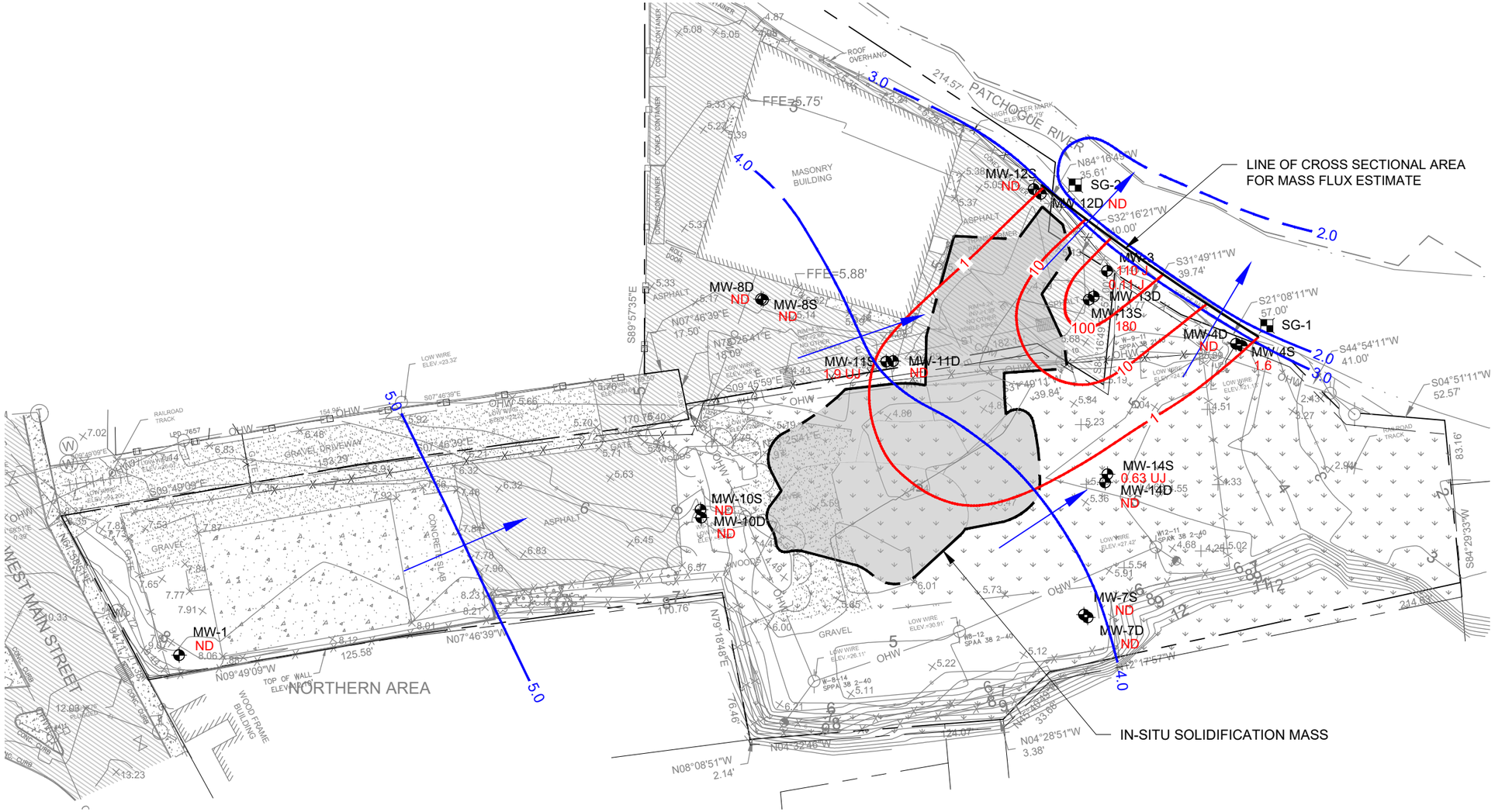
FIGURE

G-1

Path: P:\DRAFTING\NATIONAL_GRID\Patchogue\Quarterly-GW-Contour-Map File Name: FIG-2_acenaphthene(June2020) Plot Date: September 16, 2020 1:43 PM Cadd User: Robert Near

0 60 120

SCALE IN FEET



LEGEND:

- PROPERTY LINE
- FENCE
- TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- STAFF GAGE LOCATION
- 4.0 — WATER TABLE CONTOUR (FT., NAVD) DASHED WHERE INFERRED
- GENERALIZED DIRECTION OF GROUNDWATER FLOW
- 10 — ISOCONCENTRATION CONTOUR. LOGARITHMIC CONTOUR INTERVAL (µg/L)
- 1.6 — NAPHTHALENE CONCENTRATION IN GROUNDWATER (µg/L) - JUNE 2020
- J — ESTIMATED CONCENTRATION
- ND — NOT DETECTED

NOTES:

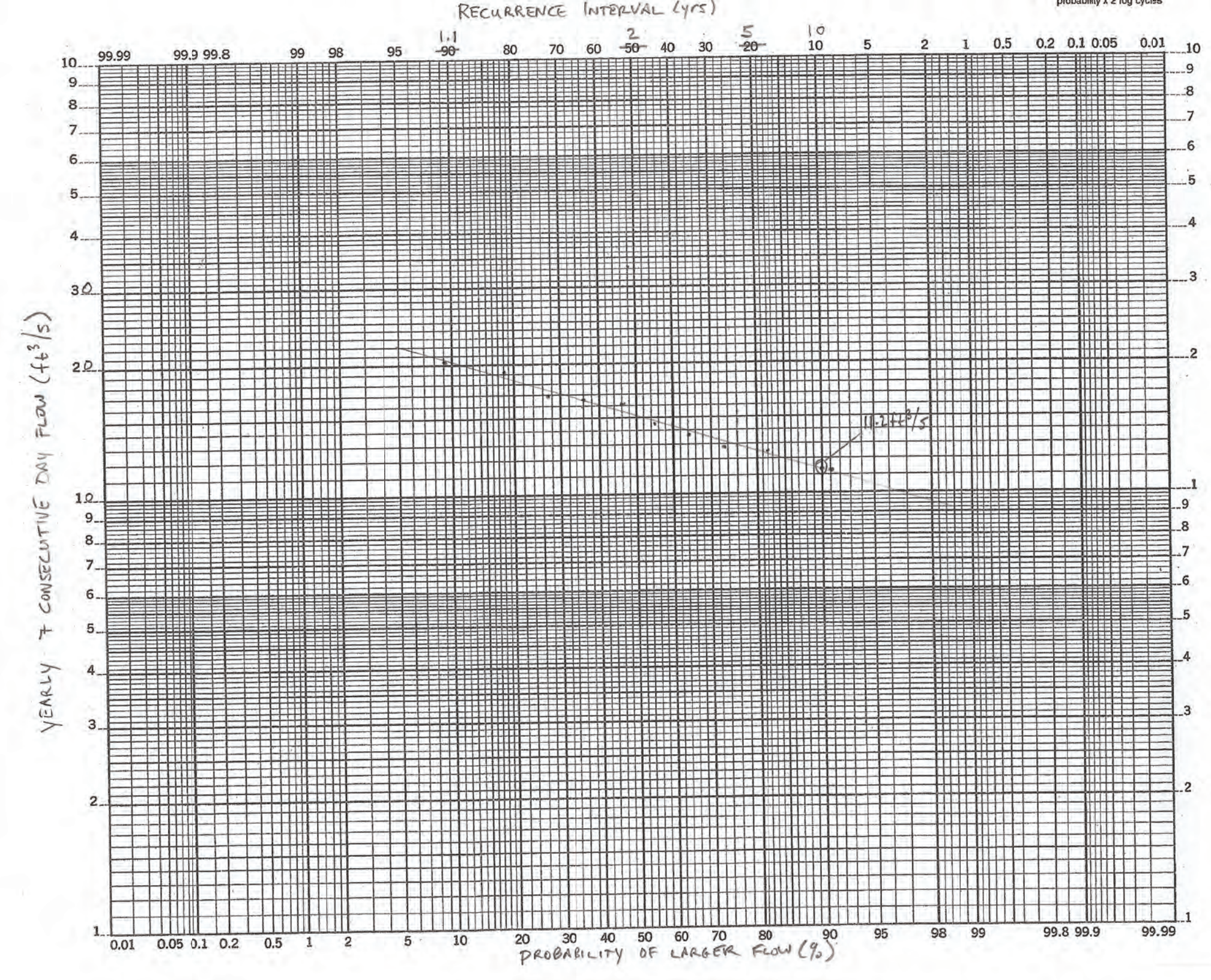
1. BASE MAP INFORMATION OBTAINED FROM TETRA TECH EC, INC. DRAWING ENTITLED "CONCEPTUAL SITE MODEL", DATED DECEMBER 17, 2008.

Brown AND Caldwell	SCALE: 1" = 60' 153021 DATE: September 11, 2020	NATIONAL GRID PATCHOGUE FORMER MGP SITE VILLAGE OF PATCHOGUE, NEW YORK	NAPHTHALENE IN GROUNDWATER JUNE 2020

FIGURE

G-2

Attachments


RECURRENCE INTERVAL (yrs)
1.1
2
5
10
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
YEARLY 7 CONSECUTIVE DAY FLOW (ft³/s)
11.2 ft³/s
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99
PROBABILITY OF LARGER FLOW (%)

ATTACHMENT G-2
MASS FLUX CALCULATIONS - NAPHTHALENE
PATCHOGUE RIVER

Mass Flux Calculation
Enter site data in yellow highlighted cells

Naphthalene (June 2020) **Figure No.** See Figure G-2

$mf = kiA * C$

Where:
mf = mass flux, µg/s
k = hydraulic conductivity, cm/s
I = hydraulic gradient, dimensionless
A = cross-sectional area, $cm^{2\,(L * b)}$
C = (µg/L)/1000=µg/cm^3

Shallow Groundwater Flux

1-10 Contour

						Contour Interval	Geomean	Segment Length	Thickness
k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells				
i =	0.014	hydraulic gradient, dimensionless			Measured in vicinity of selected contours	1			
C=	3.16	µg/L =	0.00316	µg/cm^3	Geometric mean concentration between selected contours	10	3.16	66	18
L =	66	ft =	2011.68	cm	Length of segment between selected contours [C]	100	31.62	32	18
b =	18	ft =	548.64	cm	Saturated thickness	110	104.88	30	18
mf =	3.0E-01	µg/s	9.4E+00	g/yr	0.02070 lbs/yr				

10-100 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells
i =	0.014	hydraulic gradient, dimensionless			Measured in vicinity of selected contours
C=	31.62	µg/L =	0.0316	µg/cm^3	Geometric mean concentration between selected contours
L =	32	ft =	975.36	cm	Length of segment between selected contours [C]
b =	18	ft =	548.64	cm	Saturated thickness
mf =	1.4E+00	µg/s	4.6E+01	g/yr	0.1003 lbs/yr

100-110 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells
i =	0.014	hydraulic gradient, dimensionless			Measured in vicinity of selected contours
C=	104.88	µg/L =	0.105	µg/cm^3	Geometric mean concentration between selected contours
L =	30	ft =	914.4	cm	Length of segment between selected contours [C]
b =	18	ft =	548.64	cm	Saturated thickness
mf =	4.5E+00	µg/s	1.4E+02	g/yr	0.312 lbs/yr
mf_{sgw} =	6	µg/s	197	g/yr	0.4 lbs/yr

River Concentration

$$C_R = \frac{mf_{sgw}}{D_R}$$

Where:
D_R = Patchogue River flow, L/s — 11.2 — 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through
mf_{sgw} = Shallow groundwater flux — See above

D_R = 11.2 ft^3/s = 317 L/s

C_R = 0.0197 µg/L

Appendix E

Evaluation of Potential Impact to River from Site Constituents in Groundwater Patchogue Former MGP Site Patchogue, New York

As described in the Third Quarter 2020 Groundwater Monitoring Report, some potentially MGP-related constituents were detected in the shallow groundwater (i.e., the upper ±18 feet) in the vicinity of the ISS mass during the first groundwater monitoring event following implementation of the site remedy. It is expected these constituents are a result of the short-term disturbance of the subsurface that occurred during implementation of the ISS and, their presence is temporary. Shallow groundwater generally flows from northwest to the south and southeast across the Site toward the Patchogue River (see Figure E-1 for a depiction of shallow groundwater flow). The concentrations of most of the constituents that were detected and potentially mobile in the dissolved phase in groundwater (benzene and ethylbenzene) were below surface water quality criteria listed in the New York State Ambient Water Quality Standards and Guidance Values (NYSDEC, June 1998 with Addenda dated April 2000 and June 2004) that are applicable to the Patchogue River (the portion of the Patchogue River proximal to the Site is classified as a Class C water body per 6 NYCRR Part 897). Therefore, they do not have the potential to impact the river. However, the concentration of six constituents (acenaphthene, benzo(a)anthracene, fluorene, naphthalene, phenanthrene and pyrene) were detected above their respective applicable surface water quality criteria in downgradient monitoring wells proximal to the river (MW-3 and MW-4S). Although it was not anticipated that these constituent concentrations would result in an impact to surface water quality if they discharged to the river, the following analysis was conducted to confirm this. The concentrations of acenaphthene and naphthalene in the September 2020 samples were similar (within the same order of magnitude) to those in the March and June 2020 samples. Since the estimated surface water concentrations of these two constituents based on the mass flux analysis using the March and June 2020 data were three orders of magnitude below applicable surface water criteria, an additional estimation of concentrations of these constituents in the river is not necessary. However, due to increased concentrations of benzo(a)anthracene, fluorene, phenanthrene and pyrene in MW-3, an additional analysis was conducted for these constituents.

An analysis was conducted to assess the potential for discharge of site-related constituents in shallow groundwater to impact water quality in the Patchogue River. The evaluation was conducted by estimating the rate at which a mass of site-related constituents, dissolved in groundwater, may be contributing to the surface water in the Patchogue River (i.e., the mass flux of constituents from groundwater to surface water). This approach is consistent with that described in the document entitled "Groundwater Remediation Strategies Tool" (American Petroleum Institute Publication 4730, December 2003). The equation for calculating the mass flux of a constituent is:

$$mf = \Sigma C_i q_i A_i$$

Where: mf = total mass flux of dissolved constituent from the source (µg/sec)

C_i = concentration of the constituent (µg/mL=µg/cm^3)

q_i = specific discharge through the flow area (cm/sec)

where: q_i=Ki, with K= hydraulic conductivity (cm/sec) and i=hydraulic gradient (cm/cm)

A_i = flow area perpendicular to flow (cm^2)

where: A_i=(L)(b), with L=width of constituent plume perpendicular to flow and b=plume thickness

In applying this evaluation to the Site, an estimate of mass flux of a constituent (in µg/sec) was calculated shallow groundwater. The mass flux for the shallow groundwater was calculated across a cross-sectional flow area positioned at the downgradient side of the former MGP site, aligned perpendicular to groundwater flow (which in this case is typically parallel or sub-parallel to the shore line). The vertical dimension of the flow area is equal to the plume thickness (b) within the shallow groundwater. The horizontal dimension of the flow area, L, is equal to the width of the constituent plume, which is based on the isoconcentration contours developed from the results of the September 2020 sampling event (see Figures E-2 through E-5). The concentration of site constituents in the Patchogue River resulting from groundwater discharge was estimated using the following equation:

$$C_R = mf_{sgw}/D_R$$

Where: C_R = Concentration of constituent in the river (µg/L)

mf_{sgw} = Mass flux to the river from shallow groundwater (µg/s)

D_R = Patchogue River volumetric flow (L/s)

To address some of the uncertainties in this evaluation, conservative assumptions were made in the above-described calculations which result in river water concentration estimates that are biased high. These assumptions are as follows:

- The hydraulic gradient (i) of groundwater is variable across the Site and thus, the highest hydraulic gradient value was used in the calculation. The larger the value of i, the greater the calculated value of mass flux.
- The plume thickness (b) was estimated conservatively by using the distance from the top of the water table to the top of the well screen of a deeper well at a well couplet, yet the actual plume thickness may be somewhat less, as site constituents were either not detected or detected at very low levels in the deeper wells positioned adjacent to the river. The larger the value of b, the greater the calculated value of mass flux.
- The river volumetric flow value used to calculate in river concentrations (11.2 ft^3/s or 317 L/s) was derived using a 7Q10 flow analysis (the lowest 7-day average flow that occurs, on average, once every 10 years) for the period April 1, 1958 through March 31, 1968 using data from a USGS river gauging station proximal the Site (USGS 01306000, Patchogue River at Patchogue New York). Thus, it was assumed for this estimate that the flow rate in the river is equal to that during periods of very low flow, and the lower the assumed river flow, the greater the estimated concentration in the river water. For comparison, the mean river flow rate at the same river gauging location using data from 1945 to 1976 is 20.4 ft^3/s (579 L/s). Table F-1 provides the data used to determine the 7Q10 flow in the Patchogue River. Attachment F-1 presents the data plotted on log probability paper and the resultant 7Q10 flow value.

To screen for potential impacts to the river, the estimated concentrations of benzo(a)anthracene, fluorene, phenanthrene and pyrene were developed using the above-described method and compared to the New York State Ambient Water Quality Standards and Guidance Values (NYSDEC, June 1998 with Addenda dated April 2000 and June 2004). Listed in the table below are standards and guidance values for benzo(a)anthracene, fluorene, phenanthrene and pyrene that are applicable to Class C Fresh Water (no standards have been developed for these compounds).

Class C Fresh Surface Water Standards and Guidance Values

Substance	Water Class (per 6NYCRR Part 701)	Standard (µg/l)	Guidance Value (µg/l)	Protection for:
Benzo(a)anthracene	A, A-S, AA, AA-S, B, C	--	0.03	Fish propagation
	A, A-S, AA, AA-S, B, C, D	--	0.23	Fish survival
Fluorene	A, A-S, AA, AA-S, B, C	--	0.54	Fish propagation
	A, A-S, AA, AA-S, B, C, D	--	4.8	Fish survival
Phenanthrene	A, A-S, AA, AA-S, B, C	--	5.0	Fish propagation
	A, A-S, AA, AA-S, B, C, D	--	45	Fish survival
Pyrene	A, A-S, AA, AA-S, B, C	--	4.6	Fish propagation
	A, A-S, AA, AA-S, B, C, D	--	42	Fish survival

Attachments E-2 through E-5 contain the calculations and results for each of these constituents. The estimated concentrations in the Patchogue River resulting from site groundwater impacts are as follows:

- Benzo(a)anthracene = 0.0008 µg/L
- Fluorene = 0.003 µg/L
- Phenanthrene = 0.001 µg/L
- Pyrene = 0.007 µg/L

These conservatively-estimated (i.e., biased high) concentrations are below the surface water standards and guidance values listed above, including the lowest standard applicable to Class C surface waters. Also, the estimated concentrations are below the analytical laboratory detection limits for these constituents. Based on the evaluation conducted, site-related constituents in shallow groundwater do not impact surface water quality in the Patchogue River.

Tables

TABLE E-1
SUMMARY OF DATA USED TO CALCULATE 7Q10 FLOW IN PATCHOGUE RIVER
PATCHOGUE FORMER MGP SITE
PATCHOGUE, NEW YORK

Water Year[(1)]	Low Flow (ft^3/s)	Rank	Probability
1961	20.1	1	0.091
1958	19.1	2	0.182
1960	16.9	3	0.273
1962	16.6	4	0.364
1959	16.0	5	0.455
1967	14.4	6	0.545
1964	13.6	7	0.636
1965	12.9	8	0.727
1963	12.4	9	0.818
1966	11.1	10	0.909

Notes:
(1) - 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through 3/31/1968.

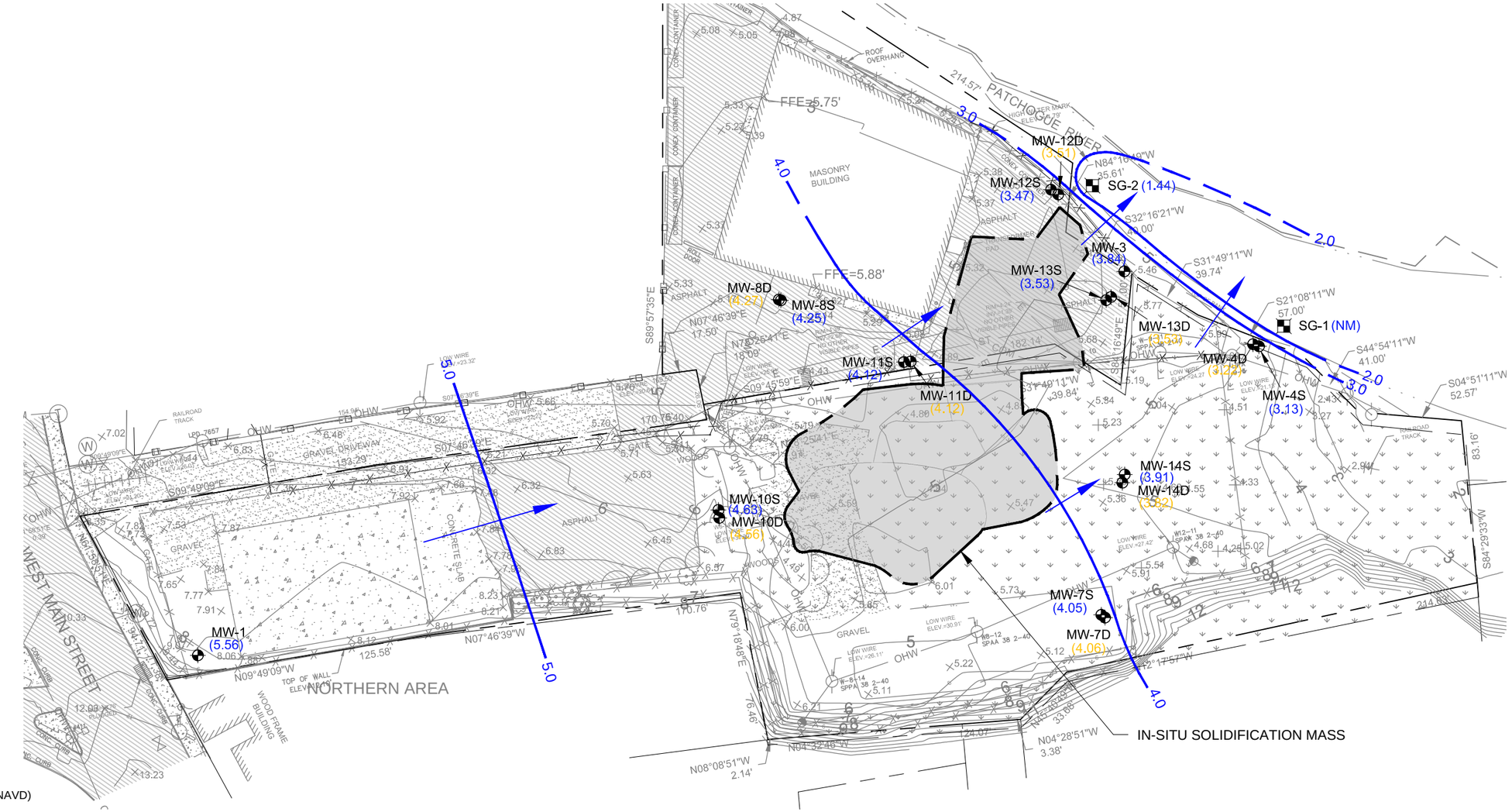
ft^3/s - cubic feet per second

Figures

Path: \\bcusrfp01\Projects\DRAFTING\NATIONAL_GRID\Patchogue\Quarterly-GW-Contour-Map File Name: FIG-1-(Sept-2020) Plot Date: December 4, 2020 11:07 AM Cadd User: Alan Santiago

0 60 120

SCALE IN FEET



LEGEND:

- PROPERTY LINE
- FENCE
- TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- STAFF GAGE LOCATION
- 4.0 — WATER TABLE CONTOUR (FT., NAVD) DASHED WHERE INFERRED
- (4.30) — GROUNDWATER ELEVATION (FT., NAVD) FROM SHALLOW MONITORING WELL (SCREENED ACROSS OR CLOSE TO WATER TABLE) OR RIVER LEVEL FROM STAFF GAUGE (FT., NAVD).
- (4.34) — GROUNDWATER ELEVATION (FT., NAVD) FROM DEEP MONITORING WELL (SCREENED BELOW WATER TABLE). VALUE NOT USED FOR CONTOURING.
- GENERALIZED DIRECTION OF GROUNDWATER FLOW

NOTES:

1. BASE MAP INFORMATION OBTAINED FROM TETRA TECH EC, INC. DRAWING ENTITLED "CONCEPTUAL SITE MODEL", DATED DECEMBER 17, 2008.

Brown AND Caldwell

SCALE: 1" = 60'

153021

DATE: July 29, 2020

NATIONAL GRID
PATCHOGUE FORMER MGP SITE
VILLAGE OF PATCHOGUE, NEW YORK

WATER TABLE ELEVATION CONTOUR MAP SEPTEMBER, 2020

FIGURE

E-1

Path: \\bcusrfp011\Projects\DRAFTING\NATIONAL_GRID\PatchoguetQuarterly-GW-Contour-Map File Name: FIG-E-2_Benzo(a)athracene-(Sept-2020) Plot Date: December 4, 2020 11:08 AM Cadd User: Alan Santiago

0 60 120

SCALE IN FEET

LEGEND:

- PROPERTY LINE
- FENCE
- TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- STAFF GAGE LOCATION
- 4.0 — WATER TABLE CONTOUR (FT., NAVD) - SEPTEMBER 28, 2020 - DASHED WHERE INFERRED
- GENERALIZED DIRECTION OF GROUNDWATER FLOW
- 2.4 — BENZO(a)ANTHRACENE CONCENTRATION IN GROUNDWATER (µg/L) - SEPTEMBER 2020
- ND — NOT DETECTED
- J — ESTIMATED CONCENTRATION
- 1 — ISOCONCENTRATION CONTOUR. LOGARITHMIC CONTOUR INTERVAL (µg/L).

NOTES:

1. BASE MAP INFORMATION OBTAINED FROM TETRA TECH EC, INC. DRAWING ENTITLED "CONCEPTUAL SITE MODEL", DATED DECEMBER 17, 2008.

LINE OF CROSS-SECTIONAL AREA FOR MASS FLUX ESTIMATE

IN-SITU SOLIDIFICATION MASS

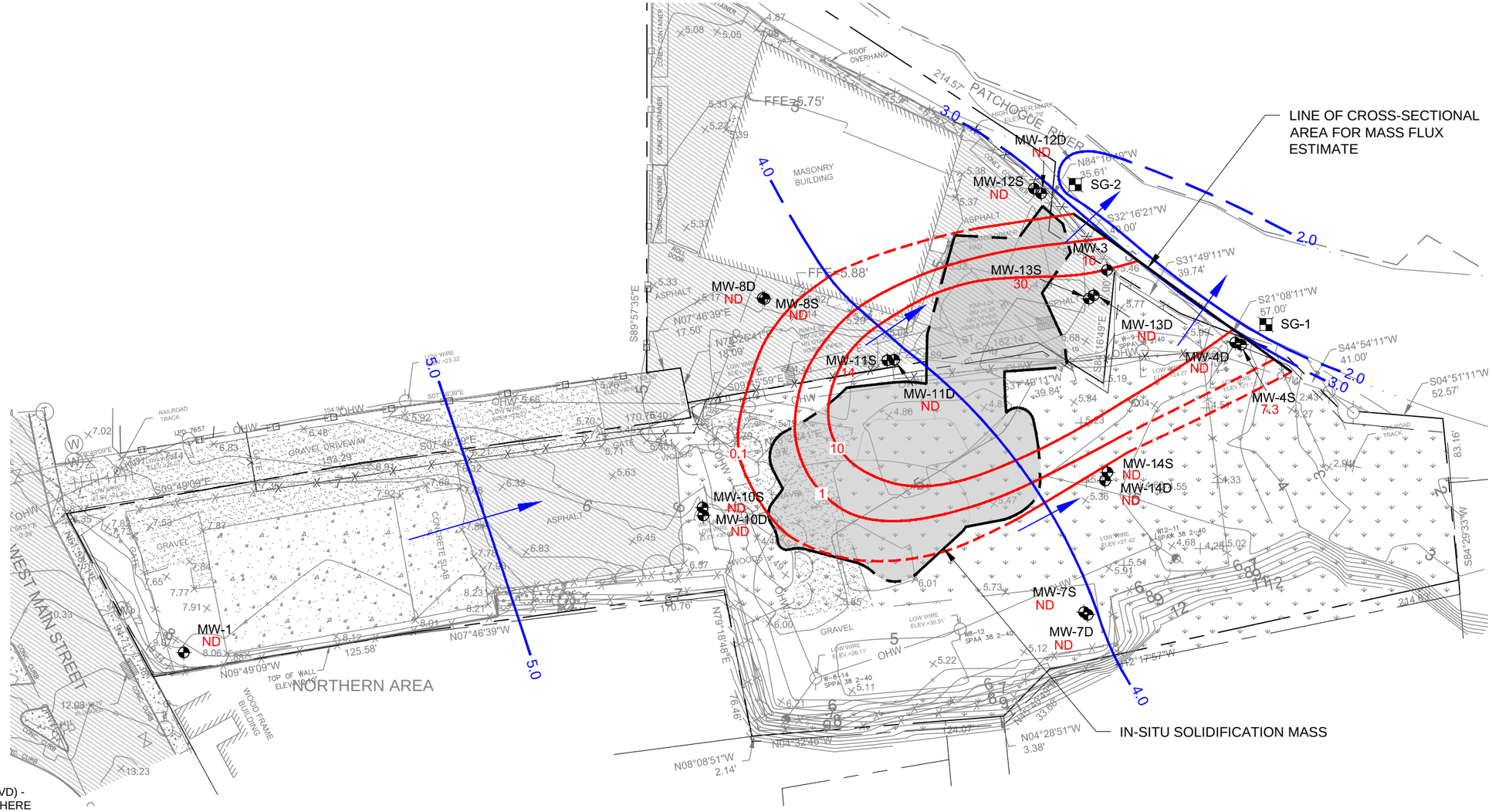
NORTHERN AREA

Brown AND Caldwell	SCALE: 1" = 60' 153021 DATE: November 17, 2020	NATIONAL GRID PATCHOGUE FORMER MGP SITE VILLAGE OF PATCHOGUE, NEW YORK	BENZO(a)ANTHRACENE IN GROUNDWATER (µg/L) SEPTEMBER 2020	FIGURE E-2

Path: \\bcusrfp01\Projects\DRAFTING\NATIONAL_GRID\Patchogue\Quarterly-GW-Contour-Map File Name: FIG-E-3_Fluorene-(Sept-2020) Plot Date: December 4, 2020 11:10 AM Cadd User: Alan Santiago

0 60 120

SCALE IN FEET



LEGEND:

- PROPERTY LINE
- FENCE
- TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- STAFF GAGE LOCATION
- 4.0 — WATER TABLE CONTOUR (FT., NAVD) - SEPTEMBER 28, 2020 - DASHED WHERE INFERRED
- GENERALIZED DIRECTION OF GROUNDWATER FLOW
- 10 — FLUORENE CONCENTRATION IN GROUNDWATER (µg/L) - SEPTEMBER 2020
- ND — NOT DETECTED
- 10 — ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED). LOGARITHMIC CONTOUR INTERVAL (µg/L).

NOTES:

1. BASE MAP INFORMATION OBTAINED FROM TETRA TECH EC, INC. DRAWING ENTITLED "CONCEPTUAL SITE MODEL", DATED DECEMBER 17, 2008.

Brown AND Caldwell

SCALE: 1" = 60'

153021

DATE: November 17, 2020

NATIONAL GRID
PATCHOGUE FORMER MGP SITE
VILLAGE OF PATCHOGUE, NEW YORK

FLUORENE IN GROUNDWATER (µg/L) SEPTEMBER 2020

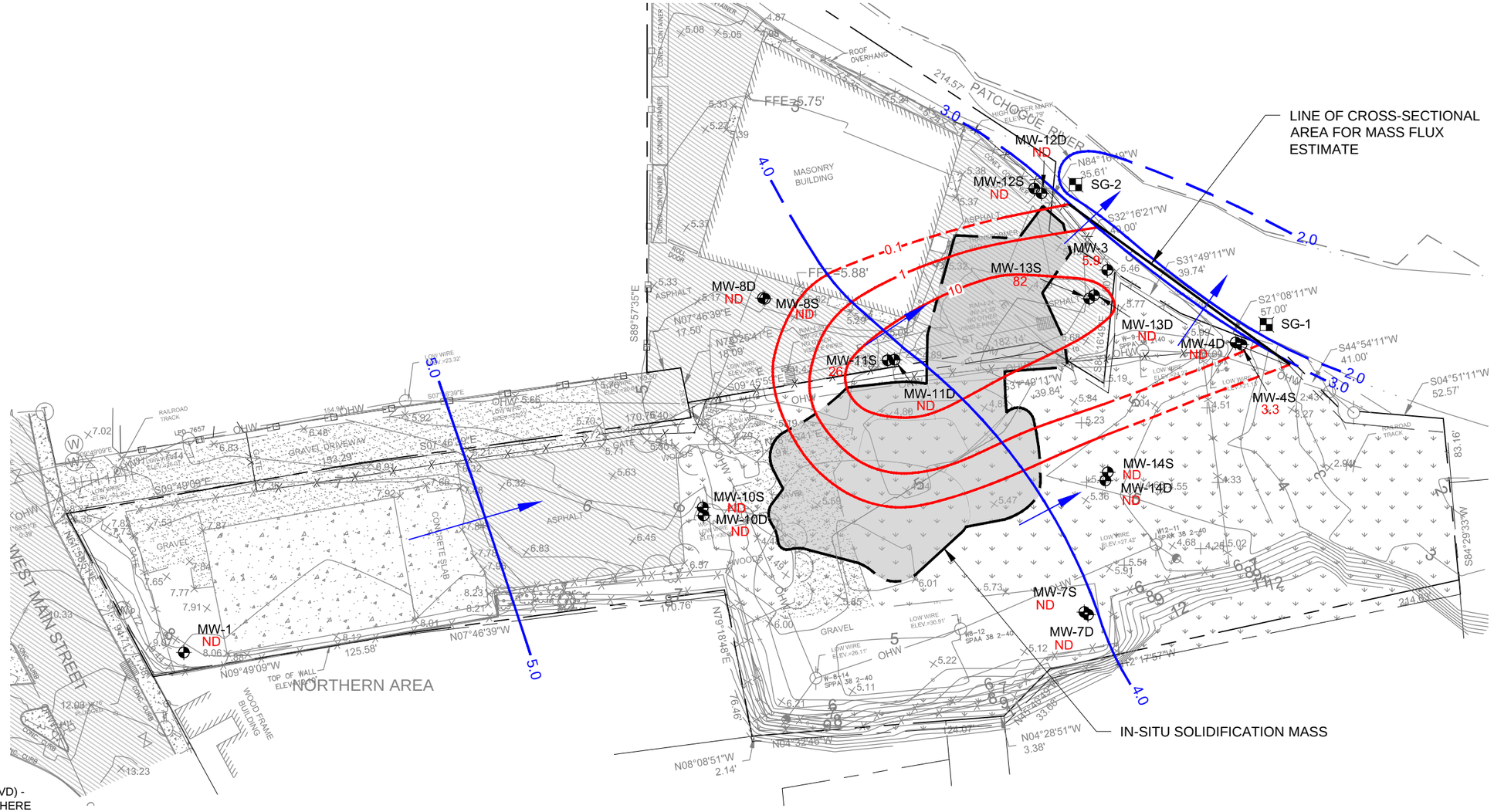
FIGURE

E-3

Path: \\bcusrfp01\Projects\DRAFTING\NATIONAL_GRID\Patchogue\Quarterly-GW-Contour-Map File Name: FIG-E-4_Phenanthrene-(Sept-2020) Plot Date: December 4, 2020 11:11 AM Cadd User: Alan Santia

0 60 120

SCALE IN FEET



LEGEND:

- PROPERTY LINE
- FENCE
- TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- STAFF GAGE LOCATION
- 4.0 — WATER TABLE CONTOUR (FT., NAVD) - SEPTEMBER 28, 2020 - DASHED WHERE INFERRED
- GENERALIZED DIRECTION OF GROUNDWATER FLOW
- 5.9 — PHENANTHRENE CONCENTRATION IN GROUNDWATER (µg/L) - SEPTEMBER 2020
- ND — NOT DETECTED
- 10 — ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED). LOGARITHMIC CONTOUR INTERVAL (µg/L).

NOTES:

1. BASE MAP INFORMATION OBTAINED FROM TETRA TECH EC, INC. DRAWING ENTITLED "CONCEPTUAL SITE MODEL", DATED DECEMBER 17, 2008.

Brown AND Caldwell

SCALE: 1" = 60'

153021

DATE: November 17, 2020

NATIONAL GRID
PATCHOGUE FORMER MGP SITE
VILLAGE OF PATCHOGUE, NEW YORK

PHENANTHRENE IN GROUNDWATER (µg/L)
SEPTEMBER 2020

FIGURE

E-4

Path: \\bcusrfp01\Projects\DRAFTING\NATIONAL_GRID\Patchogue\Quarterly-GW-Contour-Map File Name: FIG-E-5_Pyrene-(Sept-2020) Plot Date: December 4, 2020 11:13 AM Cadd User: Alan Santiago

0 60 120

SCALE IN FEET

LEGEND:

- PROPERTY LINE
- FENCE
- TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- STAFF GAGE LOCATION
- 4.0 — WATER TABLE CONTOUR (FT., NAVD) - SEPTEMBER 28, 2020 - DASHED WHERE INFERRED
- GENERALIZED DIRECTION OF GROUNDWATER FLOW
- 17 — PYRENE CONCENTRATION IN GROUNDWATER (µg/L) - SEPTEMBER 2020
- ND — NOT DETECTED
- 10 — ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED). LOGARITHMIC CONTOUR INTERVAL (µg/L).

NOTES:

1. BASE MAP INFORMATION OBTAINED FROM TETRA TECH EC, INC. DRAWING ENTITLED "CONCEPTUAL SITE MODEL", DATED DECEMBER 17, 2008.

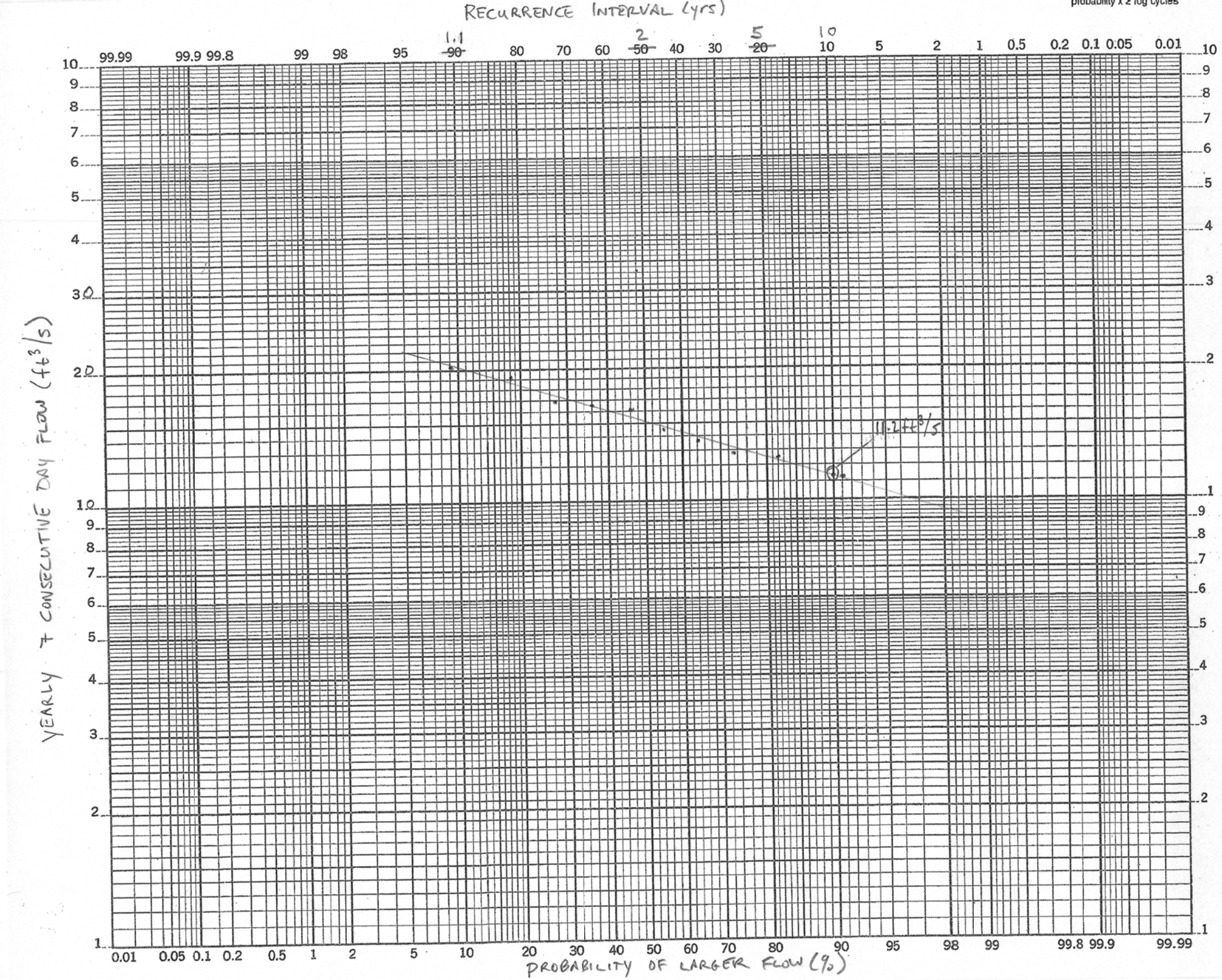
LINE OF CROSS-SECTIONAL AREA FOR MASS FLUX ESTIMATE

IN-SITU SOLIDIFICATION MASS

NORTHERN AREA

Brown AND Caldwell	SCALE: 1" = 60' 153021 DATE: November 17, 2020	NATIONAL GRID PATCHOGUE FORMER MGP SITE VILLAGE OF PATCHOGUE, NEW YORK	PYRENE IN GROUNDWATER (µg/L) SEPTEMBER 2020	FIGURE E-5

Attachments


RECURRENCE INTERVAL (yrs)
1.1
2
5
10
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
probability x 2 log cycles
YEARLY 7 CONSECUTIVE DAY FLOW (ft³/s)
11.2 ft³/s
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99
PROBABILITY OF LARGER FLOW (%)

ATTACHMENT E-2
MASS FLUX CALCULATIONS - BENZO(A)ANTHRACENE
PATCHOGUE RIVER

Mass Flux Calculation
Enter site data in yellow highlighted cells

Benzon(a)anthracene (September 2020) **Figure No.** See Figure E-2

mf = kiA * C
Where:
mf = mass flux, µg/s
k = hydraulic conductivity, cm/s
I = hydraulic gradient, dimensionless
A = cross-sectional area, $cm^{2\ (L * b)}$
C = (µg/L)/1000=µg/cm^3

Shallow Groundwater Flux

0.1-1 Contour

						Contour Interval	Geomean	Segment Length	Thickness
k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells	0.1			
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours				
C=	0.316227766	µg/L =	0.000316228	µg/cm^3	Geometric mean concentration between selected contours	1	0.32	34	18
L =	34	ft =	1036.32	cm	Length of segment between selected contours [C]	4.8	2.19	80	18
b =	18	ft =	548.64	cm	Saturated thickness				
mf =	1.4E-02	µg/s	4.5E-01	g/yr	0.00099 lbs/yr				

1-4.8 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours
C=	2.19	µg/L =	0.00219089	µg/cm^3	Geometric mean concentration between selected contours
L =	80	ft =	2438.4	cm	Length of segment between selected contours [C]
b =	18	ft =	548.64	cm	Saturated thickness
mf =	2.3E-01	µg/s	7.3E+00	g/yr	0.0161 lbs/yr
mf_{sgw} =	0.25	µg/s	7.8	g/yr	0.017 lbs/yr

River Concentration

$$C_R = \frac{mf_{sgw}}{D_R}$$

Where:
D_R = Patchogue River flow, L/s — 11.2 — 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through
mf_{sgw} = Shallow groundwater flux — See above

D_R = 11.2 ft^3/s = 317 L/s

C_R = 0.0008 µg/L

ATTACHMENT E-3
MASS FLUX CALCULATIONS - FLUORENE
PATCHOGUE RIVER

Mass Flux Calculation
Enter site data in yellow highlighted cells

Fluorene (September 2020) **Figure No.** See Figure E-3

mf = kiA * C
Where: mf = mass flux, µg/s
k = hydraulic conductivity, cm/s
I = hydraulic gradient, dimensionless
A = cross-sectional area, $cm^{2\,(L * b)}$
C = (µg/L)/1000=µg/cm^3

Shallow Groundwater Flux

0.1-1 Contour

						Contour		Segment	
k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells	Interval	Geomean	Length	Thickness
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours	0.1			
C=	0.316227766	µg/L =	0.000316228	µg/cm^3	Geometric mean concentration between selected contours	1	0.32	32	18
L =	32	ft =	975.36	cm	Length of segment between selected contours [C]	10	3.16	46	18
b =	18	ft =	548.64	cm	Saturated thickness	10	10.00	60	18
mf =	1.3E-02	µg/s	4.2E-01	g/yr	0.00093 lbs/yr				

1-10 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours
C=	3.16	µg/L =	0.003162278	µg/cm^3	Geometric mean concentration between selected contours
L =	46	ft =	1402.08	cm	Length of segment between selected contours [C]
b =	18	ft =	548.64	cm	Saturated thickness
mf =	1.9E-01	µg/s	6.1E+00	g/yr	0.0134 lbs/yr

10-10 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours
C=	10.00	µg/L =	0.01	µg/cm^3	Geometric mean concentration between selected contours
L =	60	ft =	1828.8	cm	Length of segment between selected contours [C]
b =	18	ft =	548.64	cm	Saturated thickness
mf =	8.0E-01	µg/s	2.5E+01	g/yr	0.0552 lbs/yr
mf_{sgw} =	1.0	µg/s	32	g/yr	0.070 lbs/yr

River Concentration

$$C_R = \frac{mf_{sgw}}{D_R}$$

Where: D_R = Patchogue River flow, L/s — 11.2 — 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through
mf_{sgw} = Shallow groundwater flux — See above

D_R = 11.2 ft^3/s = 317 L/s

C_R = 0.003 µg/L

ATTACHMENT E-4
MASS FLUX CALCULATIONS - PHENANTHRENE
PATCHOGUE RIVER

Mass Flux Calculation
Enter site data in yellow highlighted cells

Phenanthrene (September 2020) **Figure No.** See Figure E-4

mf = kiA * C
Where:
mf = mass flux, µg/s
k = hydraulic conductivity, cm/s
I = hydraulic gradient, dimensionless
A = cross-sectional area, $cm^{2\ (L * b)}$
C = (µg/L)/1000=µg/cm^3

Shallow Groundwater Flux

0.1-1 Contour

						Contour Interval	Geomean	Segment Length	Thickness
k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells	0.1			
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours				
C=	0.316227766	µg/L =	0.000316228	µg/cm^3	Geometric mean concentration between selected contours	1	0.32	38	18
L =	38	ft =	1158.24	cm	Length of segment between selected contours [C]	5.9	2.43	107	18
b =	18	ft =	548.64	cm	Saturated thickness				
mf =	1.6E-02	µg/s	5.0E-01	g/yr	0.00111 lbs/yr				

1-5.9 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours
C=	2.43	µg/L =	0.002428992	µg/cm^3	Geometric mean concentration between selected contours
L =	107	ft =	3261.36	cm	Length of segment between selected contours [C]
b =	18	ft =	548.64	cm	Saturated thickness
mf =	3.4E-01	µg/s	1.1E+01	g/yr	0.0239 lbs/yr
mf_{sgw} =	0.36	µg/s	11	g/yr	0.025 lbs/yr

River Concentration

$$C_R = \frac{mf_{sgw}}{D_R}$$

Where:
D_R = Patchogue River flow, L/s — 11.2 — 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through
mf_{sgw} = Shallow groundwater flux — See above

D_R = 11.2 ft^3/s = 317 L/s

C_R = 0.001 µg/L

ATTACHMENT E-5
MASS FLUX CALCULATIONS - PYRENE
PATCHOGUE RIVER

Mass Flux Calculation
Enter site data in yellow highlighted cells

Pyrene (September 2020) **Figure No.** See Figure E-5

$mf = kiA * C$

Where:
- mf = mass flux, µg/s
- k = hydraulic conductivity, cm/s
- I = hydraulic gradient, dimensionless
- A = cross-sectional area, $cm^{2\,(L * b)}$
- C = $(\mu g/L)/1000 = \mu g/cm^3$

Shallow Groundwater Flux

0.1-1 Contour

							Contour Interval	Geomean	Segment Length	Thickness
k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells		0.1			
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours		1	0.32	19	18
C=	0.316227766	µg/L =	0.000316228	µg/cm³	Geometric mean concentration between selected contours		10	3.16	45	18
L =	19	ft =	579.12	cm	Length of segment between selected contours [C]		35	18.71	85	18
b =	18	ft =	548.64	cm	Saturated thickness					
mf =	8.0E-03	µg/s	2.5E-01	g/yr	0.00055	lbs/yr				

1-10 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells	
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours	
C=	3.16	µg/L =	0.003162278	µg/cm³	Geometric mean concentration between selected contours	
L =	45	ft =	1371.6	cm	Length of segment between selected contours [C]	
b =	18	ft =	548.64	cm	Saturated thickness	
mf =	1.9E-01	µg/s	6.0E+00	g/yr	0.0131	lbs/yr

1-35 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells	
i =	0.013	hydraulic gradient, dimensionless			Measured in vicinity of selected contours	
C=	18.71	µg/L =	0.018708287	µg/cm³	Geometric mean concentration between selected contours	
L =	85	ft =	2590.8	cm	Length of segment between selected contours [C]	
b =	18	ft =	548.64	cm	Saturated thickness	
mf =	2.1E+00	µg/s	6.7E+01	g/yr	0.1464	lbs/yr
mf_{sgw} =	2.3	µg/s	73	g/yr	0.16	lbs/yr

River Concentration

$$C_R = \frac{mf_{sgw}}{D_R}$$

Where:
- D_R = Patchogue River flow, L/s — 11.2 — 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through
- mf_{sgw} = Shallow groundwater flux — See above

D_R = 11.2 ft^3/s = 317 L/s

C_R = 0.007 µg/L

Appendix E

Evaluation of Potential Impact to River from Site Constituents in Groundwater Patchogue Former MGP Site Patchogue, New York

As described in the Fourth Quarter 2020 Groundwater Monitoring Report, some potentially MGP-related constituents were detected in the shallow groundwater (i.e., the upper ±18 feet) in the vicinity of the ISS mass during the December 2020 sampling event. It is expected these constituents are a result of the short-term disturbance of the subsurface that occurred during implementation of the ISS and, their presence is temporary. Shallow groundwater generally flows from northwest to the south and southeast across the Site toward the Patchogue River (see Figure E-1 for a depiction of shallow groundwater flow). The concentrations of some of the constituents that were detected and potentially mobile in the dissolved phase in groundwater (benzene and ethylbenzene) were below surface water quality criteria listed in the New York State Ambient Water Quality Standards and Guidance Values (NYSDEC, June 1998 with Addenda dated April 2000 and June 2004) that are applicable to the Patchogue River (the portion of the Patchogue River proximal to the Site is classified as a Class C water body per 6 NYCRR Part 897). Therefore, they do not have the potential to impact the river. However, the concentration of one or more of seven constituents -- acenaphthene, benzo(a)anthracene, benzo(a)pyrene, fluorene, naphthalene, phenanthrene, and pyrene -- were detected above their respective applicable surface water quality criteria in downgradient monitoring wells proximal to the river (MW-3 and MW-4S). Although it was not anticipated that these constituent concentrations would result in an impact to surface water quality if they discharged to the river, the following analysis was conducted to confirm this. The concentrations of acenaphthene, benzo(a)anthracene, fluorene, naphthalene, and pyrene in the December 2020 samples were similar (within the same order of magnitude) to those in the March, June, and September 2020 samples. Since the estimated surface water concentrations of these five constituents based on the mass flux analyses using the March, June, and September 2020 data were below applicable surface water criteria, an additional estimation of concentrations of these constituents in the river is not necessary. However, due to increased concentrations of benzo(a)pyrene and phenanthrene in MW-3 in the December 2020 samples, an additional analysis was conducted for these constituents.

An analysis was conducted to assess the potential for discharge of site-related constituents in shallow groundwater to impact water quality in the Patchogue River. Noteworthy is that including benzo(a)pyrene in this evaluation is a very conservative measure in that benzo(a)pyrene has a very low aqueous solubility, is not readily mobile in groundwater, and is unlikely to have migrated from the on-Site source area, Moreover, the detection of this constituent in the monitoring locations is likely related to the disturbance of fine or colloid sized particles during purging or sampling activities. These particles are derived from within the well or the soil adjacent to the well that become suspended into the water column of the well as a result of disturbance during purging and sampling activities.

The evaluation was conducted by estimating the rate at which a mass of site-related constituents, dissolved in groundwater, may be contributing to the surface water in the Patchogue River (i.e., the mass flux of constituents from groundwater to surface water). This approach is consistent with that described

in the document entitled "Groundwater Remediation Strategies Tool" (American Petroleum Institute Publication 4730, December 2003). The equation for calculating the mass flux of a constituent is:

$$mf=\Sigma C_i q_i A_i$$

Where: mf = total mass flux of dissolved constituent from the source (µg/sec)

C_i = concentration of the constituent (µg/mL=µg/cm^3)

q_i = specific discharge through the flow area (cm/sec)

where: $q_i=Ki$, with K= hydraulic conductivity (cm/sec) and i=hydraulic gradient (cm/cm)

A_i = flow area perpendicular to flow (cm^2)

where: $A_i=(L)(b)$, with L=width of constituent plume perpendicular to flow and b=plume thickness

In applying this evaluation to the Site, an estimate of mass flux of a constituent (in µg/sec) was calculated for shallow groundwater. The mass flux for the shallow groundwater was calculated across a cross-sectional flow area positioned at the downgradient side of the former MGP site, aligned perpendicular to groundwater flow (which in this case is typically parallel or sub-parallel to the shore line). The vertical dimension of the flow area is equal to the plume thickness (b) within the shallow groundwater. The horizontal dimension of the flow area, L, is equal to the width of the constituent plume, which is based on the isoconcentration contours developed from the results of the December 2020 sampling event (see Figures E-2 and E-3). The concentration of site constituents in the Patchogue River resulting from groundwater discharge was estimated using the following equation:

$$C_R=mf_{sgw}/D_R$$

Where: C_R = Concentration of constituent in the river (µg/L)

mf_{sgw} = Mass flux to the river from shallow groundwater (µg/s)

D_R = Patchogue River volumetric flow (L/s)

To address some of the uncertainties in this evaluation, conservative assumptions were made in the above-described calculations which result in river water concentration estimates that are biased high. These assumptions are as follows:

- The hydraulic gradient (i) of groundwater is variable across the Site and thus, the highest hydraulic gradient value was used in the calculation. The larger the value of i, the greater the calculated value of mass flux.
- The plume thickness (b) was estimated conservatively by using the distance from the top of the water table to the top of the well screen of a deeper well at a well couplet, yet the actual plume thickness may be somewhat less, as site constituents were either not detected or detected at very low levels in the deeper wells positioned adjacent to the river. The larger the value of b, the greater the calculated value of mass flux.
- The river volumetric flow value used to calculate in river concentrations (11.2 ft^3/s or 317 L/s) was derived using a 7Q10 flow analysis (the lowest 7-day average flow that occurs, on average, once every 10 years) for the period April 1, 1958 through March 31, 1968 using data from a USGS river gauging station proximal the Site (USGS 01306000, Patchogue River at Patchogue New York). Thus, it was assumed for this estimate that the flow rate in the river is equal to that during periods of very low flow, and the lower the assumed river flow, the greater the estimated concentration in the river water. For comparison, the mean river flow rate at the same river gauging location using data from 1945 to 1976 is 20.4 ft^3/s (579 L/s). Table E-1 provides the data used to determine the 7Q10 flow

in the Patchogue River. Attachment E-1 presents the data plotted on log probability paper and the resultant 7Q10 flow value.

To screen for potential impacts to the river, the estimated concentrations of benzo(a)pyrene and phenanthrene were calculated using the above-described method and compared to the New York State Ambient Water Quality Standards and Guidance Values (NYSDEC, June 1998 with Addenda dated April 2000 and June 2004). Listed in the table below are standards and guidance values for benzo(a)pyrene and phenanthrene that are applicable to Class C Fresh Water (no standards have been developed for these compounds).

Class C Fresh Surface Water Standards and Guidance Values

Substance	Water Class (per 6NYCRR Part 701)	Standard (µg/l)	Guidance Value (µg/l)	Protection for:
Benzo(a)pyrene	A, A-S, AA, AA-S, B, C, D	--	0.0012	Human Consumption of Fish
Phenanthrene	A, A-S, AA, AA-S, B, C	--	5.0	Fish propagation
	A, A-S, AA, AA-S, B, C, D	--	45	Fish survival

Attachments E-2 and E-3 contain the calculations and results for each of these constituents. The estimated concentrations in the Patchogue River resulting from site groundwater impacts are as follows:

- Benzo(a)pyrene = 0.00008 µg/L
- Phenanthrene = 0.025 µg/L

These conservatively estimated (i.e., biased high) concentrations are below the surface water guidance values listed above, including the lowest guidance value applicable to Class C surface waters. Also, the estimated concentrations are below the analytical laboratory detection limits for these constituents. Based on the evaluation conducted, site-related constituents in shallow groundwater do not impact surface water quality in the Patchogue River.

Tables

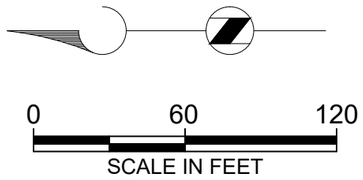
TABLE E-1
SUMMARY OF DATA USED TO CALCULATE 7Q10 FLOW IN PATCHOGUE RIVER
PATCHOGUE FORMER MGP SITE
PATCHOGUE, NEW YORK

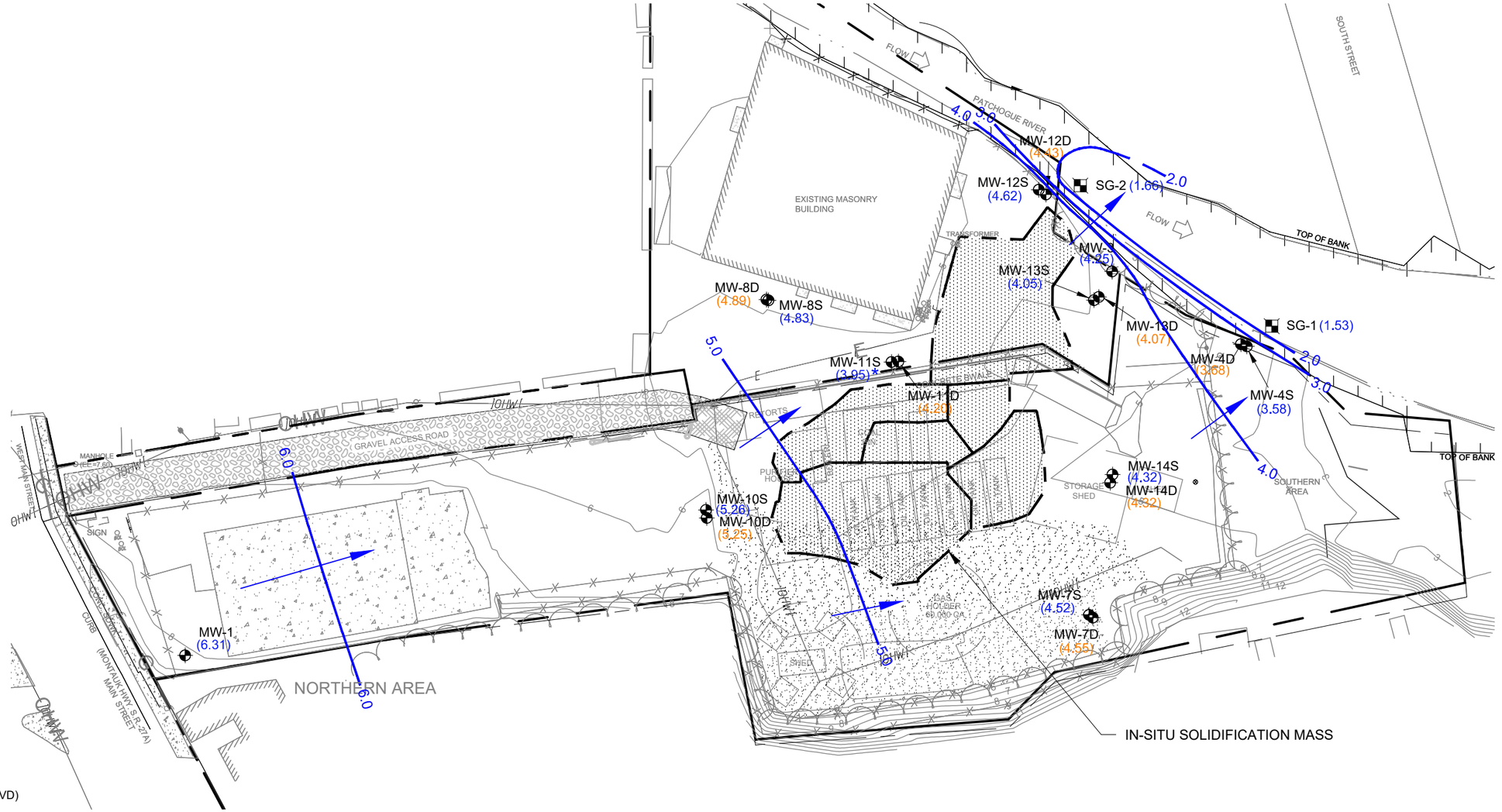
Water Year[(1)]	Low Flow (ft^3/s)	Rank	Probability
1961	20.1	1	0.091
1958	19.1	2	0.182
1960	16.9	3	0.273
1962	16.6	4	0.364
1959	16.0	5	0.455
1967	14.4	6	0.545
1964	13.6	7	0.636
1965	12.9	8	0.727
1963	12.4	9	0.818
1966	11.1	10	0.909

Notes:
(1) - 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through 3/31/1968.

ft^3/s - cubic feet per second

Figures





LEGEND:

- PROPERTY LINE
- FENCE
- 10 — TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- STAFF GAGE LOCATION
- 4.0 — WATER TABLE CONTOUR (FT., NAVD) DASHED WHERE INFERRED
- (4.30) GROUNDWATER ELEVATION (FT., NAVD) FROM SHALLOW MONITORING WELL (SCREENED ACROSS OR CLOSE TO WATER TABLE) OR RIVER LEVEL FROM STAFF GAUGE (FT., NAVD).
- (4.34) GROUNDWATER ELEVATION (FT., NAVD) FROM DEEP MONITORING WELL (SCREENED BELOW WATER TABLE). VALUE NOT USED FOR CONTOURING.
- GENERALIZED DIRECTION OF GROUNDWATER FLOW

Brown AND Caldwell

SCALE: 1" = 60'

153021

DATE: February 2021

NATIONAL GRID
PATCHOGUE FORMER MGP SITE
VILLAGE OF PATCHOGUE, NEW YORK

WATER TABLE ELEVATION CONTOUR MAP
DECEMBER 28, 2020

FIGURE

E-1

Path: C:\users\asantiago\bcpwld0901435 File Name: FIG-1-(GW_Contours_December-2020) Plot Date: February 5, 2021 4:04 PM Cadd User: Alan Santiago

0 60 120

SCALE IN FEET

LEGEND:

- PROPERTY LINE
- FENCE
- 10 TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- STAFF GAGE LOCATION
- 0.1 ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED). LOGARITHMIC CONTOUR INTERVAL (µg/L) - DECEMBER 2020
- 0.10 J BENZO(A)PYRENE CONCENTRATION IN GROUNDWATER (µg/L) - DECEMBER 2020
- ND NOT DETECTED
- J ESTIMATED CONCENTRATION
- 4.0 WATER TABLE CONTOUR (FT., NAVD) DASHED WHERE INFERRED
- GENERALIZED DIRECTION OF GROUNDWATER FLOW

LINE OF CROSS-SECTIONAL AREA USED FOR MASS FLUX ESTIMATE

IN-SITU SOLIDIFICATION MASS

NORTHERN AREA

SOUTHERN AREA

MW-1 ND
MW-4D ND
MW-4S ND
MW-7D ND
MW-7S ND
MW-8D ND
MW-8S ND
MW-10D ND
MW-10S ND
MW-11D ND
MW-11S 0.16 J
MW-12D ND
MW-12S ND
MW-13D ND
MW-13S ND
MW-14D ND
MW-14S ND
SG-1
SG-2

Path: C:\users\asantiagobcpw\d0901435 File Name: BenzoApyrene_December2020 Plot Date: February 8, 2021 12:34 PM Cadd User: Alan Santiago

Brown AND Caldwell	SCALE: 1" = 60' 153021 DATE: January 2021	NATIONAL GRID PATCHOGUE FORMER MGP SITE VILLAGE OF PATCHOGUE, NEW YORK	BENZO(A)PYRENE IN GROUNDWATER DECEMBER, 2020	FIGURE E-2

0 60 120

SCALE IN FEET

LEGEND:

- PROPERTY LINE
- FENCE
- 10 — TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- STAFF GAGE LOCATION
- 1 — ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED). LOGARITHMIC CONTOUR INTERVAL (µg/L) - DECEMBER 2020
- 0.74 — PHENANTHRENE CONCENTRATION IN GROUNDWATER (µg/L) - DECEMBER 2020
- ND — NOT DETECTED
- J — ESTIMATED CONCENTRATION
- 4.0 — WATER TABLE CONTOUR (FT., NAVD) DASHED WHERE INFERRED
- GENERALIZED DIRECTION OF GROUNDWATER FLOW

LINE OF CROSS-SECTIONAL AREA USED FOR MASS FLUX ESTIMATE

IN-SITU SOLIDIFICATION MASS

NORTHERN AREA

SOUTHERN AREA

MW-1 ND 8.06

MW-8D ND

MW-8S ND

MW-11S 0.74

MW-11D ND

MW-10S ND

MW-10D ND

MW-12D ND

MW-12S ND

MW-13S 45

MW-13D ND

MW-4D ND

MW-4S 0.15 J

MW-14S ND

MW-14D ND

MW-7S ND

MW-7D ND

SG-1

SG-2

FFE=5.75'

FFE=5.88'

Brown AND Caldwell

SCALE: 1" = 60'

153021

DATE: January 2021

NATIONAL GRID
PATCHOGUE FORMER MGP SITE
VILLAGE OF PATCHOGUE, NEW YORK

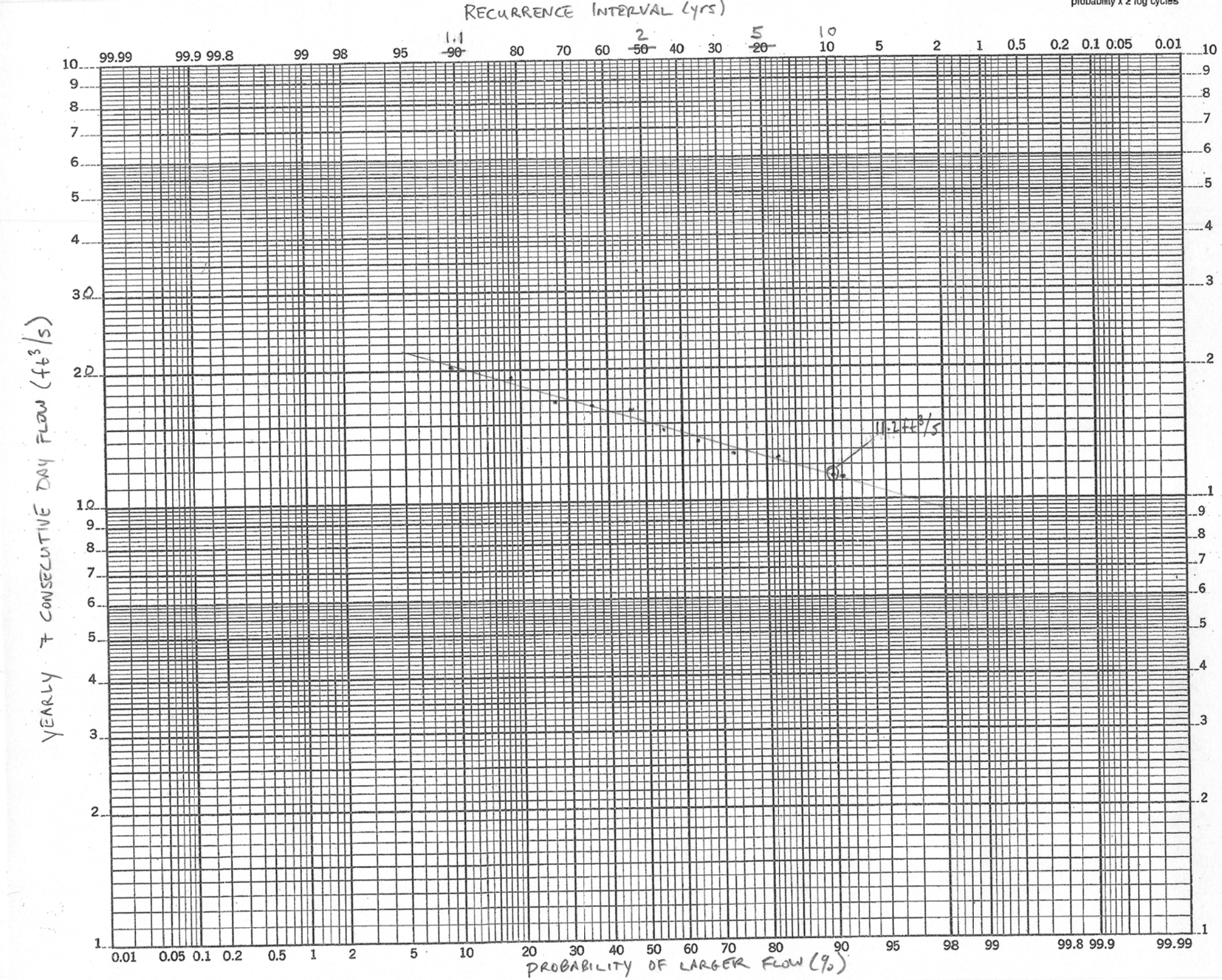
PHENANTHRENE IN GROUNDWATER (µg/L)
DECEMBER, 2020

FIGURE

E-3

Path: C:\users\asantiago\bcpw\d0901435 File Name: Phenanthrene_December2020 Plot Date: February 8, 2021 12:33 PM Cadd User: Alan Santiago

Attachments


RECURRENCE INTERVAL (yrs)
1.1
2
5
10
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
probability x 2 log cycles
YEARLY 7 CONSECUTIVE DAY FLOW (ft³/s)
11.2 ft³/s
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99
PROBABILITY OF LARGER FLOW (%)

ATTACHMENT E-2
MASS FLUX CALCULATIONS - BENZO(A)PYRENE
PATCHOGUE RIVER

Mass Flux Calculation
Enter site data in yellow highlighted cells

Benzo(a)pyrene (December 2020) **Figure No.** See Figure E-2

$mf = kiA * C$

Where:
- mf = mass flux, µg/s
- k = hydraulic conductivity, cm/s
- I = hydraulic gradient, dimensionless
- A = cross-sectional area, $cm^{2\,(L * b)}$
- C = (µg/L)/1000=µg/cm^3

Shallow Groundwater Flux

0.1-0.1 Contour

						Contour Interval	Geomean	Segment Length	Thickness
k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells	0.1			
i =	0.15	hydraulic gradient, dimensionless			Measured in vicinity of selected contours	0.1	0.10	16	18
C=	0.1	µg/L =	0.0001	µg/cm^3	Geometric mean concentration between selected contours				
L =	16	ft =	487.68	cm	Length of segment between selected contours [C]				
b =	18	ft =	548.64	cm	Saturated thickness				
mf =	2.5E-02	µg/s	7.7E-01	g/yr	0.00170 lbs/yr				
mf_{sgw} =	0.02450	µg/s	0.773	g/yr	0.00170 lbs/yr				

River Concentration

$$C_R = \frac{mf_{sgw}}{D_R}$$

Where:
- D_R = Patchogue River flow, L/s — 11.2 — 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through
- mf_{sgw} = Shallow groundwater flux — See above

D_R = 11.2 ft^3/s = 317 L/s

C_R = 0.00008 µg/L

ATTACHMENT E-3
MASS FLUX CALCULATIONS - PHENANTHRENE
PATCHOGUE RIVER

Mass Flux Calculation
Enter site data in yellow highlighted cells

Phenanthrene (December 2020) **Figure No.** See Figure E-3

$mf = kiA * C$

Where:
mf = mass flux, µg/s
k = hydraulic conductivity, cm/s
I = hydraulic gradient, dimensionless
A = cross-sectional area, $cm^{2\,(L * b)}$
C = (µg/L)/1000=µg/cm^3

Shallow Groundwater Flux

0.1-1 Contour

							Contour Interval	Geomean	Segment Length	Thickness
k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells		0.1			
i =	0.15	hydraulic gradient, dimensionless			Measured in vicinity of selected contours					
C=	0.316227766	µg/L =	0.000316228	µg/cm^3	Geometric mean concentration between selected contours		1	0.32	35	18
L =	35	ft =	1066.8	cm	Length of segment between selected contours [C]		10	3.16	67	18
b =	18	ft =	548.64	cm	Saturated thickness		13	11.40	26	18
mf =	1.7E-01	µg/s	5.3E+00	g/yr	0.01176	lbs/yr				

1-10 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells	
i =	0.15	hydraulic gradient, dimensionless			Measured in vicinity of selected contours	
C=	3.16	µg/L =	0.003162278	µg/cm^3	Geometric mean concentration between selected contours	
L =	67	ft =	2042.16	cm	Length of segment between selected contours [C]	
b =	18	ft =	548.64	cm	Saturated thickness	
mf =	3.2E+00	µg/s	1.0E+02	g/yr	0.2251	lbs/yr

10-13 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells	
i =	0.15	hydraulic gradient, dimensionless			Measured in vicinity of selected contours	
C=	11.40	µg/L =	0.011401754	µg/cm^3	Geometric mean concentration between selected contours	
L =	26	ft =	792.48	cm	Length of segment between selected contours [C]	
b =	18	ft =	548.64	cm	Saturated thickness	
mf =	4.5E+00	µg/s	1.4E+02	g/yr	0.3150	lbs/yr
mf_{sgw} =	7.95	µg/s	251	g/yr	0.552	lbs/yr

River Concentration

$$C_R = \frac{mf_{sgw}}{D_R}$$

Where:
D_R = Patchogue River flow, L/s — 11.2 — 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through
mf_{sgw} = Shallow groundwater flux — See above

D_R = 11.2 ft^3/s = 317 L/s

C_R = 0.025 µg/L

Appendix E Evaluation of Potential Impact to River from Increased pH Levels in Groundwater – December 2020 Data

Appendix G

Evaluation of Potential Impact to River from Increased pH Levels in Groundwater
Patchogue Former MGP Site
Patchogue, New York

As described in the Fourth Quarter 2020 Groundwater Monitoring Report, elevated pH levels were measured in the shallow groundwater (i.e., the upper ±18 feet) in the vicinity of the ISS mass during the December 2020 groundwater sampling activities. The increased pH levels are considered a potential effect from implementation of ISS in the area and it is anticipated that the pH will decrease to pre-remedy levels with time (i.e., as ISS mass continues to fully cure). Shallow groundwater generally flows from northwest to the south and southeast across the Site toward the Patchogue River (see Figure G-1 for a depiction of shallow groundwater flow).

The pH levels measured at MW-3 and MW-13S in December 2020 were 10.46 and 9.60, respectively, which is above the acceptable range for pH levels applicable to the Patchogue River (the portion of the Patchogue River proximal to the Site is classified as a Class C water body per 6 NYCRR Part 897). In accordance with 6 NYCRR Part 703.3, pH shall not be less than 6.5 nor more than 8.5 in Class C water bodies. Although it was not anticipated that the increased pH levels would result in an impact to surface water quality if they discharged to the river, the following analysis was conducted to confirm this.

An analysis was conducted to assess the potential for discharge of shallow groundwater with elevated pH levels to impact water quality in the Patchogue River. The evaluation was conducted by estimating the rate at which a mass of hydroxide (OH^-), dissolved in groundwater, may be contributing to the surface water in the Patchogue River (i.e., the mass flux of hydroxide from groundwater to surface water). This approach is consistent with that described in the document entitled "Groundwater Remediation Strategies Tool" (American Petroleum Institute Publication 4730, December 2003). The equation for calculating the mass flux of a constituent is:

$$mf = \Sigma C_i q_i A_i$$

Where: mf = total mass flux of dissolved hydroxide from the source (µg/sec)

C_i = concentration of the hydroxide ion (µg/mL=µg/cm^3)

q_i = specific discharge through the flow area (cm/sec)

where: q_i=Ki, with K= hydraulic conductivity (cm/sec) and i=hydraulic gradient (cm/cm)

A_i = flow area perpendicular to flow (cm^2)

where: A_i=(L)(b), with L=width of constituent plume perpendicular to flow and b=plume thickness

In applying this evaluation to the Site, an estimate of the mass flux of hydroxide (in µg/sec) was calculated for shallow groundwater. The mass flux for the shallow groundwater was calculated across a cross-sectional flow area positioned at the downgradient side of the former MGP site, aligned perpendicular to groundwater flow (which in this case is typically parallel or sub-parallel to the shore line). The vertical dimension of the flow area is equal to the plume thickness (b) within the shallow

groundwater. The horizontal dimension of the flow area, L, is equal to the width of the hydroxide plume, which is based on the isoconcentration contours developed from the results of the December 2020 sampling event (see Figure G-2). The concentration of hydroxide in the Patchogue River resulting from groundwater discharge was estimated using the following equation:

$$C_R = mf_{sgw}/D_R$$

Where: C_R = Concentration of hydroxide in the river (µg/L)

mf_{sgw} = Mass flux to the river from shallow groundwater (µg/s)

D_R = Patchogue River volumetric flow (L/s)

To address some of the uncertainties in this evaluation, conservative assumptions were made in the above-described calculations which result in river water concentration estimates that are biased high. These assumptions are as follows:

- The hydraulic gradient (i) of groundwater is variable across the Site and thus, the highest hydraulic gradient value was used in the calculation. The larger the value of i, the greater the calculated value of mass flux.
- The plume thickness (b) was estimated conservatively by using the distance from the top of the water table to the top of the well screen of a deeper well at a well couplet, yet the actual plume thickness may be somewhat less, as site constituents were either not detected or detected at very low levels in the deeper wells positioned adjacent to the river. The larger the value of b, the greater the calculated value of mass flux.
- The river volumetric flow value used to calculate in river concentrations (11.2 ft^3/s or 317 L/s) was derived using a 7Q10 flow analysis (the lowest 7-day average flow that occurs, on average, once every 10 years) for the period April 1, 1958 through March 31, 1968 using data from a USGS river gauging station proximal the Site (USGS 01306000, Patchogue River at Patchogue New York). Thus, it was assumed for this estimate that the flow rate in the river is equal to that during periods of very low flow, and the lower the assumed river flow, the greater the estimated concentration in the river water. For comparison, the mean river flow rate at the same river gauging location using data from 1945 to 1976 is 20.4 ft^3/s (579 L/s). Table G-1 provides the data used to determine the 7Q10 flow in the Patchogue River. Attachment G-1 presents the data plotted on log probability paper and the resultant 7Q10 flow value.
- The mass flux estimate assumes that there is no pH buffering capacity in the river water; the buffering capacity would resist change to pH in the river water due to contributions of higher pH groundwater.

To screen for potential impacts to the river, the estimated concentration of hydroxide was calculated using the above-described method and then converted back to pH to compare to water quality standards for pH per NYCRR Part 703 Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations. Attachment G-2 contains the calculations and results for the analysis performed. The estimated concentration of hydroxide in the Patchogue River resulting from site groundwater impacts is 3.67 µg/L, which equates to a pH level of 7.45. For comparison, water quality data was obtained from a USGS river gauging station proximal to the Site (USGS 01306000, Patchogue River at Patchogue New York) for the period May 6, 1966 to August 12, 1996; pH levels measured at this station during this period ranged from 5.3 to 8.4 and had a median of 6.8. This median pH value was accounted for in the mass flux estimate. Specifically, the median pH of 6.8 in the Patchogue River, which equates to a hydroxide ion concentration of 1.07 µg/L was added to the estimated hydroxide ion concentration in the river contributed by site groundwater to reflect hydroxide conditions already present in the surface water. The conservatively-estimated (i.e., biased high) pH level of 7.45 is above the median level measured in

the river, which may be a result of the increased pH levels in shallow groundwater adjacent to the river; however, it is within the acceptable range for pH levels in Class C water bodies in accordance with 6 NYCRR Part 703.3 (i.e., pH shall not be less than 6.5 nor more than 8.5). Based on the evaluation conducted, the increased pH levels in shallow groundwater do not impact surface water quality in the Patchogue River.

Tables

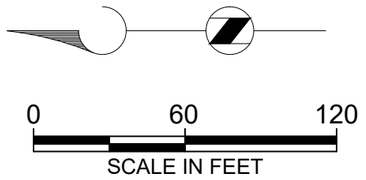
TABLE G-1
SUMMARY OF DATA USED TO CALCULATE 7Q10 FLOW IN PATCHOGUE RIVER
PATCHOGUE FORMER MGP SITE
PATCHOGUE, NEW YORK

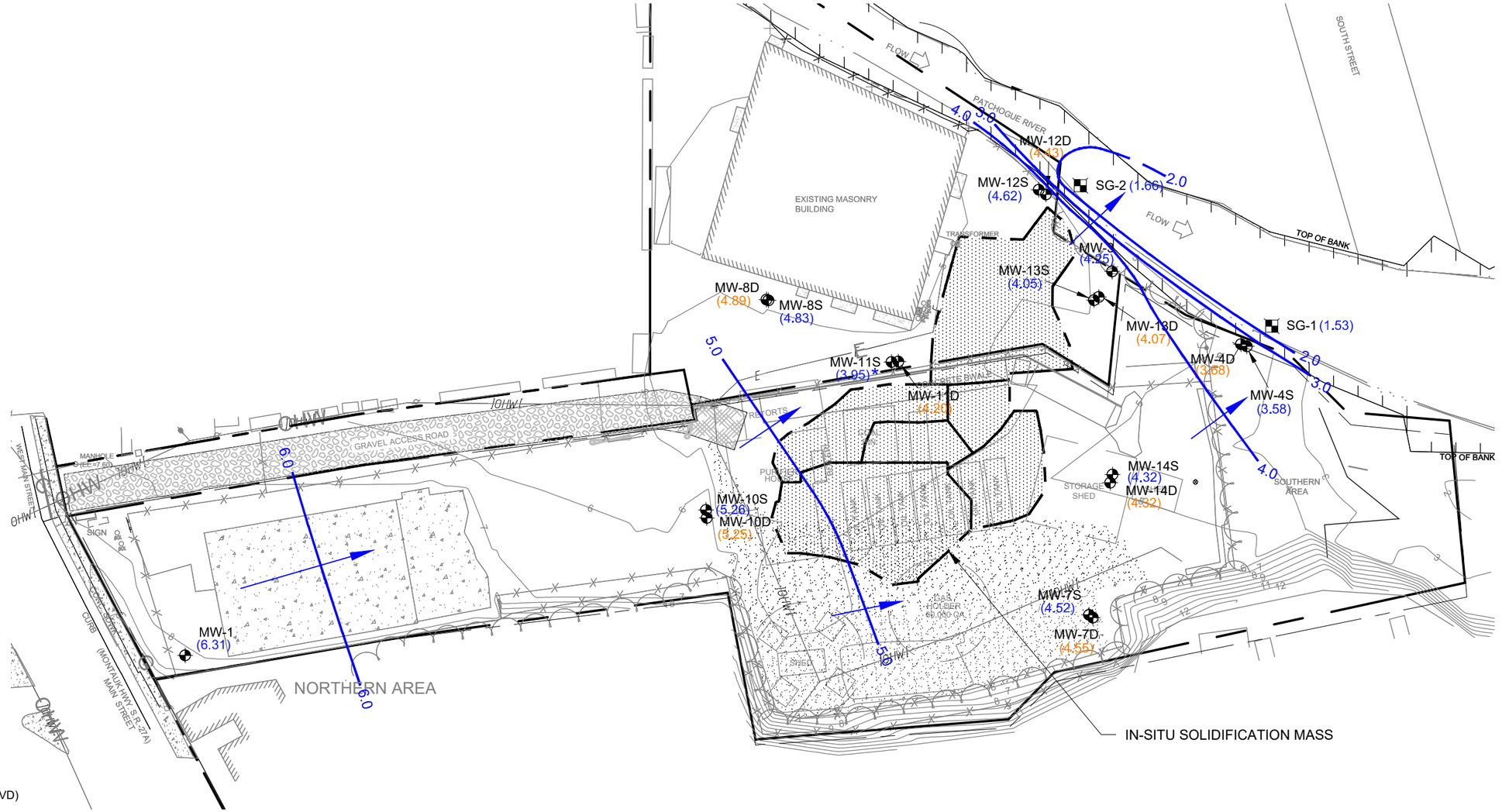
Water Year[(1)]	Low Flow (ft^3/s)	Rank	Probability
1961	20.1	1	0.091
1958	19.1	2	0.182
1960	16.9	3	0.273
1962	16.6	4	0.364
1959	16.0	5	0.455
1967	14.4	6	0.545
1964	13.6	7	0.636
1965	12.9	8	0.727
1963	12.4	9	0.818
1966	11.1	10	0.909

Notes:
(1) - 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through 3/31/1968.

ft^3/s - cubic feet per second

Figures





LEGEND:

- PROPERTY LINE
- FENCE
- 10 — TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- STAFF GAGE LOCATION
- 4.0 — WATER TABLE CONTOUR (FT., NAVD) DASHED WHERE INFERRED
- (4.30) GROUNDWATER ELEVATION (FT., NAVD) FROM SHALLOW MONITORING WELL (SCREENED ACROSS OR CLOSE TO WATER TABLE) OR RIVER LEVEL FROM STAFF GAUGE (FT., NAVD).
- (4.34) GROUNDWATER ELEVATION (FT., NAVD) FROM DEEP MONITORING WELL (SCREENED BELOW WATER TABLE). VALUE NOT USED FOR CONTOURING.
- GENERALIZED DIRECTION OF GROUNDWATER FLOW

Brown AND Caldwell

SCALE: 1" = 60'

153021

DATE: February 2021

NATIONAL GRID
PATCHOGUE FORMER MGP SITE
VILLAGE OF PATCHOGUE, NEW YORK

WATER TABLE ELEVATION CONTOUR MAP
DECEMBER 28, 2020

FIGURE

G-1

Path: C:\users\asantiagolbcpw\d0901435 File Name: FIG-1-(GW_Contours_December-2020) Plot Date: February 5, 2021 4:04 PM Cadd User: Alan Santiago

0 60 120

SCALE IN FEET

LINE OF CROSS-SECTIONAL AREA USED FOR MASS FLUX ESTIMATE

IN-SITU SOLIDIFICATION MASS

NORTHERN AREA

SOUTHERN AREA

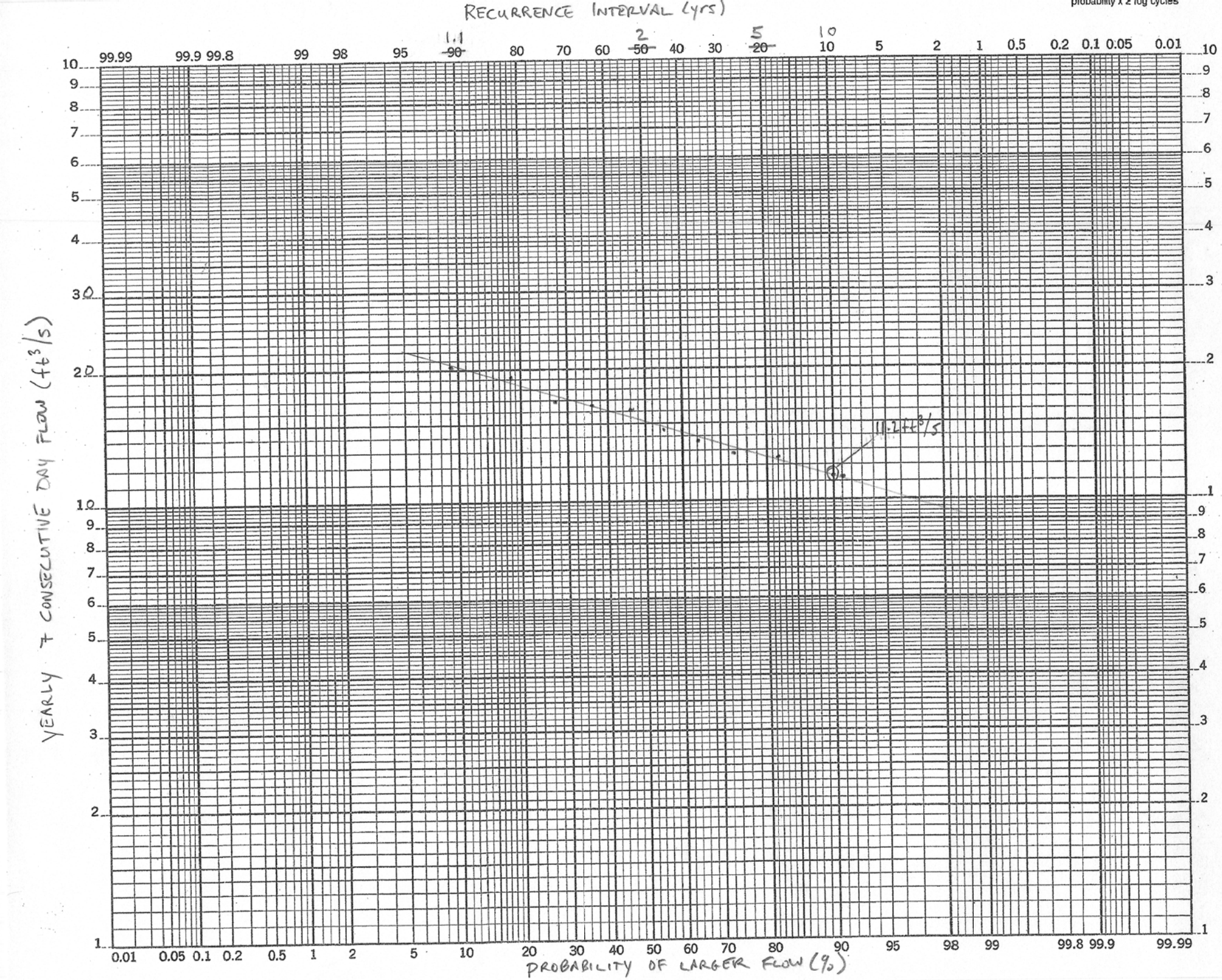
LEGEND:

- PROPERTY LINE
- FENCE
- 10 — TOPOGRAPHIC CONTOUR
- MONITORING WELL LOCATION
- STAFF GAGE LOCATION
- 10 — ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED). LOGARITHMIC CONTOUR INTERVAL (µg/L) - DECEMBER 2020
- 0.65 — HYDROXIDE CONCENTRATION IN GROUNDWATER (µg/L) - DECEMBER 2020
- 4.0 — WATER TABLE CONTOUR (FT., NAVD) DASHED WHERE INFERRED
- GENERALIZED DIRECTION OF GROUNDWATER FLOW

Brown AND Caldwell	SCALE: 1" = 60' 153021 DATE: January 2021	NATIONAL GRID PATCHOGUE FORMER MGP SITE VILLAGE OF PATCHOGUE, NEW YORK	HYDROXIDE(OH-) IN GROUNDWATER (µg/L) DECEMBER, 2020	FIGURE G-2

Path: C:\users\asantiago\bcpw\d09901435 File Name: Hydroxide(OH-)_December2020 Plot Date: February 9, 2021 12:33 PM Cadd User: Alan Santiago

Attachments


RECURRENCE INTERVAL (yrs)
1.1
2
5
10
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
probability x 2 log cycles
YEARLY 7 CONSECUTIVE DAY FLOW (ft³/s)
11.2 ft³/s
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99
PROBABILITY OF LARGER FLOW (%)

ATTACHMENT G-2
MASS FLUX CALCULATIONS - pH
PATCHOGUE RIVER

Mass Flux Calculation
Enter site data in yellow highlighted cells

pH (December 2020) **Figure No.** See Figure G-2

mf = kiA * C
Where: mf = mass flux, µg/s
k = hydraulic conductivity, cm/s
I = hydraulic gradient, dimensionless
A = cross-sectional area, $cm^{2\,(L * b)}$
C = (µg/L)/1000=µg/cm^3

Shallow Groundwater Flux

10-100 Contour

						Contour Interval	Geomean	Segment Length	Thickness
k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells	10			
i =	0.15	hydraulic gradient, dimensionless			Measured in vicinity of selected contours	100	31.62	23	18
C=	31.6227766	µg/L =	0.031622777	µg/cm^3	Geometric mean concentration between selected contours	1000	316.23	63	18
L =	23	ft =	701.04	cm	Length of segment between selected contours [C]	4905	2214.72	25	18
b =	18	ft =	548.64	cm	Saturated thickness				
mf =	1.1E+01	µg/s	3.5E+02	g/yr	0.77275 lbs/yr				

100-1000 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells
i =	0.15	hydraulic gradient, dimensionless			Measured in vicinity of selected contours
C=	316.23	µg/L =	0.316227766	µg/cm^3	Geometric mean concentration between selected contours
L =	63	ft =	1920.24	cm	Length of segment between selected contours [C]
b =	18	ft =	548.64	cm	Saturated thickness
mf =	3.1E+02	µg/s	9.6E+03	g/yr	21.1665 lbs/yr

1000-4905 Contour

k =	6.1E-03	hydraulic conductivity, cm/s			Geometric mean of PDI slug tests for shallow water table wells
i =	0.15	hydraulic gradient, dimensionless			Measured in vicinity of selected contours
C=	2214.72	µg/L =	2.214723459	µg/cm^3	Geometric mean concentration between selected contours
L =	25	ft =	762	cm	Length of segment between selected contours [C]
b =	18	ft =	548.64	cm	Saturated thickness
mf =	8.5E+02	µg/s	2.7E+04	g/yr	58.8258 lbs/yr
mf_{sgw} =	1164.11	µg/s	36711.4	g/yr	80.765 lbs/yr

River Concentration

$$C_R = \frac{mf_{sgw}}{D_R}$$

Where:
D_R = Patchogue River flow, L/s — 11.2 — 7Q10 flow (ft^3/s) calculated using data from a USGS river gauging station (USGS 01306000 PATCHOGUE RIVER AT PATCHOGUE NY), for period 4/1/1958 through
mf_{sgw} = Shallow groundwater flux — See above

D_R = 11.2 ft^3/s = 317 L/s

C_R = 4.74 µg/L
Note - Value is based on hydroxide ion (OH^-) from groundwater discharge plus ambient OH^- in river (1.07 µg/L).

pH_R = 7.45 std. units