284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : CAPRA

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2743

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : Project Number : - Capra

Laboratory Sample ID(s) : Q2743 Sampling Date(s) : 07/31/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **,1030,1311,6010D,7470A,7471B,8082A,8260D,8270E,9012B,9034,9045D,9095B,NJEPH**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☐ Yes ☑ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☑ Yes ☐ No ☐ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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Cover Page

Order ID : Q2743

Project ID : Capra

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2743-01	WC1
Q2743-02	WC1

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 8/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Capra
Project # N/A
Order ID # Q2743
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/31/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis perform ed on instrument MSVOA_ W were done using GC colu mn Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82W072225S.M) for Methylene Chloride passing on Linear regression.

The Continuous Calibration File ID VW031971.D met the requirements except for Bromoform is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

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The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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CASE NARRATIVE

G Environmental
Project Name: Capra
Project # N/A
Order ID # Q2743
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/31/2025.
B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The MS recoveries for {Q2734-01MS} with File ID: BF143313.D met requirements for all samples except for 2,3,4,6-Tetrachlorophenol[68%], 3-Nitroaniline[55%], 4,6-Dinitro-2-methylphenol[55%], 4-Chloroaniline[22%], 4-Nitroaniline[67%], Dibenz(a,h)anthracene[66%], 3,3-Dichlorobenzidine [44%] and Benzo(b)fluoranthene[136%], This compound did not meet the NJDKQP criteria but met the in-house criteria.

And

for Hexachlorocyclopentadiene[0%], Fluoranthene[182%], , Pyrene[136%]. This compound did not meet the NJDKQP criteria and in-house criteria due to matrix interference.

The MSD {Q2734-01MSD} with File ID: BF143314.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[50%], 3-Nitroaniline[62%], 4,6-Dinitro-2-methylphenol[40%], 4-Chloroaniline[26%], This compound did not meet the NJDKQP criteria but met the in-house criteria.

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And

For Hexachlorocyclopentadiene[0%], Fluoranthene[200%], Pyrene[145%], Benzo(b)fluoranthene[136%], This compound did not meet the NJDKQP criteria and in-house criteria due to matrix interference.

The RPD for {Q2734-01MSD} with File ID: BF143314.D met criteria except for 2,4-Dinitrophenol[46%], 4,6-Dinitro-2-methylphenol[32%], RPD failed due to result difference between MS and MSD , Therefore no further corrective action was taken..

The Blank Spike for {PB169095BS} with File ID: BF143307.D met requirements for all compounds except for 3,3-Dichlorobenzidine[65%], 3-Nitroaniline[65%] and 4-Chloroaniline[54%]. This compound did not meet the NJDKQP criteria but met the in-house criteria.

The Blank analysis did not indicate the presence of lab contamination.
The %RSD is greater than 20% for certain compounds in the Initial Calibration (Method 8270-BF071725.M) for 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol this Compound is passing on Linear Regression.

The Continuous Calibration File ID BF143305.D met the requirements except for 4-Nitrophenol. Compound is failing high but associated sample does not have hit for this compound, therefor no further corrective action was taken

The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed

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above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

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CASE NARRATIVE

G Environmental
Project Name: Capra
Project # N/A
Order ID # Q2743
Test Name: PCB

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/31/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PCB. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed

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CASE NARRATIVE

G Environmental
Project Name: Capra
Project # N/A
Order ID # Q2743
Test Name: EPH

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/31/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH. This data package contains results for EPH.

C. Analytical Techniques:
The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analyses were performed on instrument FID_D. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis of EPHs was based on method NJEPH and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2743-01MS} with File ID: FC069640.D recoveries met the requirements for all compounds except for Aliphatic [n-Nonane (C9)- 38%], [n-Tetracosane (C24)- 29%], due to matrix interference. & [Naphthalene (C11.7)- 1%, 2-methylnaphthalene (C12.89)- 0%], these analytes are only being monitoring in aliphatic fraction.

The MS {Q2743-01MS} with File ID: FD049621.D recoveries met the requirements for all compounds except for Aromatic [Chrysene (C27.41)- 187%], [Bnezo[k]fluoranthene (C30.14)- 181%], [Dibenz[a,h]anthracene (C30.36)- 166%], [benzo[b]fluoranthene (C30.41)- 170%], [Indeno[1,2,3-cd]pyrene (C35.01- 175%]due to matrix interference.

The MSD {Q2743-01MSD} with File ID: FC069641.D recoveries met the requirements for all compounds except for Aliphatic [n-Nonane (C9)- 37%], [n-Tetracosane (C24)- 29%], due to matrix interference. & [Naphthalene (C11.7)- 1%, 2-methylnaphthalene (C12.89)- 0%], these analytes are only being monitoring in aliphatic fraction.
The MSD {Q2743-01MSD} with File ID: FD049622.D recoveries met the requirements for all compounds except for Aromatic [Chrysene (C27.41)- 186%],

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[Bnezo[k]fluoranthene (C30.14)- 180%], [Dibenz[a,h]anthracene (C30.36)- 165%], [benzo[b]fluoranthene (C30.41)- 170%], [Indeno[1,2,3-cd]pyrene (C35.01- 174%]due to matrix interference.

The RPD were met for all analysis.

The Blank Spike for {PB169209BS} with File ID: FC069636.D met requirements for all samples except for aliphatic [Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)- 0%], these analytes compounds are only being monitoring in aliphatic friction.

The Blank Spike Duplicate for {PB169209BSD} with File ID: FC069637.D met requirements for all samples except for aliphatic [Naphthalene (C11.7)- 0%, 2-methylnaphthalene (C12.89)- 0%], these analytes compounds are only being monitoring in aliphatic friction.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

G Environmental
Project Name: Capra
Project # N/A
Order ID # Q2743
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 07/31/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Corrosivity, EPH, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS and VOC-TCLVOA-10. This data package contains results for Mercury,Metals ICP-TAL.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
Sample WC1 was diluted due to high concentrations for Mercury.
The Blank Spike met requirements for all compounds.
The Duplicate (OR-02-07312025MSD) analysis met criteria for all compounds except for Calcium due to Chemical Interference during Digestion process.
The Matrix Spike (OR-02-07312025MS) analysis met criteria for all compounds except for Antimony due to Chemical Interference during digestion process.
The Matrix Spike Duplicate (OR-02-07312025MSD) analysis met criteria for all compounds except for Antimony due to Chemical Interference during Digestion Process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution (OR-02-07312025L) met criteria for all compounds except for Calcium and Manganese due to sample matrix interference.

E. Additional Comments:

In Analytical Sequence LB136697 The % Recovery outside limit for Thallium of CCV06 but, no any sample associated under this CCV.

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CASE NARRATIVE

G Environmental
Project Name: Capra
Project # N/A
Order ID # Q2743
Test Name: TCLP ICP Metals,TCLP Mercury

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 07/31/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Corrosivity, EPH, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS and VOC-TCLVOA-10. This data package contains results for TCLP ICP Metals,TCLP Mercury.

C. Analytical Techniques:
The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike (289MS) analysis met criteria for all compounds except for Barium due to Chemical Interference during Digestion Process.
The Matrix Spike Duplicate analysis met criteria for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

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Signature_____

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CASE NARRATIVE

G Environmental
Project Name: Capra
Project # N/A
Order ID # Q2743
Test Name: Corrosivity,Ignitability,Paint Filter,pH,Reactive Cyanide,Reactive Sulfide

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 07/31/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Corrosivity, EPH, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS and VOC-TCLVOA-10. This data package contains results for Corrosivity,Ignitability,Paint Filter,pH,Reactive Cyanide,Reactive Sulfide.

C. Analytical Techniques:
The analysis of Ignitability was based on method 1030, The analysis of Reactive Cyanide was based on method 9012B, The analysis of Reactive Sulfide was based on method 9034, The analysis of Corrosivity,pH was based on method 9045D and The analysis of Paint Filter was based on method 9095B.

D. QA/ QC Samples:
The Holding Times were met for all samples except for WC1 of pH, for WC1 of Corrosivity due to sample receive out of hold.
The Duplicate analysis met criteria for all Compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2743

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 08/13/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2743

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:								
				0				

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	78.3
Sample Wt/Vol:	5.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031977.D	1	08/01/25 11:56	VW080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.40	U	1.40	6.20	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	6.20	ug/Kg
75-01-4	Vinyl Chloride	0.98	U	0.98	6.20	ug/Kg
74-83-9	Bromomethane	1.30	U	1.30	6.20	ug/Kg
75-00-3	Chloroethane	1.60	U	1.60	6.20	ug/Kg
75-69-4	Trichlorofluoromethane	1.50	U	1.50	6.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	6.20	ug/Kg
75-35-4	1,1-Dichloroethene	1.20	U	1.20	6.20	ug/Kg
67-64-1	Acetone	5.90	U	5.90	30.9	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	6.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.90	U	0.90	6.20	ug/Kg
79-20-9	Methyl Acetate	1.90	U	1.90	6.20	ug/Kg
75-09-2	Methylene Chloride	4.40	U	4.40	12.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.99	U	0.99	6.20	ug/Kg
110-82-7	Cyclohexane	0.98	U	0.98	6.20	ug/Kg
78-93-3	2-Butanone	8.10	U	8.10	30.9	ug/Kg
56-23-5	Carbon Tetrachloride	1.20	U	1.20	6.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.93	U	0.93	6.20	ug/Kg
74-97-5	Bromochloromethane	1.40	U	1.40	6.20	ug/Kg
67-66-3	Chloroform	1.00	U	1.00	6.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.20	U	1.20	6.20	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	6.20	ug/Kg
71-43-2	Benzene	0.98	U	0.98	6.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.98	U	0.98	6.20	ug/Kg
79-01-6	Trichloroethene	1.00	U	1.00	6.20	ug/Kg
78-87-5	1,2-Dichloropropane	1.10	U	1.10	6.20	ug/Kg
75-27-4	Bromodichloromethane	0.97	U	0.97	6.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.40	U	4.40	30.9	ug/Kg
108-88-3	Toluene	0.97	U	0.97	6.20	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	78.3
Sample Wt/Vol:	5.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031977.D	1	08/01/25 11:56	VW080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.80	U	0.80	6.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.77	U	0.77	6.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	6.20	ug/Kg
591-78-6	2-Hexanone	4.60	U	4.60	30.9	ug/Kg
124-48-1	Dibromochloromethane	1.10	U	1.10	6.20	ug/Kg
106-93-4	1,2-Dibromoethane	1.10	U	1.10	6.20	ug/Kg
127-18-4	Tetrachloroethene	1.30	U	1.30	6.20	ug/Kg
108-90-7	Chlorobenzene	1.10	U	1.10	6.20	ug/Kg
100-41-4	Ethyl Benzene	0.83	U	0.83	6.20	ug/Kg
179601-23-1	m/p-Xylenes	1.50	U	1.50	12.4	ug/Kg
95-47-6	o-Xylene	1.00	U	1.00	6.20	ug/Kg
100-42-5	Styrene	0.88	U	0.88	6.20	ug/Kg
75-25-2	Bromoform	1.10	U	1.10	6.20	ug/Kg
98-82-8	Isopropylbenzene	0.97	U	0.97	6.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1.50	6.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.10	U	2.10	6.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.90	U	1.90	6.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.80	U	1.80	6.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.30	U	2.30	6.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.70	U	3.70	6.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.90	U	3.90	6.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.3		70 (63) - 130 (155)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (70) - 130 (134)	101%	SPK: 50
2037-26-5	Toluene-d8	48.3		70 (74) - 130 (123)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.5		70 (17) - 130 (146)	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	174000	7.959			
540-36-3	1,4-Difluorobenzene	366000	8.855			
3114-55-4	Chlorobenzene-d5	361000	11.636			
3855-82-1	1,4-Dichlorobenzene-d4	177000	13.55			

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	78.3
Sample Wt/Vol:	5.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031977.D	1	08/01/25 11:56	VW080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2743

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2743-01	WC1	1,2-Dichloroethane-d4	50	54.3	109		70 (63)	130 (155)
		Dibromofluoromethane	50	50.3	101		70 (70)	130 (134)
		Toluene-d8	50	48.3	97		70 (74)	130 (123)
		4-Bromofluorobenzene	50	45.5	91		70 (17)	130 (146)
VW0801SBL01	VW0801SBL01	1,2-Dichloroethane-d4	50	52.5	105		70 (63)	130 (155)
		Dibromofluoromethane	50	49.0	98		70 (70)	130 (134)
		Toluene-d8	50	46.9	94		70 (74)	130 (123)
		4-Bromofluorobenzene	50	44.0	88		70 (17)	130 (146)
VW0801SBS01	VW0801SBS01	1,2-Dichloroethane-d4	50	52.4	105		70 (63)	130 (155)
		Dibromofluoromethane	50	52.5	105		70 (70)	130 (134)
		Toluene-d8	50	51.1	102		70 (74)	130 (123)
		4-Bromofluorobenzene	50	50.9	102		70 (17)	130 (146)
VW0801SBSD0	VW0801SBSD01	1,2-Dichloroethane-d4	50	50.2	100		70 (63)	130 (155)
		Dibromofluoromethane	50	52.1	104		70 (70)	130 (134)
		Toluene-d8	50	51.5	103		70 (74)	130 (123)
		4-Bromofluorobenzene	50	51.2	102		70 (17)	130 (146)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031973.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0801SBS01	Dichlorodifluoromethane	20	17.3	ug/Kg	86			40 (64)	160 (136)	
	Chloromethane	20	19.6	ug/Kg	98			40 (52)	160 (151)	
	Vinyl chloride	20	18.3	ug/Kg	92			70 (56)	130 (148)	
	Bromomethane	20	19.7	ug/Kg	99			40 (58)	160 (141)	
	Chloroethane	20	20.0	ug/Kg	100			40 (69)	160 (130)	
	Trichlorofluoromethane	20	15.3	ug/Kg	77			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/Kg	99			70 (81)	130 (123)	
	1,1-Dichloroethene	20	19.7	ug/Kg	99			70 (79)	130 (121)	
	Acetone	100	110	ug/Kg	110			40 (40)	160 (171)	
	Carbon disulfide	20	18.9	ug/Kg	95			40 (59)	160 (130)	
	Methyl tert-butyl Ether	20	20.1	ug/Kg	101			70 (77)	130 (129)	
	Methyl Acetate	20	22.2	ug/Kg	111			70 (69)	130 (149)	
	Methylene Chloride	20	17.3	ug/Kg	86			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	20	19.8	ug/Kg	99			70 (80)	130 (123)	
	1,1-Dichloroethane	20	20.5	ug/Kg	103			70 (82)	130 (123)	
	Cyclohexane	20	18.4	ug/Kg	92			70 (76)	130 (122)	
	2-Butanone	100	110	ug/Kg	110			40 (69)	160 (131)	
	Carbon Tetrachloride	20	19.4	ug/Kg	97			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	20.2	ug/Kg	101			70 (82)	130 (123)	
	Bromochloromethane	20	20.1	ug/Kg	101			70 (80)	130 (127)	
	Chloroform	20	21.2	ug/Kg	106			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	19.7	ug/Kg	99			70 (80)	130 (126)	
	Methylcyclohexane	20	18.2	ug/Kg	91			70 (77)	130 (123)	
	Benzene	20	20.1	ug/Kg	101			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.6	ug/Kg	103			70 (81)	130 (126)	
	Trichloroethene	20	19.7	ug/Kg	99			70 (83)	130 (122)	
	1,2-Dichloropropane	20	20.6	ug/Kg	103			70 (83)	130 (122)	
	Bromodichloromethane	20	20.8	ug/Kg	104			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	110	ug/Kg	110			40 (70)	160 (135)	
	Toluene	20	20.0	ug/Kg	100			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.3	ug/Kg	97			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	19.4	ug/Kg	97			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.6	ug/Kg	103			70 (82)	130 (125)	
	2-Hexanone	100	110	ug/Kg	110			40 (66)	160 (138)	
	Dibromochloromethane	20	20.5	ug/Kg	103			70 (79)	130 (125)	
	1,2-Dibromoethane	20	21.1	ug/Kg	106			70 (80)	130 (125)	
	Tetrachloroethene	20	20.3	ug/Kg	102			70 (83)	130 (125)	
	Chlorobenzene	20	19.5	ug/Kg	98			70 (84)	130 (122)	
	Ethyl Benzene	20	18.9	ug/Kg	95			70 (82)	130 (124)	
	m/p-Xylenes	40	39.6	ug/Kg	99			70 (83)	130 (124)	
	o-Xylene	20	19.6	ug/Kg	98			70 (83)	130 (123)	
	Styrene	20	19.9	ug/Kg	100			70 (82)	130 (124)	
	Bromoform	20	21.2	ug/Kg	106			70 (75)	130 (127)	
	Isopropylbenzene	20	18.2	ug/Kg	91			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	20.6	ug/Kg	103			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	20.3	ug/Kg	102			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	19.6	ug/Kg	98			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	20.2	ug/Kg	101			70 (83)	130 (124)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031973.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0801SBS01	1,2-Dibromo-3-Chloropropane	20	19.6	ug/Kg	98			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	18.8	ug/Kg	94			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	19.2	ug/Kg	96			70 (70)	130 (137)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031974.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VW0801SBSD01	Dichlorodifluoromethane	20	16.2	ug/Kg	81	6		40 (64)	160 (136)	30 (20)
	Chloromethane	20	18.2	ug/Kg	91	7		40 (52)	160 (151)	30 (20)
	Vinyl chloride	20	17.0	ug/Kg	85	8		70 (56)	130 (148)	30 (20)
	Bromomethane	20	18.4	ug/Kg	92	7		40 (58)	160 (141)	30 (20)
	Chloroethane	20	18.7	ug/Kg	94	6		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	17.4	ug/Kg	87	12		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	18.7	ug/Kg	94	5		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	18.5	ug/Kg	93	6		70 (79)	130 (121)	30 (20)
	Acetone	100	97.9	ug/Kg	98	12		40 (40)	160 (171)	30 (20)
	Carbon disulfide	20	17.8	ug/Kg	89	7		40 (59)	160 (130)	30 (20)
	Methyl tert-butyl Ether	20	20.4	ug/Kg	102	1		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	22.9	ug/Kg	115	4		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	16.1	ug/Kg	81	6		70 (72)	130 (131)	30 (20)
	trans-1,2-Dichloroethene	20	18.9	ug/Kg	95	4		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	19.3	ug/Kg	97	6		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	17.6	ug/Kg	88	4		70 (76)	130 (122)	30 (20)
	2-Butanone	100	97.9	ug/Kg	98	12		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	19.6	ug/Kg	98	1		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	19.3	ug/Kg	97	4		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	19.1	ug/Kg	96	5		70 (80)	130 (127)	30 (20)
	Chloroform	20	19.8	ug/Kg	99	7		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	18.8	ug/Kg	94	5		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	17.8	ug/Kg	89	2		70 (77)	130 (123)	30 (20)
	Benzene	20	20.2	ug/Kg	101	0		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	20.9	ug/Kg	104	1		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	19.8	ug/Kg	99	0		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	20.2	ug/Kg	101	2		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	20.7	ug/Kg	104	0		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	0		40 (70)	160 (135)	30 (20)
	Toluene	20	20.0	ug/Kg	100	0		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	19.7	ug/Kg	99	2		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	19.8	ug/Kg	99	2		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	21.6	ug/Kg	108	5		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	100	ug/Kg	100	10		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	20.8	ug/Kg	104	1		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	21.1	ug/Kg	106	0		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	19.2	ug/Kg	96	6		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	19.4	ug/Kg	97	1		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	18.6	ug/Kg	93	2		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	38.8	ug/Kg	97	2		70 (83)	130 (124)	30 (20)
	o-Xylene	20	19.1	ug/Kg	96	2		70 (83)	130 (123)	30 (20)
	Styrene	20	19.5	ug/Kg	98	2		70 (82)	130 (124)	30 (20)
	Bromoform	20	20.4	ug/Kg	102	4		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	17.4	ug/Kg	87	4		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	19.6	ug/Kg	98	5		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	18.7	ug/Kg	94	8		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	18.9	ug/Kg	95	3		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	19.2	ug/Kg	96	5		70 (83)	130 (124)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031974.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VW0801SBSD01	1,2-Dibromo-3-Chloropropane	20	19.2	ug/Kg	96	2		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	17.6	ug/Kg	88	7		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	18.7	ug/Kg	94	2		70 (70)	130 (137)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW0801SBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2743

Lab File ID: VW031972.D | Lab Sample ID: VW0801SBL01

Date Analyzed: 08/01/2025 | Time Analyzed: 09:21

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0801SBS01	VW0801SBS01	VW031973.D	08/01/2025
VW0801SBSD01	VW0801SBSD01	VW031974.D	08/01/2025
WC1	Q2743-01	VW031977.D	08/01/2025

COMMENTS:

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q2743
Lab File ID: VW031890.D
BFB Injection Date: 07/22/2025
Instrument ID: MSVOA_W
BFB Injection Time: 08:14
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.3
75	30.0 - 60.0% of mass 95	51.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	67.1
175	5.0 - 9.0% of mass 174	4.8 (7.1) 1
176	95.0 - 101.0% of mass 174	63.8 (95) 1
177	5.0 - 9.0% of mass 176	4 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW031891.D	07/22/2025	09:05
VSTDICC010	VSTDICC010	VW031892.D	07/22/2025	09:37
VSTDICC020	VSTDICC020	VW031893.D	07/22/2025	10:17
VSTDICCC050	VSTDICCC050	VW031894.D	07/22/2025	10:39
VSTDICC100	VSTDICC100	VW031895.D	07/22/2025	11:18
VSTDICC150	VSTDICC150	VW031896.D	07/22/2025	12:00

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG NO.: Q2743
Lab File ID: VW031970.D
BFB Injection Date: 08/01/2025
Instrument ID: MSVOA_W
BFB Injection Time: 07:52
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	52.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	63.8
175	5.0 - 9.0% of mass 174	4.8 (7.5) 1
176	95.0 - 101.0% of mass 174	61.5 (96.4) 1
177	5.0 - 9.0% of mass 176	4 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW031971.D	08/01/2025	08:21
VW0801SBL01	VW0801SBL01	VW031972.D	08/01/2025	09:21
VW0801SBS01	VW0801SBS01	VW031973.D	08/01/2025	09:49
VW0801SBSD01	VW0801SBSD01	VW031974.D	08/01/2025	10:12
WC1	Q2743-01	VW031977.D	08/01/2025	11:56

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2743

Lab File ID: VW031971.D Date Analyzed: 08/01/2025

Instrument ID: MSVOA_W Time Analyzed: 08:21

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	217356	7.96	389384	8.85	352859	11.63
UPPER LIMIT	434712	8.459	778768	9.349	705718	12.129
LOWER LIMIT	108678	7.459	194692	8.349	176430	11.129
EPA SAMPLE NO.						
WC1	174433	7.96	365996	8.86	361399	11.64
VW0801SBL01	165069	7.96	350388	8.85	344045	11.64
VW0801SBS01	204409	7.96	389040	8.85	355301	11.63
VW0801SBSD01	220615	7.96	398144	8.86	370224	11.63

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2743

Lab File ID: VW031971.D Date Analyzed: 08/01/2025

Instrument ID: MSVOA_W Time Analyzed: 08:21

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	168273	13.556				
UPPER LIMIT	336546	14.056				
LOWER LIMIT	84136.5	13.056				
EPA SAMPLE NO.						
WC1	177152	13.55				
VW0801SBL01	156295	13.56				
VW0801SBS01	169621	13.56				
VW0801SBSD01	179082	13.56				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0801SBL01	SDG No.:	Q2743
Lab Sample ID:	VW0801SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031972.D	1	08/01/25 09:21	VW080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0801SBL01	SDG No.:	Q2743
Lab Sample ID:	VW0801SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031972.D	1	08/01/25 09:21	VW080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.5		70 (63) - 130 (155)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		70 (70) - 130 (134)	98%	SPK: 50
2037-26-5	Toluene-d8	46.9		70 (74) - 130 (123)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.0		70 (17) - 130 (146)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	165000	7.959			
540-36-3	1,4-Difluorobenzene	350000	8.849			
3114-55-4	Chlorobenzene-d5	344000	11.636			
3855-82-1	1,4-Dichlorobenzene-d4	156000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0801SBL01	SDG No.:	Q2743
Lab Sample ID:	VW0801SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031972.D	1	08/01/25 09:21	VW080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0801SBS01	SDG No.:	Q2743
Lab Sample ID:	VW0801SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031973.D	1	08/01/25 09:49	VW080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	17.3		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.6		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	18.3		0.79	5.00	ug/Kg
74-83-9	Bromomethane	19.7		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.0		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	15.3		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	19.7		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.9		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.1		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	22.2		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	17.3		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.8		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.5		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	18.4		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.4		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.2		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.1		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.2		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.7		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	18.2		0.91	5.00	ug/Kg
71-43-2	Benzene	20.1		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.7		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.6		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		3.60	25.0	ug/Kg
108-88-3	Toluene	20.0		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0801SBS01	SDG No.:	Q2743
Lab Sample ID:	VW0801SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031973.D	1	08/01/25 09:49	VW080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.3		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.4		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.6		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.5		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	21.1		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	19.5		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	18.9		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.6		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.6		0.82	5.00	ug/Kg
100-42-5	Styrene	19.9		0.71	5.00	ug/Kg
75-25-2	Bromoform	21.2		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	18.2		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.6		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.3		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.6		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.2		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	18.8		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.2		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		70 (63) - 130 (155)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		70 (70) - 130 (134)	105%	SPK: 50
2037-26-5	Toluene-d8	51.1		70 (74) - 130 (123)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		70 (17) - 130 (146)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	204000	7.959			
540-36-3	1,4-Difluorobenzene	389000	8.849			
3114-55-4	Chlorobenzene-d5	355000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	170000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0801SBS01	SDG No.:	Q2743
Lab Sample ID:	VW0801SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031973.D	1	08/01/25 09:49	VW080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0801SBSD01	SDG No.:	Q2743
Lab Sample ID:	VW0801SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031974.D	1	08/01/25 10:12	VW080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	16.2		1.10	5.00	ug/Kg
74-87-3	Chloromethane	18.2		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	17.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	18.4		1.10	5.00	ug/Kg
75-00-3	Chloroethane	18.7		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	17.4		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	18.7		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	18.5		1.00	5.00	ug/Kg
67-64-1	Acetone	97.9		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	17.8		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.4		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	22.9		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	16.1		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	18.9		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	19.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	17.6		0.79	5.00	ug/Kg
78-93-3	2-Butanone	97.9		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.6		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.3		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	19.1		1.20	5.00	ug/Kg
67-66-3	Chloroform	19.8		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	18.8		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	17.8		0.91	5.00	ug/Kg
71-43-2	Benzene	20.2		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.9		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.8		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.2		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.7		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		3.60	25.0	ug/Kg
108-88-3	Toluene	20.0		0.78	5.00	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0801SBSD01	SDG No.:	Q2743
Lab Sample ID:	VW0801SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031974.D	1	08/01/25 10:12	VW080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.7		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.8		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.6		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	100		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.8		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	21.1		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	19.2		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	19.4		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	18.6		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	38.8		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.1		0.82	5.00	ug/Kg
100-42-5	Styrene	19.5		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.4		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	17.4		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.6		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	18.7		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	18.9		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.2		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	17.6		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	18.7		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.2		70 (63) - 130 (155)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	52.1		70 (70) - 130 (134)	104%	SPK: 50
2037-26-5	Toluene-d8	51.5		70 (74) - 130 (123)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2		70 (17) - 130 (146)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	221000	7.959			
540-36-3	1,4-Difluorobenzene	398000	8.855			
3114-55-4	Chlorobenzene-d5	370000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	179000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0801SBSD01	SDG No.:	Q2743
Lab Sample ID:	VW0801SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031974.D	1	08/01/25 10:12	VW080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2743

Instrument ID: MSVOA_W Calibration Date(s): 07/22/2025 07/22/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:05 12:00

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VW031891.D RRF010 = VW031892.D RRF020 = VW031893.D
RRF050 = VW031894.D RRF100 = VW031895.D RRF150 = VW031896.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.427	0.364	0.355	0.358	0.369	0.357	0.372	7.4
Chloromethane	0.533	0.475	0.462	0.434	0.459	0.498	0.477	7.2
Vinyl Chloride	0.635	0.615	0.612	0.615	0.617	0.624	0.620	1.3
Bromomethane	0.500	0.454	0.444	0.434	0.448	0.457	0.456	5
Chloroethane	0.448	0.395	0.394	0.392	0.409	0.414	0.409	5.2
Trichlorofluoromethane	0.670	0.552	0.574	0.679	0.625	0.666	0.628	8.6
1,1,2-Trichlorotrifluoroethane	0.674	0.603	0.582	0.589	0.584	0.590	0.604	5.8
1,1-Dichloroethene	0.714	0.656	0.650	0.645	0.667	0.669	0.667	3.7
Acetone	0.206	0.189	0.186	0.166	0.168	0.163	0.179	9.3
Carbon Disulfide	1.775	1.643	1.708	1.693	1.757	1.798	1.729	3.4
Methyl tert-butyl Ether	1.271	1.110	1.204	1.132	1.153	1.042	1.152	6.9
Methyl Acetate	0.528	0.427	0.529	0.475	0.527	0.481	0.494	8.4
Methylene Chloride	1.615	0.931	0.910	0.756	0.730	0.722	0.944	36.1
trans-1,2-Dichloroethene	0.767	0.679	0.697	0.691	0.699	0.712	0.707	4.4
1,1-Dichloroethane	1.372	1.262	1.274	1.263	1.291	1.296	1.293	3.2
Cyclohexane	1.399	1.176	1.078	1.099	1.100	1.107	1.160	10.5
2-Butanone	0.260	0.231	0.266	0.236	0.254	0.227	0.246	6.7
Carbon Tetrachloride	0.489	0.498	0.502	0.493	0.517	0.506	0.501	2
cis-1,2-Dichloroethene	0.878	0.789	0.821	0.824	0.846	0.831	0.832	3.6
Bromochloromethane	0.585	0.520	0.546	0.526	0.542	0.531	0.541	4.3
Chloroform	1.436	1.336	1.362	1.314	1.348	1.338	1.356	3.1
1,1,1-Trichloroethane	1.114	1.017	1.008	1.010	1.009	1.032	1.032	4
Methylcyclohexane	0.655	0.643	0.637	0.657	0.690	0.659	0.657	2.8
Benzene	1.558	1.540	1.565	1.520	1.569	1.517	1.545	1.5
1,2-Dichloroethane	0.508	0.484	0.516	0.480	0.507	0.471	0.494	3.7
Trichloroethene	0.370	0.372	0.356	0.362	0.375	0.368	0.367	1.8
1,2-Dichloropropane	0.381	0.367	0.376	0.360	0.377	0.370	0.372	2.1
Bromodichloromethane	0.537	0.546	0.561	0.535	0.582	0.557	0.553	3.2
4-Methyl-2-Pentanone	0.293	0.270	0.317	0.295	0.320	0.273	0.295	7.1
Toluene	0.992	0.998	1.003	0.979	0.998	0.986	0.993	0.9

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2743

Instrument ID: MSVOA_W | Calibration Date(s): 07/22/2025 07/22/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 09:05 12:00

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VW031891.D RRF010 = VW031892.D RRF020 = VW031893.D
RRF050 = VW031894.D RRF100 = VW031895.D RRF150 = VW031896.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.502	0.496	0.535	0.522	0.575	0.552	0.530	5.7
cis-1,3-Dichloropropene	0.591	0.578	0.601	0.602	0.646	0.617	0.606	3.9
1,1,2-Trichloroethane	0.316	0.297	0.314	0.300	0.317	0.295	0.306	3.3
2-Hexanone	0.205	0.188	0.220	0.206	0.222	0.189	0.205	7.1
Dibromochloromethane	0.349	0.339	0.358	0.351	0.386	0.359	0.357	4.5
1,2-Dibromoethane	0.302	0.291	0.318	0.297	0.318	0.290	0.303	4.2
Tetrachloroethene	0.345	0.334	0.333	0.324	0.319	0.323	0.330	2.9
Chlorobenzene	1.216	1.227	1.257	1.244	1.193	1.205	1.224	2
Ethyl Benzene	2.167	2.107	2.165	2.226	2.099	2.137	2.150	2.2
m/p-Xylenes	0.808	0.801	0.829	0.823	0.794	0.802	0.809	1.7
o-Xylene	0.734	0.742	0.774	0.796	0.769	0.780	0.766	3.1
Styrene	1.277	1.260	1.344	1.361	1.276	1.308	1.304	3.1
Bromoform	0.202	0.182	0.208	0.219	0.223	0.211	0.207	7.1
Isopropylbenzene	4.192	4.207	4.224	4.405	4.614	4.387	4.338	3.8
1,1,2,2-Tetrachloroethane	0.947	0.851	0.964	0.914	0.982	0.868	0.921	5.7
1,3-Dichlorobenzene	2.060	1.901	2.017	1.911	1.977	1.858	1.954	3.9
1,4-Dichlorobenzene	2.044	1.907	1.985	1.824	1.942	1.783	1.914	5.1
1,2-Dichlorobenzene	1.806	1.694	1.765	1.677	1.802	1.646	1.732	3.9
1,2-Dibromo-3-Chloropropane	0.183	0.145	0.169	0.160	0.180	0.160	0.166	8.5
1,2,4-Trichlorobenzene	1.113	0.952	1.036	0.984	1.171	1.010	1.044	7.9
1,2,3-Trichlorobenzene	0.976	0.898	0.907	0.935	1.042	0.920	0.946	5.7
1,2-Dichloroethane-d4	0.899	0.744	0.782	0.709	0.717	0.686	0.756	10.2
Dibromofluoromethane	0.358	0.353	0.346	0.326	0.330	0.324	0.340	4.3
Toluene-d8	1.393	1.309	1.327	1.224	1.259	1.204	1.286	5.5
4-Bromofluorobenzene	0.542	0.515	0.516	0.460	0.476	0.452	0.494	7.2

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2743
Instrument ID: MSVOA_W
Calibration Date/Time: 08/01/2025 08:21
Lab File ID: VW031971.D
Init. Calib. Date(s): 07/22/2025 07/22/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:05 12:00
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.372	0.424		13.98	20
Chloromethane	0.477	0.550	0.1	15.3	20
Vinyl Chloride	0.620	0.631		1.77	20
Bromomethane	0.456	0.502		10.09	20
Chloroethane	0.409	0.447		9.29	20
Trichlorofluoromethane	0.628	0.556		-11.47	20
1,1,2-Trichlorotrifluoroethane	0.604	0.645		6.79	20
1,1-Dichloroethene	0.667	0.727		9	20
Acetone	0.179	0.201		12.29	20
Carbon Disulfide	1.729	1.915		10.76	20
Methyl tert-butyl Ether	1.152	1.215		5.47	20
Methyl Acetate	0.494	0.592		19.84	20
Methylene Chloride	0.944	0.764		-19.07	20
trans-1,2-Dichloroethene	0.707	0.761		7.64	20
1,1-Dichloroethane	1.293	1.383	0.1	6.96	20
Cyclohexane	1.160	1.145		-1.29	20
2-Butanone	0.246	0.276		12.19	20
Carbon Tetrachloride	0.501	0.560		11.78	20
cis-1,2-Dichloroethene	0.832	0.892		7.21	20
Bromochloromethane	0.541	0.501		-7.39	20
Chloroform	1.356	1.479		9.07	20
1,1,1-Trichloroethane	1.032	1.084		5.04	20
Methylcyclohexane	0.657	0.708		7.76	20
Benzene	1.545	1.718		11.2	20
1,2-Dichloroethane	0.494	0.555		12.35	20
Trichloroethene	0.367	0.401		9.26	20
1,2-Dichloropropane	0.372	0.415		11.56	20
Bromodichloromethane	0.553	0.636		15.01	20
4-Methyl-2-Pentanone	0.295	0.348		17.97	20
Toluene	0.993	1.134		14.2	20
t-1,3-Dichloropropene	0.530	0.592		11.7	20
cis-1,3-Dichloropropene	0.606	0.680		12.21	20
1,1,2-Trichloroethane	0.306	0.352		15.03	20
2-Hexanone	0.205	0.241		17.56	20
Dibromochloromethane	0.357	0.419		17.37	20
1,2-Dibromoethane	0.303	0.340		12.21	20
Tetrachloroethene	0.330	0.342		3.64	20
Chlorobenzene	1.224	1.307	0.3	6.78	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG No.: Q2743

Instrument ID: MSVOA_W | Calibration Date/Time: 08/01/2025 08:21

Lab File ID: VW031971.D | Init. Calib. Date(s): 07/22/2025 07/22/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 09:05 12:00

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.150	2.369		10.19	20
m/p-Xylenes	0.809	0.892		10.26	20
o-Xylene	0.766	0.852		11.23	20
Styrene	1.304	1.488		14.11	20
Bromoform	0.207	0.250	0.1	20.77	20
Isopropylbenzene	4.338	4.606		6.18	20
1,1,2,2-Tetrachloroethane	0.921	1.020	0.3	10.75	20
1,3-Dichlorobenzene	1.954	2.047		4.76	20
1,4-Dichlorobenzene	1.914	2.007		4.86	20
1,2-Dichlorobenzene	1.732	1.810		4.5	20
1,2-Dibromo-3-Chloropropane	0.166	0.183		10.24	20
1,2,4-Trichlorobenzene	1.044	1.113		6.61	20
1,2,3-Trichlorobenzene	0.946	1.014		7.19	20
1,2-Dichloroethane-d4	0.756	0.751		-0.66	20
Dibromofluoromethane	0.340	0.365		7.35	20
Toluene-d8	1.286	1.350		4.98	20
4-Bromofluorobenzene	0.494	0.495		0.2	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031977.D
Acq On : 01 Aug 2025 11:56
Operator : SY/MD
Sample : Q2743-01
Misc : 5.16g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC1

Quant Time: Aug 01 23:11:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	174433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	365996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	361399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	177152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	143395	54.342	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 108.680%			
35) Dibromofluoromethane	7.904	113	125146	50.320	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 100.640%			
50) Toluene-d8	10.325	98	454906	48.330	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 96.660%			
62) 4-Bromofluorobenzene	12.617	95	164274	45.452	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 90.900%			

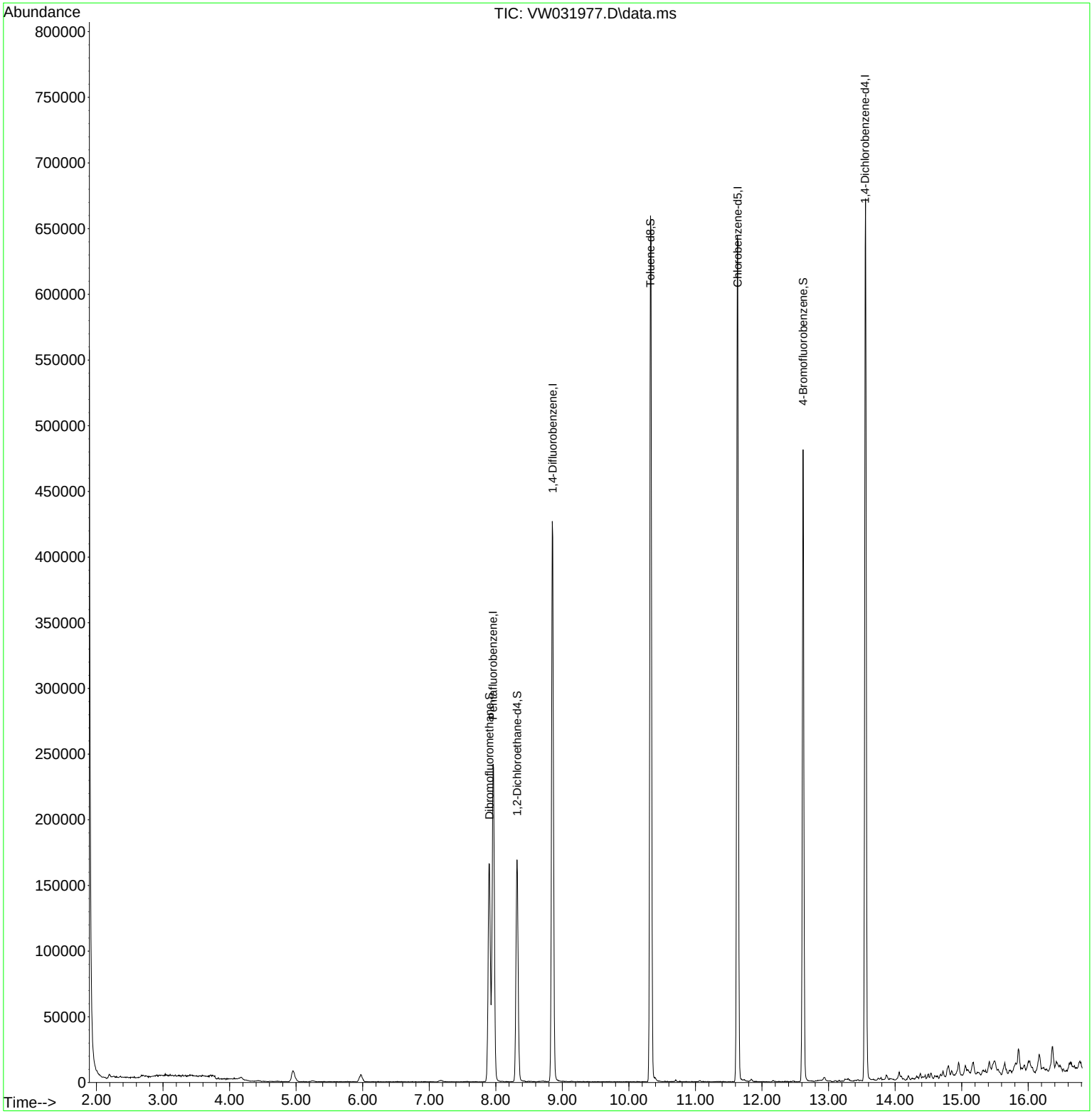
Target Compounds Qvalue

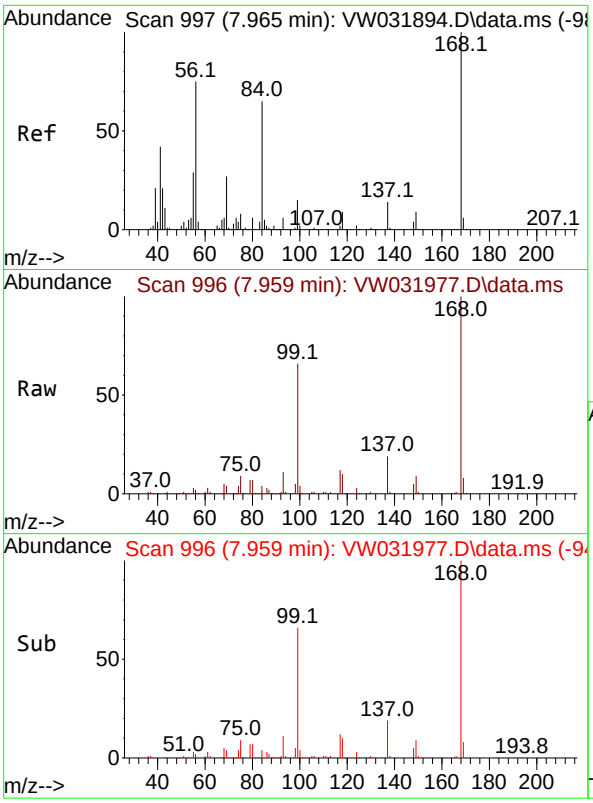
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031977.D
Acq On : 01 Aug 2025 11:56
Operator : SY/MD
Sample : Q2743-01
Misc : 5.16g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC1

Quant Time: Aug 01 23:11:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration



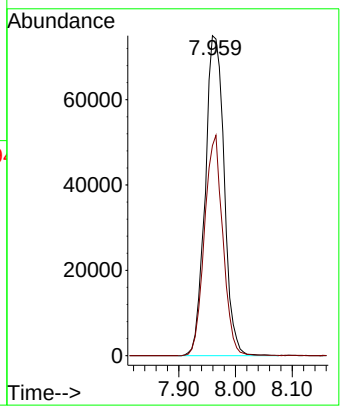


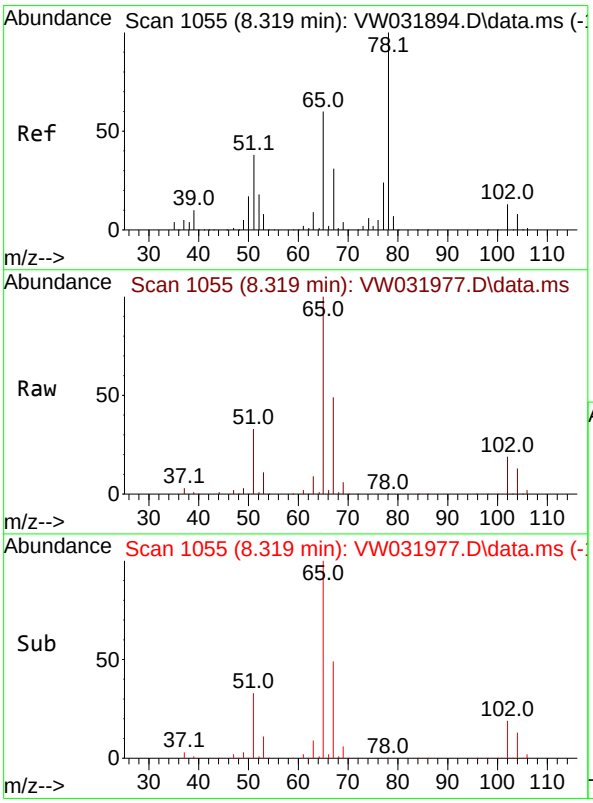
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031977.D
Acq: 01 Aug 2025 11:56

Instrument :
MSVOA_W
ClientSampleId :
WC1

Tgt Ion:168 Resp: 174433

Ion	Ratio	Lower	Upper
168	100		
99	65.6	48.2	72.2

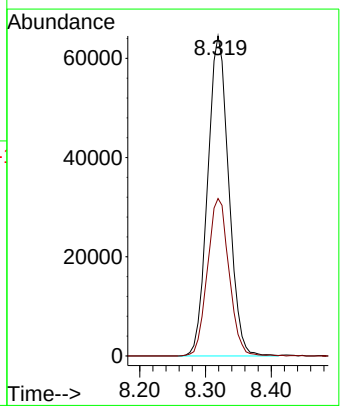


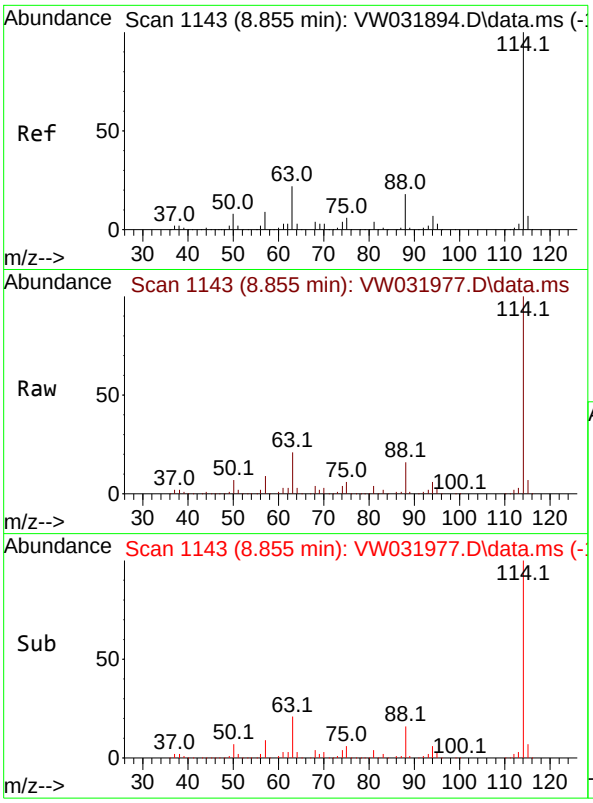


#33
1,2-Dichloroethane-d4
Concen: 54.342 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031977.D
Acq: 01 Aug 2025 11:56

Tgt Ion: 65 Resp: 143395

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.4



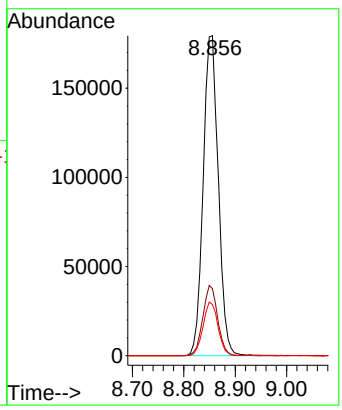


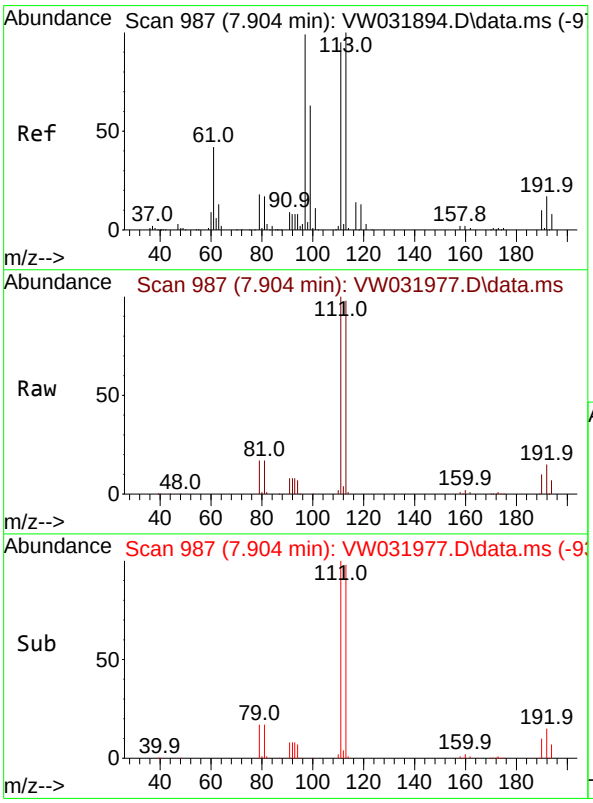
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031977.D
Acq: 01 Aug 2025 11:56

Instrument :
MSVOA_W
ClientSampleId :
WC1

Tgt Ion:114 Resp: 365996

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	44.2
88	16.0	0.0	35.6

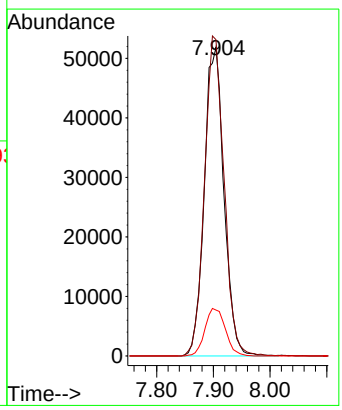


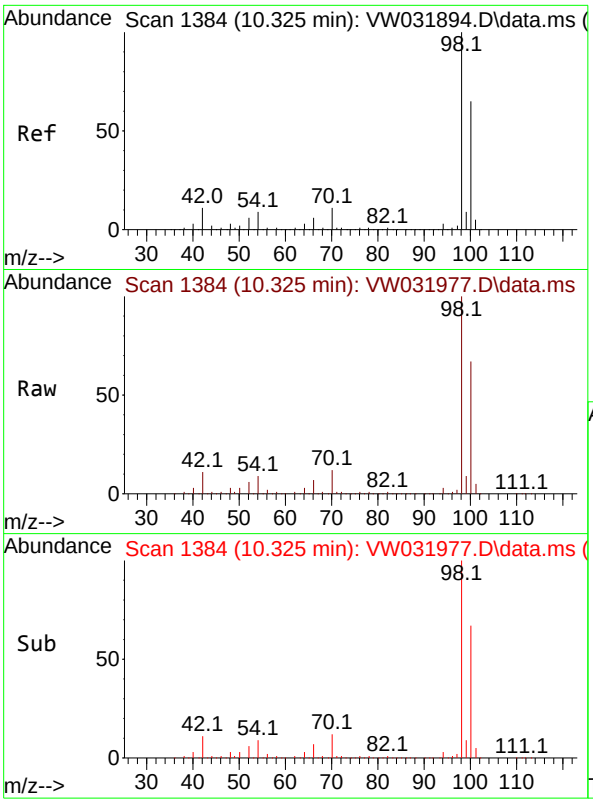


#35
Dibromofluoromethane
Concen: 50.320 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031977.D
Acq: 01 Aug 2025 11:56

Tgt Ion:113 Resp: 125146

Ion	Ratio	Lower	Upper
113	100		
111	102.8	79.9	119.9
192	16.0	12.6	19.0



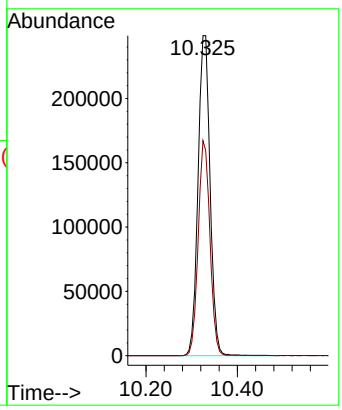


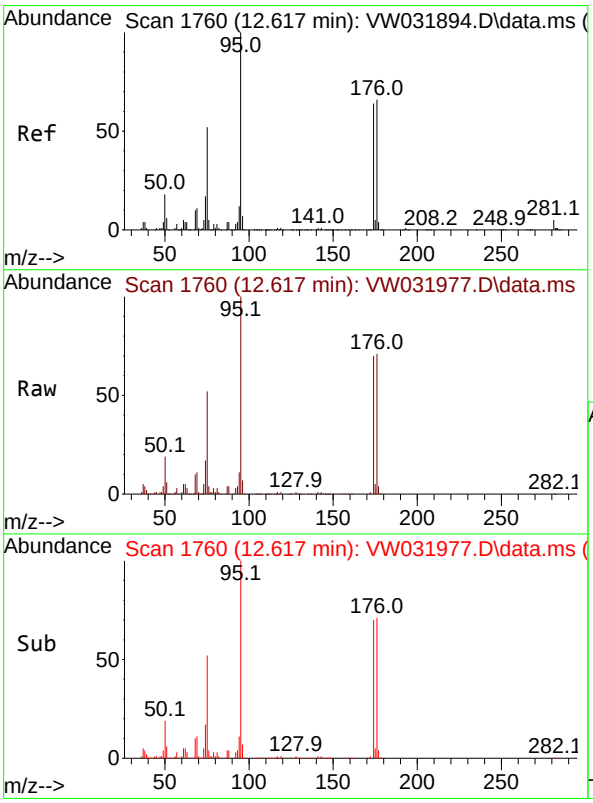
#50
Toluene-d8
Concen: 48.330 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031977.D
Acq: 01 Aug 2025 11:56

Instrument :
MSVOA_W
ClientSampleId :
WC1

Tgt Ion: 98 Resp: 454906

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.7	77.5

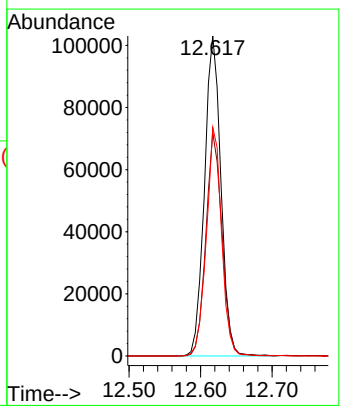


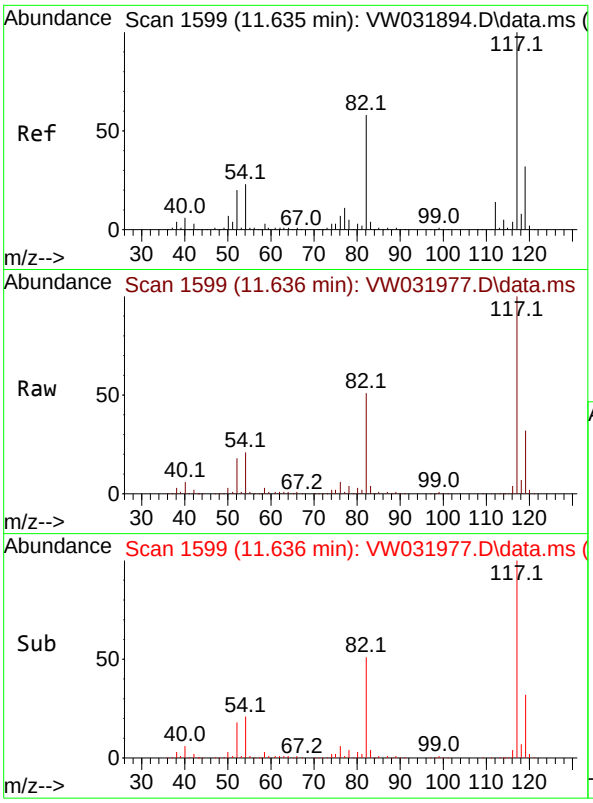


#62
4-Bromofluorobenzene
Concen: 45.452 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031977.D
Acq: 01 Aug 2025 11:56

Tgt Ion: 95 Resp: 164274

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	129.8
176	66.5	0.0	130.4



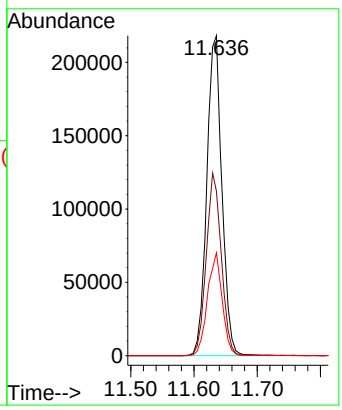


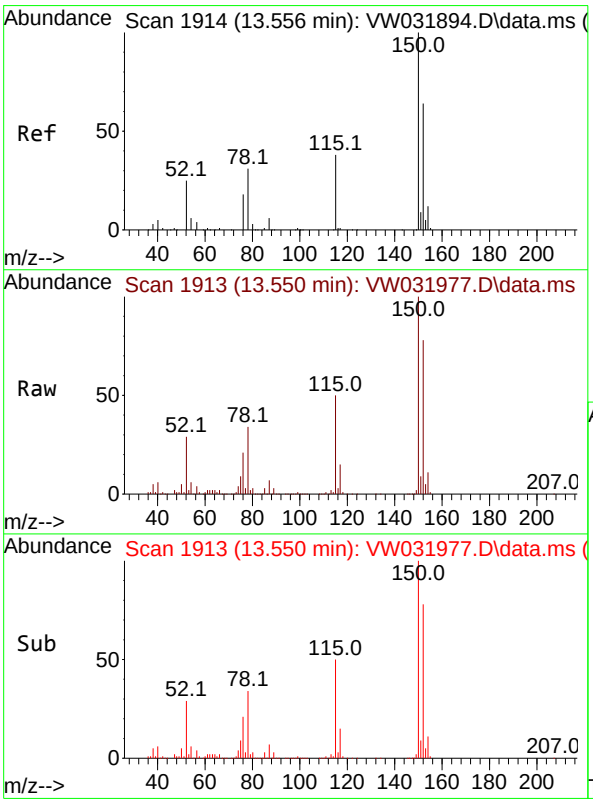
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031977.D
Acq: 01 Aug 2025 11:56

Instrument :
MSVOA_W
ClientSampleId :
WC1

Tgt Ion:117 Resp: 361399

Ion	Ratio	Lower	Upper
117	100		
82	51.4	46.5	69.7
119	32.2	25.8	38.6

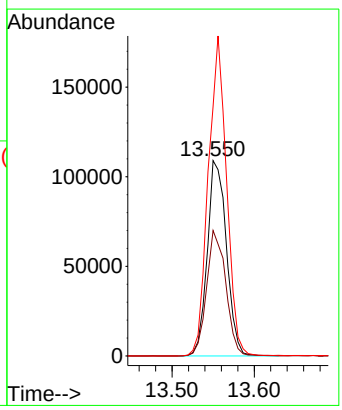




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.550 min Scan# 1913
Delta R.T. -0.006 min
Lab File: VW031977.D
Acq: 01 Aug 2025 11:56

Tgt Ion:152 Resp: 177152

Ion	Ratio	Lower	Upper
152	100		
115	64.5	33.4	100.1
150	156.3	0.0	352.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031977.D
Acq On : 01 Aug 2025 11:56
Operator : SY/MD
Sample : Q2743-01
Misc : 5.16g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Title : SW846 8260

Signal : TIC: VW031977.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	493	503	519	rVB3	8433	31079	2.59%	0.463%
2	5.972	659	670	679	rBV2	5633	17996	1.50%	0.268%
3	7.898	976	986	991	rBV	165878	397111	33.10%	5.914%
4	7.959	991	996	1011	rVB	241577	560747	46.73%	8.350%
5	8.319	1042	1055	1066	rBV	168962	382709	31.89%	5.699%
6	8.849	1131	1142	1154	rBV	426550	869053	72.43%	12.942%
7	10.325	1376	1384	1394	rBV	659396	1199906	100.00%	17.869%
8	11.629	1589	1598	1611	rBV	644577	1112794	92.74%	16.571%
9	12.617	1752	1760	1771	rBV	481194	761067	63.43%	11.334%
10	13.556	1906	1914	1923	rBV	671516	1111773	92.66%	16.556%
11	14.062	1987	1997	2001	rBV	6088	12535	1.04%	0.187%
12	14.800	2111	2118	2123	rBV4	8421	20194	1.68%	0.301%
13	14.952	2137	2143	2149	rVB8	9494	18643	1.55%	0.278%
14	15.056	2153	2160	2163	rBV6	7446	14562	1.21%	0.217%
15	15.178	2172	2180	2186	rVB4	8941	21520	1.79%	0.320%
16	15.415	2213	2219	2224	rBV7	8408	17630	1.47%	0.263%
17	15.495	2224	2232	2238	rVB9	7378	23838	1.99%	0.355%
18	15.647	2249	2257	2265	rBV4	9178	23810	1.98%	0.355%
19	15.812	2277	2284	2286	rBV8	6056	13372	1.11%	0.199%
20	15.854	2287	2291	2296	rVB4	15346	29590	2.47%	0.441%
21	16.165	2332	2342	2347	rBV8	13915	37644	3.14%	0.561%
22	16.366	2367	2375	2380	rBV5	17205	37622	3.14%	0.560%

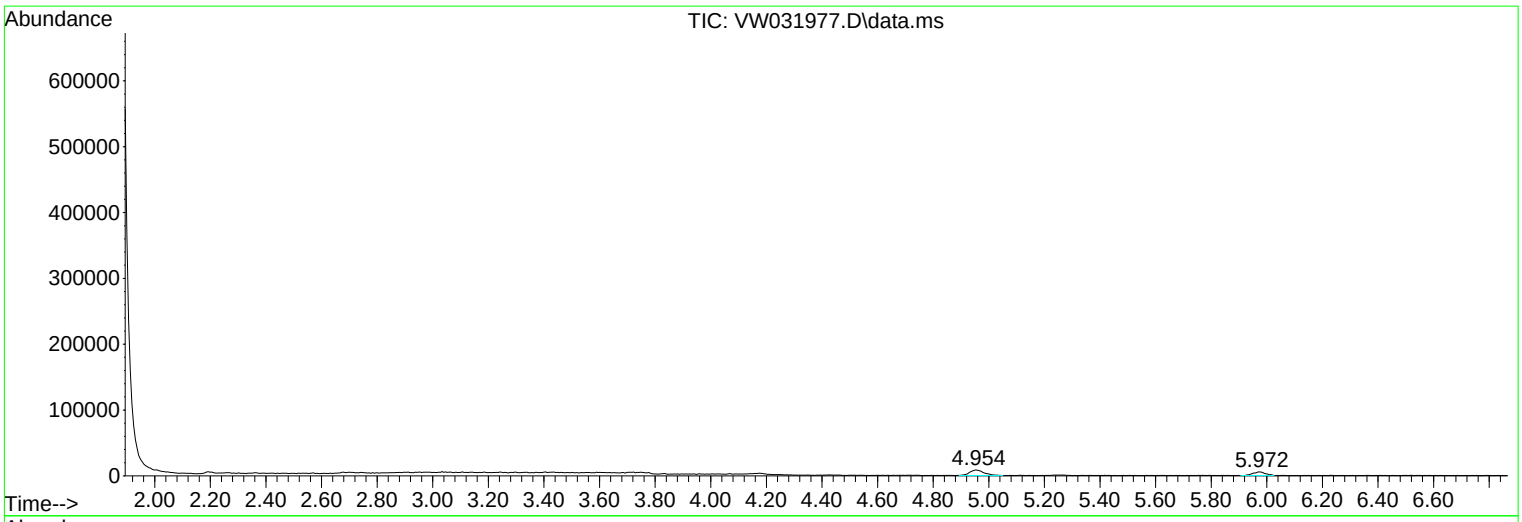
Sum of corrected areas: 6715195

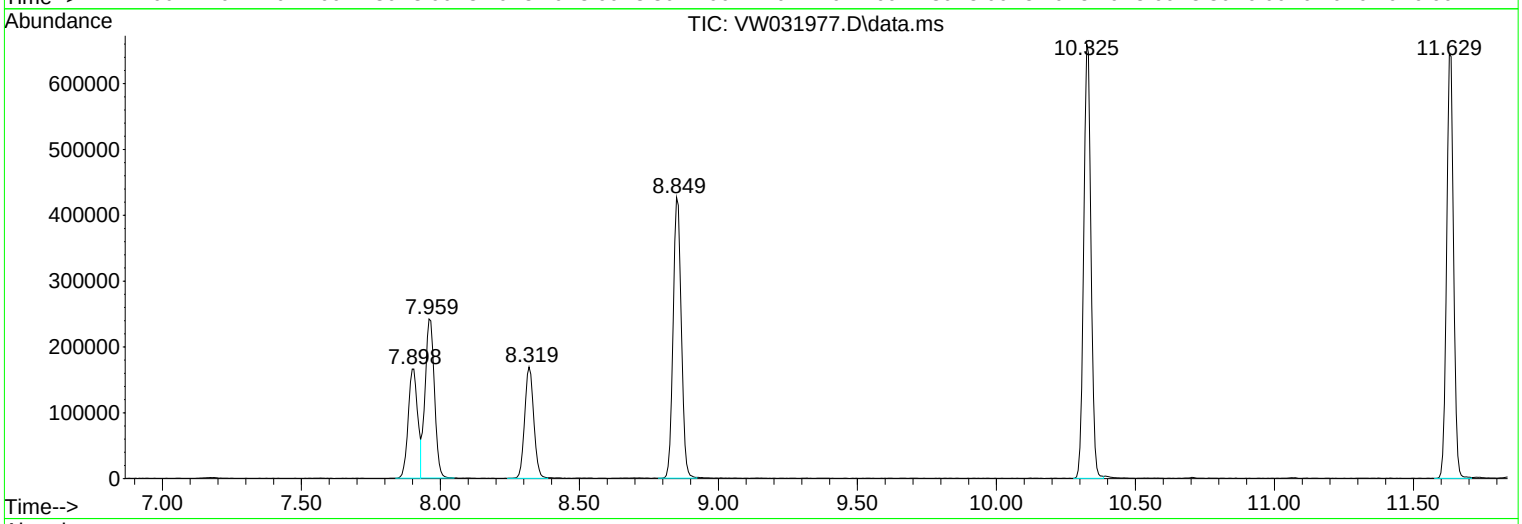
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031977.D
Acq On : 01 Aug 2025 11:56
Operator : SY/MD
Sample : Q2743-01
Misc : 5.16g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

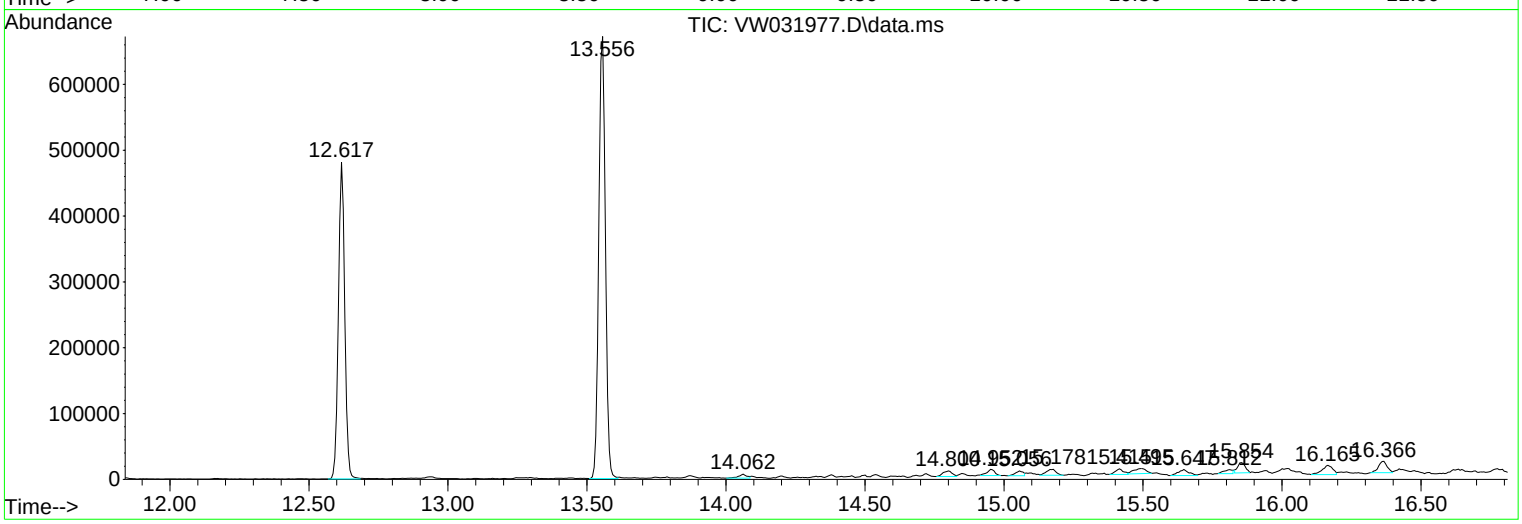
Instrument :
MSVOA_W
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031977.D
Acq On : 01 Aug 2025 11:56
Operator : SY/MD
Sample : Q2743-01
Misc : 5.16g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031977.D
Acq On : 01 Aug 2025 11:56
Operator : SY/MD
Sample : Q2743-01
Misc : 5.16g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031972.D
Acq On : 01 Aug 2025 09:21
Operator : SY/MD
Sample : VW0801SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBL01

Quant Time: Aug 01 23:07:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

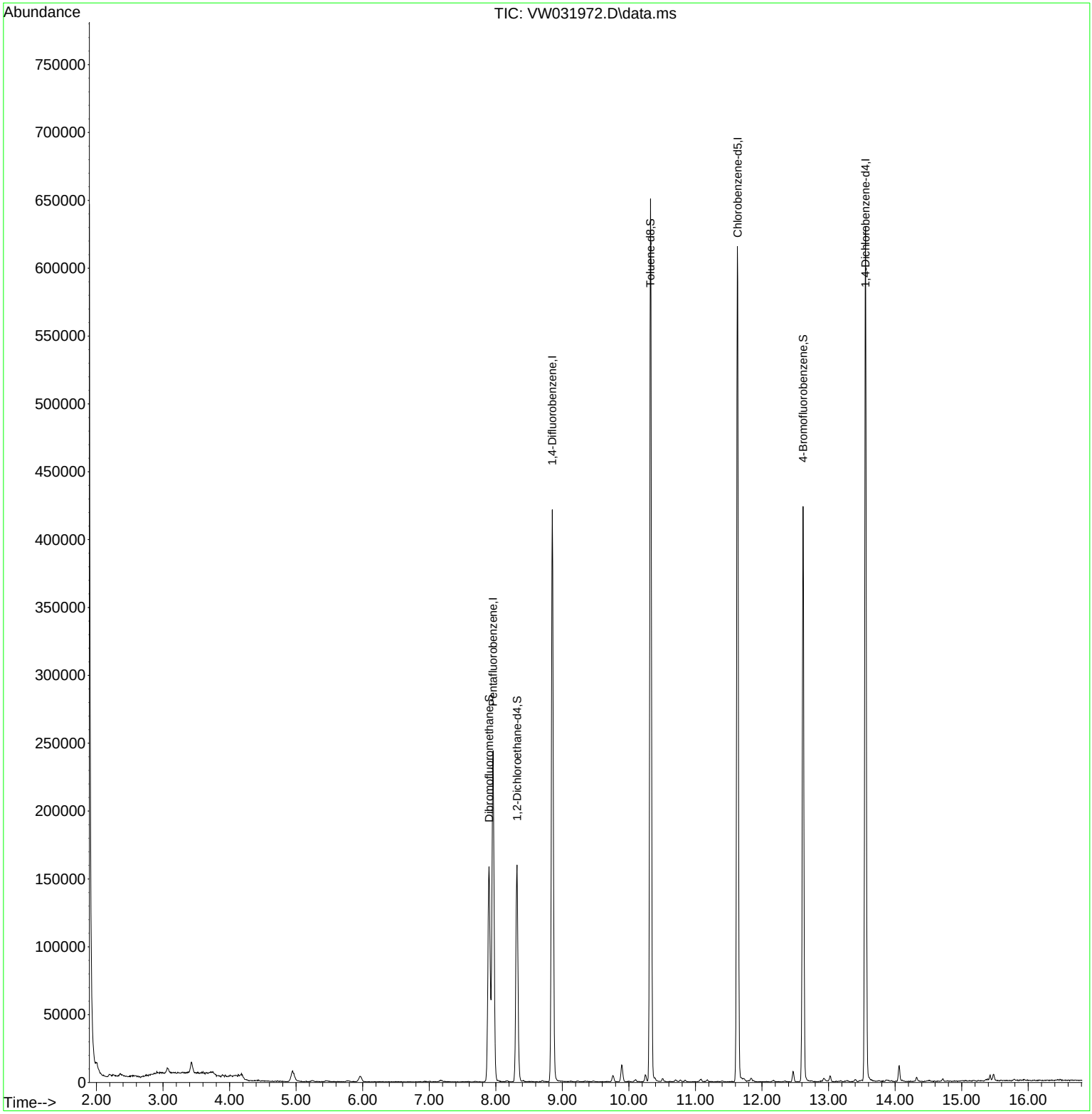
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	165069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	350388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	344045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	156295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	131178	52.533	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 105.060%			
35) Dibromofluoromethane	7.898	113	116693	49.011	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 98.020%			
50) Toluene-d8	10.325	98	422958	46.938	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 93.880%			
62) 4-Bromofluorobenzene	12.617	95	152294	44.015	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 88.020%			
Target Compounds						Qvalue

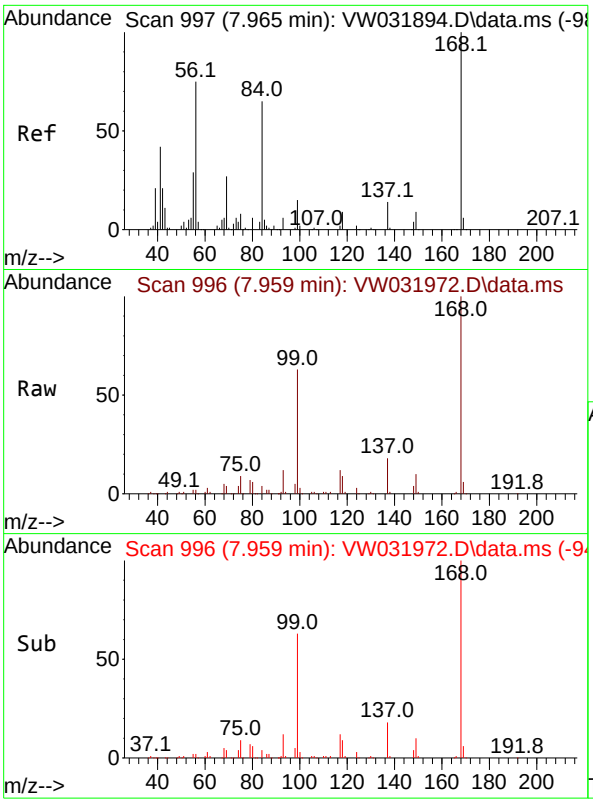
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031972.D
Acq On : 01 Aug 2025 09:21
Operator : SY/MD
Sample : VW0801SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBL01

Quant Time: Aug 01 23:07:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration



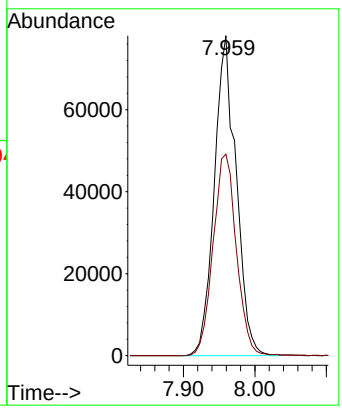


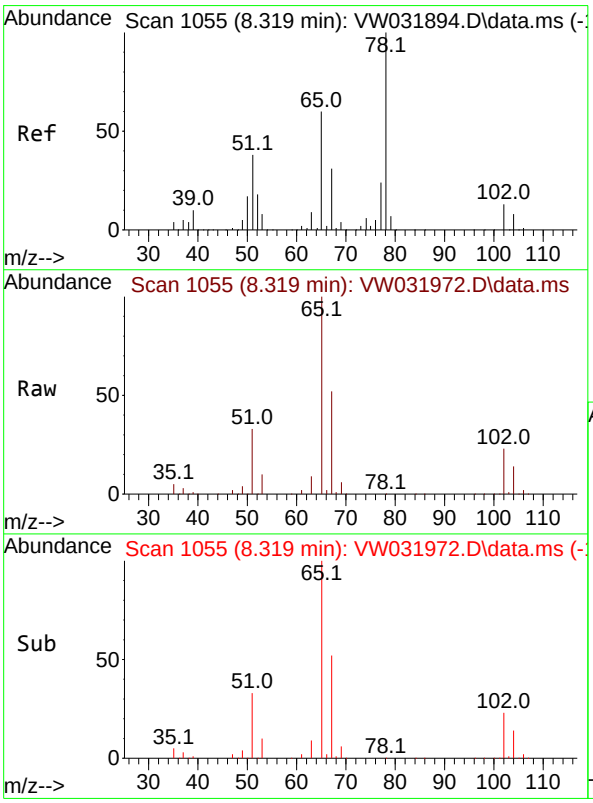
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031972.D
Acq: 01 Aug 2025 09:21

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBL01

Tgt Ion:168 Resp: 165069

Ion	Ratio	Lower	Upper
168	100		
99	63.0	48.2	72.2

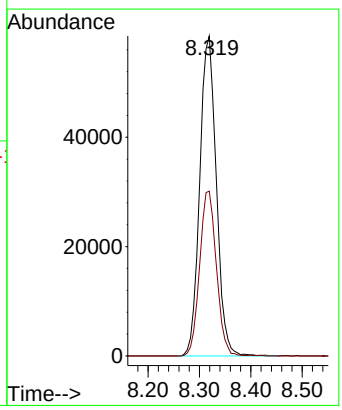


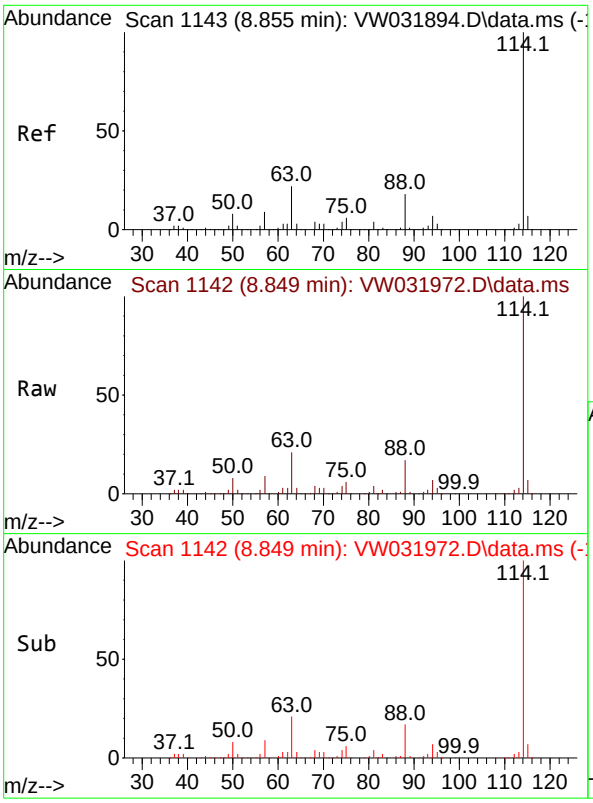


#33
1,2-Dichloroethane-d4
Concen: 52.533 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031972.D
Acq: 01 Aug 2025 09:21

Tgt Ion: 65 Resp: 131178

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	101.4



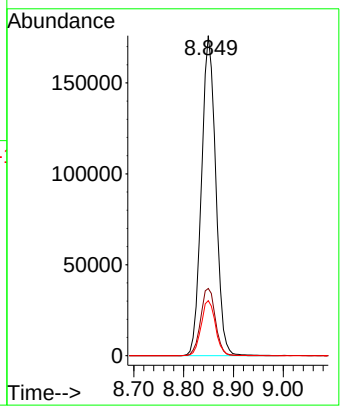


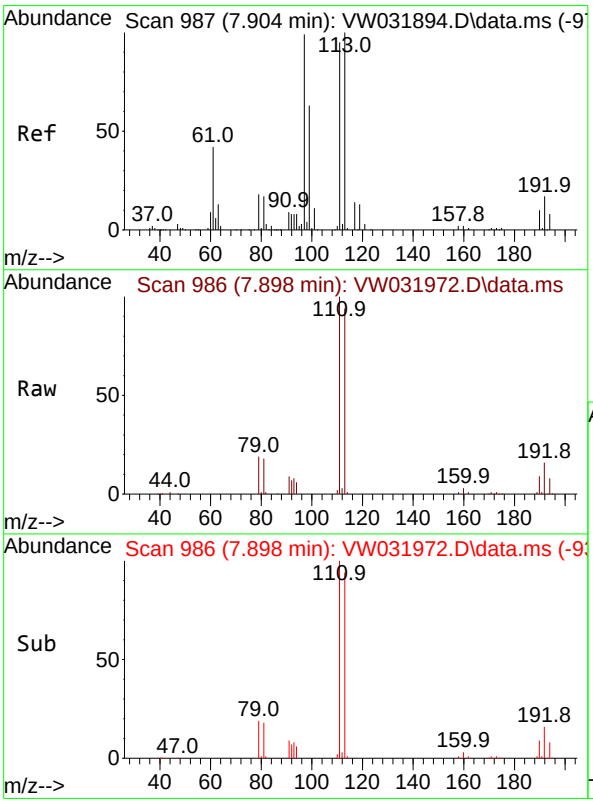
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031972.D
Acq: 01 Aug 2025 09:21

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBL01

Tgt Ion:114 Resp: 350388

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	44.2
88	17.2	0.0	35.6

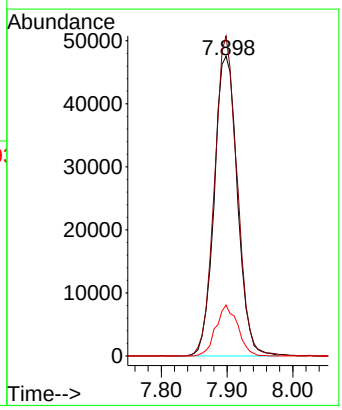


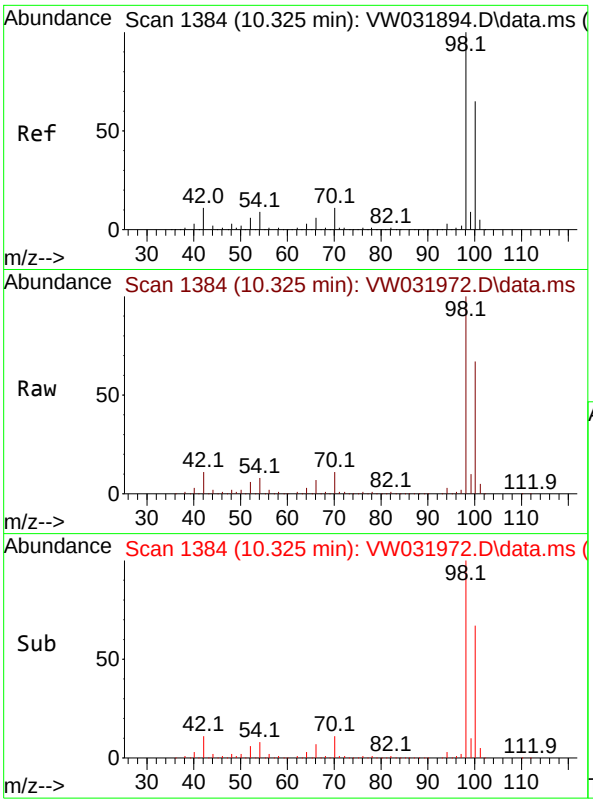


#35
Dibromofluoromethane
Concen: 49.011 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031972.D
Acq: 01 Aug 2025 09:21

Tgt Ion:113 Resp: 116693

Ion	Ratio	Lower	Upper
113	100		
111	103.9	79.9	119.9
192	16.0	12.6	19.0



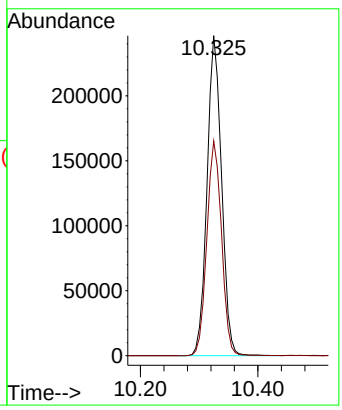


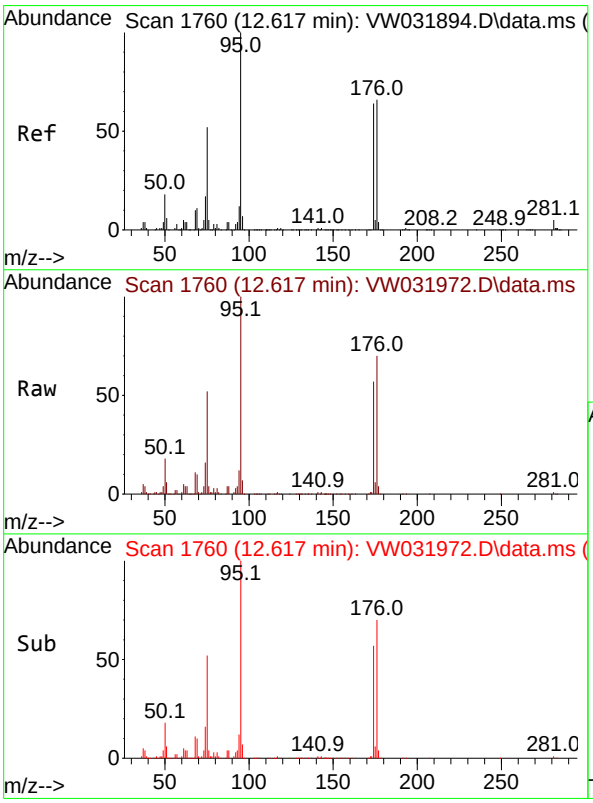
#50
Toluene-d8
Concen: 46.938 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031972.D
Acq: 01 Aug 2025 09:21

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBL01

Tgt Ion: 98 Resp: 422958

Ion	Ratio	Lower	Upper
98	100		
100	67.9	51.7	77.5

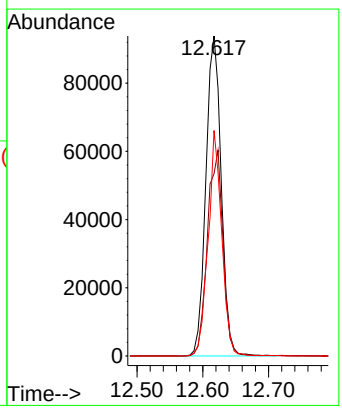


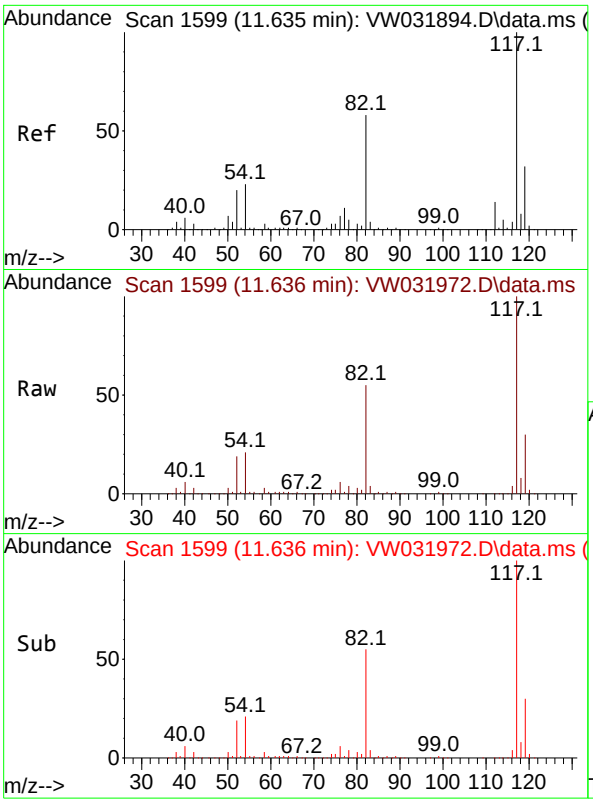


#62
4-Bromofluorobenzene
Concen: 44.015 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031972.D
Acq: 01 Aug 2025 09:21

Tgt Ion: 95 Resp: 152294

Ion	Ratio	Lower	Upper
95	100		
174	65.5	0.0	129.8
176	62.8	0.0	130.4



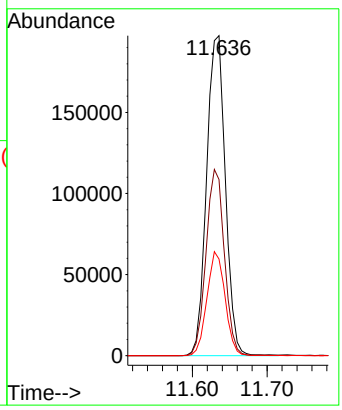


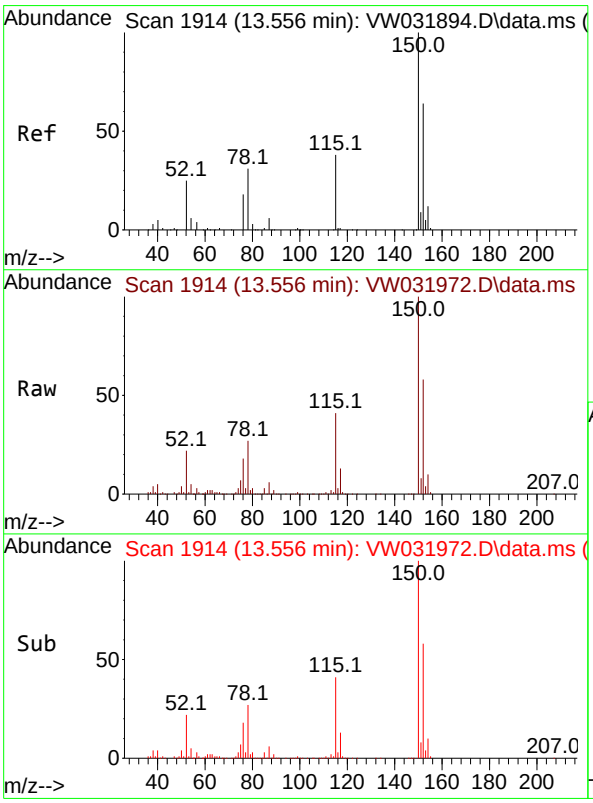
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031972.D
Acq: 01 Aug 2025 09:21

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBL01

Tgt Ion:117 Resp: 344045

Ion	Ratio	Lower	Upper
117	100		
82	55.1	46.5	69.7
119	30.2	25.8	38.6

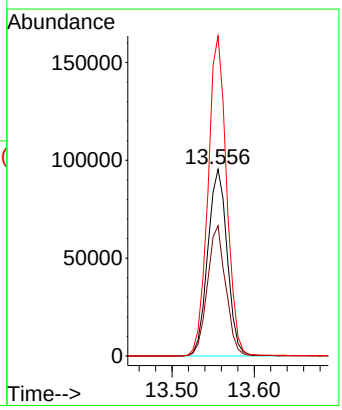




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031972.D
Acq: 01 Aug 2025 09:21

Tgt Ion:152 Resp: 156295

Ion	Ratio	Lower	Upper
152	100		
115	66.1	33.4	100.1
150	164.6	0.0	352.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031972.D
Acq On : 01 Aug 2025 09:21
Operator : SY/MD
Sample : VW0801SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Title : SW846 8260

Signal : TIC: VW031972.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.424	247	252	260	rVB3	7964	18368	1.62%	0.299%
2	4.948	490	502	515	rBV3	7970	28548	2.52%	0.465%
3	5.960	658	668	678	rBV5	4180	13737	1.21%	0.224%
4	7.898	971	986	991	rBV	158762	390601	34.46%	6.356%
5	7.959	991	996	1006	rVB	243262	527101	46.50%	8.577%
6	8.319	1046	1055	1066	rBV	159701	353808	31.21%	5.757%
7	8.849	1133	1142	1158	rBV	421382	845303	74.57%	13.754%
8	9.892	1306	1313	1324	rVB3	12386	25064	2.21%	0.408%
9	10.325	1376	1384	1393	rBV	649912	1133508	100.00%	18.444%
10	11.629	1589	1598	1607	rBV	615596	1067478	94.17%	17.369%
11	12.465	1729	1735	1743	rBV3	7820	13567	1.20%	0.221%
12	12.617	1750	1760	1772	rBV2	424048	693415	61.17%	11.283%
13	13.556	1907	1914	1927	rBV	629105	1015554	89.59%	16.524%
14	14.062	1991	1997	2003	rBV	11620	19717	1.74%	0.321%

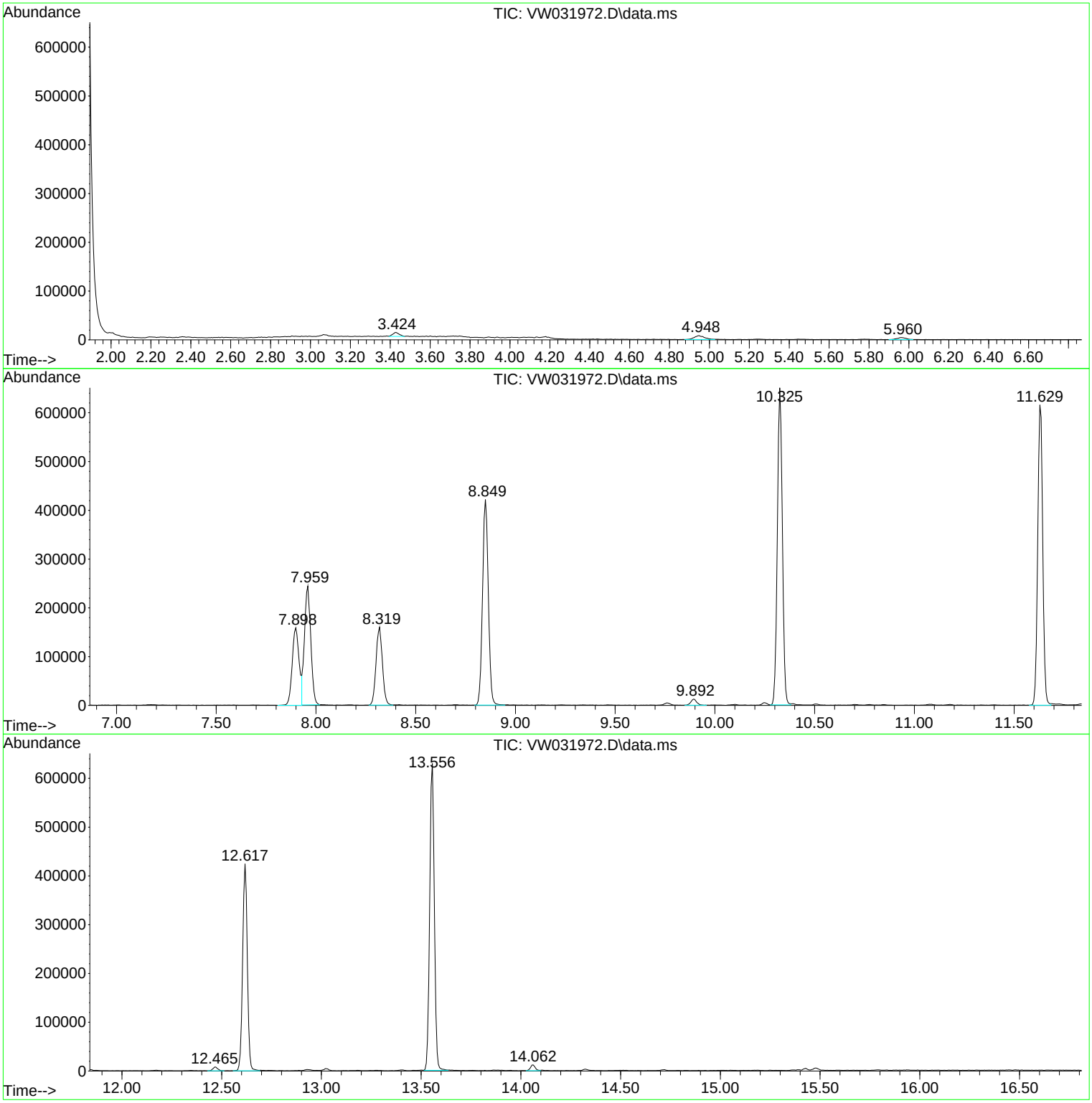
Sum of corrected areas: 6145769

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031972.D
Acq On : 01 Aug 2025 09:21
Operator : SY/MD
Sample : VW0801SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031972.D
Acq On : 01 Aug 2025 09:21
Operator : SY/MD
Sample : VW0801SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031972.D
Acq On : 01 Aug 2025 09:21
Operator : SY/MD
Sample : VW0801SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031973.D
Acq On : 01 Aug 2025 09:49
Operator : SY/MD
Sample : VW0801SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 01 23:07:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
Supervised By :Semsettin Yesilyurt 08/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	204409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	389040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	355301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	161977	52.383	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 104.760%			
35) Dibromofluoromethane	7.898	113	138929	52.553	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 105.100%			
50) Toluene-d8	10.325	98	510960	51.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.617	95	195687	50.937	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 101.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	26226	17.263	ug/l	91
3) Chloromethane	2.253	50	38150	19.565	ug/l	99
4) Vinyl Chloride	2.399	62	46264	18.265	ug/l	94
5) Bromomethane	2.820	94	36788	19.723	ug/l	97
6) Chloroethane	2.966	64	33442	20.004	ug/l	96
7) Trichlorofluoromethane	3.302	101	39130	15.252	ug/l	96
8) Diethyl Ether	3.716	74	33556	19.580	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.094	101	48715	19.741	ug/l	96
10) Methyl Iodide	4.308	142	69558	18.853	ug/l	98
11) Tert butyl alcohol	5.216	59	20911	115.046	ug/l #	93
12) 1,1-Dichloroethene	4.076	96	53794	19.737	ug/l	93
13) Acrolein	3.924	56	15768	54.663	ug/l	97
14) Allyl chloride	4.698	41	79388	18.710	ug/l	98
15) Acrylonitrile	5.399	53	80852	105.526	ug/l	99
16) Acetone	4.161	43	81896	111.611	ug/l	95
17) Carbon Disulfide	4.417	76	133303	18.858	ug/l	100
18) Methyl Acetate	4.710	43	44863	22.192	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	94780	20.126	ug/l	99
20) Methylene Chloride	4.948	84	63884	17.313	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	57339	19.828	ug/l	98
22) Diisopropyl ether	6.338	45	172471	20.314	ug/l	97
23) Vinyl Acetate	6.283	43	554073	99.891	ug/l	98
24) 1,1-Dichloroethane	6.240	63	108517	20.529	ug/l	99
25) 2-Butanone	7.191	43	112066	111.625	ug/l	98
26) 2,2-Dichloropropane	7.185	77	55144	18.426	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	68734	20.217	ug/l	99
28) Bromochloromethane	7.527	49	44375	20.050	ug/l #	15
29) Tetrahydrofuran	7.551	42	69425	105.474	ug/l	99
30) Chloroform	7.691	83	117578	21.214	ug/l	97
31) Cyclohexane	7.965	56	87414	18.432	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	83238	19.736	ug/l	98
36) 1,1-Dichloropropene	8.094	75	78401	19.312	ug/l	99
37) Ethyl Acetate	7.277	43	46676	20.154	ug/l	98
38) Carbon Tetrachloride	8.087	117	75591	19.401	ug/l	100
39) Methylcyclohexane	9.343	83	92733	18.151	ug/l	93
40) Benzene	8.331	78	241183	20.069	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031973.D
Acq On : 01 Aug 2025 09:49
Operator : SY/MD
Sample : VW0801SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 01 23:07:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
Supervised By :Semsettin Yesilyurt 08/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	29220	21.077	ug/l		96
42) 1,2-Dichloroethane	8.411	62	79225	20.598	ug/l		99
43) Isopropyl Acetate	8.435	43	82562	19.692	ug/l		99
44) Trichloroethene	9.099	130	56255	19.693	ug/l		100
45) 1,2-Dichloropropane	9.374	63	59759	20.647	ug/l		96
46) Dibromomethane	9.465	93	36920	20.578	ug/l		98
47) Bromodichloromethane	9.648	83	89630	20.833	ug/l		99
48) Methyl methacrylate	9.441	41	39606	19.856	ug/l		97
49) 1,4-Dioxane	9.459	88	9890	552.435	ug/l		96
51) 4-Methyl-2-Pentanone	10.209	43	242840	105.836	ug/l		99
52) Toluene	10.386	92	154706	20.025	ug/l		96
53) t-1,3-Dichloropropene	10.605	75	79676	19.306	ug/l		97
54) cis-1,3-Dichloropropene	10.075	75	91609	19.438	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	49168	20.631	ug/l		94
56) Ethyl methacrylate	10.648	69	66980	19.900	ug/l		98
57) 1,3-Dichloropropane	10.934	76	87231	20.776	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.929	63	171564	99.235	ug/l		97
59) 2-Hexanone	10.971	43	168636	105.734	ug/l		98
60) Dibromochloromethane	11.130	129	56909	20.481	ug/l		98
61) 1,2-Dibromoethane	11.239	107	49593	21.060	ug/l		97
64) Tetrachloroethene	10.861	164	47641	20.337	ug/l		83
65) Chlorobenzene	11.660	112	169215	19.459	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.727	131	55290	20.510	ug/l		96
67) Ethyl Benzene	11.727	91	289325	18.937	ug/l		99
68) m/p-Xylenes	11.837	106	227948	39.631	ug/l		99
69) o-Xylene	12.166	106	106885	19.636	ug/l		100
70) Styrene	12.178	104	184711	19.931	ug/l		98
71) Bromoform	12.349	173	31240	21.189	ug/l	#	99
73) Isopropylbenzene	12.465	105	268400	18.237	ug/l		99
74) N-amyl acetate	12.270	43	73747	18.535	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.709	83	64210	20.554	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	46702m	19.942	ug/l		
77) Bromobenzene	12.745	156	64000	20.098	ug/l		92
78) n-propylbenzene	12.800	91	338914	18.750	ug/l		99
79) 2-Chlorotoluene	12.891	91	205568	19.048	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	229932	18.628	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.507	75	18112	17.856	ug/l		92
82) 4-Chlorotoluene	12.983	91	216472	19.120	ug/l		98
83) tert-Butylbenzene	13.202	119	195715	18.615	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	239764	19.191	ug/l		99
85) sec-Butylbenzene	13.379	105	292934	18.553	ug/l		100
86) p-Isopropyltoluene	13.495	119	246860	18.915	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	134477	20.288	ug/l		96
88) 1,4-Dichlorobenzene	13.574	146	127388	19.618	ug/l		98
89) n-Butylbenzene	13.818	91	238599	18.637	ug/l		99
90) Hexachloroethane	14.086	117	43282	19.179	ug/l		99
91) 1,2-Dichlorobenzene	13.867	146	118631	20.194	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.483	75	11068	19.611	ug/l		98
93) 1,2,4-Trichlorobenzene	15.129	180	66569	18.790	ug/l		95
94) Hexachlorobutadiene	15.232	225	31530	18.782	ug/l		99
95) Naphthalene	15.361	128	163926	18.820	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	61654	19.207	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031973.D
Acq On : 01 Aug 2025 09:49
Operator : SY/MD
Sample : VW0801SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 01 23:07:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
Supervised By :Semsettin Yesilyurt 08/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

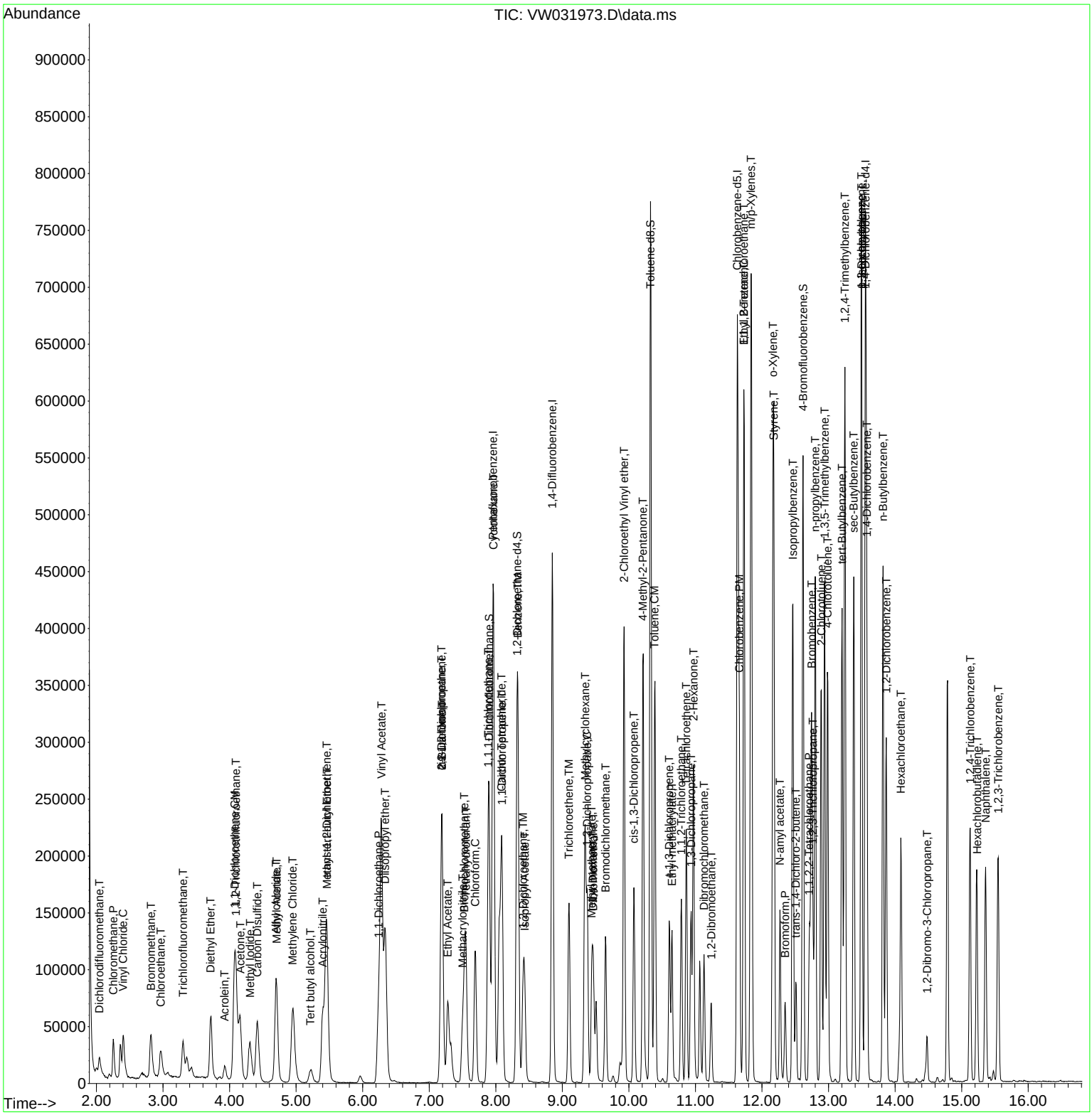
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031973.D
Acq On : 01 Aug 2025 09:49
Operator : SY/MD
Sample : VW0801SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 01 23:07:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
Supervised By :Semsettin Yesilyurt 08/04/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031974.D
Acq On : 01 Aug 2025 10:12
Operator : SY/MD
Sample : VW0801SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 23:09:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
Supervised By :Semsettin Yesilyurt 08/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	220615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	398144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	370224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	179082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	167609	50.222	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 100.440%			
35) Dibromofluoromethane	7.898	113	141003	52.118	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 104.240%			
50) Toluene-d8	10.325	98	527673	51.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.617	95	201472	51.243	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	26504	16.164	ug/l	95
3) Chloromethane	2.253	50	38199	18.151	ug/l	98
4) Vinyl Chloride	2.405	62	46485	17.004	ug/l	97
5) Bromomethane	2.826	94	37029	18.394	ug/l	100
6) Chloroethane	2.966	64	33726	18.692	ug/l	99
7) Trichlorofluoromethane	3.308	101	48255	17.427	ug/l	96
8) Diethyl Ether	3.722	74	35045	18.947	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	49682	18.654	ug/l	98
10) Methyl Iodide	4.314	142	75262	18.900	ug/l	99
11) Tert butyl alcohol	5.234	59	19858	101.227	ug/l	98
12) 1,1-Dichloroethene	4.076	96	54543	18.541	ug/l	94
13) Acrolein	3.936	56	17192	55.321	ug/l	96
14) Allyl chloride	4.704	41	83650	18.267	ug/l	99
15) Acrylonitrile	5.411	53	83695	101.212	ug/l	98
16) Acetone	4.167	43	77524	97.892	ug/l	100
17) Carbon Disulfide	4.423	76	135754	17.794	ug/l	99
18) Methyl Acetate	4.710	43	49977	22.906	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	103696	20.402	ug/l	98
20) Methylene Chloride	4.954	84	65104	16.062	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	59045	18.918	ug/l	91
22) Diisopropyl ether	6.338	45	179296	19.567	ug/l	94
23) Vinyl Acetate	6.289	43	569393	95.112	ug/l	99
24) 1,1-Dichloroethane	6.240	63	110392	19.349	ug/l	99
25) 2-Butanone	7.197	43	106124	97.941	ug/l	97
26) 2,2-Dichloropropane	7.185	77	58059	17.975	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	70949	19.336	ug/l	98
28) Bromochloromethane	7.533	49	45657	19.114	ug/l	94
29) Tetrahydrofuran	7.557	42	71024	99.977	ug/l	99
30) Chloroform	7.697	83	118708	19.845	ug/l	100
31) Cyclohexane	7.971	56	89959	17.576	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	85597	18.805	ug/l	99
36) 1,1-Dichloropropene	8.100	75	78940	19.000	ug/l	99
37) Ethyl Acetate	7.276	43	49293	20.798	ug/l	99
38) Carbon Tetrachloride	8.087	117	78235	19.620	ug/l	94
39) Methylcyclohexane	9.343	83	92958	17.779	ug/l	96
40) Benzene	8.337	78	248680	20.220	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031974.D
Acq On : 01 Aug 2025 10:12
Operator : SY/MD
Sample : VW0801SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 23:09:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
Supervised By :Semsettin Yesilyurt 08/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	28527	20.106	ug/l		97
42) 1,2-Dichloroethane	8.410	62	82094	20.856	ug/l		100
43) Isopropyl Acetate	8.435	43	83921	19.559	ug/l		97
44) Trichloroethene	9.099	130	57900	19.806	ug/l		95
45) 1,2-Dichloropropane	9.374	63	59790	20.185	ug/l		99
46) Dibromomethane	9.465	93	39572	21.552	ug/l		96
47) Bromodichloromethane	9.648	83	90989	20.666	ug/l		99
48) Methyl methacrylate	9.441	41	41717	20.436	ug/l		97
49) 1,4-Dioxane	9.471	88	9433	514.860	ug/l	#	75
51) 4-Methyl-2-Pentanone	10.215	43	248332	105.754	ug/l		100
52) Toluene	10.392	92	158330	20.026	ug/l		98
53) t-1,3-Dichloropropene	10.611	75	83143	19.686	ug/l		96
54) cis-1,3-Dichloropropene	10.075	75	95666	19.835	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	52594	21.564	ug/l		95
56) Ethyl methacrylate	10.648	69	69824	20.271	ug/l		99
57) 1,3-Dichloropropane	10.934	76	91728	21.348	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	116121	65.630	ug/l		99
59) 2-Hexanone	10.971	43	170083	104.203	ug/l		99
60) Dibromochloromethane	11.129	129	59250	20.836	ug/l		98
61) 1,2-Dibromoethane	11.239	107	50736	21.052	ug/l		98
64) Tetrachloroethene	10.867	164	46870	19.202	ug/l	#	81
65) Chlorobenzene	11.660	112	176168	19.442	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.733	131	55265	19.674	ug/l		99
67) Ethyl Benzene	11.733	91	295776	18.579	ug/l		99
68) m/p-Xylenes	11.837	106	232252	38.752	ug/l		97
69) o-Xylene	12.166	106	108231	19.082	ug/l		100
70) Styrene	12.178	104	188534	19.523	ug/l		98
71) Bromoform	12.349	173	31306	20.378	ug/l	#	98
73) Isopropylbenzene	12.458	105	270032	17.378	ug/l		97
74) N-amyl acetate	12.269	43	75603	17.998	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	64603	19.587	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	47535m	19.226	ug/l		
77) Bromobenzene	12.745	156	63035	18.749	ug/l		98
78) n-propylbenzene	12.800	91	341470	17.893	ug/l		98
79) 2-Chlorotoluene	12.891	91	208047	18.259	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	235990	18.109	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.507	75	17945	16.756	ug/l		94
82) 4-Chlorotoluene	12.989	91	222703	18.631	ug/l		100
83) tert-Butylbenzene	13.202	119	197280	17.772	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	239109	18.128	ug/l		98
85) sec-Butylbenzene	13.379	105	292862	17.568	ug/l		100
86) p-Isopropyltoluene	13.495	119	243490	17.672	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	130590	18.660	ug/l		98
88) 1,4-Dichlorobenzene	13.580	146	129287	18.859	ug/l		99
89) n-Butylbenzene	13.818	91	236649	17.508	ug/l		98
90) Hexachloroethane	14.086	117	43163	18.116	ug/l		96
91) 1,2-Dichlorobenzene	13.867	146	119275	19.231	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11431	19.184	ug/l		93
93) 1,2,4-Trichlorobenzene	15.123	180	65949	17.632	ug/l		98
94) Hexachlorobutadiene	15.226	225	31008	17.495	ug/l		99
95) Naphthalene	15.360	128	175224	19.055	ug/l		98
96) 1,2,3-Trichlorobenzene	15.549	180	63480	18.732	ug/l		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031974.D
Acq On : 01 Aug 2025 10:12
Operator : SY/MD
Sample : VW0801SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 23:09:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
Supervised By :Semsettin Yesilyurt 08/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

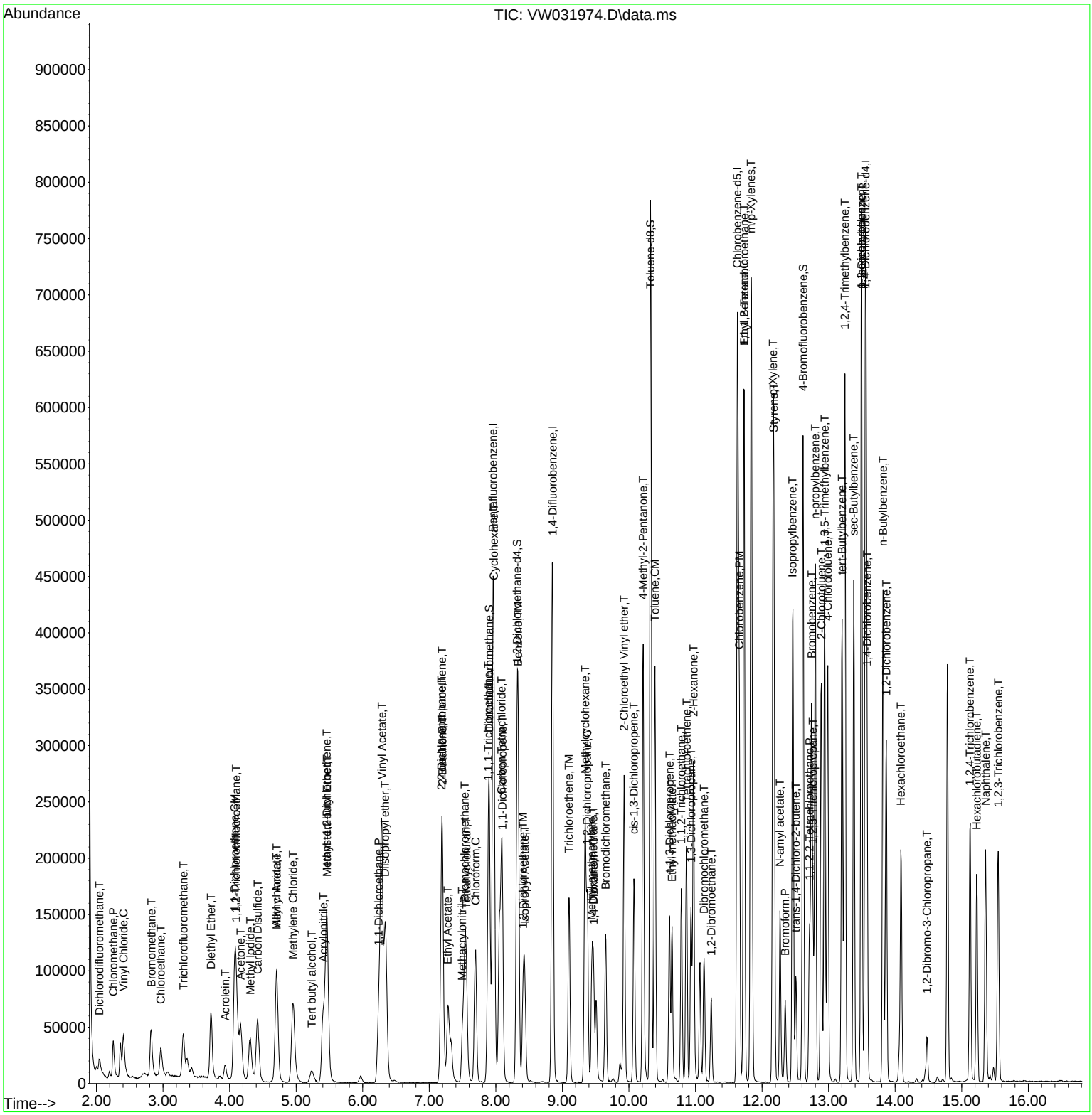
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
Data File : VW031974.D
Acq On : 01 Aug 2025 10:12
Operator : SY/MD
Sample : VW0801SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 23:09:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0801SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
Supervised By :Semsettin Yesilyurt 08/04/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VW072225	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW031891.D	1,2,3-Trichloropropane	SAM	7/24/2025 3:07:49 PM	MMDadoda	7/24/2025 3:08:40 PM	Peak Integrated by Software
VSTDICC005	VW031891.D	Ethyl Acetate	SAM	7/24/2025 3:07:49 PM	MMDadoda	7/24/2025 3:08:40 PM	Peak Integrated by Software
VSTDICC005	VW031891.D	Methacrylonitrile	SAM	7/24/2025 3:07:49 PM	MMDadoda	7/24/2025 3:08:40 PM	Peak Integrated by Software
VSTDICC010	VW031892.D	1,2,3-Trichloropropane	SAM	7/24/2025 3:07:50 PM	MMDadoda	7/24/2025 3:08:42 PM	Peak Integrated by Software
VSTDICC010	VW031892.D	Methacrylonitrile	SAM	7/24/2025 3:07:50 PM	MMDadoda	7/24/2025 3:08:42 PM	Peak Integrated by Software
VSTDICC020	VW031893.D	1,2,3-Trichloropropane	SAM	7/24/2025 3:07:52 PM	MMDadoda	7/24/2025 3:08:43 PM	Peak Integrated by Software
VSTDICCC050	VW031894.D	1,2,3-Trichloropropane	SAM	7/24/2025 3:07:54 PM	MMDadoda	7/24/2025 3:08:45 PM	Peak Integrated by Software
VSTDICC100	VW031895.D	1,2,3-Trichloropropane	SAM	7/24/2025 3:07:55 PM	MMDadoda	7/24/2025 3:08:46 PM	Peak Integrated by Software
VSTDICC150	VW031896.D	1,2,3-Trichloropropane	SAM	7/24/2025 3:07:57 PM	MMDadoda	7/24/2025 3:08:48 PM	Peak Integrated by Software
VSTDICV050	VW031898.D	1,2,3-Trichloropropane	SAM	7/24/2025 3:07:59 PM	MMDadoda	7/24/2025 3:08:50 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VW080125	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW031971.D	1,2,3-Trichloropropane	MMDadoda	8/4/2025 1:49:16 PM	Sam	8/4/2025 2:29:11 PM	Peak Integrated by Software
VW0801SBS01	VW031973.D	1,2,3-Trichloropropane	MMDadoda	8/4/2025 1:49:18 PM	Sam	8/4/2025 2:29:12 PM	Peak Integrated by Software
VW0801SBSD01	VW031974.D	1,2,3-Trichloropropane	MMDadoda	8/4/2025 1:49:20 PM	Sam	8/4/2025 2:29:14 PM	Peak Integrated by Software
VSTDCCC050	VW031985.D	1,2,3-Trichloropropane	MMDadoda	8/4/2025 1:49:25 PM	Sam	8/4/2025 2:29:16 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW072225

Review By	Semsettin Yesilyurt	Review On	7/24/2025 3:08:17 PM				
Supervise By	Mahesh Dadoda	Supervise On	7/24/2025 3:08:52 PM				
SubDirectory	VW072225	HP Acquire Method	MSVOA_W	HP Processing Method	82w072225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134865
Initial Calibration Stds	VP134866,VP134868,VP134869,VP134870,VP134873,VP134874
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134875
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW031890.D	22 Jul 2025 08:14	SY/MD	Ok
2	VSTDICC005	VW031891.D	22 Jul 2025 09:05	SY/MD	Ok,M
3	VSTDICC010	VW031892.D	22 Jul 2025 09:37	SY/MD	Ok,M
4	VSTDICC020	VW031893.D	22 Jul 2025 10:17	SY/MD	Ok,M
5	VSTDICCC050	VW031894.D	22 Jul 2025 10:39	SY/MD	Ok,M
6	VSTDICC100	VW031895.D	22 Jul 2025 11:18	SY/MD	Ok,M
7	VSTDICC150	VW031896.D	22 Jul 2025 12:00	SY/MD	Ok,M
8	VIBLK	VW031897.D	22 Jul 2025 12:21	SY/MD	Ok
9	VSTDICV050	VW031898.D	22 Jul 2025 14:47	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW080125

Review By	Mahesh Dadoda	Review On	8/4/2025 1:49:28 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	8/4/2025 2:29:21 PM				
SubDirectory	VW080125	HP Acquire Method	MSVOA_W	HP Processing Method	82w072225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134960
Initial Calibration Stds	
CCC	VP134962,VP134963
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW031970.D	01 Aug 2025 07:52	SY/MD	Ok
2	VSTDCCC050	VW031971.D	01 Aug 2025 08:21	SY/MD	Ok,M
3	VW0801SBL01	VW031972.D	01 Aug 2025 09:21	SY/MD	Ok
4	VW0801SBS01	VW031973.D	01 Aug 2025 09:49	SY/MD	Ok,M
5	VW0801SBSD01	VW031974.D	01 Aug 2025 10:12	SY/MD	Ok,M
6	Q2741-01	VW031975.D	01 Aug 2025 11:12	SY/MD	ReRun
7	Q2740-01	VW031976.D	01 Aug 2025 11:34	SY/MD	Ok
8	Q2743-01	VW031977.D	01 Aug 2025 11:56	SY/MD	Ok
9	Q2747-01	VW031978.D	01 Aug 2025 12:18	SY/MD	ReRun
10	Q2747-03	VW031979.D	01 Aug 2025 12:40	SY/MD	ReRun
11	Q2747-05	VW031980.D	01 Aug 2025 13:02	SY/MD	ReRun
12	Q2747-07	VW031981.D	01 Aug 2025 13:24	SY/MD	ReRun
13	Q2747-09	VW031982.D	01 Aug 2025 13:47	SY/MD	ReRun
14	Q2741-01	VW031983.D	01 Aug 2025 14:09	SY/MD	Ok
15	VIBLK	VW031984.D	01 Aug 2025 14:35	SY/MD	Ok
16	VSTDCCC050	VW031985.D	01 Aug 2025 14:57	SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW072225

Review By	Semsettin Yesilyurt	Review On	7/24/2025 3:08:17 PM		
Supervise By	Mahesh Dadoda	Supervise On	7/24/2025 3:08:52 PM		
SubDirectory	VW072225	HP Acquire Method	MSVOA_W	HP Processing Method	82w072225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134865
Initial Calibration Stds	VP134866,VP134868,VP134869,VP134870,VP134873,VP134874
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134875
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW031890.D	22 Jul 2025 08:14		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW031891.D	22 Jul 2025 09:05	Comp. #20 is on Linear Regression	SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW031892.D	22 Jul 2025 09:37	Comp. #13 is on Quadratic Regression	SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW031893.D	22 Jul 2025 10:17		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW031894.D	22 Jul 2025 10:39		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VW031895.D	22 Jul 2025 11:18		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW031896.D	22 Jul 2025 12:00		SY/MD	Ok,M
8	VIBLK	VIBLK	VW031897.D	22 Jul 2025 12:21		SY/MD	Ok
9	VSTDICV050	ICVVW072225	VW031898.D	22 Jul 2025 14:47		SY/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW080125

Review By	Mahesh Dadoda	Review On	8/4/2025 1:49:28 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/4/2025 2:29:21 PM		
SubDirectory	VW080125	HP Acquire Method	MSVOA_W	HP Processing Method	82w072225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134960
Initial Calibration Stds	
CCC	VP134962,VP134963
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW031970.D	01 Aug 2025 07:52		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW031971.D	01 Aug 2025 08:21		SY/MD	Ok,M
3	VW0801SBL01	VW0801SBL01	VW031972.D	01 Aug 2025 09:21		SY/MD	Ok
4	VW0801SBS01	VW0801SBS01	VW031973.D	01 Aug 2025 09:49		SY/MD	Ok,M
5	VW0801SBSD01	VW0801SBSD01	VW031974.D	01 Aug 2025 10:12		SY/MD	Ok,M
6	Q2741-01	TR-05-07312025	VW031975.D	01 Aug 2025 11:12	vial-A Internal standard fail;Surrogate fail	SY/MD	ReRun
7	Q2740-01	OR-02-07312025	VW031976.D	01 Aug 2025 11:34	vial-A	SY/MD	Ok
8	Q2743-01	WC1	VW031977.D	01 Aug 2025 11:56	vial-A	SY/MD	Ok
9	Q2747-01	OU4-TS-GRILLO-OG2-	VW031978.D	01 Aug 2025 12:18	vial-A Surrogate fail	SY/MD	ReRun
10	Q2747-03	OU4-TS-GRILLO-OG3-	VW031979.D	01 Aug 2025 12:40	vial-A Surrogate fail	SY/MD	ReRun
11	Q2747-05	OU4-TS-GRILLO-OG4-	VW031980.D	01 Aug 2025 13:02	vial-A Surrogate fail	SY/MD	ReRun
12	Q2747-07	OU4-TS-GRILLO-TSCF	VW031981.D	01 Aug 2025 13:24	vial-A Surrogate fail	SY/MD	ReRun
13	Q2747-09	OU4-TS-GRILLO-TSCF	VW031982.D	01 Aug 2025 13:47	vial-A Surrogate fail	SY/MD	ReRun
14	Q2741-01	TR-05-07312025	VW031983.D	01 Aug 2025 14:09	vial-B	SY/MD	Ok
15	VIBLK	VIBLK	VW031984.D	01 Aug 2025 14:35		SY/MD	Ok
16	VSTDCCC050	VSTDCCC050EC	VW031985.D	01 Aug 2025 14:57		SY/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2743	**OrderDate:**	7/31/2025 4:05:00 PM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2743-01	**WC1**	**SOIL**			**07/31/25**			**07/31/25**
			VOC-TCLVOA-10	8260D			08/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2743

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**WC1**								
Q2743-01	WC1	SOIL	Phenanthrene		210.000	J	26.7	220	ug/Kg
Q2743-01	WC1	SOIL	Fluoranthene		530.000		38.3	220	ug/Kg
Q2743-01	WC1	SOIL	Pyrene		450.000		45.9	220	ug/Kg
Q2743-01	WC1	SOIL	Benzo(a)anthracene		340.000		29.3	220	ug/Kg
Q2743-01	WC1	SOIL	Chrysene		360.000		25.4	220	ug/Kg
Q2743-01	WC1	SOIL	Benzo(b)fluoranthene		420.000		24.2	220	ug/Kg
Q2743-01	WC1	SOIL	Benzo(k)fluoranthene		170.000	J	28.6	220	ug/Kg
Q2743-01	WC1	SOIL	Benzo(a)pyrene		360.000		37.6	220	ug/Kg
Q2743-01	WC1	SOIL	Indeno(1,2,3-cd)pyrene		190.000	J	37.1	220	ug/Kg
Q2743-01	WC1	SOIL	Benzo(g,h,i)perylene		220.000		32.8	220	ug/Kg
			Total Svoc :		**3,250.00**				
Q2743-01	WC1	SOIL	11H-Benzo[a]fluoren-11-one	*	110.000	J	0	0	ug/Kg
Q2743-01	WC1	SOIL	1H-Cyclopropa[l]phenanthrene,1a	*	460.000	J	0	0	ug/Kg
Q2743-01	WC1	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	340.000	AB	0	0	ug/Kg
Q2743-01	WC1	SOIL	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	110.000	J	0	0	ug/Kg
Q2743-01	WC1	SOIL	Anthracene, 1-methyl-	*	130.000	J	0	0	ug/Kg
Q2743-01	WC1	SOIL	Benzene, 1,3-diethyl-	*	91.800	J	0	0	ug/Kg
Q2743-01	WC1	SOIL	Benzene, 1-ethyl-3-methyl-	*	190.000	J	0	0	ug/Kg
Q2743-01	WC1	SOIL	Benzo[e]pyrene	*	240.000	J	0	0	ug/Kg
Q2743-01	WC1	SOIL	Benzophenone	*	170.000	J	0	0	ug/Kg
Q2743-01	WC1	SOIL	Butane, 2-methoxy-2-methyl-	*	1,500.000	JB	0	0	ug/Kg
Q2743-01	WC1	SOIL	Decane	*	210.000	J	0	0	ug/Kg
Q2743-01	WC1	SOIL	Naphthalene, 2-phenyl-	*	99.500	J	0	0	ug/Kg
Q2743-01	WC1	SOIL	Nonane	*	200.000	J	0	0	ug/Kg
Q2743-01	WC1	SOIL	Octane	*	240.000	J	0	0	ug/Kg
Q2743-01	WC1	SOIL	Heptane	*	150.000	J	0	0	ug/Kg
			Total Tics :		**4,241.30**				
			Total Concentration:		**7,491.30**				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	78.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143294.D	1	08/04/25 09:20	08/04/25 14:10	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	420	ug/Kg
108-95-2	Phenol	28.2	U	28.2	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	31.0	U	31.0	220	ug/Kg
95-57-8	2-Chlorophenol	31.1	U	31.1	220	ug/Kg
95-48-7	2-Methylphenol	38.1	U	38.1	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47.8	U	47.8	220	ug/Kg
98-86-2	Acetophenone	37.6	U	37.6	220	ug/Kg
65794-96-9	3+4-Methylphenols	52.4	U	52.4	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	60.5	U	60.5	100	ug/Kg
67-72-1	Hexachloroethane	22.4	U	22.4	220	ug/Kg
98-95-3	Nitrobenzene	23.3	U	23.3	220	ug/Kg
78-59-1	Isophorone	41.8	U	41.8	220	ug/Kg
88-75-5	2-Nitrophenol	74.2	U	74.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	82.6	U	82.6	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	39.3	U	39.3	220	ug/Kg
120-83-2	2,4-Dichlorophenol	36.1	U	36.1	220	ug/Kg
91-20-3	Naphthalene	29.0	U	29.0	220	ug/Kg
106-47-8	4-Chloroaniline	45.2	UQ	45.2	220	ug/Kg
87-68-3	Hexachlorobutadiene	32.3	U	32.3	220	ug/Kg
105-60-2	Caprolactam	66.5	U	66.5	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36.6	U	36.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	32.7	U	32.7	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25.3	U	25.3	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37.1	U	37.1	220	ug/Kg
92-52-4	1,1-Biphenyl	27.8	U	27.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	28.7	U	28.7	220	ug/Kg
88-74-4	2-Nitroaniline	61.3	U	61.3	220	ug/Kg
131-11-3	Dimethylphthalate	34.6	U	34.6	220	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	78.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143294.D	1	08/04/25 09:20	08/04/25 14:10	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	36.9	U	36.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	42.9	U	42.9	220	ug/Kg
99-09-2	3-Nitroaniline	58.7	UQ	58.7	220	ug/Kg
83-32-9	Acenaphthene	27.2	U	27.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	420	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	420	ug/Kg
132-64-9	Dibenzofuran	29.0	U	29.0	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	63.9	U	63.9	220	ug/Kg
84-66-2	Diethylphthalate	36.1	U	36.1	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34.1	U	34.1	220	ug/Kg
86-73-7	Fluorene	32.3	U	32.3	220	ug/Kg
100-01-6	4-Nitroaniline	81.9	U	81.9	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	42.0	U	42.0	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35.5	U	35.5	220	ug/Kg
118-74-1	Hexachlorobenzene	32.3	U	32.3	220	ug/Kg
1912-24-9	Atrazine	43.4	U	43.4	220	ug/Kg
87-86-5	Pentachlorophenol	65.4	U	65.4	420	ug/Kg
85-01-8	Phenanthrene	210	J	26.7	220	ug/Kg
120-12-7	Anthracene	42.5	U	42.5	220	ug/Kg
86-74-8	Carbazole	39.8	U	39.8	220	ug/Kg
84-74-2	Di-n-butylphthalate	61.1	U	61.1	220	ug/Kg
206-44-0	Fluoranthene	530		38.3	220	ug/Kg
129-00-0	Pyrene	450		45.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	91.1	U	91.1	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	46.8	UQ	46.8	420	ug/Kg
56-55-3	Benzo(a)anthracene	340		29.3	220	ug/Kg
218-01-9	Chrysene	360		25.4	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	75.5	U	75.5	220	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	420		24.2	220	ug/Kg

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Report of Analysis

Client:	G Environmental			Date Collected:	07/31/25
Project:	Capra			Date Received:	07/31/25
Client Sample ID:	WC1			SDG No.:	Q2743
Lab Sample ID:	Q2743-01			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	78.3
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143294.D	1	08/04/25 09:20	08/04/25 14:10	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	170	J	28.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	360		37.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	37.1	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34.9	U	34.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220		32.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32.7	U	32.7	220	ug/Kg
123-91-1	1,4-Dioxane	57.6	U	57.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	34.9	U	34.9	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	76.2		30 (18) - 130 (112)	51%	SPK: 150
13127-88-3	Phenol-d6	78.4		30 (15) - 130 (107)	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.2		30 (18) - 130 (107)	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.7		30 (20) - 130 (109)	55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	74.2		30 (10) - 130 (116)	49%	SPK: 150
1718-51-0	Terphenyl-d14	40.5		30 (10) - 130 (105)	41%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	122000	6.957			
1146-65-2	Naphthalene-d8	459000	8.239			
15067-26-2	Acenaphthene-d10	224000	9.992			
1517-22-2	Phenanthrene-d10	330000	11.48			
1719-03-5	Chrysene-d12	249000	14.121			
1520-96-3	Perylene-d12	306000	15.627			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	JB		2.31	ug/Kg
000142-82-5	Heptane	150	J		2.67	ug/Kg
000111-65-9	Octane	240	J		4.66	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	340	AB		5.19	ug/Kg
000111-84-2	Nonane	200	J		5.89	ug/Kg
000620-14-4	Benzene, 1-ethyl-3-methyl-	190	J		6.49	ug/Kg
000124-18-5	Decane	210	J		6.80	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	78.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143294.D	1	08/04/25 09:20	08/04/25 14:10	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000141-93-5	Benzene, 1,3-diethyl-	91.8	J		7.28	ug/Kg
000119-61-9	Benzophenone	170	J		10.7	ug/Kg
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	110	J		11.9	ug/Kg
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	460	J		12.0	ug/Kg
000610-48-0	Anthracene, 1-methyl-	130	J		12.1	ug/Kg
000612-94-2	Naphthalene, 2-phenyl-	99.5	J		12.3	ug/Kg
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J		14.0	ug/Kg
000192-97-2	Benzo[e]pyrene	240	J		15.5	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q2743

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169095BL	PB169095BL	2-Fluorophenol	150	123	82		30 (18)	130 (112)
		Phenol-d6	150	124	83		30 (15)	130 (107)
		Nitrobenzene-d5	100	85.1	85		30 (18)	130 (107)
		2-Fluorobiphenyl	100	82.1	82		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	127	84		30 (10)	130 (116)
		Terphenyl-d14	100	82.4	82		30 (10)	130 (105)
PB169095BS	PB169095BS	2-Fluorophenol	150	119	79		30 (18)	130 (112)
		Phenol-d6	150	119	80		30 (15)	130 (107)
		Nitrobenzene-d5	100	82.0	82		30 (18)	130 (107)
		2-Fluorobiphenyl	100	79.4	79		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	130	86		30 (10)	130 (116)
		Terphenyl-d14	100	80.3	80		30 (10)	130 (105)
Q2734-01MS	VNJ-253MS	2-Fluorophenol	150	80.6	54		30 (18)	130 (112)
		Phenol-d6	150	83.6	56		30 (15)	130 (107)
		Nitrobenzene-d5	100	56.4	56		30 (18)	130 (107)
		2-Fluorobiphenyl	100	59.0	59		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	71.9	48		30 (10)	130 (116)
		Terphenyl-d14	100	47.0	47		30 (10)	130 (105)
Q2734-01MSD	VNJ-253MSD	2-Fluorophenol	150	87.2	58		30 (18)	130 (112)
		Phenol-d6	150	89.9	60		30 (15)	130 (107)
		Nitrobenzene-d5	100	60.6	61		30 (18)	130 (107)
		2-Fluorobiphenyl	100	64.5	64		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	76.0	51		30 (10)	130 (116)
		Terphenyl-d14	100	50.7	51		30 (10)	130 (105)
Q2743-01	WC1	2-Fluorophenol	150	76.2	51		30 (18)	130 (112)
		Phenol-d6	150	78.4	52		30 (15)	130 (107)
		Nitrobenzene-d5	100	54.2	54		30 (18)	130 (107)
		2-Fluorobiphenyl	100	54.7	55		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	74.2	49		30 (10)	130 (116)
		Terphenyl-d14	100	40.5	41		30 (10)	130 (105)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143313.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2734-01MS		**Client Sample ID: VNJ-253MS**									
Benzaldehyde	1100	0	600	ug/Kg	55				20 (10)	160 (171)	
Phenol	1100	0	860	ug/Kg	78				20 (51)	160 (122)	
bis(2-Chloroethyl)ether	1100	0	930	ug/Kg	85				70 (54)	130 (125)	
2-Chlorophenol	1100	0	870	ug/Kg	79				70 (51)	130 (121)	
2-Methylphenol	1100	0	850	ug/Kg	77				70 (47)	130 (125)	
2,2-oxybis(1-Chloropropane)	1100	0	880	ug/Kg	80				70 (46)	130 (119)	
Acetophenone	1100	0	900	ug/Kg	82				70 (55)	130 (128)	
3+4-Methylphenols	1100	0	890	ug/Kg	81				20 (49)	160 (125)	
N-Nitroso-di-n-propylamine	1100	0	840	ug/Kg	76				70 (59)	130 (119)	
Hexachloroethane	1100	0	710	ug/Kg	65				20 (51)	160 (116)	
Nitrobenzene	1100	0	900	ug/Kg	82				70 (47)	130 (124)	
Isophorone	1100	0	890	ug/Kg	81				70 (49)	130 (127)	
2-Nitrophenol	1100	0	1000	ug/Kg	91				70 (43)	130 (131)	
2,4-Dimethylphenol	1100	0	850	ug/Kg	77				70 (63)	130 (151)	
bis(2-Chloroethoxy)methane	1100	0	910	ug/Kg	83				70 (51)	130 (119)	
2,4-Dichlorophenol	1100	0	840	ug/Kg	76				70 (50)	130 (122)	
Naphthalene	1100	0	880	ug/Kg	80				70 (51)	130 (121)	
4-Chloroaniline	1100	0	240	ug/Kg	22	*			70 (10)	130 (100)	
Hexachlorobutadiene	1100	0	850	ug/Kg	77				70 (44)	130 (126)	
Caprolactam	1100	0	930	ug/Kg	85				20 (51)	160 (134)	
4-Chloro-3-methylphenol	1100	0	820	ug/Kg	75				70 (57)	130 (132)	
2-Methylnaphthalene	1100	0	870	ug/Kg	79				70 (59)	130 (123)	
Hexachlorocyclopentadiene	2200	0	0	ug/Kg	0	*			20 (10)	160 (175)	
2,4,6-Trichlorophenol	1100	0	840	ug/Kg	76				70 (33)	130 (141)	
2,4,5-Trichlorophenol	1100	0	820	ug/Kg	75				70 (38)	130 (135)	
1,1-Biphenyl	1100	0	970	ug/Kg	88				70 (55)	130 (131)	
2-Chloronaphthalene	1100	0	900	ug/Kg	82				70 (48)	130 (124)	
2-Nitroaniline	1100	0	960	ug/Kg	87				70 (47)	130 (134)	
Dimethylphthalate	1100	0	990	ug/Kg	90				70 (54)	130 (120)	
Acenaphthylene	1100	0	880	ug/Kg	80				70 (57)	130 (125)	
2,6-Dinitrotoluene	1100	0	960	ug/Kg	87				70 (48)	130 (127)	
3-Nitroaniline	1100	0	600	ug/Kg	55	*			70 (10)	130 (112)	
Acenaphthene	1100	0	890	ug/Kg	81				70 (70)	130 (121)	
2,4-Dinitrophenol	2200	0	870	ug/Kg	40				20 (10)	160 (155)	
4-Nitrophenol	2200	0	1400	ug/Kg	64				20 (10)	160 (175)	
Dibenzofuran	1100	0	860	ug/Kg	78				70 (52)	130 (114)	
2,4-Dinitrotoluene	1100	0	920	ug/Kg	84				70 (41)	130 (140)	
Diethylphthalate	1100	0	930	ug/Kg	85				70 (51)	130 (119)	
4-Chlorophenyl-phenylether	1100	0	870	ug/Kg	79				70 (48)	130 (122)	
Fluorene	1100	0	860	ug/Kg	78				70 (53)	130 (118)	
4-Nitroaniline	1100	0	740	ug/Kg	67	*			70 (29)	130 (140)	
4,6-Dinitro-2-methylphenol	1100	0	610	ug/Kg	55	*			70 (10)	130 (160)	
N-Nitrosodiphenylamine	1100	0	970	ug/Kg	88				70 (73)	130 (118)	
4-Bromophenyl-phenylether	1100	0	910	ug/Kg	83				70 (65)	130 (121)	
Hexachlorobenzene	1100	0	790	ug/Kg	72				70 (67)	130 (118)	
Atrazine	1100	0	1000	ug/Kg	91				70 (45)	130 (175)	

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143313.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2200	0	1400	ug/Kg	64				20 (13)	160 (153)	
Phenanthrene	1100	0	1200	ug/Kg	109				70 (52)	130 (128)	
Anthracene	1100	0	970	ug/Kg	88				70 (62)	130 (124)	
Carbazole	1100	0	960	ug/Kg	87				70 (59)	130 (119)	
Di-n-butylphthalate	1100	0	1100	ug/Kg	100				70 (55)	130 (125)	
Fluoranthene	1100	0	2000	ug/Kg	182	*			70 (44)	130 (125)	
Pyrene	1100	0	1500	ug/Kg	136	*			70 (37)	130 (122)	
Butylbenzylphthalate	1100	0	1100	ug/Kg	100				70 (44)	130 (135)	
3,3-Dichlorobenzidine	1100	0	480	ug/Kg	44	*			70 (15)	130 (112)	
Benzo(a)anthracene	1100	0	1400	ug/Kg	127				70 (53)	130 (119)	
Chrysene	1100	0	1300	ug/Kg	118				70 (57)	130 (121)	
bis(2-Ethylhexyl)phthalate	1100	0	1100	ug/Kg	100				70 (42)	130 (169)	
Di-n-octyl phthalate	1100	0	1000	ug/Kg	91				70 (51)	130 (156)	
Benzo(b)fluoranthene	1100	0	1500	ug/Kg	136	*			70 (52)	130 (117)	
Benzo(k)fluoranthene	1100	0	1300	ug/Kg	118				70 (57)	130 (134)	
Benzo(a)pyrene	1100	0	1300	ug/Kg	118				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	1100	0	830	ug/Kg	75				70 (40)	130 (129)	
Dibenz(a,h)anthracene	1100	0	730	ug/Kg	66	*			70 (43)	130 (123)	
Benzo(g,h,i)perylene	1100	0	860	ug/Kg	78				70 (24)	130 (125)	
1,2,4,5-Tetrachlorobenzene	1100	0	950	ug/Kg	86				70 (52)	130 (134)	
1,4-Dioxane	1100	0	740	ug/Kg	67				20 (46)	160 (112)	
2,3,4,6-Tetrachlorophenol	1100	0	750	ug/Kg	68	*			70 (24)	130 (146)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143314.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2734-01MSD		**Client Sample ID: VNJ-253MSD**									
Benzaldehyde	1100	0	650	ug/Kg	59		7		20 (10)	160 (171)	30 (20)
Phenol	1100	0	950	ug/Kg	86		10		20 (51)	160 (122)	30 (20)
bis(2-Chloroethyl)ether	1100	0	990	ug/Kg	90		6		70 (54)	130 (125)	30 (20)
2-Chlorophenol	1100	0	930	ug/Kg	85		7		70 (51)	130 (121)	30 (20)
2-Methylphenol	1100	0	920	ug/Kg	84		9		70 (47)	130 (125)	30 (20)
2,2-oxybis(1-Chloropropane)	1100	0	930	ug/Kg	85		6		70 (46)	130 (119)	30 (20)
Acetophenone	1100	0	980	ug/Kg	89		8		70 (55)	130 (128)	30 (20)
3+4-Methylphenols	1100	0	950	ug/Kg	86		6		20 (49)	160 (125)	30 (20)
N-Nitroso-di-n-propylamine	1100	0	900	ug/Kg	82		8		70 (59)	130 (119)	30 (20)
Hexachloroethane	1100	0	730	ug/Kg	66		2		20 (51)	160 (116)	30 (20)
Nitrobenzene	1100	0	960	ug/Kg	87		6		70 (47)	130 (124)	30 (20)
Isophorone	1100	0	940	ug/Kg	85		5		70 (49)	130 (127)	30 (20)
2-Nitrophenol	1100	0	1000	ug/Kg	91		0		70 (43)	130 (131)	30 (20)
2,4-Dimethylphenol	1100	0	920	ug/Kg	84		9		70 (63)	130 (151)	30 (20)
bis(2-Chloroethoxy)methane	1100	0	970	ug/Kg	88		6		70 (51)	130 (119)	30 (20)
2,4-Dichlorophenol	1100	0	900	ug/Kg	82		8		70 (50)	130 (122)	30 (20)
Naphthalene	1100	0	930	ug/Kg	85		6		70 (51)	130 (121)	30 (20)
4-Chloroaniline	1100	0	290	ug/Kg	26	*	17		70 (10)	130 (100)	30 (20)
Hexachlorobutadiene	1100	0	890	ug/Kg	81		5		70 (44)	130 (126)	30 (20)
Caprolactam	1100	0	960	ug/Kg	87		2		20 (51)	160 (134)	30 (20)
4-Chloro-3-methylphenol	1100	0	850	ug/Kg	77		3		70 (57)	130 (132)	30 (20)
2-Methylnaphthalene	1100	0	910	ug/Kg	83		5		70 (59)	130 (123)	30 (20)
Hexachlorocyclopentadiene	2200	0	0	ug/Kg	0	*	0		20 (10)	160 (175)	30 (20)
2,4,6-Trichlorophenol	1100	0	910	ug/Kg	83		9		70 (33)	130 (141)	30 (20)
2,4,5-Trichlorophenol	1100	0	880	ug/Kg	80		6		70 (38)	130 (135)	30 (20)
1,1-Biphenyl	1100	0	1000	ug/Kg	91		3		70 (55)	130 (131)	30 (20)
2-Chloronaphthalene	1100	0	970	ug/Kg	88		7		70 (48)	130 (124)	30 (20)
2-Nitroaniline	1100	0	1000	ug/Kg	91		4		70 (47)	130 (134)	30 (20)
Dimethylphthalate	1100	0	1100	ug/Kg	100		11		70 (54)	130 (120)	30 (20)
Acenaphthylene	1100	0	940	ug/Kg	85		6		70 (57)	130 (125)	30 (20)
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91		4		70 (48)	130 (127)	30 (20)
3-Nitroaniline	1100	0	680	ug/Kg	62	*	12		70 (10)	130 (112)	30 (20)
Acenaphthene	1100	0	930	ug/Kg	85		5		70 (70)	130 (121)	30 (20)
2,4-Dinitrophenol	2200	0	560	ug/Kg	25		46	*	20 (10)	160 (155)	30 (20)
4-Nitrophenol	2200	0	1500	ug/Kg	68		6		20 (10)	160 (175)	30 (20)
Dibenzofuran	1100	0	920	ug/Kg	84		7		70 (52)	130 (114)	30 (20)
2,4-Dinitrotoluene	1100	0	960	ug/Kg	87		4		70 (41)	130 (140)	30 (20)
Diethylphthalate	1100	0	990	ug/Kg	90		6		70 (51)	130 (119)	30 (20)
4-Chlorophenyl-phenylether	1100	0	920	ug/Kg	84		6		70 (48)	130 (122)	30 (20)
Fluorene	1100	0	910	ug/Kg	83		6		70 (53)	130 (118)	30 (20)
4-Nitroaniline	1100	0	810	ug/Kg	74		10		70 (29)	130 (140)	30 (20)
4,6-Dinitro-2-methylphenol	1100	0	440	ug/Kg	40	*	32	*	70 (10)	130 (160)	30 (20)
N-Nitrosodiphenylamine	1100	0	1000	ug/Kg	91		3		70 (73)	130 (118)	30 (20)
4-Bromophenyl-phenylether	1100	0	980	ug/Kg	89		7		70 (65)	130 (121)	30 (20)
Hexachlorobenzene	1100	0	850	ug/Kg	77		7		70 (67)	130 (118)	30 (20)
Atrazine	1100	0	1100	ug/Kg	100		9		70 (45)	130 (175)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BF143314.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	2200	0	1500	ug/Kg	68		6		20 (13)	160 (153)	30 (20)
Phenanthrene	1100	0	1300	ug/Kg	118		8		70 (52)	130 (128)	30 (20)
Anthracene	1100	0	1000	ug/Kg	91		3		70 (62)	130 (124)	30 (20)
Carbazole	1100	0	1000	ug/Kg	91		4		70 (59)	130 (119)	30 (20)
Di-n-butylphthalate	1100	0	1100	ug/Kg	100		0		70 (55)	130 (125)	30 (20)
Fluoranthene	1100	0	2200	ug/Kg	200	*	9		70 (44)	130 (125)	30 (20)
Pyrene	1100	0	1600	ug/Kg	145	*	6		70 (37)	130 (122)	30 (20)
Butylbenzylphthalate	1100	0	1200	ug/Kg	109		9		70 (44)	130 (135)	30 (20)
3,3-Dichlorobenzidine	1100	0	550	ug/Kg	50	*	13		70 (15)	130 (112)	30 (20)
Benzo(a)anthracene	1100	0	1400	ug/Kg	127		0		70 (53)	130 (119)	30 (20)
Chrysene	1100	0	1400	ug/Kg	127		7		70 (57)	130 (121)	30 (20)
bis(2-Ethylhexyl)phthalate	1100	0	1200	ug/Kg	109		9		70 (42)	130 (169)	30 (20)
Di-n-octyl phthalate	1100	0	1000	ug/Kg	91		0		70 (51)	130 (156)	30 (20)
Benzo(b)fluoranthene	1100	0	1500	ug/Kg	136	*	0		70 (52)	130 (117)	30 (20)
Benzo(k)fluoranthene	1100	0	1400	ug/Kg	127		7		70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	1100	0	1400	ug/Kg	127		7		70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	1100	0	930	ug/Kg	85		13		70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	1100	0	790	ug/Kg	72		9		70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	1100	0	950	ug/Kg	86		10		70 (24)	130 (125)	30 (20)
1,2,4,5-Tetrachlorobenzene	1100	0	1000	ug/Kg	91		6		70 (52)	130 (134)	30 (20)
1,4-Dioxane	1100	0	800	ug/Kg	73		9		20 (46)	160 (112)	30 (20)
2,3,4,6-Tetrachlorophenol	1100	0	810	ug/Kg	74		8		70 (24)	130 (146)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BF143307.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169095BS	Benzaldehyde	1700	1000	ug/Kg	59				20 (10)	160 (133)	
	Phenol	1700	1500	ug/Kg	88				20 (62)	160 (112)	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				70 (60)	130 (101)	
	2-Chlorophenol	1700	1500	ug/Kg	88				70 (65)	130 (112)	
	2-Methylphenol	1700	1500	ug/Kg	88				70 (61)	130 (108)	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				70 (51)	130 (100)	
	Acetophenone	1700	1500	ug/Kg	88				70 (66)	130 (98)	
	3+4-Methylphenols	1700	1400	ug/Kg	82				20 (58)	160 (111)	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				70 (63)	130 (95)	
	Hexachloroethane	1700	1500	ug/Kg	88				20 (72)	160 (108)	
	Nitrobenzene	1700	1500	ug/Kg	88				70 (57)	130 (101)	
	Isophorone	1700	1500	ug/Kg	88				70 (59)	130 (99)	
	2-Nitrophenol	1700	1700	ug/Kg	100				70 (61)	130 (111)	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				70 (46)	130 (141)	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				70 (66)	130 (97)	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				70 (62)	130 (107)	
	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	4-Chloroaniline	1700	910	ug/Kg	54		*		70 (16)	130 (100)	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				70 (53)	130 (98)	
	Caprolactam	1700	1600	ug/Kg	94				20 (67)	160 (110)	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				70 (58)	130 (112)	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				70 (60)	130 (104)	
	Hexachlorocyclopentadiene	3300	2700	ug/Kg	82				20 (45)	160 (165)	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				70 (59)	130 (102)	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				70 (61)	130 (98)	
	1,1-Biphenyl	1700	1500	ug/Kg	88				70 (57)	130 (103)	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				70 (58)	130 (99)	
	2-Nitroaniline	1700	1600	ug/Kg	94				70 (66)	130 (101)	
	Dimethylphthalate	1700	1500	ug/Kg	88				70 (61)	130 (99)	
	Acenaphthylene	1700	1500	ug/Kg	88				70 (63)	130 (101)	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				70 (61)	130 (104)	
	3-Nitroaniline	1700	1100	ug/Kg	65		*		70 (28)	130 (100)	
	Acenaphthene	1700	1600	ug/Kg	94				70 (57)	130 (104)	
	2,4-Dinitrophenol	3300	3500	ug/Kg	106				20 (37)	160 (128)	
	4-Nitrophenol	3300	2800	ug/Kg	85				20 (48)	160 (119)	
	Dibenzofuran	1700	1500	ug/Kg	88				70 (63)	130 (99)	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				70 (60)	130 (106)	
	Diethylphthalate	1700	1500	ug/Kg	88				70 (60)	130 (101)	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				70 (58)	130 (98)	
	Fluorene	1700	1500	ug/Kg	88				70 (61)	130 (101)	
	4-Nitroaniline	1700	1600	ug/Kg	94				70 (64)	130 (103)	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				70 (76)	130 (113)	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				70 (71)	130 (99)	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				70 (66)	130 (102)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BF143307.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169095BS	Hexachlorobenzene	1700	1500	ug/Kg	88				70 (64)	130 (98)	
	Atrazine	1700	1700	ug/Kg	100				70 (47)	130 (152)	
	Pentachlorophenol	3300	2800	ug/Kg	85				20 (67)	160 (105)	
	Phenanthrene	1700	1500	ug/Kg	88				70 (59)	130 (103)	
	Anthracene	1700	1500	ug/Kg	88				70 (61)	130 (105)	
	Carbazole	1700	1500	ug/Kg	88				70 (61)	130 (99)	
	Di-n-butylphthalate	1700	1700	ug/Kg	100				70 (58)	130 (104)	
	Fluoranthene	1700	1600	ug/Kg	94				70 (57)	130 (107)	
	Pyrene	1700	1500	ug/Kg	88				70 (59)	130 (103)	
	Butylbenzylphthalate	1700	1900	ug/Kg	112				70 (55)	130 (103)	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65		*		70 (42)	130 (91)	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				70 (60)	130 (102)	
	Chrysene	1700	1500	ug/Kg	88				70 (59)	130 (101)	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				70 (54)	130 (135)	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70 (52)	130 (137)	
	Benzo(b)fluoranthene	1700	1400	ug/Kg	82				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				70 (63)	130 (103)	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70 (70)	130 (108)	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				70 (53)	130 (101)	
	1,4-Dioxane	1700	1200	ug/Kg	71				20 (50)	160 (96)	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				70 (59)	130 (108)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169095BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2743

Lab File ID: BF143306.D | Lab Sample ID: PB169095BL

Instrument ID: BNA_F | Date Extracted: 08/04/2025

Matrix: (soil/water) SOIL | Date Analyzed: 08/05/2025

Level: (low/med) LOW | Time Analyzed: 10:29

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169095BS	PB169095BS	BF143307.D	08/05/2025
VNJ-253MS	Q2734-01MS	BF143313.D	08/05/2025
VNJ-253MSD	Q2734-01MSD	BF143314.D	08/05/2025
WC1	Q2743-01	BF143294.D	08/04/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2743

Lab File ID: BF143138.D DFTPP Injection Date: 07/17/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143140.D	07/17/2025	11:04
SSTDICC005	SSTDICC005	BF143141.D	07/17/2025	11:34
SSTDICC010	SSTDICC010	BF143142.D	07/17/2025	12:04
SSTDICC020	SSTDICC020	BF143143.D	07/17/2025	12:34
SSTDICCC040	SSTDICCC040	BF143144.D	07/17/2025	13:03
SSTDICC050	SSTDICC050	BF143145.D	07/17/2025	13:33
SSTDICC060	SSTDICC060	BF143146.D	07/17/2025	14:04
SSTDICC080	SSTDICC080	BF143147.D	07/17/2025	14:34

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2743

Lab File ID: BF143289.D DFTPP Injection Date: 08/04/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	81.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.9 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143290.D	08/04/2025	12:04
WC1	Q2743-01	BF143294.D	08/04/2025	14:10

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2743

Lab File ID: BF143304.D DFTPP Injection Date: 08/05/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:02

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	80.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143305.D	08/05/2025	10:00
PB169095BL	PB169095BL	BF143306.D	08/05/2025	10:29
PB169095BS	PB169095BS	BF143307.D	08/05/2025	10:58
VNJ-253MS	Q2734-01MS	BF143313.D	08/05/2025	13:59
VNJ-253MSD	Q2734-01MSD	BF143314.D	08/05/2025	14:28

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2743

Client ID : SSTDCCC040 Date Analyzed: 08/04/2025

Lab File ID: BF143290.D Time Analyzed: 12:04

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	116257	6.963	448345	8.25	222822	10.00
	UPPER LIMIT	232514	7.463	896690	8.745	445644	10.498
	LOWER LIMIT	58128.5	6.463	224173	7.745	111411	9.498
	EPA SAMPLE NO.						
01	WC1	122191	6.96	459211	8.24	223785	9.99

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2743

Client ID: SSTDCCC040 Date Analyzed: 08/04/2025

Lab File ID: BF143290.D Time Analyzed: 12:04

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	357497	11.486	221589	14.127	245090	15.633
	UPPER LIMIT	714994	11.986	443178	14.627	490180	16.133
	LOWER LIMIT	178749	10.986	110795	13.627	122545	15.133
	EPA SAMPLE NO.						
01	WC1	329577	11.48	248990	14.12	305770	15.63

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2743

Client ID : SSTDCCC040 Date Analyzed: 08/05/2025

Lab File ID: BF143305.D Time Analyzed: 10:00

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	113128	6.963	431458	8.25	216118	10.00
	UPPER LIMIT	226256	7.463	862916	8.745	432236	10.498
	LOWER LIMIT	56564	6.463	215729	7.745	108059	9.498
	EPA SAMPLE NO.						
01	PB169095BL	114562	6.96	444658	8.24	231807	10.00
02	PB169095BS	118629	6.96	457337	8.25	232356	10.00
03	VNJ-253MS	130860	6.96	486158	8.25	224868	10.00
04	VNJ-253MSD	119894	6.96	447775	8.25	200201	10.00

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2743

Client ID: SSTDCCC040 Date Analyzed: 08/05/2025

Lab File ID: BF143305.D Time Analyzed: 10:00

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	330581	11.486	218496	14.127	256941	15.633
	UPPER LIMIT	661162	11.986	436992	14.627	513882	16.133
	LOWER LIMIT	165291	10.986	109248	13.627	128471	15.133
	EPA SAMPLE NO.						
01	PB169095BL	384624	11.49	231168	14.13	249231	15.63
02	PB169095BS	366236	11.49	223170	14.13	254386	15.63
03	VNJ-253MS	312204	11.49	241353	14.13	186398	15.65
04	VNJ-253MSD	276419	11.49	209954	14.13	154652	15.65

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	PB169095BL	SDG No.:	Q2743
Lab Sample ID:	PB169095BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143306.D	1	08/04/25 09:20	08/05/25 10:29	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	PB169095BL			SDG No.:	Q2743
Lab Sample ID:	PB169095BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143306.D	1	08/04/25 09:20	08/05/25 10:29	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	PB169095BL			SDG No.:	Q2743
Lab Sample ID:	PB169095BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143306.D	1	08/04/25 09:20	08/05/25 10:29	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	123		30 (18) - 130 (112)	82%	SPK: 150
13127-88-3	Phenol-d6	124		30 (15) - 130 (107)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.1		30 (18) - 130 (107)	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.1		30 (20) - 130 (109)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		30 (10) - 130 (116)	84%	SPK: 150
1718-51-0	Terphenyl-d14	82.4		30 (10) - 130 (105)	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	115000	6.963			
1146-65-2	Naphthalene-d8	445000	8.239			
15067-26-2	Acenaphthene-d10	232000	9.998			
1517-22-2	Phenanthrene-d10	385000	11.486			
1719-03-5	Chrysene-d12	231000	14.127			
1520-96-3	Perylene-d12	249000	15.633			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	75.0	J		2.35	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	380	A		5.21	ug/Kg
000791-28-6	Triphenylphosphine oxide	100	J		14.2	ug/Kg

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	PB169095BL			SDG No.:	Q2743
Lab Sample ID:	PB169095BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143306.D	1	08/04/25 09:20	08/05/25 10:29	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	PB169095BS	SDG No.:	Q2743
Lab Sample ID:	PB169095BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143307.D	1	08/04/25 09:20	08/05/25 10:58	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1000		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1500		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		37.5	170	ug/Kg
98-86-2	Acetophenone	1500		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1700		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	910		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	PB169095BS			SDG No.:	Q2743
Lab Sample ID:	PB169095BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143307.D	1	08/04/25 09:20	08/05/25 10:58	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1100		46.0	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	2800	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1500		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	1700		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	2800	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		47.9	170	ug/Kg
206-44-0	Fluoranthene	1600		30.0	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		19.0	170	ug/Kg

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	PB169095BS			SDG No.:	Q2743
Lab Sample ID:	PB169095BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143307.D	1	08/04/25 09:20	08/05/25 10:58	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1200		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	119		30 (18) - 130 (112)	79%	SPK: 150
13127-88-3	Phenol-d6	119		30 (15) - 130 (107)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.0		30 (18) - 130 (107)	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.4		30 (20) - 130 (109)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		30 (10) - 130 (116)	86%	SPK: 150
1718-51-0	Terphenyl-d14	80.3		30 (10) - 130 (105)	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	119000	6.963			
1146-65-2	Naphthalene-d8	457000	8.245			
15067-26-2	Acenaphthene-d10	232000	9.998			
1517-22-2	Phenanthrene-d10	366000	11.486			
1719-03-5	Chrysene-d12	223000	14.127			
1520-96-3	Perylene-d12	254000	15.633			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	VNJ-253MS	SDG No.:	Q2743
Lab Sample ID:	Q2734-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143313.D	2	08/04/25 09:20	08/05/25 13:59	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	600		210	440	ug/Kg
108-95-2	Phenol	860		29.4	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	930		32.3	230	ug/Kg
95-57-8	2-Chlorophenol	870		32.5	230	ug/Kg
95-48-7	2-Methylphenol	850		39.8	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	880		49.9	230	ug/Kg
98-86-2	Acetophenone	900		39.3	230	ug/Kg
65794-96-9	3+4-Methylphenols	890		54.7	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	840		63.1	110	ug/Kg
67-72-1	Hexachloroethane	710		23.4	230	ug/Kg
98-95-3	Nitrobenzene	900		24.3	230	ug/Kg
78-59-1	Isophorone	890		43.6	230	ug/Kg
88-75-5	2-Nitrophenol	1000		77.4	230	ug/Kg
105-67-9	2,4-Dimethylphenol	850		86.2	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	910		41.0	230	ug/Kg
120-83-2	2,4-Dichlorophenol	840		37.7	230	ug/Kg
91-20-3	Naphthalene	880		30.2	230	ug/Kg
106-47-8	4-Chloroaniline	240		47.1	230	ug/Kg
87-68-3	Hexachlorobutadiene	850		33.7	230	ug/Kg
105-60-2	Caprolactam	930		69.3	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	820		38.2	230	ug/Kg
91-57-6	2-Methylnaphthalene	870		34.1	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	840		26.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	820		38.7	230	ug/Kg
92-52-4	1,1-Biphenyl	970		29.0	230	ug/Kg
91-58-7	2-Chloronaphthalene	900		29.9	230	ug/Kg
88-74-4	2-Nitroaniline	960		64.0	230	ug/Kg
131-11-3	Dimethylphthalate	990		36.1	230	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	VNJ-253MS	SDG No.:	Q2743
Lab Sample ID:	Q2734-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143313.D	2	08/04/25 09:20	08/05/25 13:59	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	880		38.5	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		44.7	230	ug/Kg
99-09-2	3-Nitroaniline	600		61.2	230	ug/Kg
83-32-9	Acenaphthene	890		28.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	870		300	440	ug/Kg
100-02-7	4-Nitrophenol	1400		140	440	ug/Kg
132-64-9	Dibenzofuran	860		30.2	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	920		66.7	230	ug/Kg
84-66-2	Diethylphthalate	930		37.7	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	870		35.5	230	ug/Kg
86-73-7	Fluorene	860		33.7	230	ug/Kg
100-01-6	4-Nitroaniline	740		85.4	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	610		140	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	970		43.8	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	910		37.0	230	ug/Kg
118-74-1	Hexachlorobenzene	790		33.7	230	ug/Kg
1912-24-9	Atrazine	1000		45.2	230	ug/Kg
87-86-5	Pentachlorophenol	1400		68.3	440	ug/Kg
85-01-8	Phenanthrene	1200		27.8	230	ug/Kg
120-12-7	Anthracene	970		44.3	230	ug/Kg
86-74-8	Carbazole	960		41.5	230	ug/Kg
84-74-2	Di-n-butylphthalate	1100		63.7	230	ug/Kg
206-44-0	Fluoranthene	2000		39.9	230	ug/Kg
129-00-0	Pyrene	1500		47.9	230	ug/Kg
85-68-7	Butylbenzylphthalate	1100		95.0	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	480		48.8	440	ug/Kg
56-55-3	Benzo(a)anthracene	1400		30.6	230	ug/Kg
218-01-9	Chrysene	1300		26.5	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		78.8	230	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		120	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		25.3	230	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	VNJ-253MS	SDG No.:	Q2743
Lab Sample ID:	Q2734-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143313.D	2	08/04/25 09:20	08/05/25 13:59	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1300		29.8	230	ug/Kg
50-32-8	Benzo(a)pyrene	1300		39.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	830		38.7	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	730		36.5	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	860		34.2	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	950		34.1	230	ug/Kg
123-91-1	1,4-Dioxane	740		60.1	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	750		36.5	230	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	80.6		30 (18) - 130 (112)	54%	SPK: 150
13127-88-3	Phenol-d6	83.6		30 (15) - 130 (107)	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.4		30 (18) - 130 (107)	56%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.0		30 (20) - 130 (109)	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	71.9		30 (10) - 130 (116)	48%	SPK: 150
1718-51-0	Terphenyl-d14	47.0		30 (10) - 130 (105)	47%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	131000	6.963			
1146-65-2	Naphthalene-d8	486000	8.245			
15067-26-2	Acenaphthene-d10	225000	10.004			
1517-22-2	Phenanthrene-d10	312000	11.486			
1719-03-5	Chrysene-d12	241000	14.133			
1520-96-3	Perylene-d12	186000	15.645			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	VNJ-253MSD	SDG No.:	Q2743
Lab Sample ID:	Q2734-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143314.D	2	08/04/25 09:20	08/05/25 14:28	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	650		210	440	ug/Kg
108-95-2	Phenol	950		29.4	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	990		32.3	230	ug/Kg
95-57-8	2-Chlorophenol	930		32.5	230	ug/Kg
95-48-7	2-Methylphenol	920		39.8	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	930		49.9	230	ug/Kg
98-86-2	Acetophenone	980		39.3	230	ug/Kg
65794-96-9	3+4-Methylphenols	950		54.7	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	900		63.1	110	ug/Kg
67-72-1	Hexachloroethane	730		23.4	230	ug/Kg
98-95-3	Nitrobenzene	960		24.4	230	ug/Kg
78-59-1	Isophorone	940		43.7	230	ug/Kg
88-75-5	2-Nitrophenol	1000		77.5	230	ug/Kg
105-67-9	2,4-Dimethylphenol	920		86.3	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	970		41.0	230	ug/Kg
120-83-2	2,4-Dichlorophenol	900		37.7	230	ug/Kg
91-20-3	Naphthalene	930		30.2	230	ug/Kg
106-47-8	4-Chloroaniline	290		47.1	230	ug/Kg
87-68-3	Hexachlorobutadiene	890		33.7	230	ug/Kg
105-60-2	Caprolactam	960		69.3	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	850		38.2	230	ug/Kg
91-57-6	2-Methylnaphthalene	910		34.1	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	910		26.4	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	880		38.7	230	ug/Kg
92-52-4	1,1-Biphenyl	1000		29.0	230	ug/Kg
91-58-7	2-Chloronaphthalene	970		29.9	230	ug/Kg
88-74-4	2-Nitroaniline	1000		64.0	230	ug/Kg
131-11-3	Dimethylphthalate	1100		36.1	230	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	VNJ-253MSD	SDG No.:	Q2743
Lab Sample ID:	Q2734-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143314.D	2	08/04/25 09:20	08/05/25 14:28	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	940		38.5	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		44.7	230	ug/Kg
99-09-2	3-Nitroaniline	680		61.2	230	ug/Kg
83-32-9	Acenaphthene	930		28.4	230	ug/Kg
51-28-5	2,4-Dinitrophenol	560		300	440	ug/Kg
100-02-7	4-Nitrophenol	1500		140	440	ug/Kg
132-64-9	Dibenzofuran	920		30.2	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	960		66.7	230	ug/Kg
84-66-2	Diethylphthalate	990		37.7	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		35.5	230	ug/Kg
86-73-7	Fluorene	910		33.7	230	ug/Kg
100-01-6	4-Nitroaniline	810		85.5	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	440		140	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		43.8	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	980		37.0	230	ug/Kg
118-74-1	Hexachlorobenzene	850		33.7	230	ug/Kg
1912-24-9	Atrazine	1100		45.3	230	ug/Kg
87-86-5	Pentachlorophenol	1500		68.3	440	ug/Kg
85-01-8	Phenanthrene	1300		27.8	230	ug/Kg
120-12-7	Anthracene	1000		44.3	230	ug/Kg
86-74-8	Carbazole	1000		41.5	230	ug/Kg
84-74-2	Di-n-butylphthalate	1100		63.8	230	ug/Kg
206-44-0	Fluoranthene	2200		39.9	230	ug/Kg
129-00-0	Pyrene	1600		47.9	230	ug/Kg
85-68-7	Butylbenzylphthalate	1200		95.0	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	550		48.8	440	ug/Kg
56-55-3	Benzo(a)anthracene	1400		30.6	230	ug/Kg
218-01-9	Chrysene	1400		26.5	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		78.8	230	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		120	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		25.3	230	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	VNJ-253MSD	SDG No.:	Q2743
Lab Sample ID:	Q2734-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143314.D	2	08/04/25 09:20	08/05/25 14:28	PB169095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1400		29.8	230	ug/Kg
50-32-8	Benzo(a)pyrene	1400		39.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	930		38.7	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	790		36.5	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	950		34.2	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		34.1	230	ug/Kg
123-91-1	1,4-Dioxane	800		60.2	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	810		36.5	230	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	87.2		30 (18) - 130 (112)	58%	SPK: 150
13127-88-3	Phenol-d6	89.9		30 (15) - 130 (107)	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.6		30 (18) - 130 (107)	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.5		30 (20) - 130 (109)	64%	SPK: 100
118-79-6	2,4,6-Tribromophenol	76.0		30 (10) - 130 (116)	51%	SPK: 150
1718-51-0	Terphenyl-d14	50.7		30 (10) - 130 (105)	51%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	120000	6.963			
1146-65-2	Naphthalene-d8	448000	8.245			
15067-26-2	Acenaphthene-d10	200000	10.004			
1517-22-2	Phenanthrene-d10	276000	11.486			
1719-03-5	Chrysene-d12	210000	14.133			
1520-96-3	Perylene-d12	155000	15.645			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143140.D 5 =BF143141.D 10 =BF143142.D 20 =BF143143.D 40 =BF143144.D 50 =BF143145.D 60 =BF143146.D 80 =BF1431
47.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.622	0.582	0.614	0.600	0.625	0.584	0.558	0.598	4.09
3)		Pyridine		1.631	1.557	1.551	1.530	1.618	1.525	1.452	1.552	3.88
4)		n-Nitrosodimet...			0.776	0.799	0.810	0.851	0.804	0.768	0.801	3.66
5)	S	2-Fluorophenol		1.385	1.313	1.319	1.231	1.284	1.194	1.121	1.264	7.00
6)		Aniline		2.334	2.259	2.273	2.204	2.292	2.139	2.018	2.217	4.86
7)	S	Phenol-d6		1.733	1.640	1.657	1.554	1.632	1.506	1.413	1.591	6.72
8)		2-Chlorophenol		1.391	1.343	1.371	1.310	1.369	1.284	1.205	1.325	4.87
9)		Benzaldehyde			1.167	1.163	1.443	1.411	1.122	0.851	1.193	18.13
10)	C	Phenol		1.882	1.767	1.776	1.711	1.788	1.675	1.531	1.733	6.37
11)		bis(2-Chloroet...		1.419	1.343	1.379	1.303	1.361	1.281	1.203	1.327	5.40
12)		1,3-Dichlorobe...		1.572	1.513	1.494	1.401	1.466	1.362	1.266	1.439	7.18
13)	C	1,4-Dichlorobe...		1.602	1.518	1.502	1.418	1.473	1.357	1.275	1.449	7.52
14)		1,2-Dichlorobe...		1.509	1.413	1.445	1.343	1.413	1.303	1.223	1.378	6.96
15)		Benzyl Alcohol			1.214	1.246	1.215	1.278	1.193	1.141	1.215	3.85
16)		2,2'-oxybis(1-...		2.670	2.553	2.545	2.421	2.517	2.343	2.182	2.461	6.55
17)		2-Methylphenol		1.178	1.111	1.141	1.097	1.160	1.084	1.026	1.114	4.61
18)		Hexachloroethane		0.522	0.498	0.522	0.495	0.525	0.491	0.460	0.502	4.68
19)	P	n-Nitroso-di-n...	1.101	1.111	1.051	1.028	0.986	1.023	0.953	0.912	1.021	6.76
20)		3+4-Methylphenols			1.467	1.469	1.341	1.402	1.268	1.162	1.351	8.95
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.527	0.504	0.501	0.455	0.476	0.442	0.409	0.474	8.65
23)	S	Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.397	0.378	0.401	3.47
24)		Nitrobenzene		0.380	0.370	0.388	0.375	0.388	0.373	0.345	0.374	3.88
25)		Isophorone		0.748	0.707	0.711	0.692	0.734	0.699	0.667	0.708	3.75
26)	C	2-Nitrophenol		0.133	0.141	0.164	0.172	0.182	0.177	0.168	0.162	11.25
27)		2,4-Dimethylph...		0.356	0.340	0.341	0.324	0.338	0.319	0.298	0.331	5.70
28)		bis(2-Chloroet...		0.463	0.437	0.442	0.413	0.430	0.405	0.383	0.425	6.28
29)	C	2,4-Dichloroph...		0.292	0.282	0.287	0.276	0.289	0.271	0.256	0.279	4.44
30)		1,2,4-Trichlor...		0.329	0.307	0.318	0.294	0.303	0.290	0.270	0.302	6.43
31)		Naphthalene		1.118	1.038	1.032	0.954	0.986	0.916	0.851	0.985	8.91
32)		Benzoic acid			0.104	0.149	0.180	0.197	0.187	0.194	0.169	21.36
33)		4-Chloroaniline		0.437	0.417	0.419	0.390	0.408	0.383	0.361	0.402	6.33
34)	C	Hexachlorobuta...		0.193	0.190	0.191	0.181	0.188	0.179	0.169	0.184	4.59
35)		Caprolactam			0.078	0.084	0.087	0.091	0.085	0.082	0.084	5.35
36)	C	4-Chloro-3-met...		0.319	0.310	0.307	0.301	0.311	0.294	0.282	0.303	4.04
37)		2-Methylnaphth...		0.667	0.634	0.628	0.580	0.603	0.561	0.522	0.599	8.17
38)		1-Methylnaphth...		0.682	0.652	0.650	0.599	0.621	0.579	0.537	0.617	8.05

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.638	0.598	0.601	0.550	0.582	0.558	0.515	0.577	6.93
41)	P	Hexachlorocycl...		0.337	0.373	0.373	0.404	0.393	0.374	0.376	6.14
42)	S	2,4,6-Tribromo...	0.200	0.202	0.212	0.210	0.218	0.206	0.198	0.207	3.55
43)	C	2,4,6-Trichlor...	0.391	0.406	0.412	0.384	0.429	0.401	0.374	0.400	4.63
44)		2,4,5-Trichlor...	0.404	0.387	0.411	0.405	0.411	0.395	0.384	0.400	2.76
45)	S	2-Fluorobiphenyl	1.761	1.644	1.547	1.358	1.414	1.323	1.190	1.462	13.58
46)		1,1'-Biphenyl	1.748	1.667	1.640	1.489	1.553	1.472	1.353	1.560	8.62
47)		2-Chloronaphth...	1.268	1.223	1.192	1.103	1.166	1.104	1.026	1.155	7.14
48)		2-Nitroaniline	0.305	0.333	0.372	0.377	0.396	0.386	0.366	0.362	8.85
49)		Acenaphthylene	2.134	2.052	2.011	1.860	1.958	1.834	1.694	1.935	7.71
50)		Dimethylphthalate	1.422	1.340	1.340	1.279	1.325	1.251	1.169	1.304	6.16
51)		2,6-Dinitrotol...	0.225	0.250	0.272	0.278	0.289	0.277	0.266	0.265	8.14
52)	C	Acenaphthene	1.278	1.194	1.184	1.096	1.155	1.083	1.016	1.144	7.53
53)		3-Nitroaniline	0.285	0.300	0.315	0.317	0.334	0.318	0.303	0.310	5.13
54)	P	2,4-Dinitrophenol		0.051	0.081	0.104	0.116	0.118	0.121	0.098	28.02
55)		Dibenzofuran	1.929	1.807	1.766	1.633	1.698	1.587	1.465	1.698	9.02
56)	P	4-Nitrophenol		0.200	0.228	0.246	0.250	0.237	0.229	0.232	7.70
57)		2,4-Dinitrotol...	0.269	0.296	0.342	0.354	0.372	0.354	0.341	0.333	11.03
58)		Fluorene	1.480	1.402	1.322	1.212	1.257	1.161	1.086	1.274	10.79
59)		2,3,4,6-Tetrac...	0.321	0.331	0.345	0.333	0.351	0.329	0.309	0.331	4.30
60)		Diethylphthalate	1.377	1.322	1.335	1.269	1.329	1.231	1.158	1.289	5.81
61)		4-Chlorophenyl...	0.710	0.670	0.657	0.612	0.633	0.601	0.558	0.635	7.86
62)		4-Nitroaniline	0.236	0.255	0.266	0.280	0.289	0.270	0.265	0.266	6.44
63)		Azobenzene	1.452	1.401	1.389	1.320	1.364	1.278	1.196	1.343	6.38
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.087	0.097	0.110	0.109	0.109	0.094	22.88
66)	c	n-Nitrosodiphe...	0.761	0.728	0.721	0.674	0.726	0.685	0.634	0.704	6.03
67)		4-Bromophenyl-...	0.252	0.238	0.241	0.228	0.247	0.239	0.223	0.238	4.26
68)		Hexachlorobenzene	0.269	0.248	0.252	0.239	0.258	0.245	0.233	0.249	4.80
69)		Atrazine	0.184	0.187	0.198	0.196	0.208	0.197	0.189	0.194	4.32
70)	C	Pentachlorophenol		0.119	0.146	0.148	0.160	0.155	0.150	0.147	9.70
71)		Phenanthrene	1.191	1.100	1.117	1.020	1.069	1.002	0.934	1.062	7.98
72)		Anthracene	1.184	1.136	1.134	1.038	1.095	1.038	0.956	1.083	7.13
73)		Carbazole	1.042	0.969	0.982	0.929	0.963	0.899	0.836	0.946	6.93
74)		Di-n-butylphth...	1.076	1.054	1.129	1.074	1.119	1.048	0.990	1.070	4.36
75)	C	Fluoranthene	1.085	0.987	1.018	0.953	0.979	0.928	0.873	0.975	6.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.758	0.844	0.953	0.697	0.601		0.771	17.53
78)		Pyrene	1.909	1.783	1.783	1.715	1.740	1.523	1.494	1.707	8.72
79)	S	Terphenyl-d14	1.567	1.456	1.419	1.311	1.342	1.191	1.122	1.344	11.43
80)		Butylbenzylpht...	0.438	0.472	0.536	0.544	0.582	0.556	0.532	0.523	9.61
81)		Benzo(a)anthra...	1.374	1.367	1.381	1.282	1.422	1.313	1.235	1.339	4.86
82)		3,3'-Dichlorob...		0.437	0.495	0.429	0.476	0.440	0.401	0.446	7.58
83)		Chrysene	1.282	1.174	1.247	1.206	1.218	1.173	1.127	1.204	4.29
84)		Bis(2-ethylhex...	0.691	0.755	0.824	0.789	0.862	0.826	0.789	0.791	7.03
85)	c	Di-n-octyl pht...		1.274	1.428	1.384	1.550	1.508	1.461	1.434	6.83

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.424	1.336	1.430	1.413	1.505	1.411	1.352	1.410	3.92
88)		Benzo(b)fluora...	1.231	1.136	1.287	1.147	1.352	1.188	1.212	1.222	6.30
89)		Benzo(k)fluora...	1.168	1.152	1.093	1.134	1.069	1.080	0.937	1.090	7.10
90)	C	Benzo(a)pyrene	1.129	1.102	1.147	1.121	1.192	1.121	1.070	1.126	3.35
91)		Dibenzo(a,h)an...	1.159	1.103	1.179	1.147	1.221	1.140	1.087	1.148	3.92
92)		Benzo(g,h,i)pe...	1.100	1.047	1.140	1.109	1.196	1.113	1.067	1.110	4.37

(#) = Out of Range

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2743

Instrument ID: BNA_F Calibration Date/Time: 08/04/2025 12:04

Lab File ID: BF143290.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.304		3.2	
Benzaldehyde	1.193	1.312		10.0	
Phenol-d6	1.591	1.645		3.4	
Phenol	1.733	1.905		9.9	20.0
bis(2-Chloroethyl)ether	1.327	1.391		4.7	
2-Chlorophenol	1.325	1.362		2.8	
2-Methylphenol	1.114	1.137		2.1	
2,2-oxybis(1-Chloropropane)	2.461	2.560		4.0	
Acetophenone	0.474	0.474		0.0	
3+4-Methylphenols	1.351	1.378		2.0	
n-Nitroso-di-n-propylamine	1.021	1.014	0.050	-0.7	
Nitrobenzene-d5	0.401	0.415		3.5	
Hexachloroethane	0.502	0.529		5.4	
Nitrobenzene	0.374	0.391		4.5	
Isophorone	0.708	0.720		1.7	
2-Nitrophenol	0.162	0.180		11.1	20.0
2,4-Dimethylphenol	0.331	0.332		0.3	
bis(2-Chloroethoxy)methane	0.425	0.436		2.6	
2,4-Dichlorophenol	0.279	0.287		2.9	20.0
Naphthalene	0.985	1.008		2.3	
4-Chloroaniline	0.402	0.413		2.7	
Hexachlorobutadiene	0.184	0.186		1.1	20.0
Caprolactam	0.084	0.088		4.8	
4-Chloro-3-methylphenol	0.303	0.305		0.7	20.0
2-Methylnaphthalene	0.599	0.610		1.8	
Hexachlorocyclopentadiene	0.376	0.356	0.050	-5.3	
2,4,6-Trichlorophenol	0.400	0.395		-1.3	20.0
2-Fluorobiphenyl	1.462	1.487		1.7	
2,4,5-Trichlorophenol	0.400	0.412		3.0	
1,1-Biphenyl	1.560	1.631		4.6	
2-Chloronaphthalene	1.155	1.190		3.0	
2-Nitroaniline	0.362	0.399		10.2	
Dimethylphthalate	1.304	1.359		4.2	
Acenaphthylene	1.935	2.001		3.4	
2,6-Dinitrotoluene	0.265	0.284		7.2	
3-Nitroaniline	0.310	0.324		4.5	
Acenaphthene	1.144	1.188		3.8	20.0
2,4-Dinitrophenol	0.098	0.104	0.050	6.1	
4-Nitrophenol	0.232	0.275	0.050	18.5	

Form VII SV-1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2743

Instrument ID: BNA_F Calibration Date/Time: 08/04/2025 12:04

Lab File ID: BF143290.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.698	1.735		2.2	
2,4-Dinitrotoluene	0.333	0.363		9.0	
Diethylphthalate	1.289	1.338		3.8	
4-Chlorophenyl-phenylether	0.635	0.664		4.6	
Fluorene	1.274	1.320		3.6	
4-Nitroaniline	0.266	0.285		7.1	
4,6-Dinitro-2-methylphenol	0.094	0.101		7.4	
n-Nitrosodiphenylamine	0.704	0.722		2.6	20.0
2,4,6-Tribromophenol	0.207	0.215		3.9	
4-Bromophenyl-phenylether	0.238	0.247		3.8	
Hexachlorobenzene	0.249	0.251		0.8	
Atrazine	0.194	0.211		8.8	
Pentachlorophenol	0.147	0.134		-8.8	20.0
Phenanthrene	1.062	1.086		2.2	
Anthracene	1.083	1.123		3.7	
Carbazole	0.946	0.979		3.5	
Di-n-butylphthalate	1.070	1.194		11.6	
Fluoranthene	0.975	1.058		8.5	20.0
Pyrene	1.707	1.713		0.4	
Terphenyl-d14	1.344	1.333		-0.8	
Butylbenzylphthalate	0.523	0.618		18.2	
3,3-Dichlorobenzidine	0.446	0.462		3.6	
Benzo(a)anthracene	1.339	1.356		1.3	
Chrysene	1.204	1.248		3.7	
Bis(2-ethylhexyl)phthalate	0.791	0.879		11.1	
Di-n-octyl phthalate	1.434	1.428		-0.4	20.0
Benzo(b)fluoranthene	1.222	1.303		6.6	
Benzo(k)fluoranthene	1.090	1.036		-5.0	
Benzo(a)pyrene	1.126	1.162		3.2	20.0
Indeno(1,2,3-cd)pyrene	1.410	1.475		4.6	
Dibenzo(a,h)anthracene	1.148	1.210		5.4	
Benzo(g,h,i)perylene	1.110	1.206		8.6	
1,2,4,5-Tetrachlorobenzene	0.577	0.610		5.7	
1,4-Dioxane	0.598	0.635		6.2	20.0
2,3,4,6-Tetrachlorophenol	0.331	0.342		3.3	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2743

Instrument ID: BNA_F Calibration Date/Time: 08/05/2025 10:00

Lab File ID: BF143305.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.256		-0.6	
Benzaldehyde	1.193	1.264		6.0	
Phenol-d6	1.591	1.570		-1.3	
Phenol	1.733	1.814		4.7	20.0
bis(2-Chloroethyl)ether	1.327	1.337		0.8	
2-Chlorophenol	1.325	1.329		0.3	
2-Methylphenol	1.114	1.094		-1.8	
2,2-oxybis(1-Chloropropane)	2.461	2.499		1.5	
Acetophenone	0.474	0.457		-3.6	
3+4-Methylphenols	1.351	1.337		-1.0	
n-Nitroso-di-n-propylamine	1.021	0.977	0.050	-4.3	
Nitrobenzene-d5	0.401	0.409		2.0	
Hexachloroethane	0.502	0.511		1.8	
Nitrobenzene	0.374	0.383		2.4	
Isophorone	0.708	0.690		-2.5	
2-Nitrophenol	0.162	0.187		15.4	20.0
2,4-Dimethylphenol	0.331	0.324		-2.1	
bis(2-Chloroethoxy)methane	0.425	0.433		1.9	
2,4-Dichlorophenol	0.279	0.282		1.1	20.0
Naphthalene	0.985	0.982		-0.3	
4-Chloroaniline	0.402	0.392		-2.5	
Hexachlorobutadiene	0.184	0.183		-0.5	20.0
Caprolactam	0.084	0.083		-1.2	
4-Chloro-3-methylphenol	0.303	0.295		-2.6	20.0
2-Methylnaphthalene	0.599	0.594		-0.8	
Hexachlorocyclopentadiene	0.376	0.334	0.050	-11.2	
2,4,6-Trichlorophenol	0.400	0.381		-4.8	20.0
2-Fluorobiphenyl	1.462	1.437		-1.7	
2,4,5-Trichlorophenol	0.400	0.400		0.0	
1,1-Biphenyl	1.560	1.573		0.8	
2-Chloronaphthalene	1.155	1.154		-0.1	
2-Nitroaniline	0.362	0.384		6.1	
Dimethylphthalate	1.304	1.283		-1.6	
Acenaphthylene	1.935	1.903		-1.7	
2,6-Dinitrotoluene	0.265	0.279		5.3	
3-Nitroaniline	0.310	0.316		1.9	
Acenaphthene	1.144	1.158		1.2	20.0
2,4-Dinitrophenol	0.098	0.115	0.050	17.3	
4-Nitrophenol	0.232	0.335	0.050	44.4	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Instrument ID: BNA_F Calibration Date/Time: 08/05/2025 10:00

Lab File ID: BF143305.D Init. Calib. Date(s): 07/17/2025 07/17/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.698	1.665		-1.9	
2,4-Dinitrotoluene	0.333	0.353		6.0	
Diethylphthalate	1.289	1.251		-2.9	
4-Chlorophenyl-phenylether	0.635	0.635		0.0	
Fluorene	1.274	1.245		-2.3	
4-Nitroaniline	0.266	0.267		0.4	
4,6-Dinitro-2-methylphenol	0.094	0.112		19.1	
n-Nitrosodiphenylamine	0.704	0.716		1.7	20.0
2,4,6-Tribromophenol	0.207	0.201		-2.9	
4-Bromophenyl-phenylether	0.238	0.245		2.9	
Hexachlorobenzene	0.249	0.246		-1.2	
Atrazine	0.194	0.204		5.2	
Pentachlorophenol	0.147	0.128		-12.9	20.0
Phenanthrene	1.062	1.054		-0.8	
Anthracene	1.083	1.085		0.2	
Carbazole	0.946	0.944		-0.2	
Di-n-butylphthalate	1.070	1.178		10.1	
Fluoranthene	0.975	1.012		3.8	20.0
Pyrene	1.707	1.555		-8.9	
Terphenyl-d14	1.344	1.214		-9.7	
Butylbenzylphthalate	0.523	0.618		18.2	
3,3-Dichlorobenzidine	0.446	0.468		4.9	
Benzo(a)anthracene	1.339	1.306		-2.5	
Chrysene	1.204	1.231		2.2	
Bis(2-ethylhexyl)phthalate	0.791	0.877		10.9	
Di-n-octyl phthalate	1.434	1.478		3.1	20.0
Benzo(b)fluoranthene	1.222	1.160		-5.1	
Benzo(k)fluoranthene	1.090	1.056		-3.1	
Benzo(a)pyrene	1.126	1.108		-1.6	20.0
Indeno(1,2,3-cd)pyrene	1.410	1.401		-0.6	
Dibenzo(a,h)anthracene	1.148	1.123		-2.2	
Benzo(g,h,i)perylene	1.110	1.130		1.8	
1,2,4,5-Tetrachlorobenzene	0.577	0.599		3.8	
1,4-Dioxane	0.598	0.622		4.0	20.0
2,3,4,6-Tetrachlorophenol	0.331	0.312		-5.7	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 14:51:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC1

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	122191	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	459211	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	223785	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	329577	20.000	ng	0.00
76) Chrysene-d12	14.121	240	248990	20.000	ng	0.00
86) Perylene-d12	15.627	264	305770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	588473	76.212	ng	0.00
7) Phenol-d6	6.581	99	762412	78.445	ng	0.00
23) Nitrobenzene-d5	7.510	82	499142	54.182	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	171555	74.208	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	895306	54.715	ng	-0.01
79) Terphenyl-d14	13.063	244	678390	40.545	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.504	178	85471	4.884	ng	99
75) Fluoranthene	12.692	202	198382	12.351	ng	98
78) Pyrene	12.921	202	224892	10.583	ng	99
81) Benzo(a)anthracene	14.110	228	133660	8.018	ng	95
83) Chrysene	14.145	228	127769	8.525	ng	96
87) Indeno(1,2,3-cd)pyrene	17.156	276	95547	4.431	ng	97
88) Benzo(b)fluoranthene	15.180	252	186338m	9.975	ng	
89) Benzo(k)fluoranthene	15.198	252	64965m	3.897	ng	
90) Benzo(a)pyrene	15.557	252	144421	8.391	ng	97
92) Benzo(g,h,i)perylene	17.621	276	89630	5.280	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

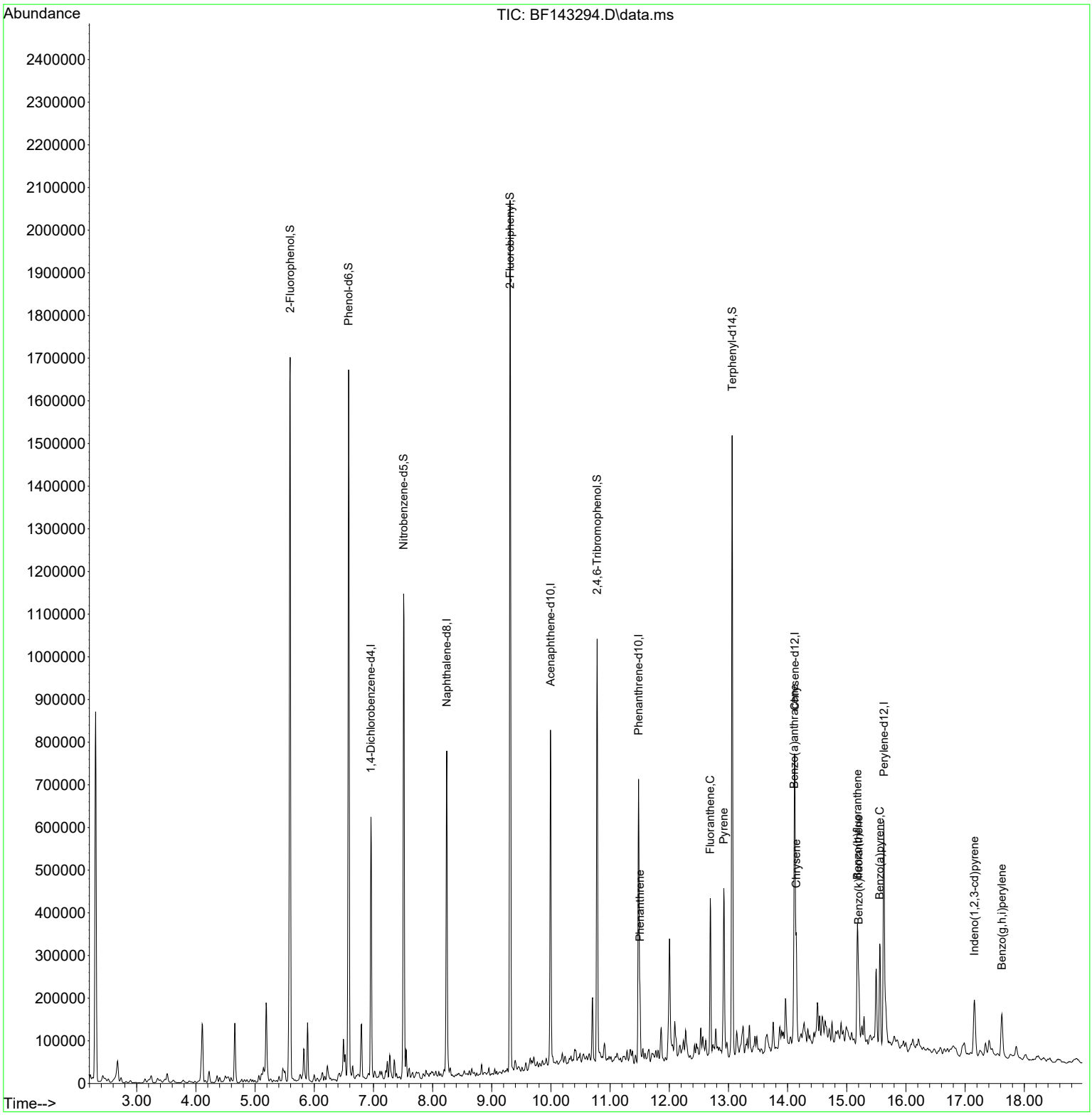
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

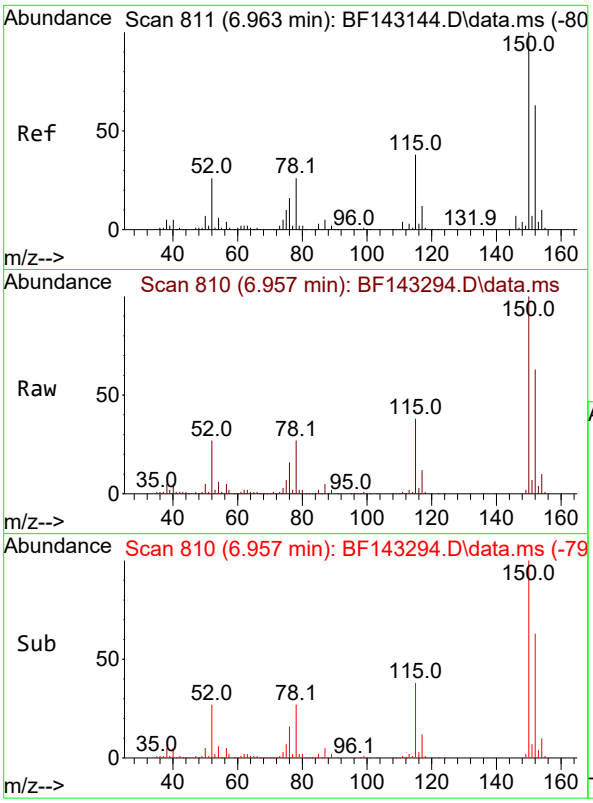
Quant Time: Aug 04 14:51:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

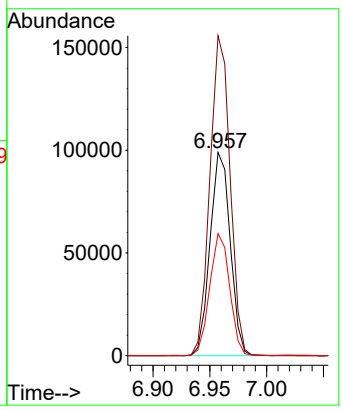




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

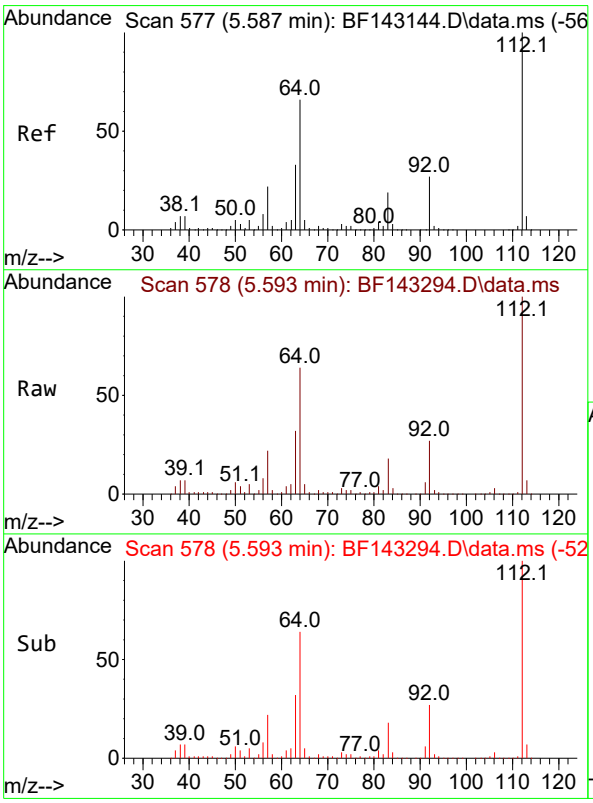
Tgt Ion:152 Resp: 12219

Ion	Ratio	Lower	Upper
152	100		
150	157.5	128.2	192.4
115	60.1	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
WC1

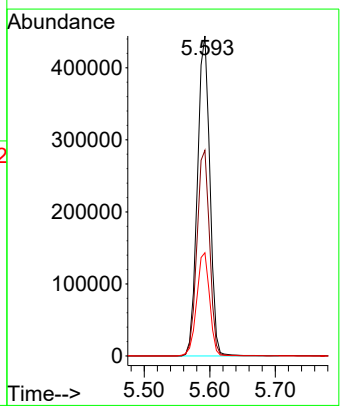
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

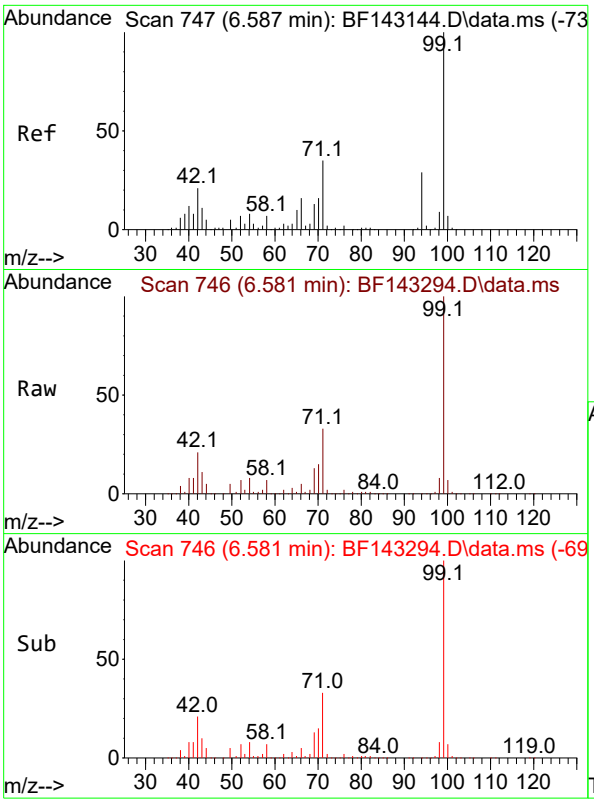


#5
2-Fluorophenol
Concen: 76.212 ng
RT: 5.593 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:112 Resp: 588473

Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.1	79.7
63	32.2	26.6	40.0

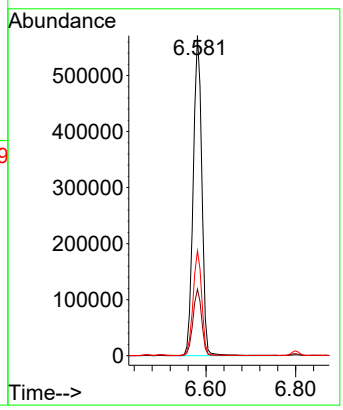




#7
Phenol-d6
Concen: 78.445 ng
RT: 6.581 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion: 99 Resp: 76241

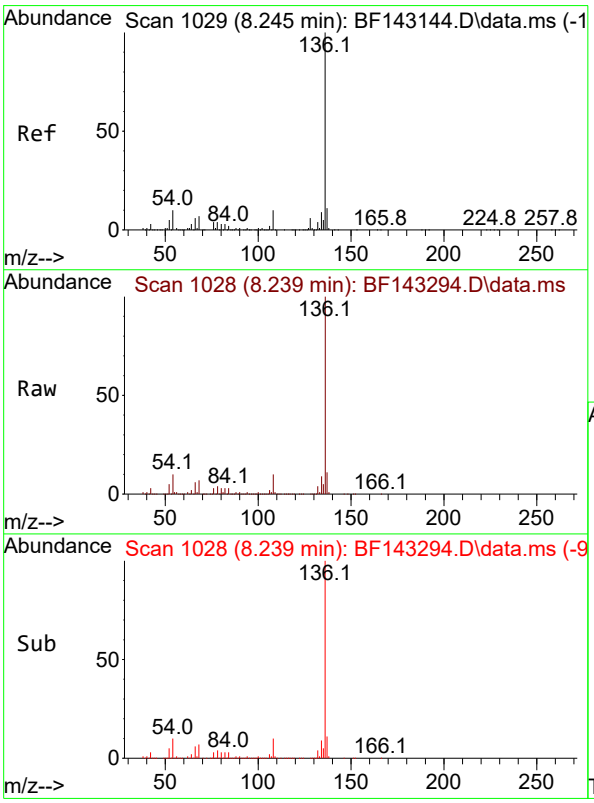
Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.0	25.6
71	32.8	27.7	41.5



Instrument :
BNA_F
ClientSampleId :
WC1

Manual Integrations
APPROVED

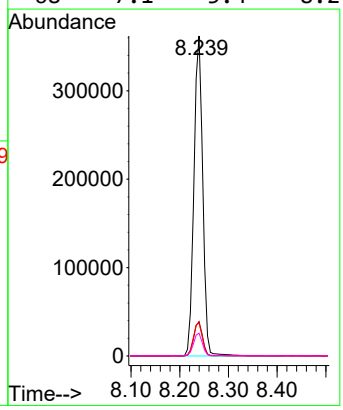
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

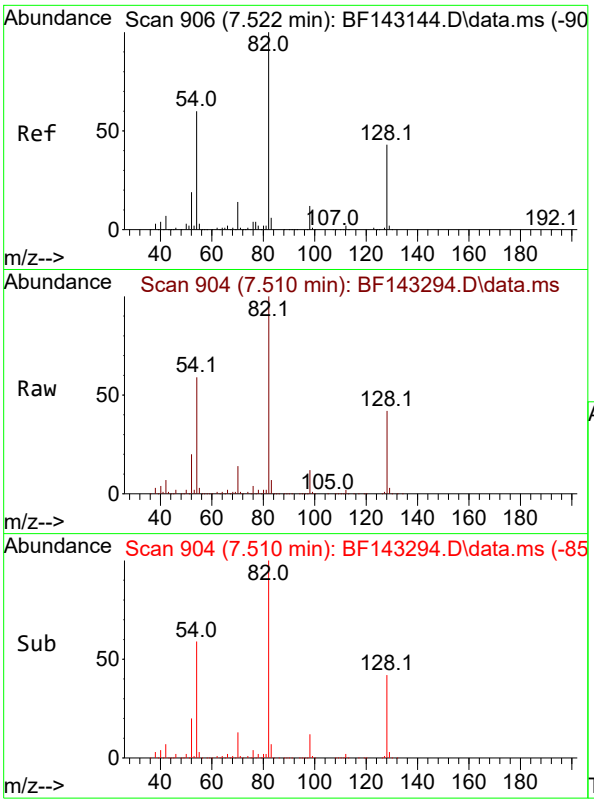


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:136 Resp: 459211

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.3	8.2	12.2
68	7.1	5.4	8.2

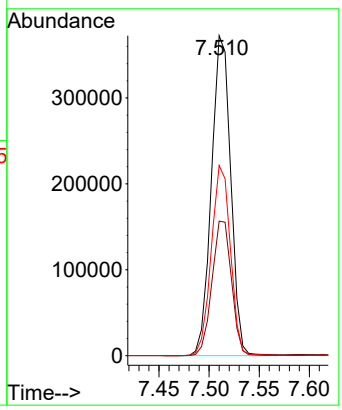




#23
Nitrobenzene-d5
Concen: 54.182 ng
RT: 7.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion: 82 Resp: 49914

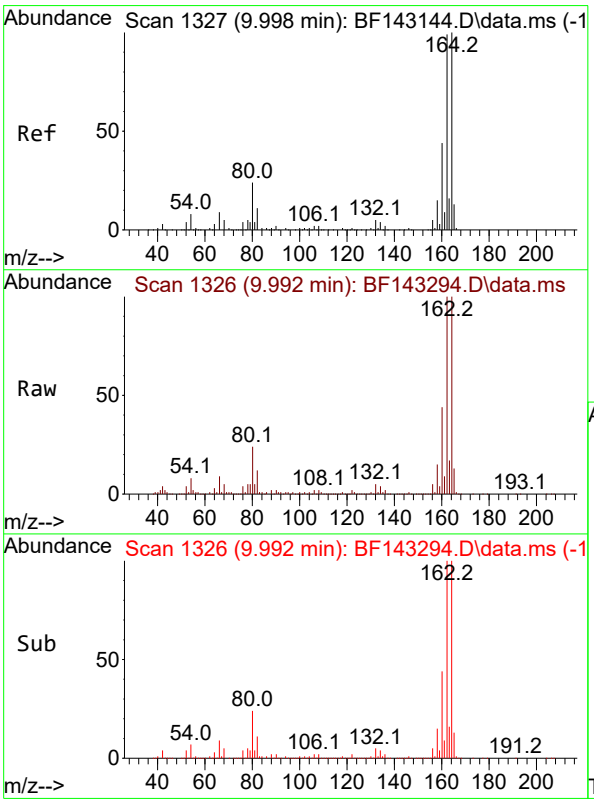
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.6	50.4
54	59.5	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
WC1

Manual Integrations
APPROVED

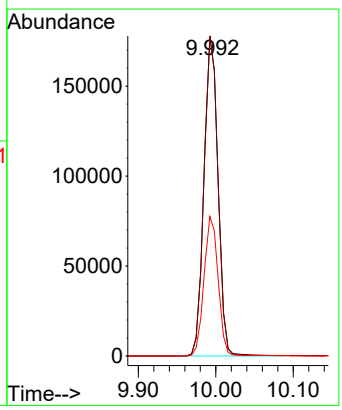
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

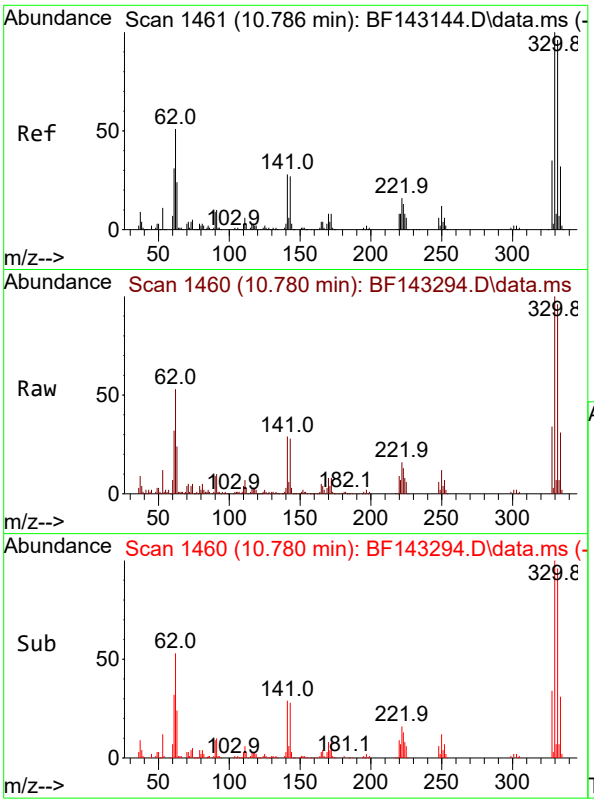


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:164 Resp: 223785

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.0	118.6
160	43.6	35.1	52.7

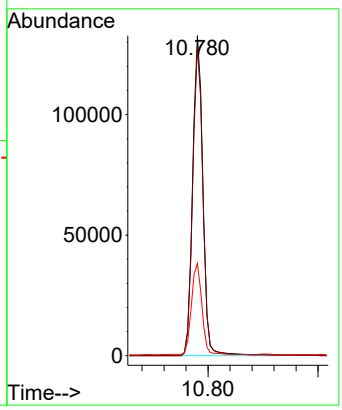




#42
2,4,6-Tribromophenol
Concen: 74.208 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:330 Resp: 17155

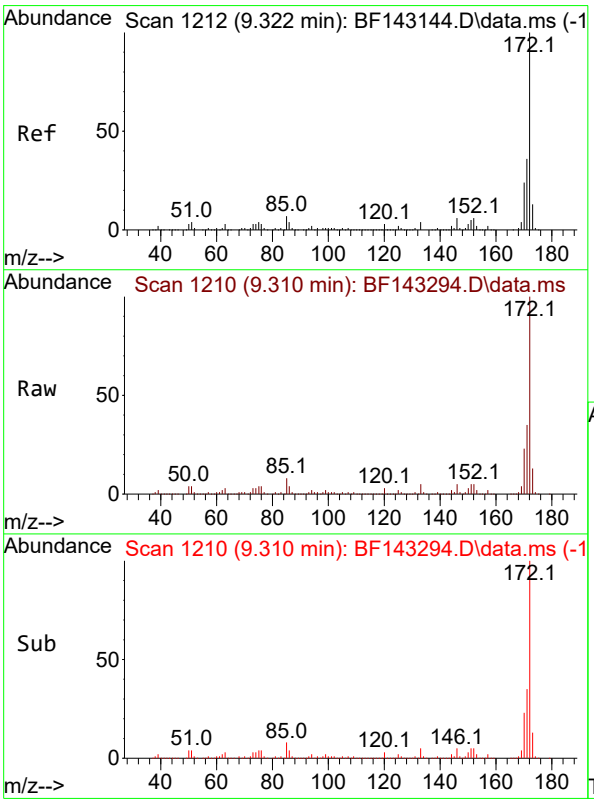
Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	29.1	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
WC1

Manual Integrations
APPROVED

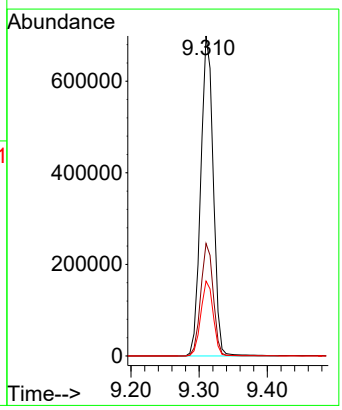
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

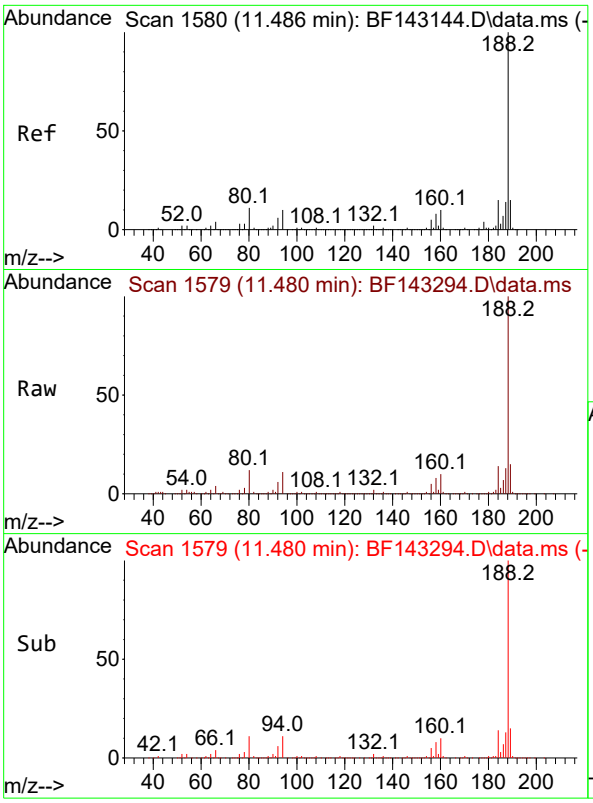


#45
2-Fluorobiphenyl
Concen: 54.715 ng
RT: 9.310 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:172 Resp: 895306

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.4	18.8	28.2

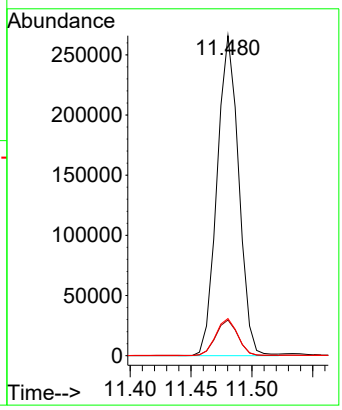




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:188 Resp: 32957

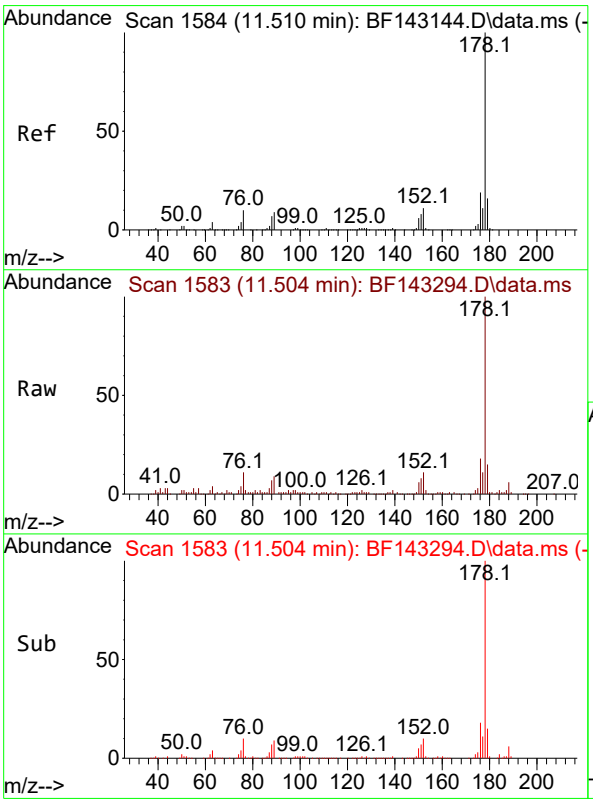
Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.3	12.5
80	11.6	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
WC1

Manual Integrations
APPROVED

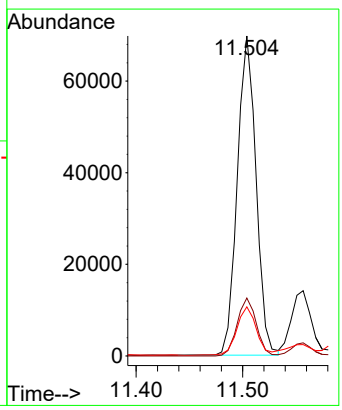
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

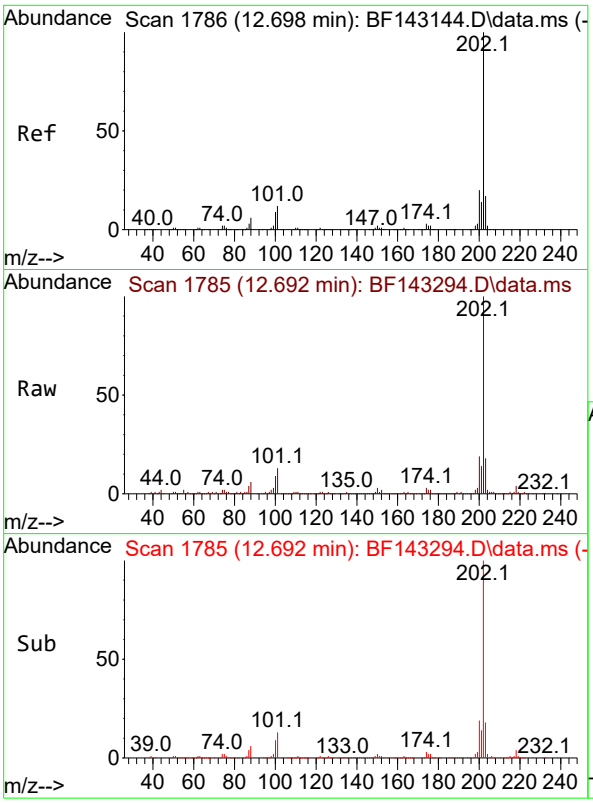


#71
Phenanthrene
Concen: 4.884 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:178 Resp: 85471

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	15.4	12.5	18.7

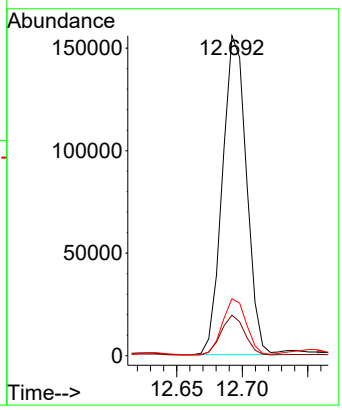




#75
Fluoranthene
Concen: 12.351 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:202 Resp: 19838

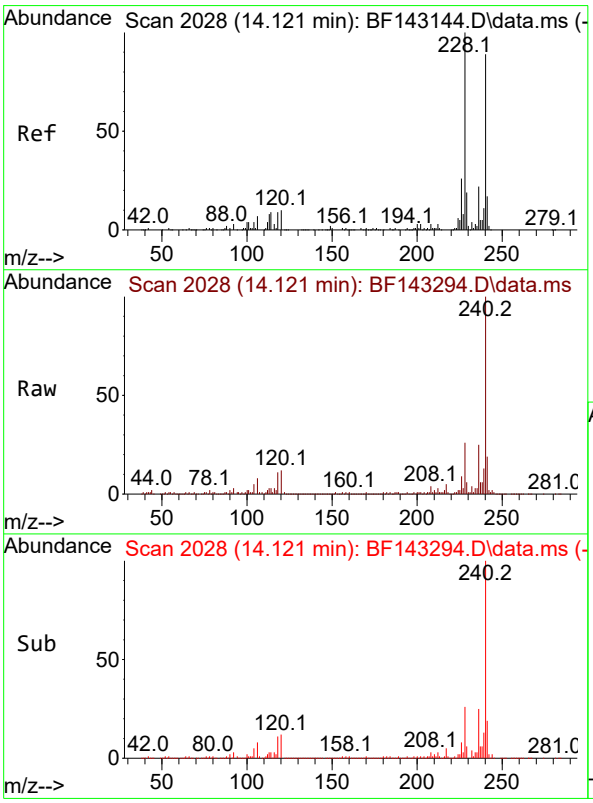
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.7
203	17.8	0.0	37.4



Instrument :
BNA_F
ClientSampleId :
WC1

Manual Integrations APPROVED

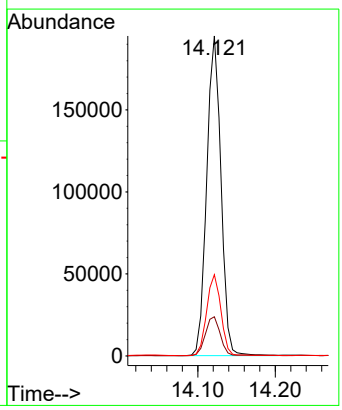
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

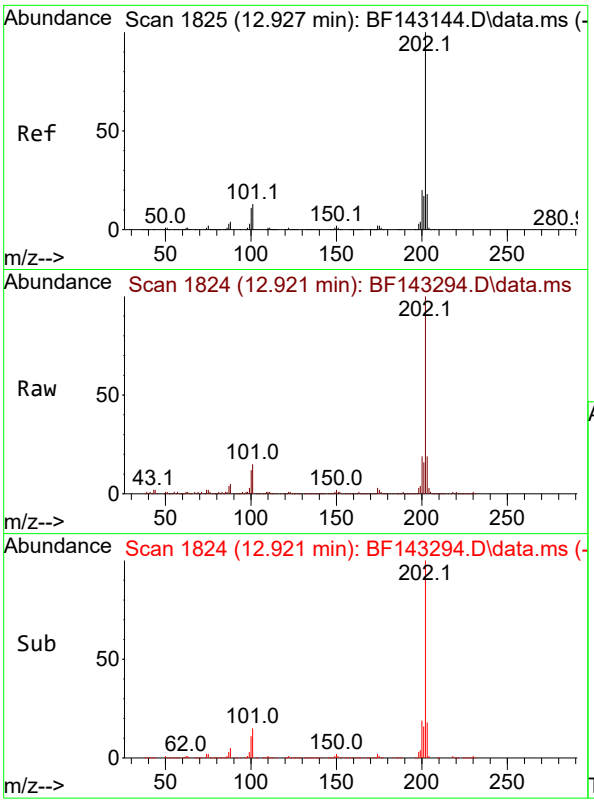


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:240 Resp: 248990

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.4	14.2
236	25.4	20.2	30.4

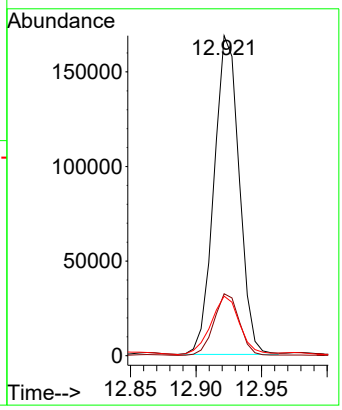




#78
Pyrene
Concen: 10.583 ng
RT: 12.921 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

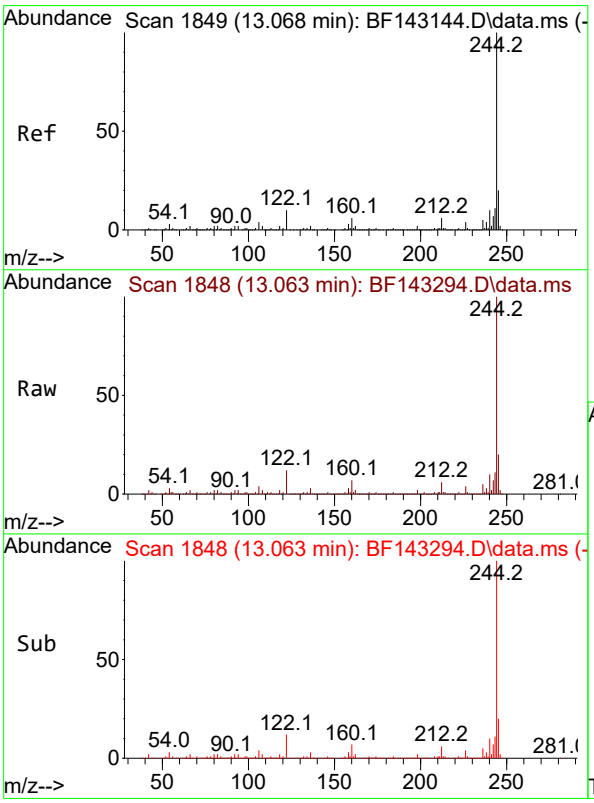
Tgt Ion:202 Resp: 22489

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.7	23.5
203	18.6	14.2	21.2



Instrument :
BNA_F
ClientSampleId :
WC1

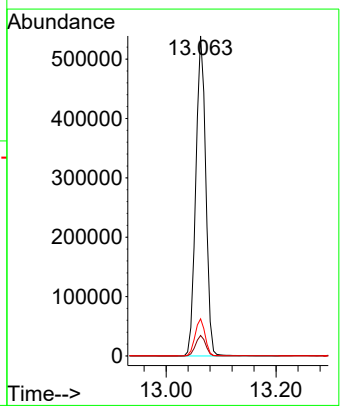
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

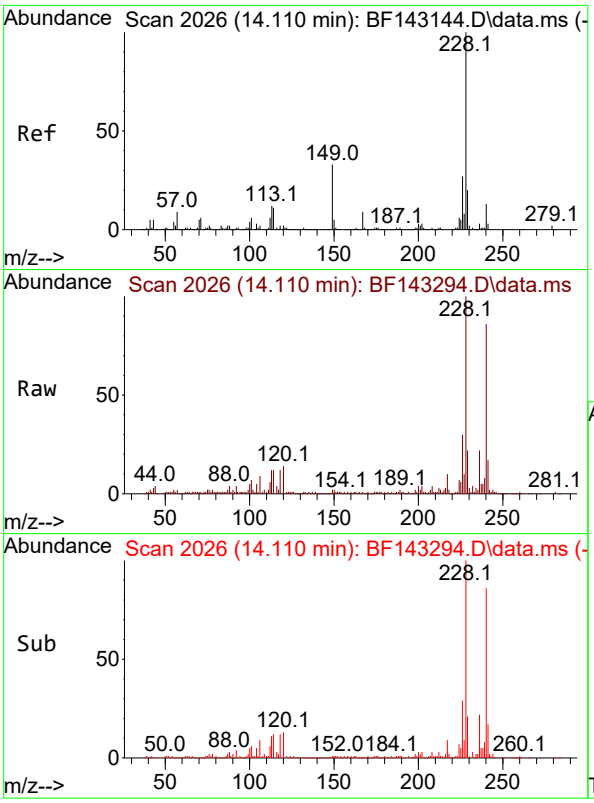


#79
Terphenyl-d14
Concen: 40.545 ng
RT: 13.063 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:244 Resp: 678390

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	11.6	8.2	12.2

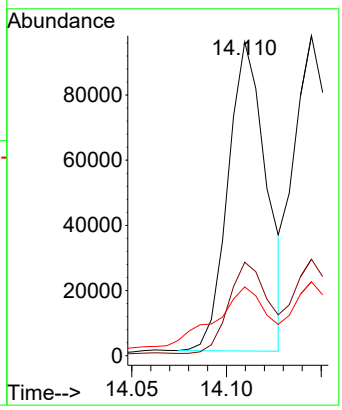




#81
Benzo(a)anthracene
Concen: 8.018 ng
RT: 14.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:228 Resp: 13366

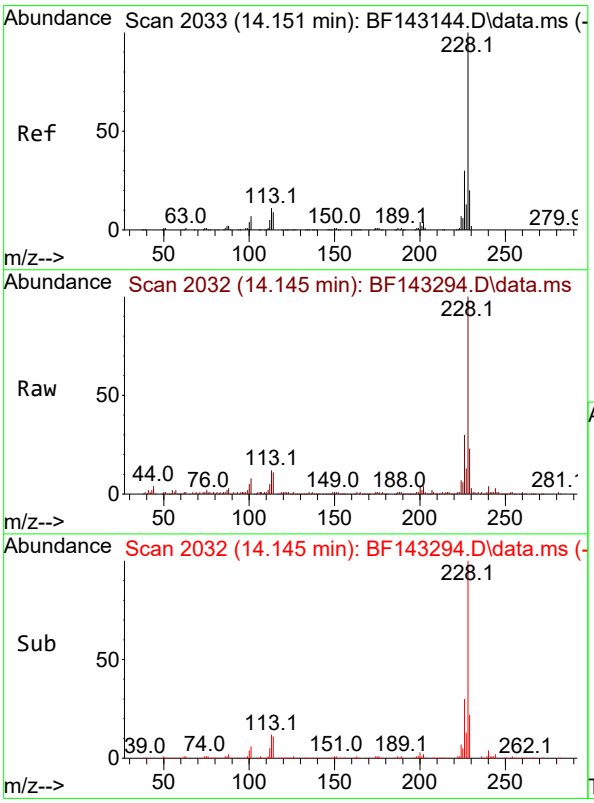
Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.7	32.5
229	21.9	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
WC1

Manual Integrations
APPROVED

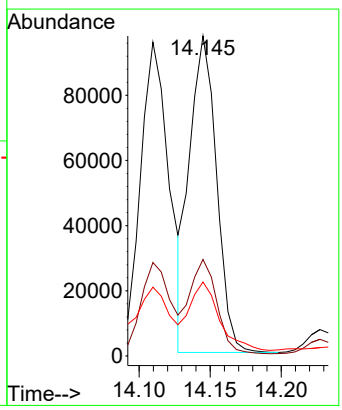
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

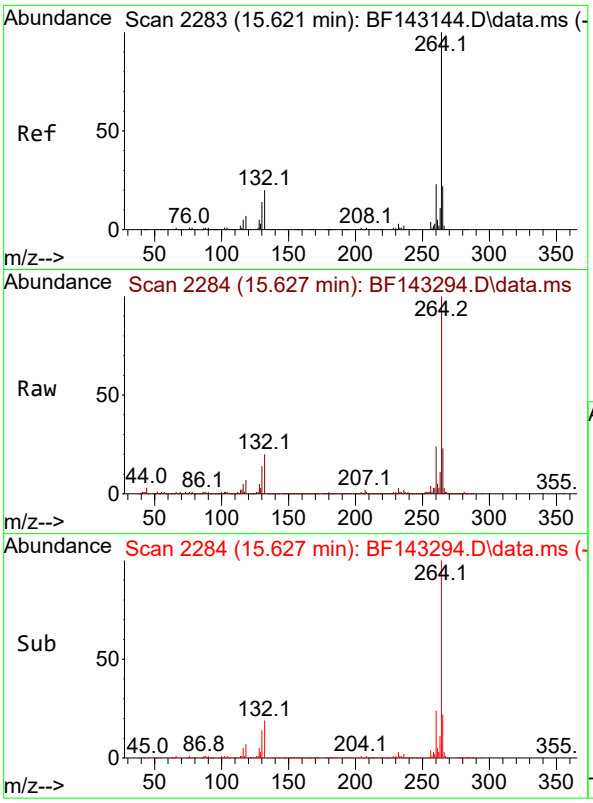


#83
Chrysene
Concen: 8.525 ng
RT: 14.145 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:228 Resp: 127769

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	23.1	15.6	23.4

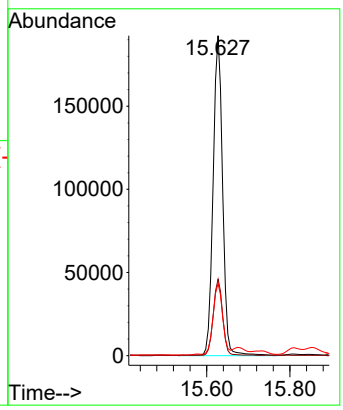




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

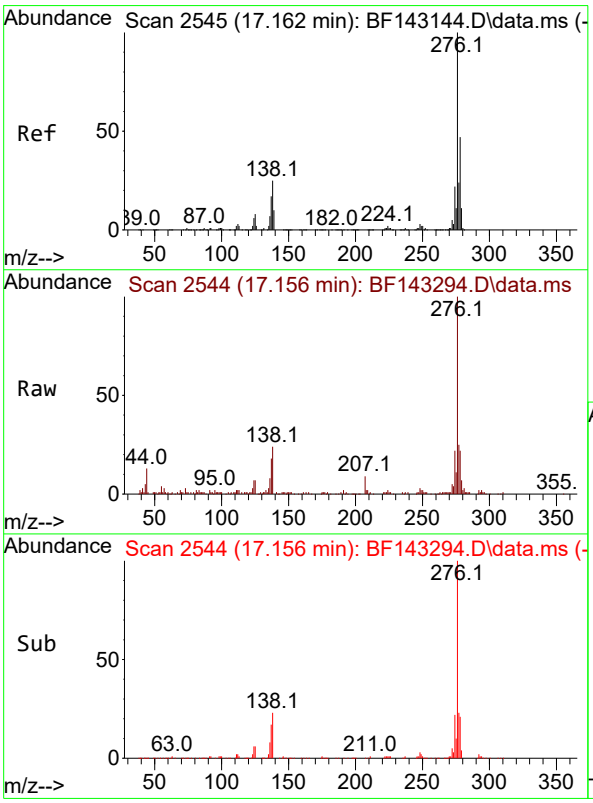
Tgt Ion:264 Resp: 30577

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	22.6	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
WC1

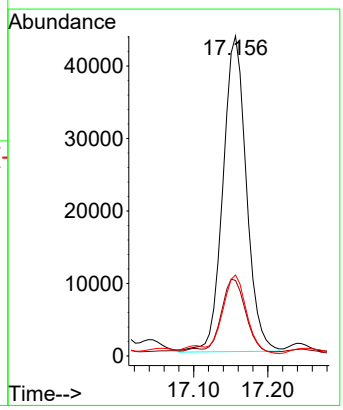
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

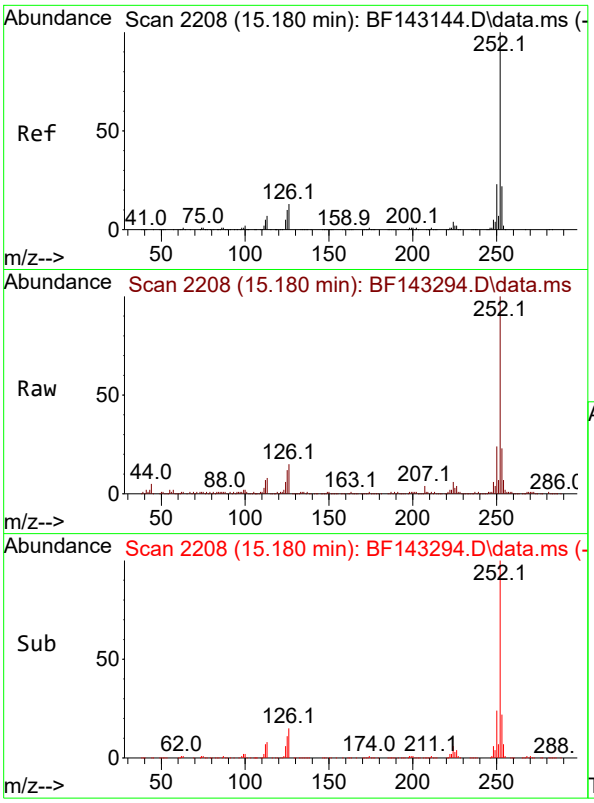


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.431 ng
RT: 17.156 min Scan# 2544
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:276 Resp: 95547

Ion	Ratio	Lower	Upper
276	100		
138	24.0	21.8	32.6
277	25.2	20.0	30.0

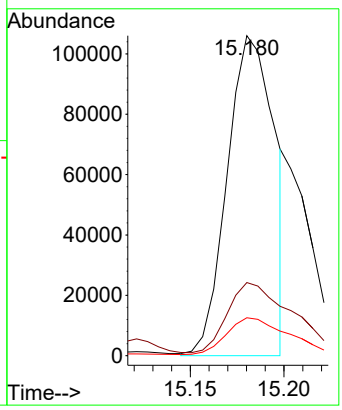




#88
Benzo(b)fluoranthene
Concen: 9.975 ng m
RT: 15.180 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

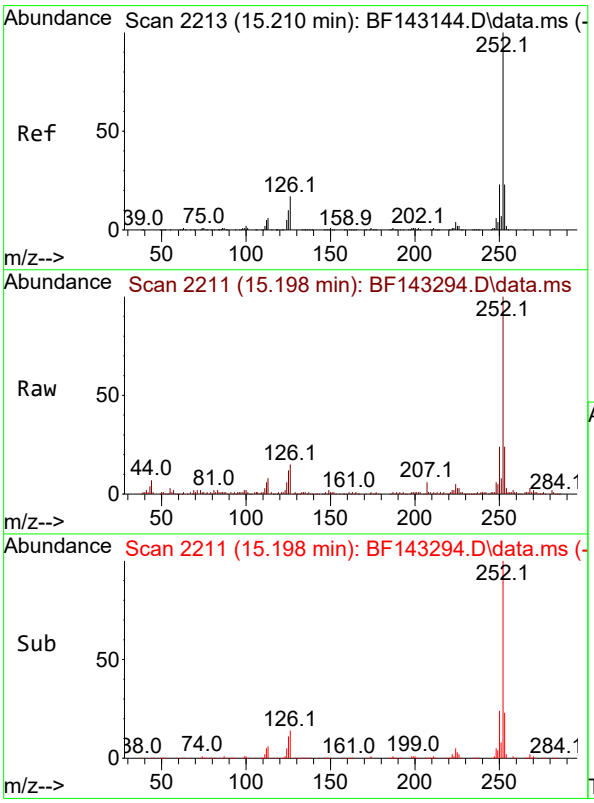
Tgt Ion:252 Resp: 18633

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	11.8	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
WC1

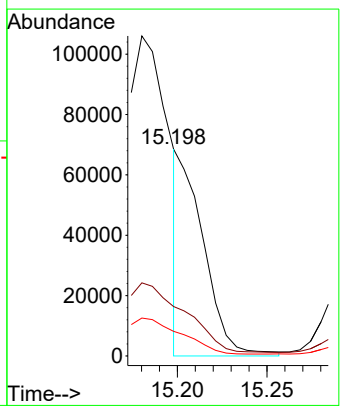
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

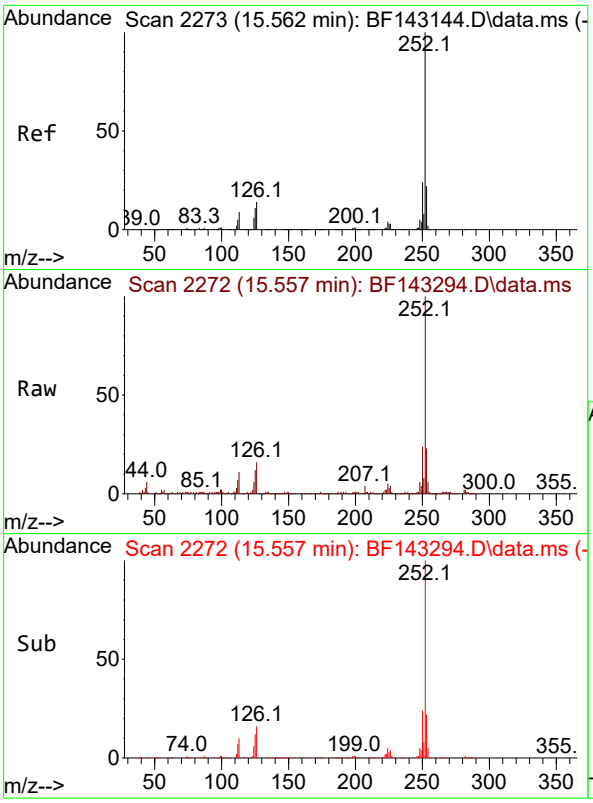


#89
Benzo(k)fluoranthene
Concen: 3.897 ng m
RT: 15.198 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:252 Resp: 64965

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	11.9	8.1	12.1

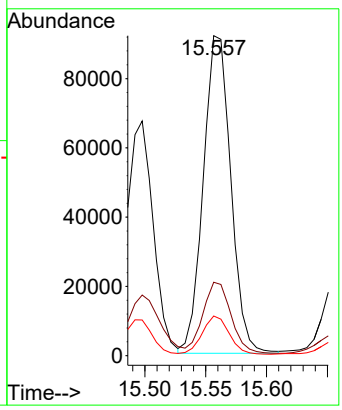




#90
Benzo(a)pyrene
Concen: 8.391 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

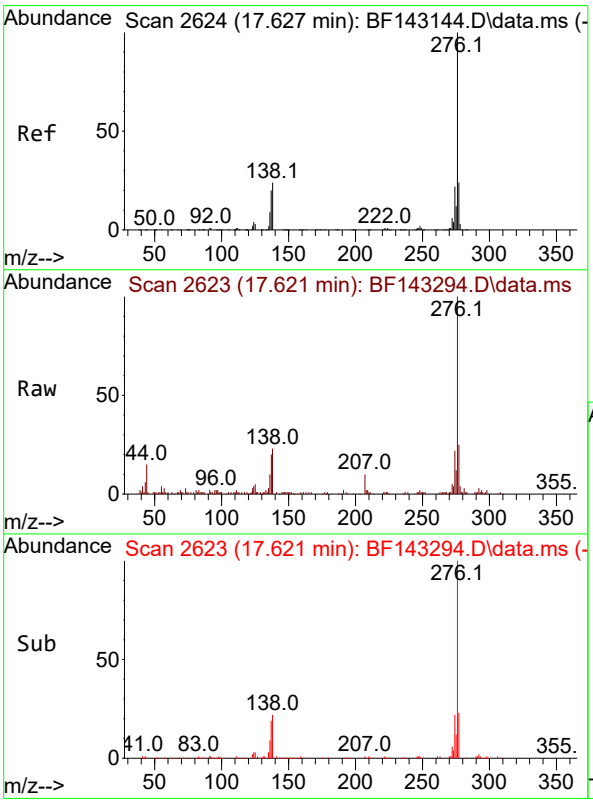
Tgt Ion:252 Resp: 14442

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	12.4	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
WC1

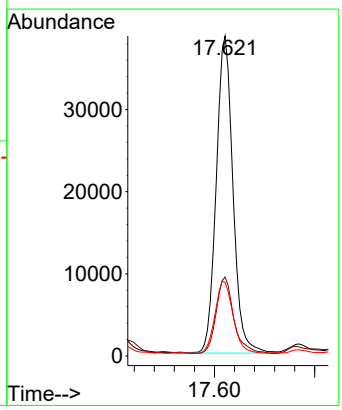
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025



#92
Benzo(g,h,i)perylene
Concen: 5.280 ng
RT: 17.621 min Scan# 2623
Delta R.T. -0.006 min
Lab File: BF143294.D
Acq: 04 Aug 2025 14:10

Tgt Ion:276 Resp: 89630

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.1	28.7
138	23.1	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143294.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.305	12	19	27	rVB	866609	1371355	53.09%	4.855%
2	2.428	32	40	44	rBV4	13448	29865	1.16%	0.106%
3	2.675	62	82	88	rBV	50627	138132	5.35%	0.489%
4	3.246	174	179	188	rVB	16494	34705	1.34%	0.123%
5	3.516	220	225	235	rVB	20276	40029	1.55%	0.142%
6	4.104	317	325	331	rVB2	135395	253249	9.80%	0.897%
7	4.222	339	345	352	rVB	25817	44434	1.72%	0.157%
8	4.357	358	368	372	rBV4	16286	31741	1.23%	0.112%
9	4.498	384	392	395	rBV4	13436	26483	1.03%	0.094%
10	4.546	395	400	405	rVB5	10770	25888	1.00%	0.092%
11	4.657	413	419	429	rVB	139965	217882	8.43%	0.771%
12	5.110	492	496	498	rVV	18575	31596	1.22%	0.112%
13	5.140	498	501	504	rVV	32188	55296	2.14%	0.196%
14	5.187	504	509	517	rVB	183534	307833	11.92%	1.090%
15	5.469	552	557	562	rBV2	28333	64440	2.49%	0.228%
16	5.593	569	578	583	rBV	1696654	2479748	95.99%	8.780%
17	5.822	610	617	624	rVV	73935	126408	4.89%	0.448%
18	5.887	624	628	640	rVB	139594	185175	7.17%	0.656%
19	5.998	640	647	652	rBV4	16738	30208	1.17%	0.107%
20	6.140	661	671	674	rBV4	20944	42893	1.66%	0.152%
21	6.222	680	685	692	rBV5	31926	58694	2.27%	0.208%
22	6.422	712	719	722	rBV3	18773	45152	1.75%	0.160%
23	6.492	723	731	734	rVV2	96902	170894	6.62%	0.605%
24	6.522	734	736	740	rVV	60119	73642	2.85%	0.261%
25	6.581	740	746	751	rVV	1663558	2270175	87.88%	8.038%
26	6.651	754	758	764	rVB	29735	44879	1.74%	0.159%
27	6.798	777	783	789	rVB3	124188	189372	7.33%	0.670%
28	6.957	805	810	817	rVV	612410	775070	30.00%	2.744%
29	7.022	817	821	828	rVV2	15611	26102	1.01%	0.092%
30	7.234	854	857	860	rVB	36550	41773	1.62%	0.148%
31	7.275	860	864	873	rVB2	53417	83632	3.24%	0.296%
32	7.351	873	877	881	rBV2	42093	57085	2.21%	0.202%
33	7.510	896	904	909	rBV	1137442	1582358	61.25%	5.603%
34	7.551	909	911	915	rVV	64701	75914	2.94%	0.269%
35	7.604	915	920	924	rVB4	21252	34102	1.32%	0.121%
36	8.239	1022	1028	1035	rVV	761915	1058499	40.97%	3.748%

Sample Results: **BF143294.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.534	1072	1078	1084	rBV8	12779	27901	1.08%	0.099%
38	8.828	1124	1128	1132	rVB2	23237	27252	1.05%	0.096%
39	9.310	1205	1210	1215	rBV	2042907	2583318	100.00%	9.147%
40	9.398	1220	1225	1230	rVV2	22266	38764	1.50%	0.137%
41	9.575	1251	1255	1260	rVB	18133	28089	1.09%	0.099%
42	9.651	1261	1268	1270	rBV3	27452	51083	1.98%	0.181%
43	9.992	1319	1326	1331	rBV	784993	1015990	39.33%	3.597%
44	10.192	1357	1360	1364	rVB2	21414	27577	1.07%	0.098%
45	10.404	1392	1396	1398	rBV	25529	40467	1.57%	0.143%
46	10.704	1442	1447	1455	rVB	149111	205032	7.94%	0.726%
47	10.780	1455	1460	1467	rBV	989463	1294109	50.09%	4.582%
48	10.904	1477	1481	1487	rVB3	39481	71047	2.75%	0.252%
49	11.286	1543	1546	1550	rVB2	23407	28793	1.11%	0.102%
50	11.339	1552	1555	1559	rBV3	19893	29673	1.15%	0.105%
51	11.480	1574	1579	1588	rBV2	663355	1043420	40.39%	3.694%
52	11.557	1589	1592	1595	rVB	22896	27316	1.06%	0.097%
53	11.863	1639	1644	1652	rVB3	78614	128988	4.99%	0.457%
54	12.004	1660	1668	1675	rBV3	283797	558830	21.63%	1.979%
55	12.092	1679	1683	1691	rVB2	82083	165128	6.39%	0.585%
56	12.274	1711	1714	1725	rVB3	63551	122322	4.74%	0.433%
57	12.533	1754	1758	1761	rBV	60589	81609	3.16%	0.289%
58	12.569	1761	1764	1769	rVV2	36914	57845	2.24%	0.205%
59	12.616	1769	1772	1777	rVB2	35119	49302	1.91%	0.175%
60	12.692	1781	1785	1790	rBV	364192	464169	17.97%	1.643%
61	12.739	1790	1793	1798	rBV2	15039	26387	1.02%	0.093%
62	12.786	1798	1801	1804	rBV	47256	51614	2.00%	0.183%
63	12.921	1818	1824	1830	rBV	384502	584476	22.63%	2.069%
64	13.063	1842	1848	1856	rVB	1450967	1880668	72.80%	6.659%
65	13.139	1857	1861	1868	rBV3	51221	93782	3.63%	0.332%
66	13.292	1884	1887	1889	rBV3	19834	28173	1.09%	0.100%
67	13.357	1894	1898	1905	rVB2	62779	98547	3.81%	0.349%
68	13.480	1916	1919	1923	rVB3	30025	35074	1.36%	0.124%
69	13.651	1941	1948	1959	rBV5	39575	126279	4.89%	0.447%
70	13.757	1962	1966	1971	rVB	61986	92609	3.58%	0.328%
71	13.868	1981	1985	1988	rBV2	42131	67210	2.60%	0.238%
72	13.963	1998	2001	2011	rVB2	106115	179632	6.95%	0.636%
73	14.116	2021	2027	2039	rVB2	674113	1404813	54.38%	4.974%
74	14.339	2062	2065	2069	rBV3	28877	39913	1.55%	0.141%
75	14.504	2089	2093	2096	rBV	67184	84592	3.27%	0.300%
76	14.539	2096	2099	2103	rVB	45087	50236	1.94%	0.178%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.586	2103	2107	2112	rBV5	43683	81377	3.15%	0.288%
78	14.751	2131	2135	2141	rVB2	47139	66098	2.56%	0.234%
79	14.904	2158	2161	2164	rBV2	33472	41993	1.63%	0.149%
80	15.180	2203	2208	2217	rBV	276755	636578	24.64%	2.254%
81	15.292	2224	2227	2232	rVB	58645	77569	3.00%	0.275%
82	15.498	2257	2262	2267	rVB	170159	274250	10.62%	0.971%
83	15.557	2267	2272	2278	rVB	234228	359997	13.94%	1.275%
84	15.627	2278	2284	2297	rBV	523100	973902	37.70%	3.448%
85	17.156	2538	2544	2554	rVB2	131163	301377	11.67%	1.067%
86	17.404	2583	2586	2592	rVB2	21206	35024	1.36%	0.124%
87	17.621	2616	2623	2640	rVB	103592	258646	10.01%	0.916%

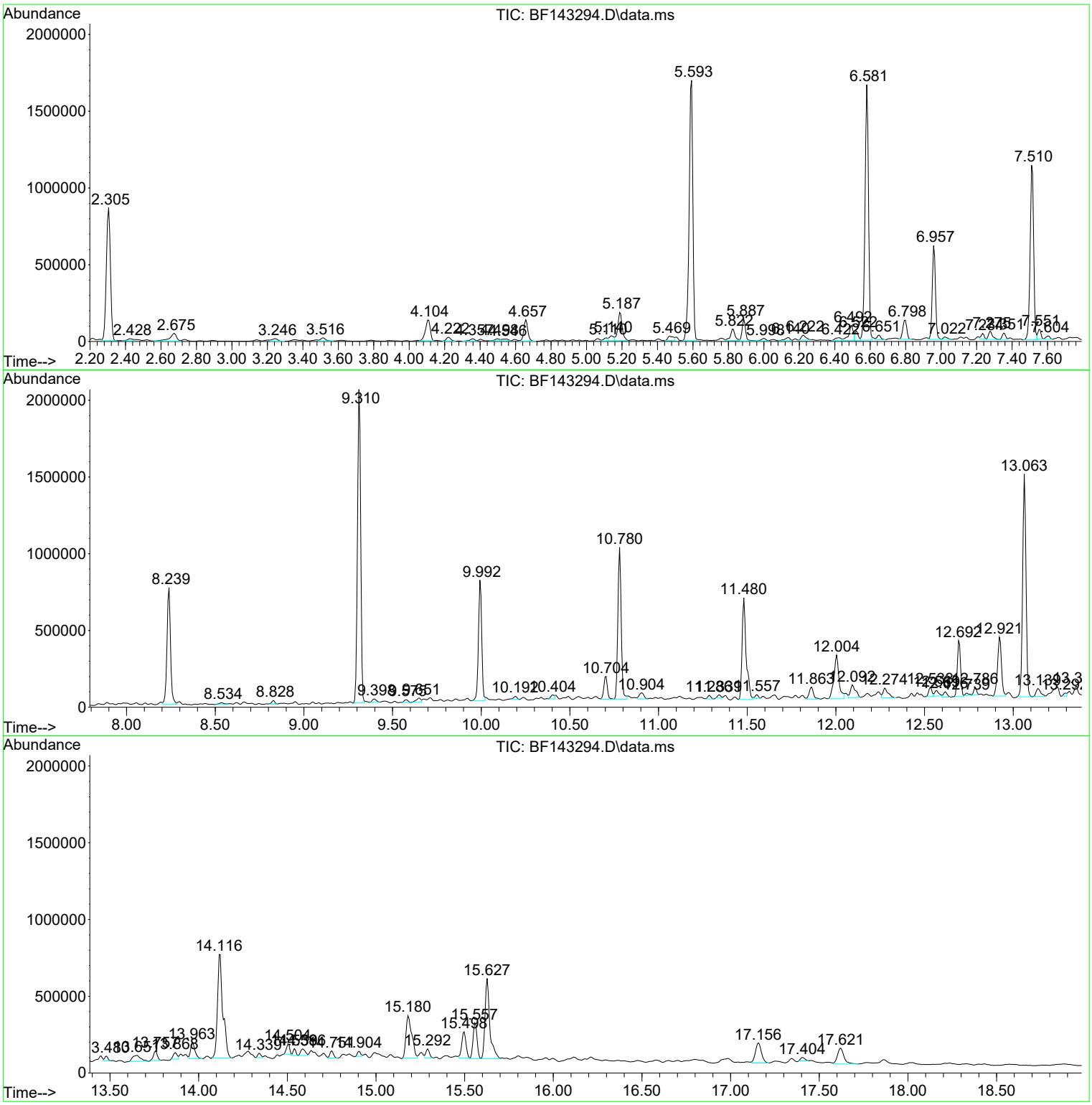
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Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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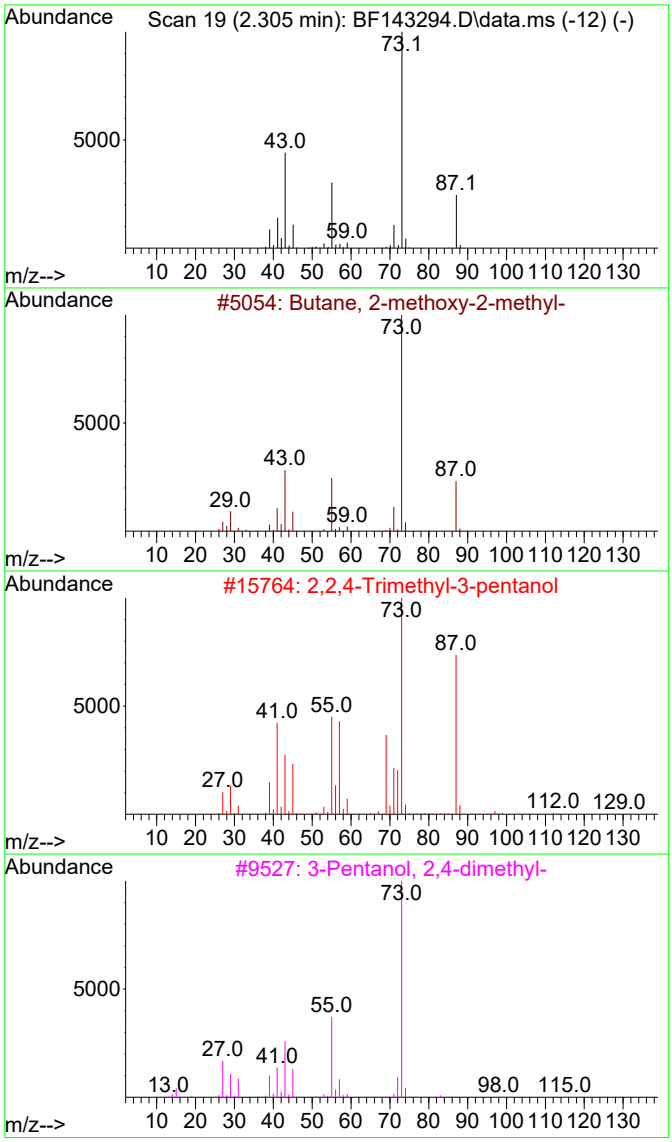
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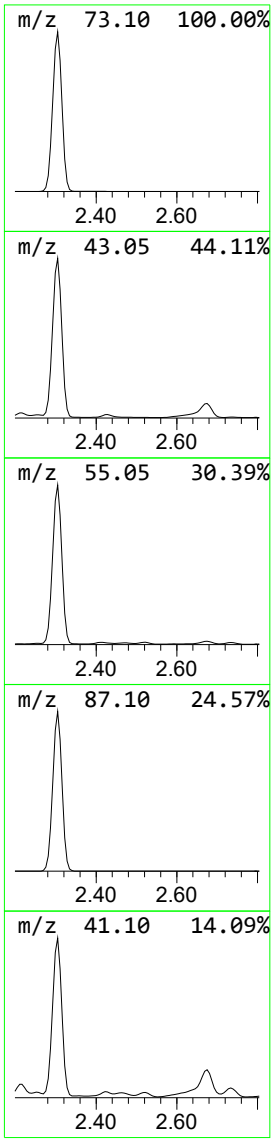
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.305	35.39 ng	1371360	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

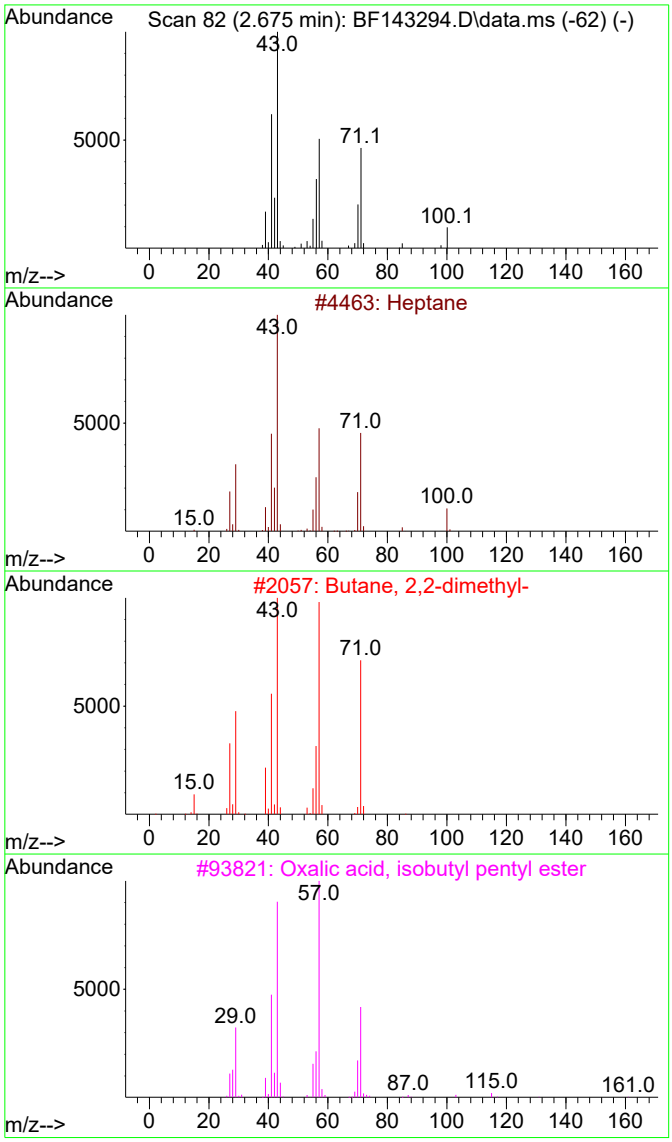
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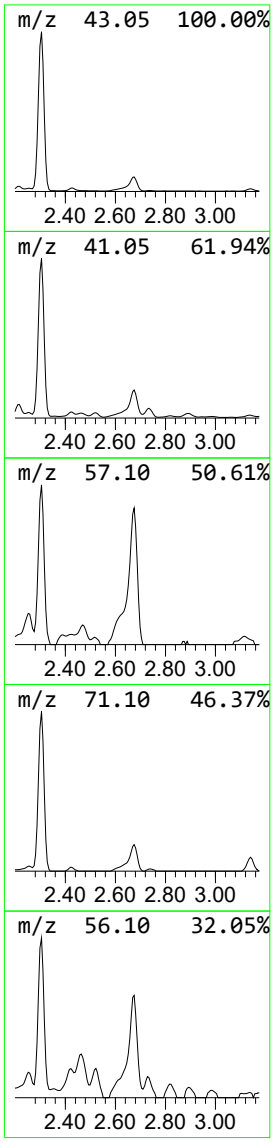
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Peak Number 2 Heptane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.675	3.56 ng	138132	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	42
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

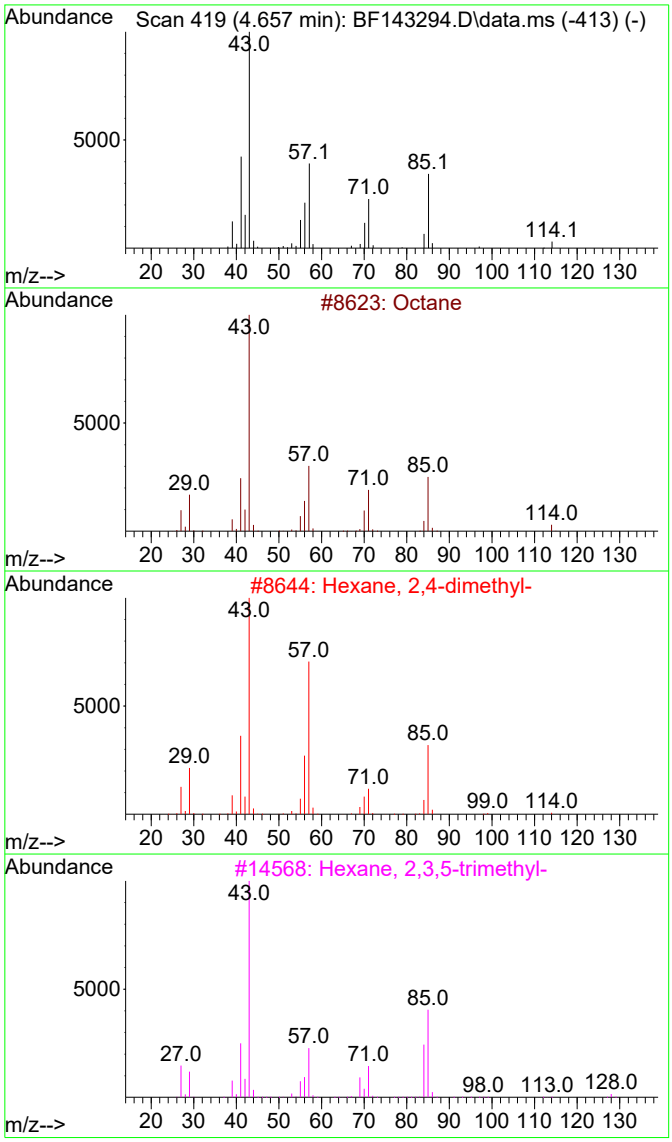
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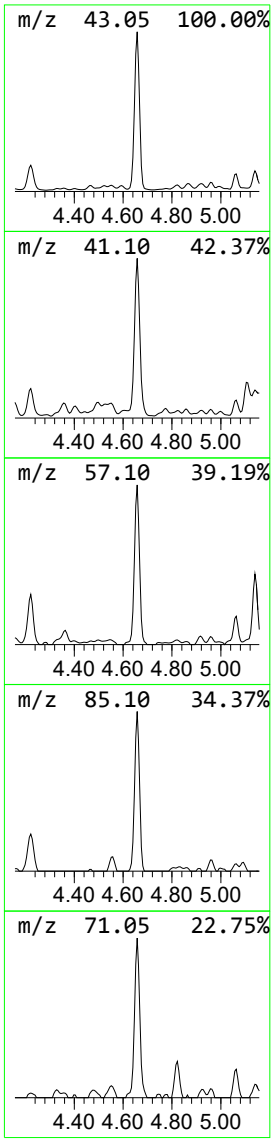
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Peak Number 4 Octane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.657	5.62 ng	217882	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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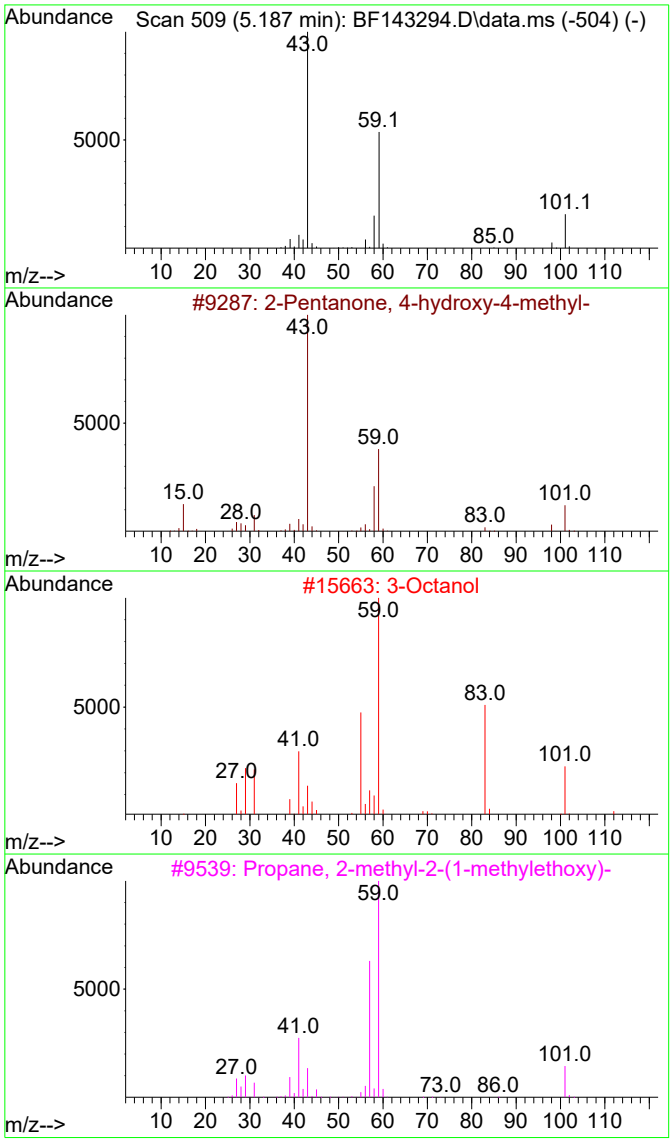
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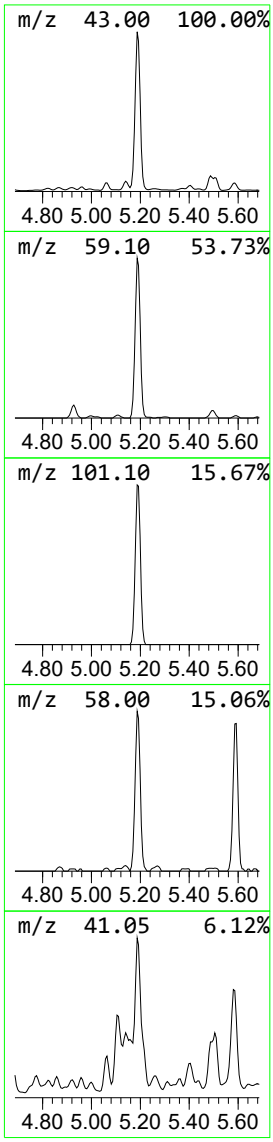
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TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	7.94 ng	307833	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Octanol	130	C8H18O	000589-98-0	36
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

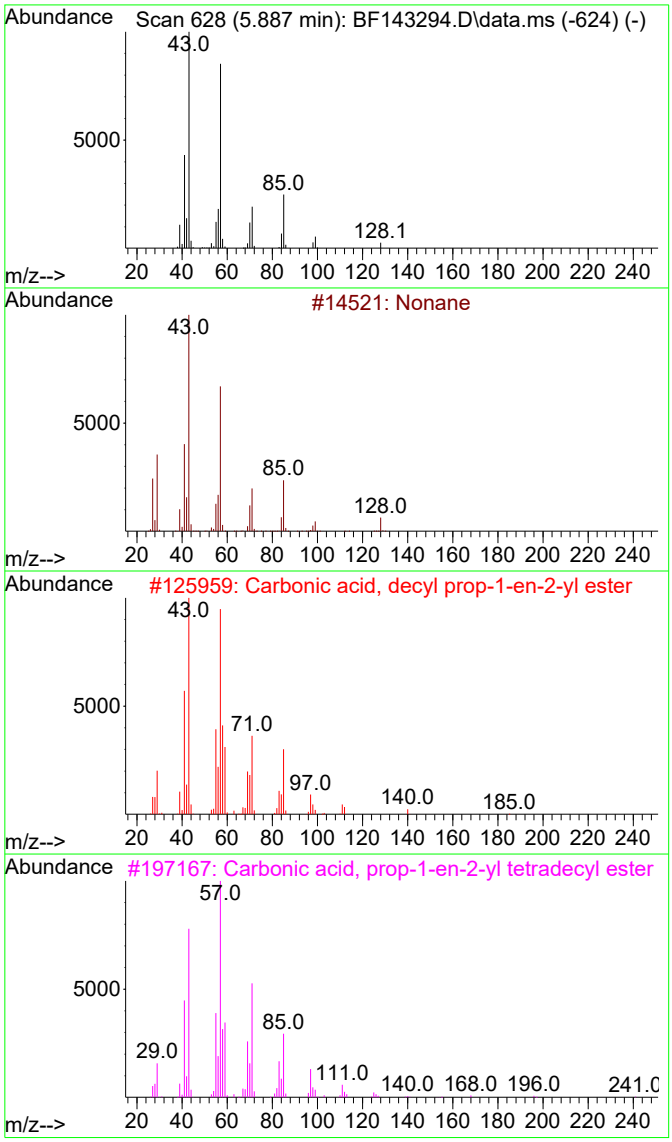
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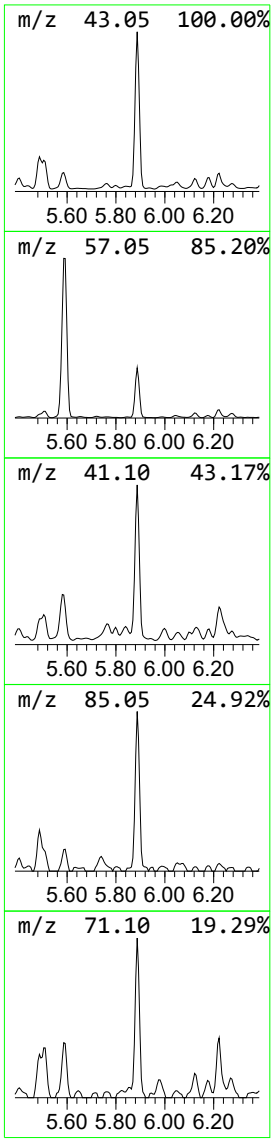
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Peak Number 7 Nonane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.887	4.78 ng	185175	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	72
3	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	72
4	Octane	114	C8H18	000111-65-9	64
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

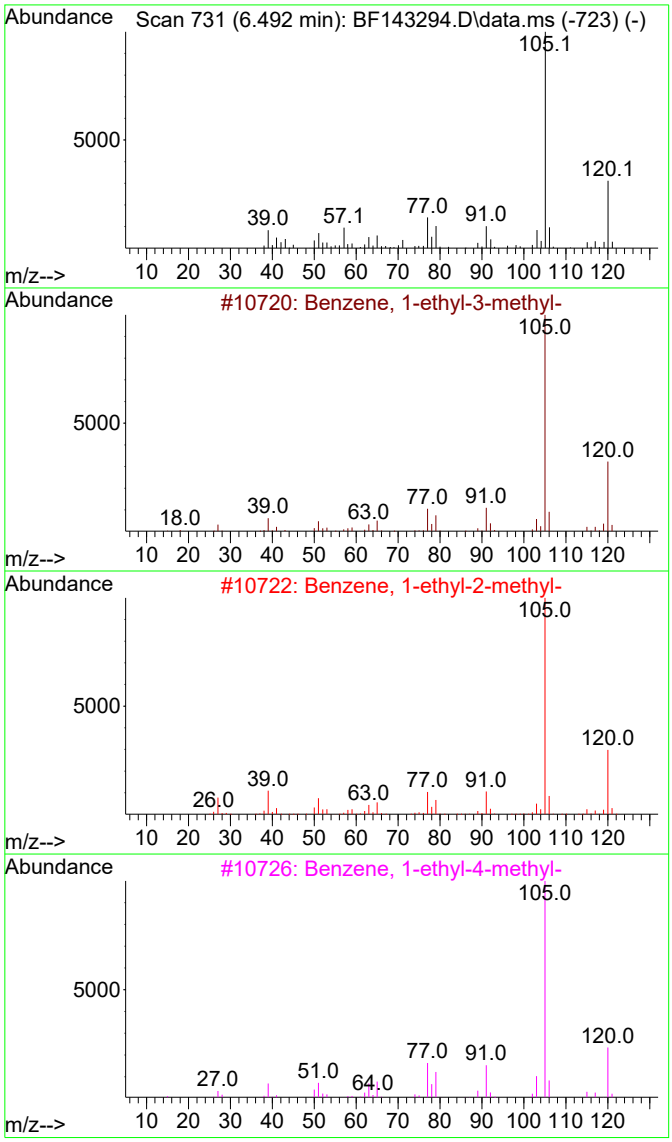
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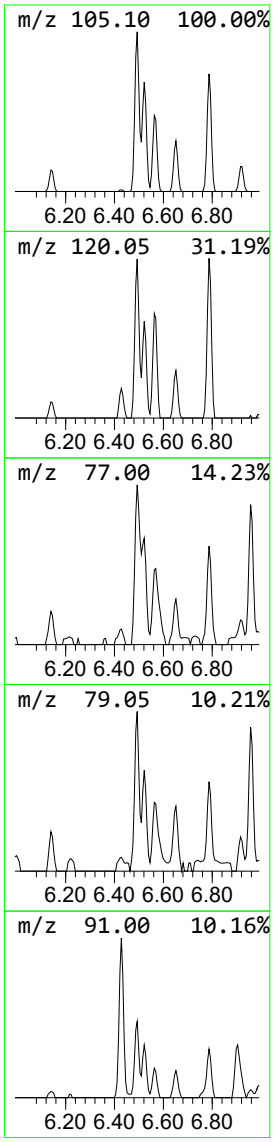
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Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.492	4.41 ng	170894	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

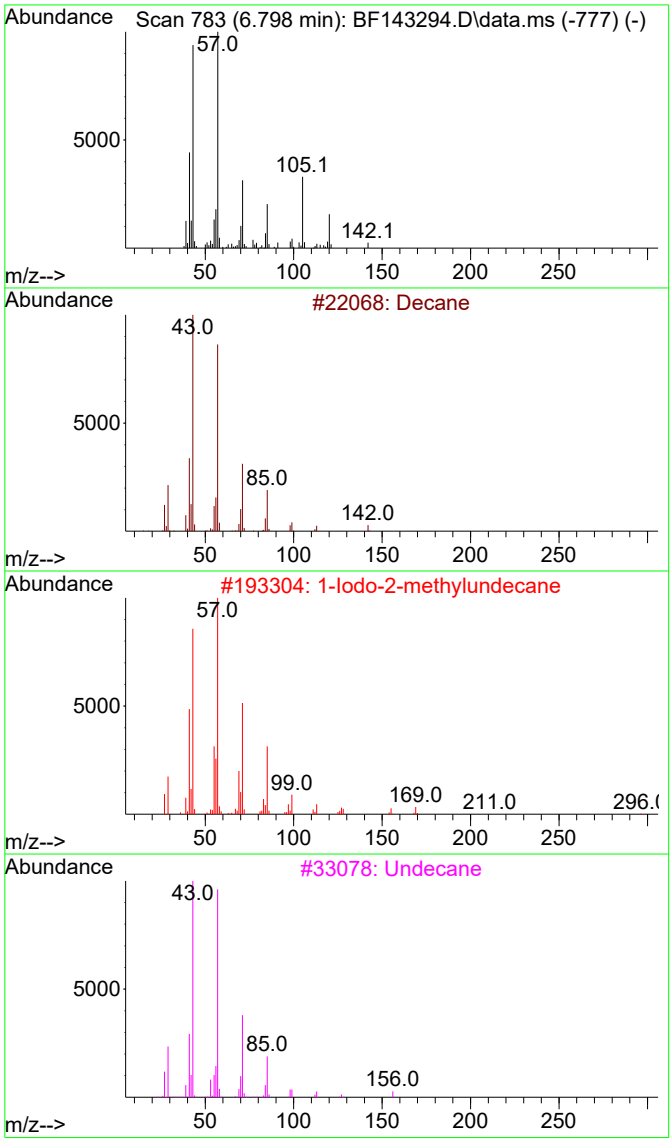
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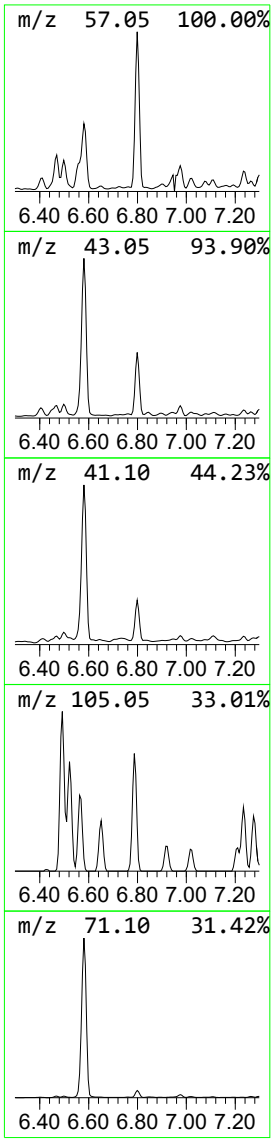
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Peak Number 9 Decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.798	4.89 ng	189372	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
3	Undecane	156	C11H24	001120-21-4	59
4	Nonane	128	C9H20	000111-84-2	53
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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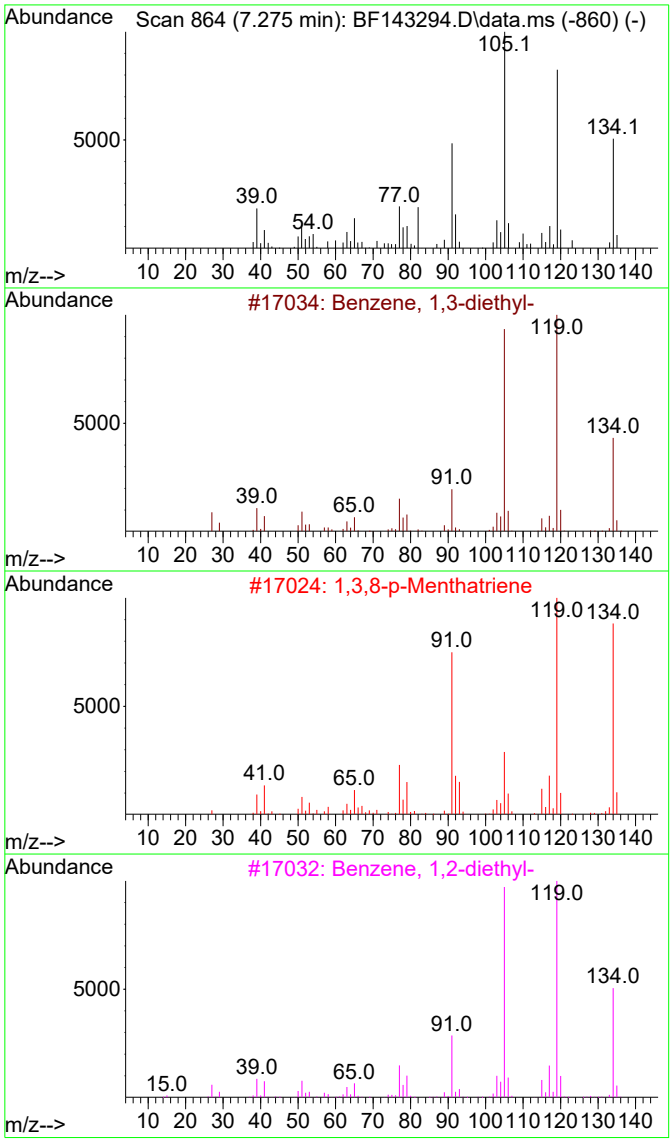
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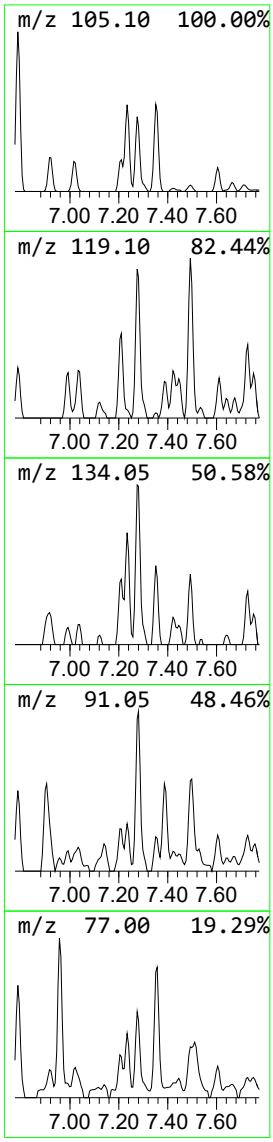
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Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.275	2.16 ng	83632	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

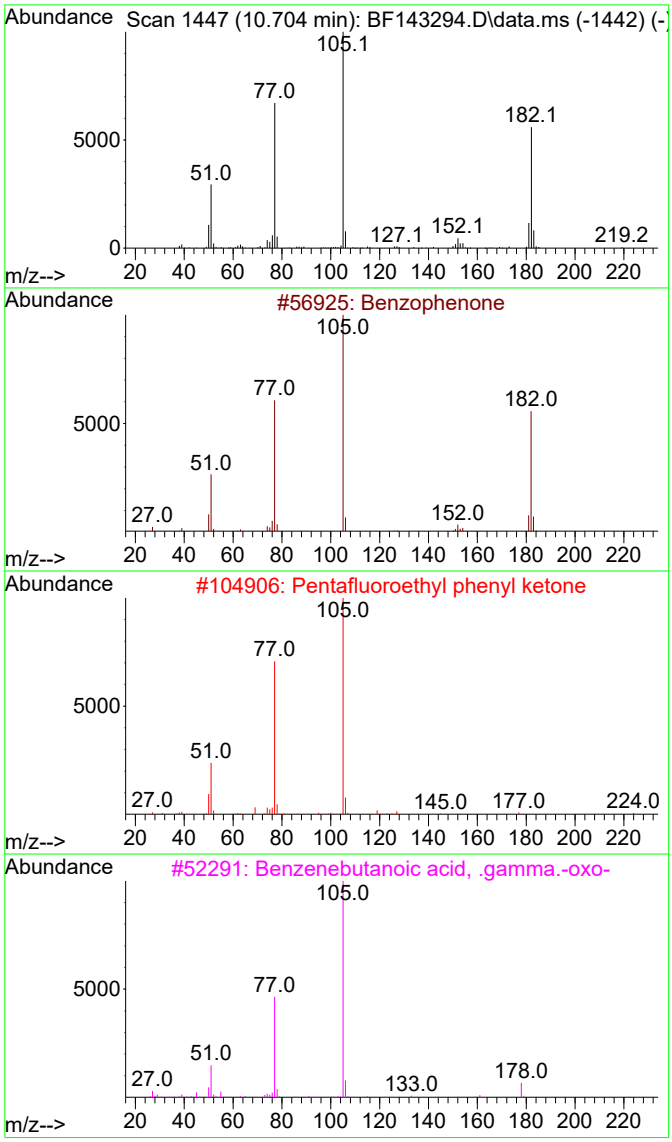
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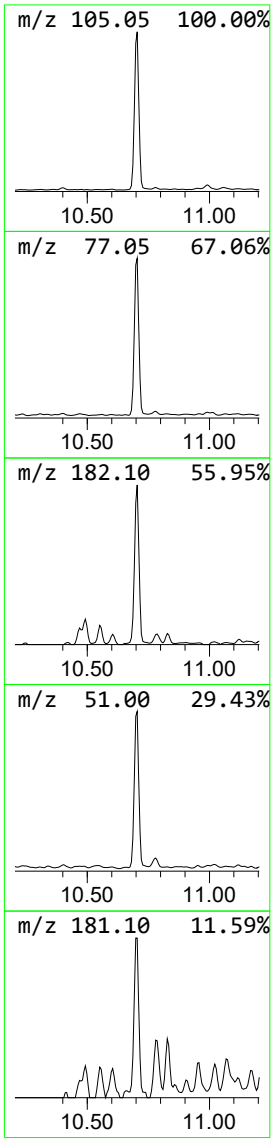
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Peak Number 11 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	4.04 ng	205032	Acenaphthene-d10	9.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	Propan-1-one, 3-nitro-1-phenyl-	179	C9H9NO3	062847-52-3	47
5	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

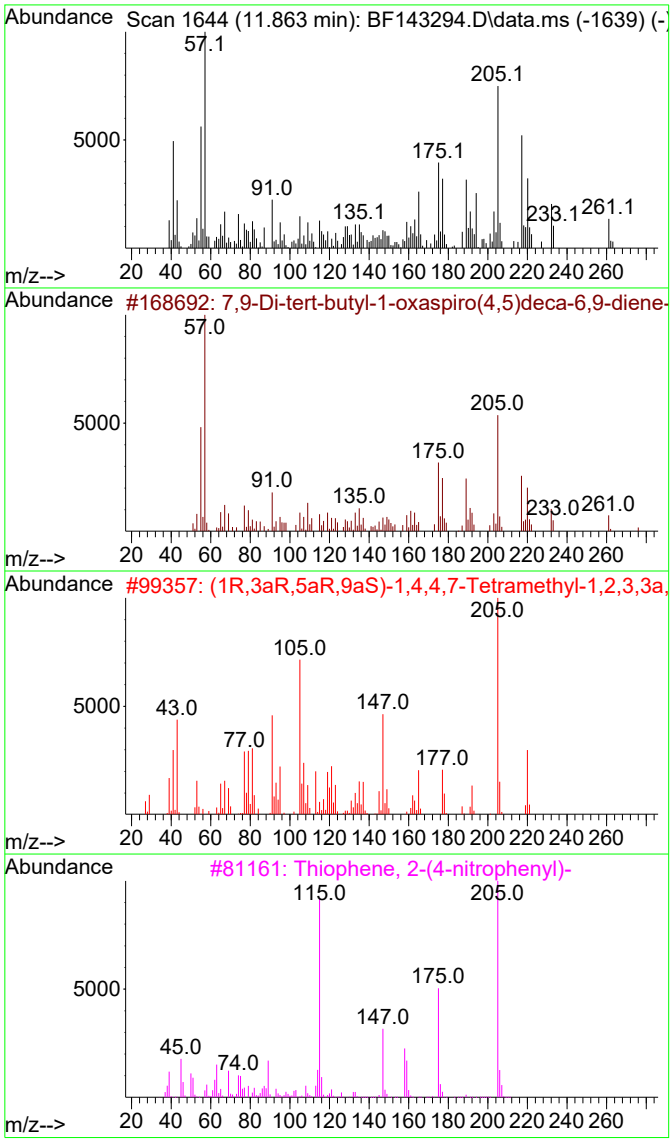
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

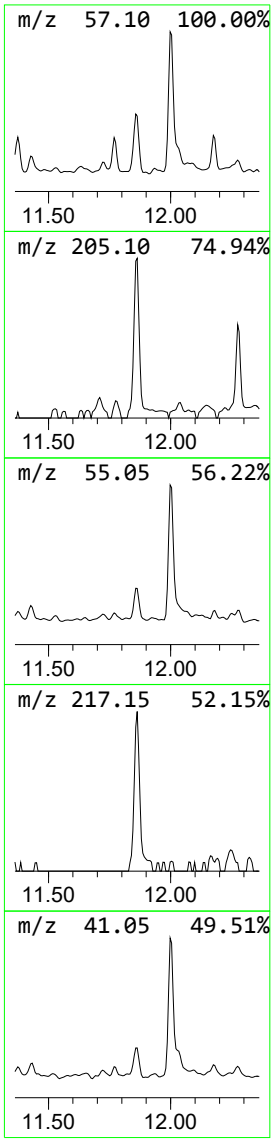
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	2.47 ng	128988	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
2	(1R,3aR,5aR,9aS)-1,4,4,7-Tetrame...	220	C15H24O	104188-25-2	46
3	Thiophene, 2-(4-nitrophenyl)-	205	C10H7NO2S	059156-21-7	43
4	1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	42
5	9-Acetylphenanthrene	220	C16H12O	002039-77-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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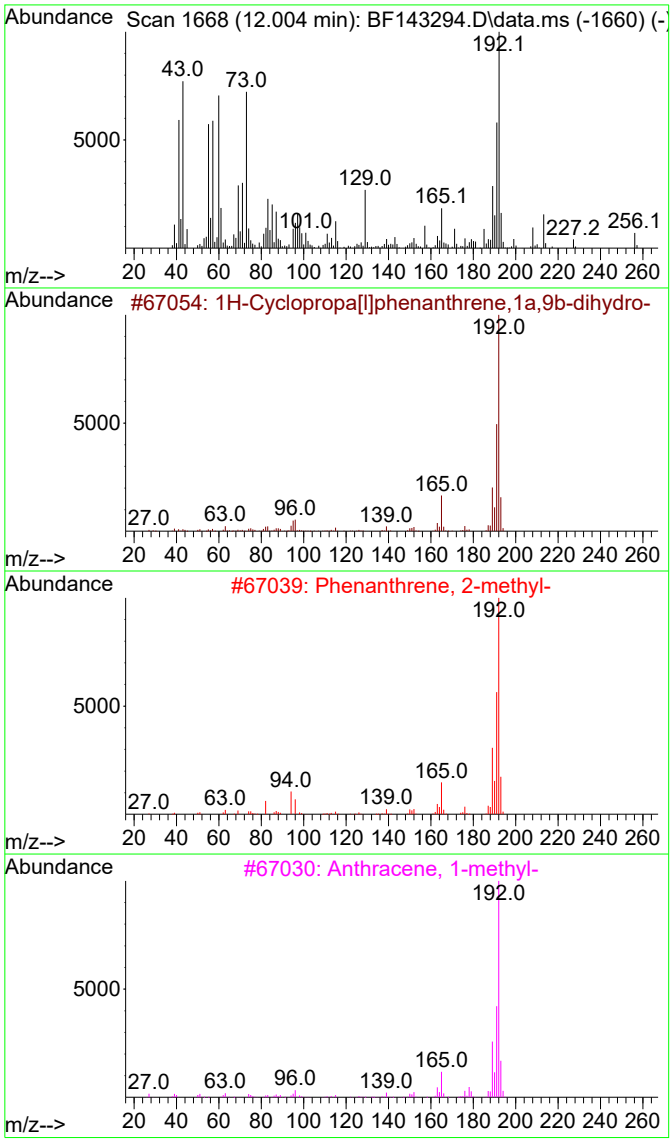
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

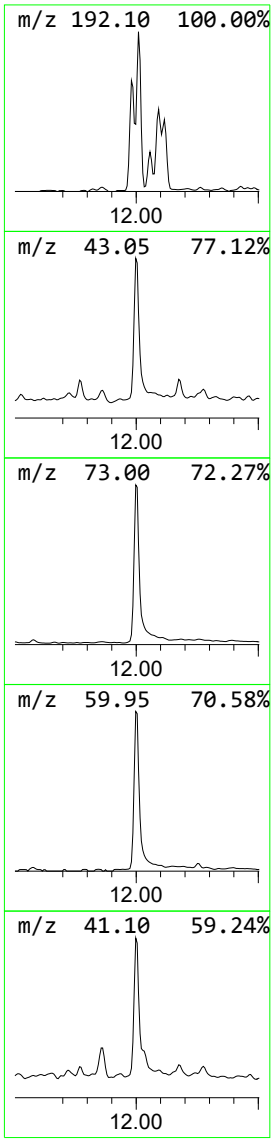
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	10.71 ng	558830	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

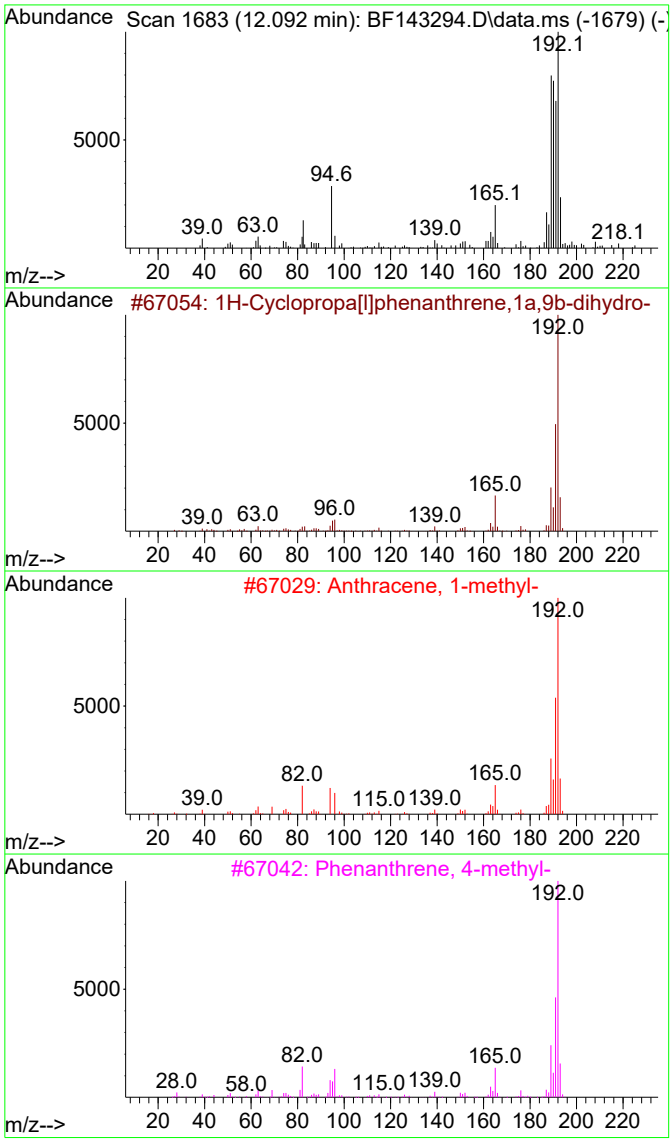
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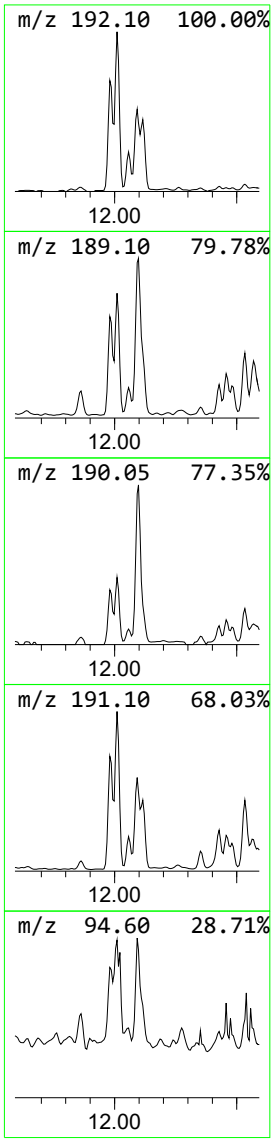
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Peak Number 14 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	3.17 ng	165128	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

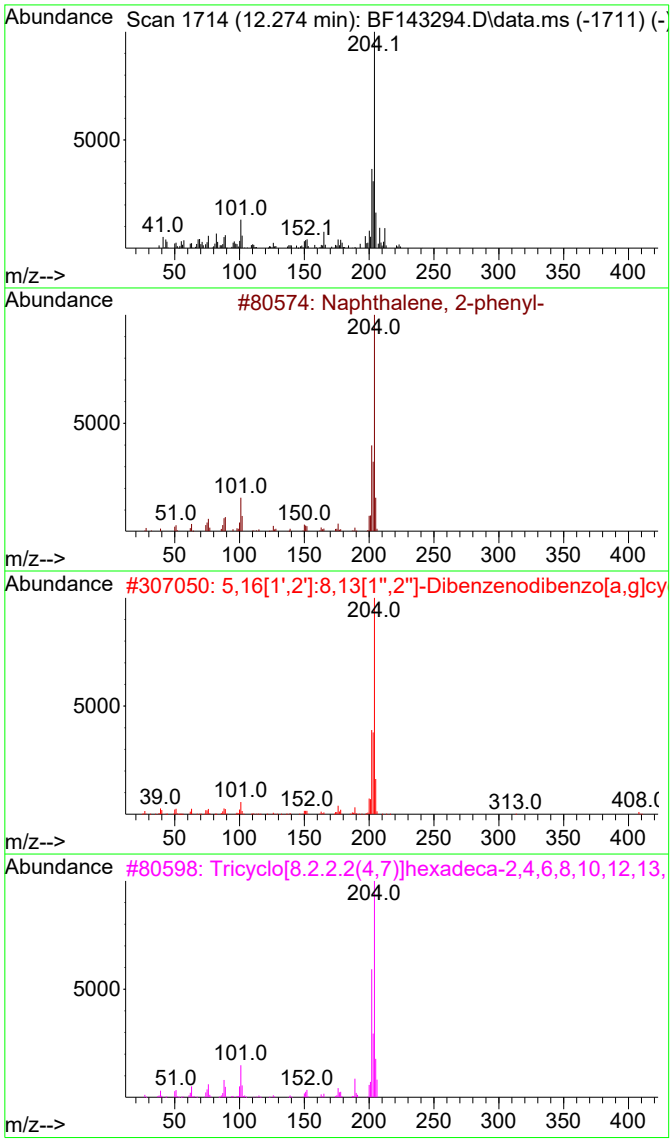
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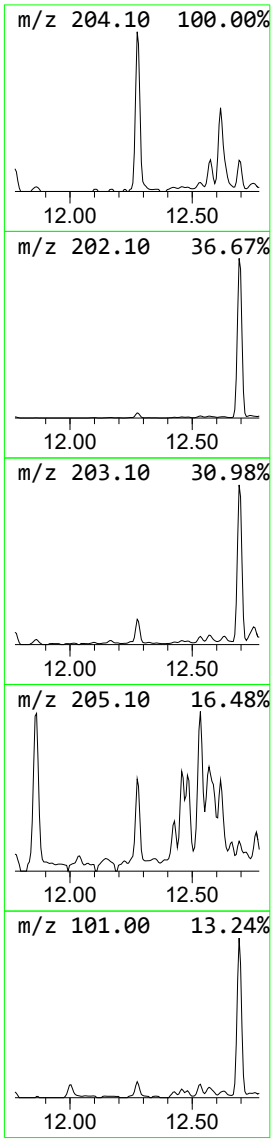
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Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.274	2.34 ng	122322	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

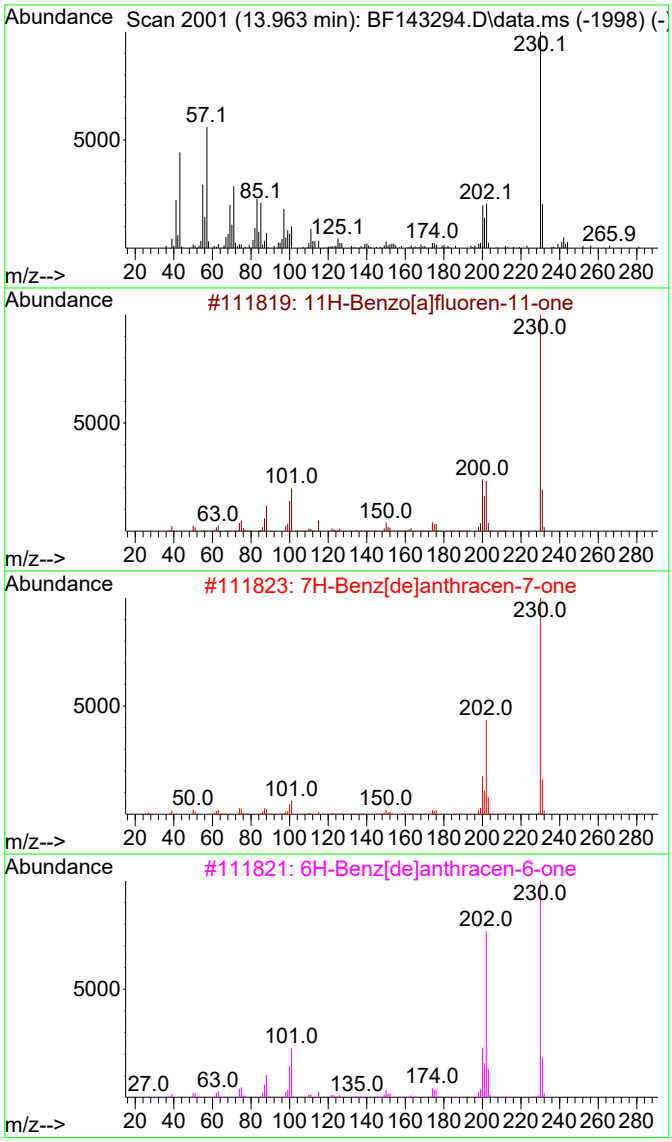
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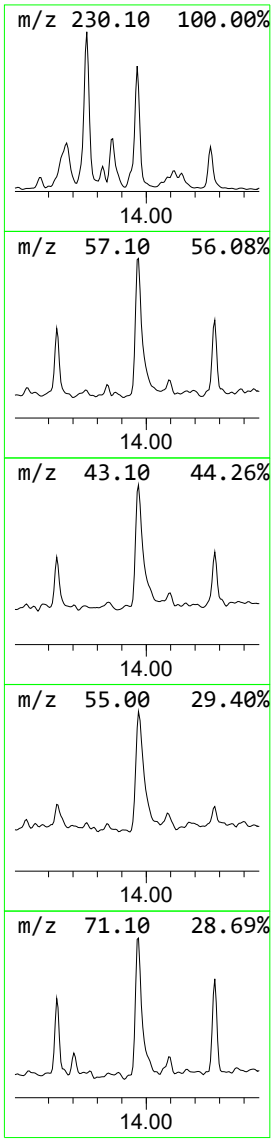
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Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	2.56 ng	179632	Chrysene-d12	14.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	60
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	46
4	m-Terphenyl	230	C18H14	000092-06-8	38
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

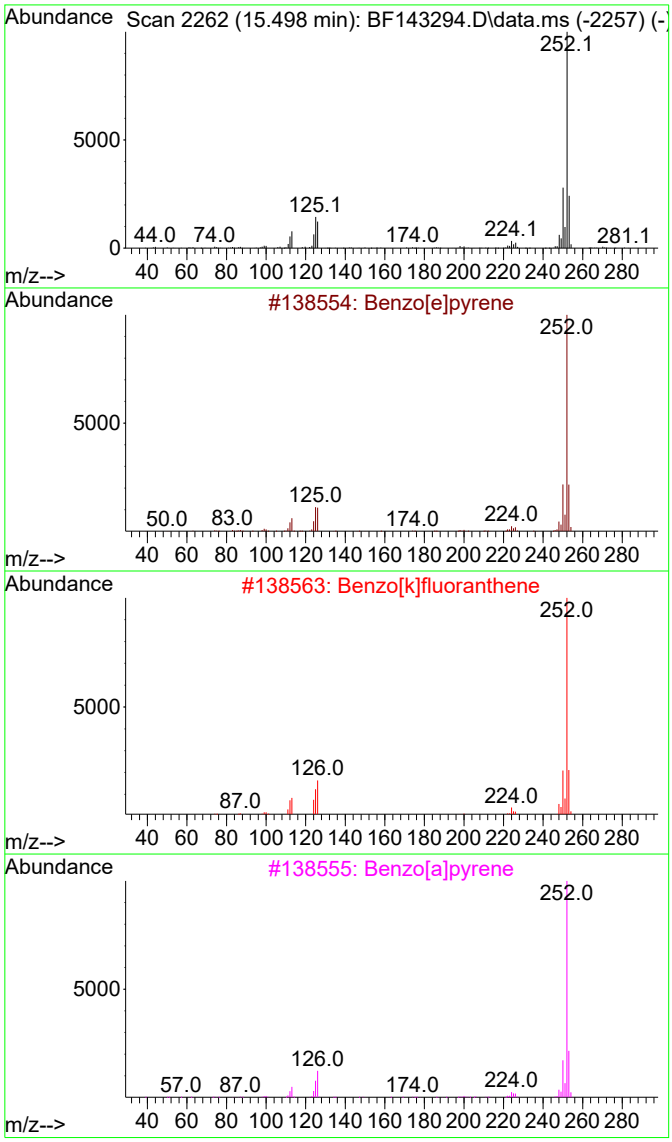
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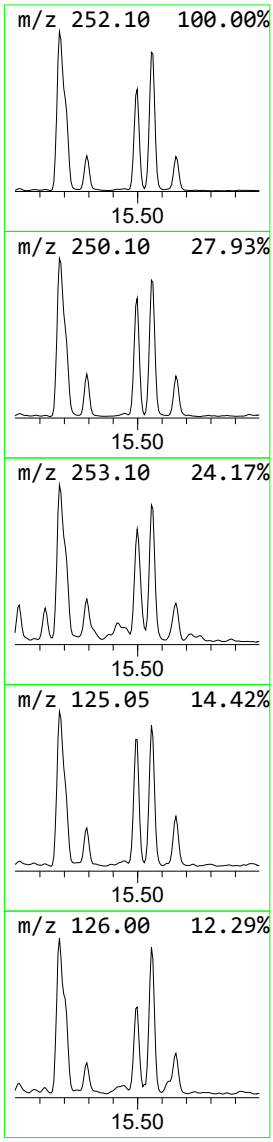
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Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.498	5.63 ng	274250	Perylene-d12	15.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143294.D
Acq On : 04 Aug 2025 14:10
Operator : RC/JU
Sample : Q2743-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.305	35.4	ng	1371360	1	6.957	775070	20.0
Heptane	2.675	3.6	ng	138132	1	6.957	775070	20.0
Octane	4.657	5.6	ng	217882	1	6.957	775070	20.0
2-Pentanone, 4-...	5.187	7.9	ng	307833	1	6.957	775070	20.0
Nonane	5.887	4.8	ng	185175	1	6.957	775070	20.0
Benzene, 1-ethy...	6.492	4.4	ng	170894	1	6.957	775070	20.0
Decane	6.798	4.9	ng	189372	1	6.957	775070	20.0
Benzene, 1,3-di...	7.275	2.2	ng	83632	1	6.957	775070	20.0
Benzophenone	10.704	4.0	ng	205032	3	9.992	1015990	20.0
7,9-Di-tert-but...	11.863	2.5	ng	128988	4	11.480	1043420	20.0
1H-Cyclopropa[l...	12.004	10.7	ng	558830	4	11.480	1043420	20.0
Anthracene, 1-m...	12.092	3.2	ng	165128	4	11.480	1043420	20.0
Naphthalene, 2-...	12.274	2.3	ng	122322	4	11.480	1043420	20.0
11H-Benzo[a]flu...	13.963	2.6	ng	179632	5	14.121	1404810	20.0
Benzo[e]pyrene	15.498	5.6	ng	274250	6	15.627	973902	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143306.D
Acq On : 05 Aug 2025 10:29
Operator : RC/JU
Sample : PB169095BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169095BL

Quant Time: Aug 05 11:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

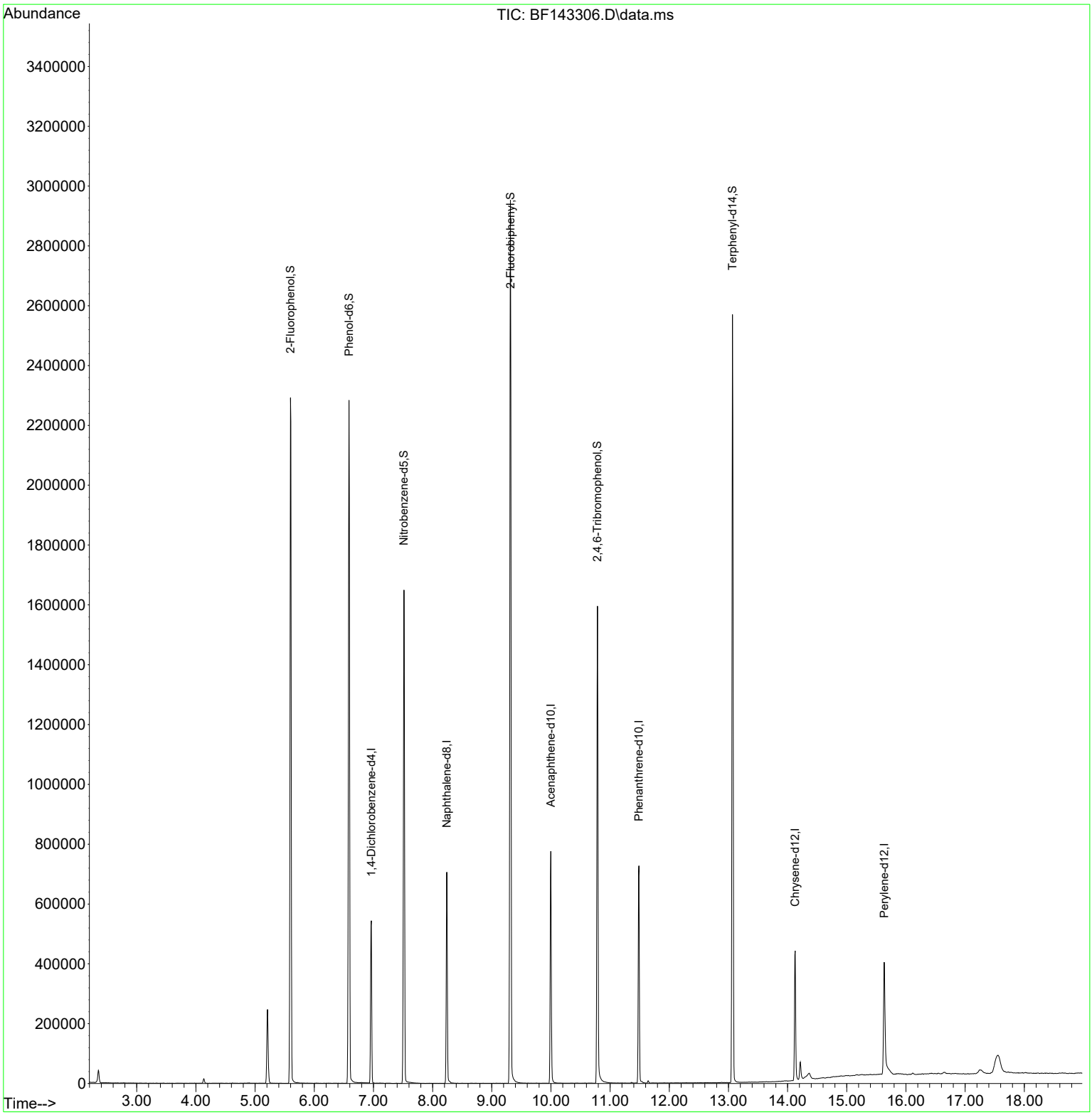
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	114562	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	444658	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	231807	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	384624	20.000	ng	0.00
76) Chrysene-d12	14.127	240	231168	20.000	ng	0.00
86) Perylene-d12	15.633	264	249231	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	892339	123.260	ng	0.01
7) Phenol-d6	6.587	99	1132998	124.338	ng	0.00
23) Nitrobenzene-d5	7.516	82	758819	85.065	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	303025	126.540	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1392098	82.131	ng	0.00
79) Terphenyl-d14	13.069	244	1279760	82.383	ng	0.00
Target Compounds						Qvalue

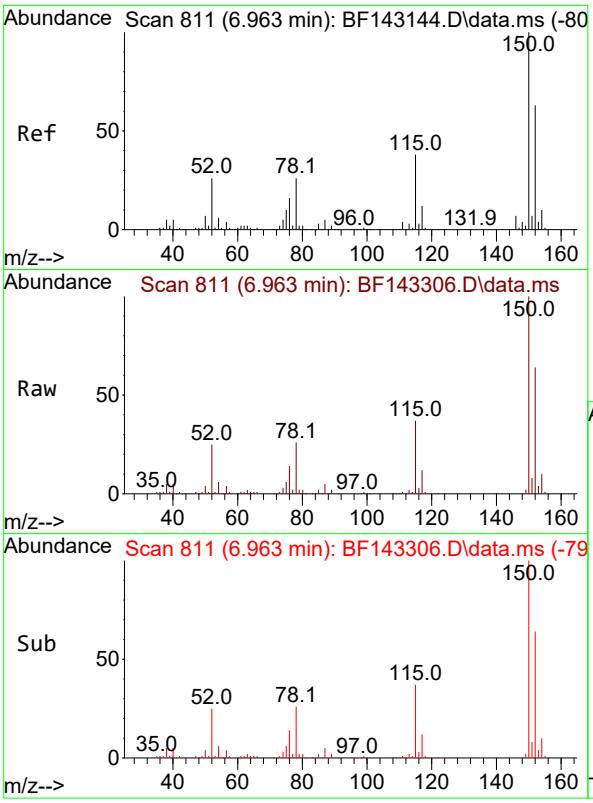
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143306.D
Acq On : 05 Aug 2025 10:29
Operator : RC/JU
Sample : PB169095BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Aug 05 11:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



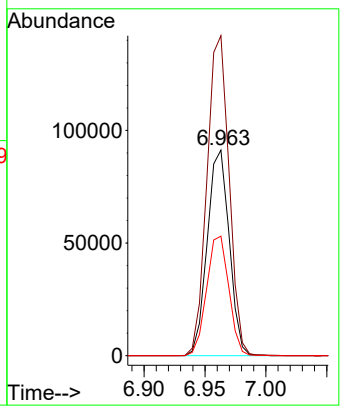


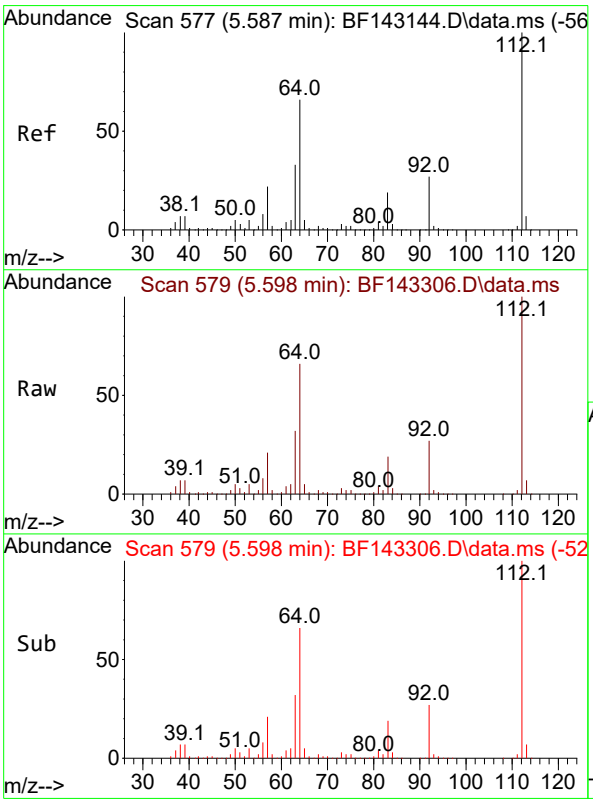
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB169095BL

Tgt Ion:152 Resp: 114562

Ion	Ratio	Lower	Upper
152	100		
150	155.6	128.2	192.4
115	58.1	47.9	71.9

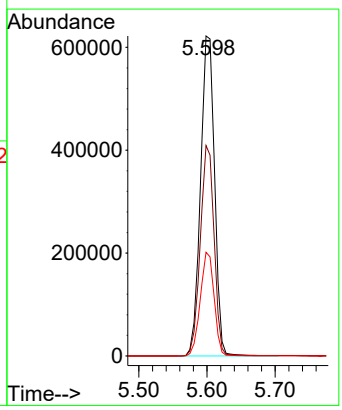


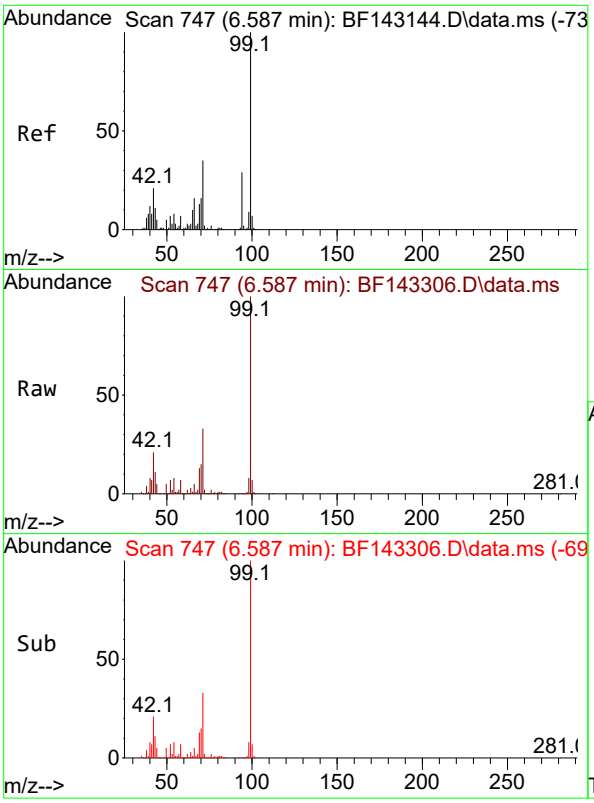


#5
2-Fluorophenol
Concen: 123.260 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Tgt Ion:112 Resp: 892339

Ion	Ratio	Lower	Upper
112	100		
64	65.8	53.1	79.7
63	32.4	26.6	40.0



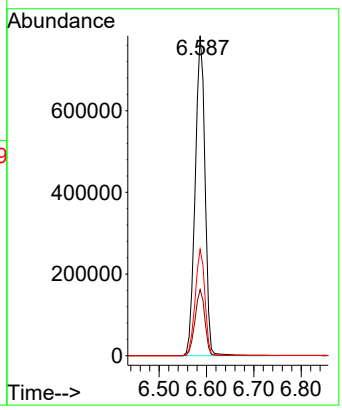


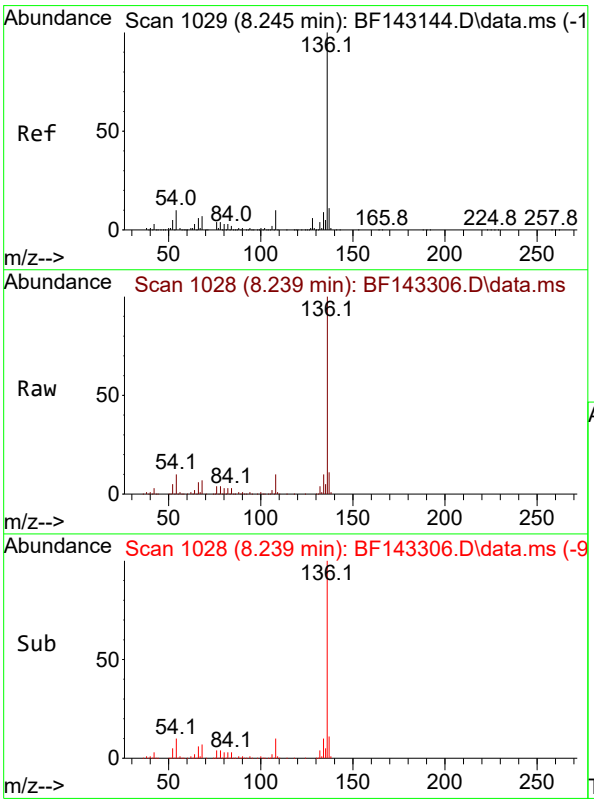
#7
Phenol-d6
Concen: 124.338 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB169095BL

Tgt Ion: 99 Resp: 1132998

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.0	25.6
71	33.3	27.7	41.5

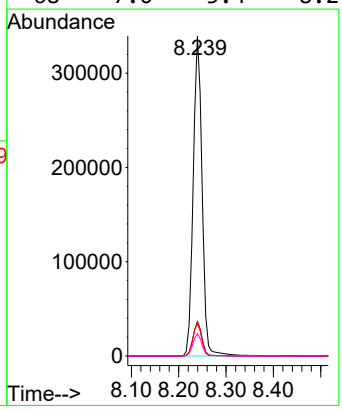


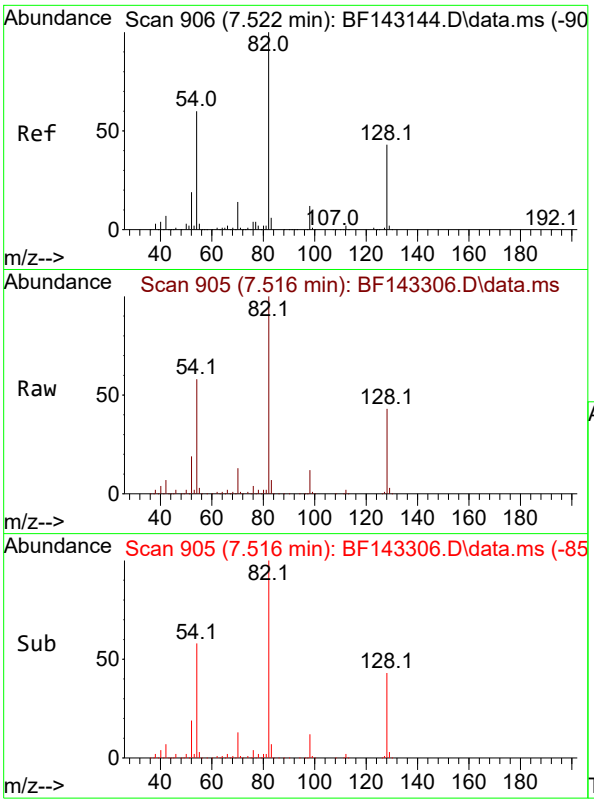


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Tgt Ion:136 Resp: 444658

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.2	8.2	12.2
68	7.0	5.4	8.2



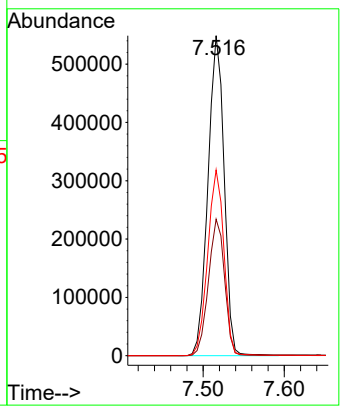


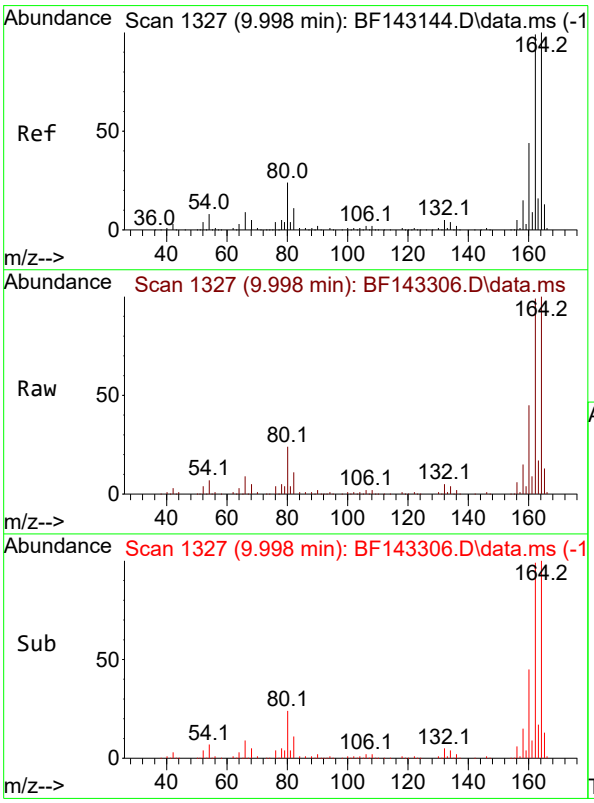
#23
Nitrobenzene-d5
Concen: 85.065 ng
RT: 7.516 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB169095BL

Tgt Ion: 82 Resp: 758819

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.6	50.4
54	58.0	47.1	70.7

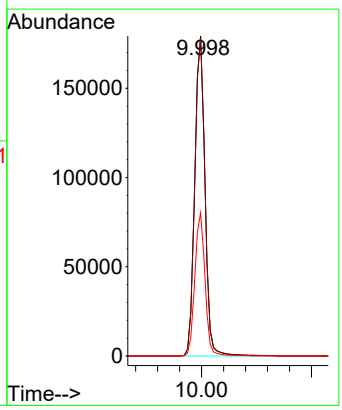


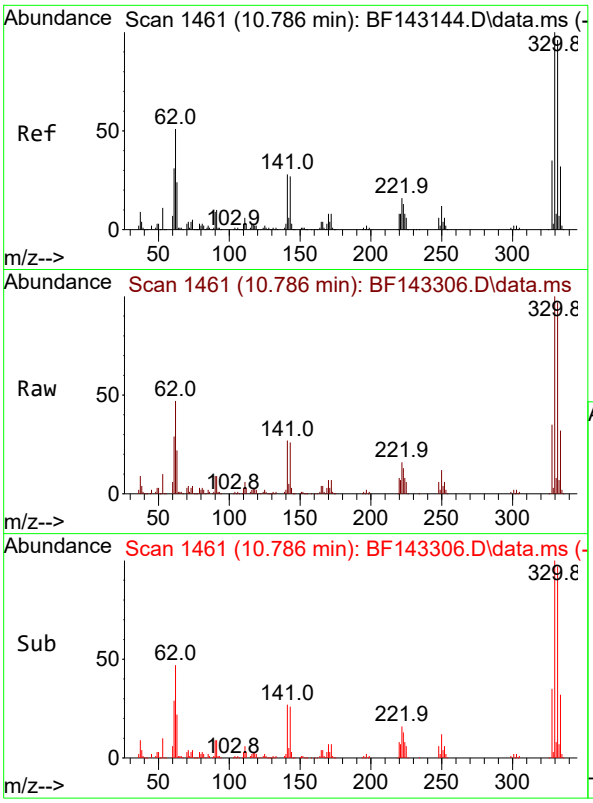


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Tgt Ion:164 Resp: 231807

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.0	118.6
160	44.7	35.1	52.7



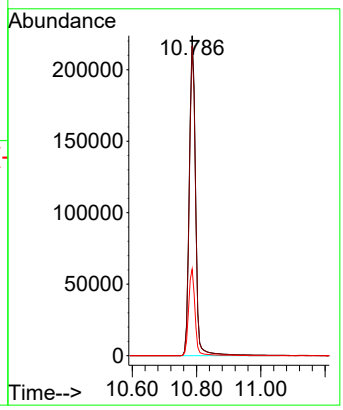


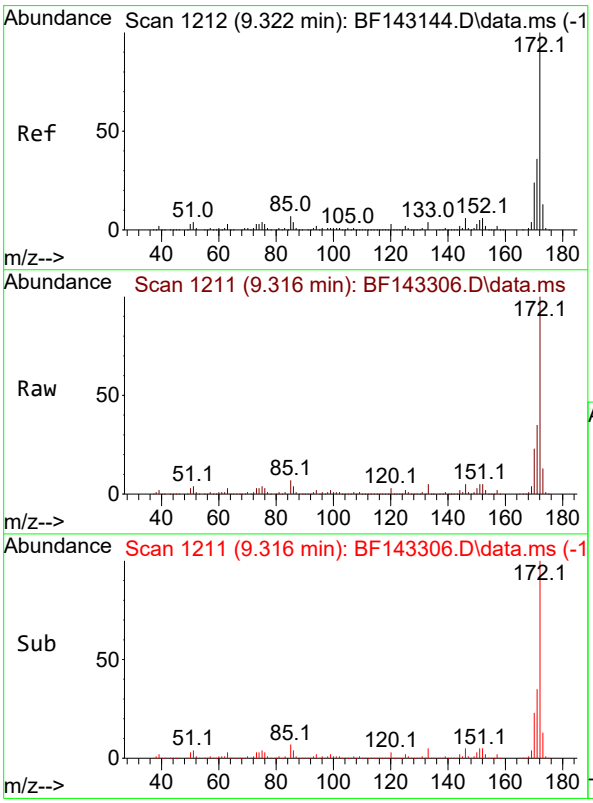
#42
2,4,6-Tribromophenol
Concen: 126.540 ng
RT: 10.786 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB169095BL

Tgt Ion:330 Resp: 303025

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.7	115.1
141	27.8	23.3	34.9

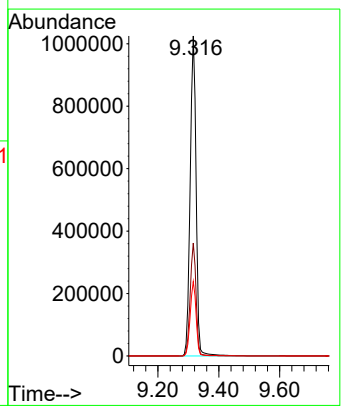


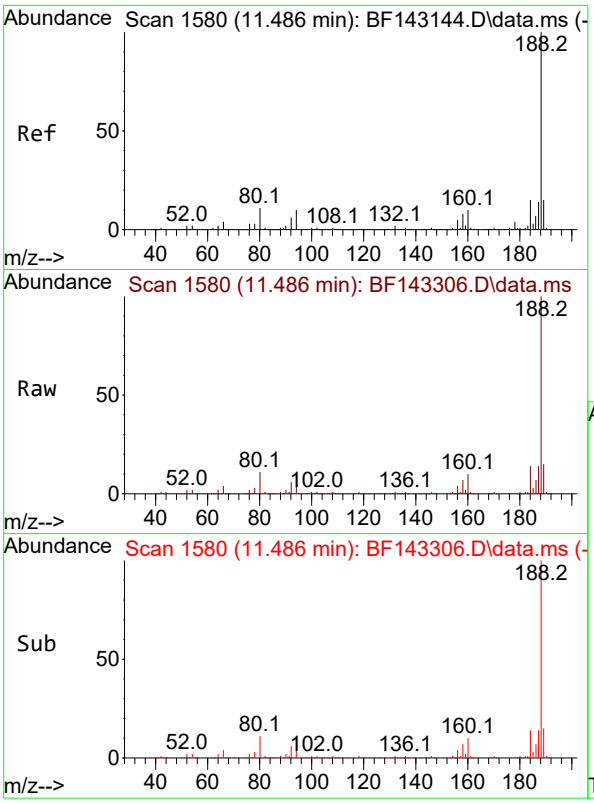


#45
2-Fluorobiphenyl
Concen: 82.131 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Tgt Ion:172 Resp: 1392098

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.3	18.8	28.2



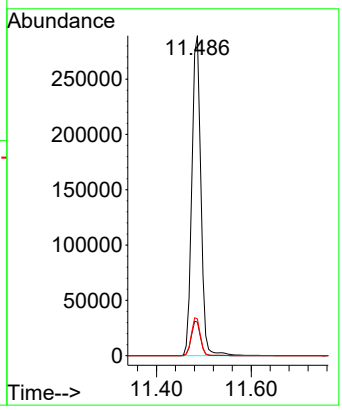


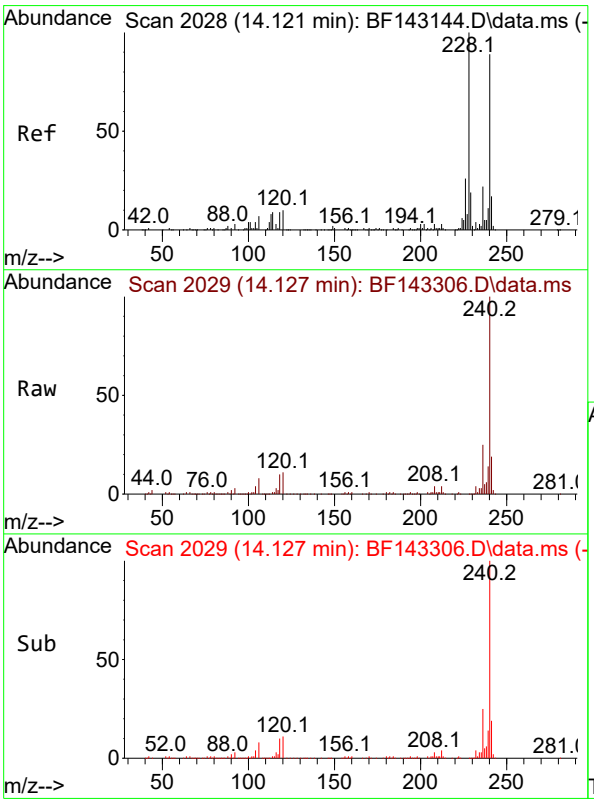
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB169095BL

Tgt Ion:188 Resp: 384624

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.5	9.0	13.6

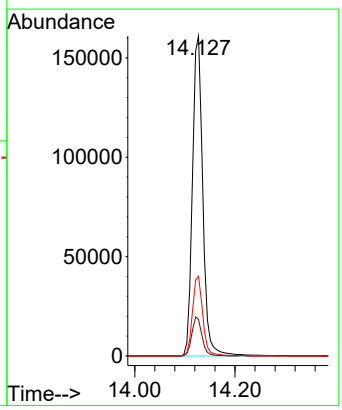


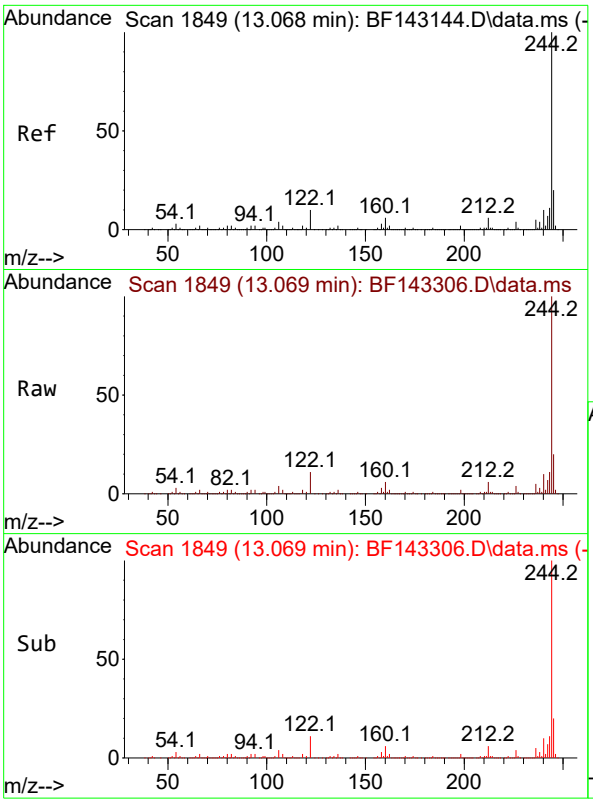


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Tgt Ion:240 Resp: 231168

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.4	14.2
236	24.9	20.2	30.4



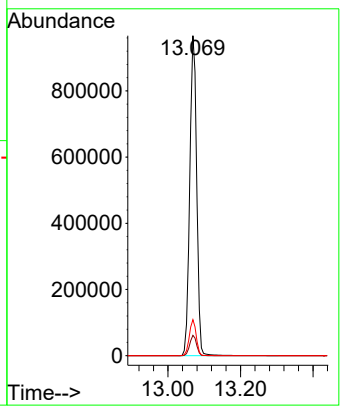


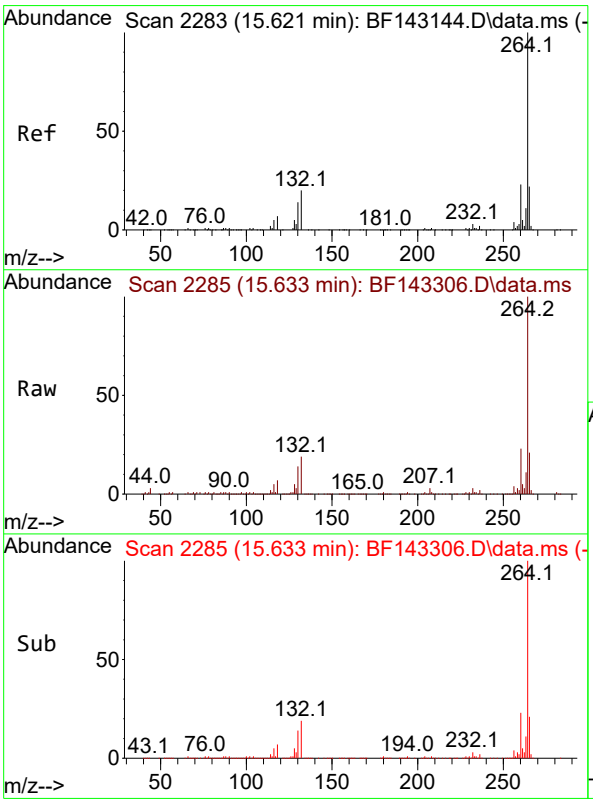
#79
Terphenyl-d14
Concen: 82.383 ng
RT: 13.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB169095BL

Tgt Ion:244 Resp: 1279760

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.2	7.8
122	11.2	8.2	12.2

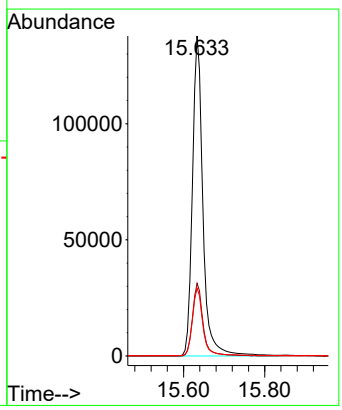




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Tgt Ion:264 Resp: 249231

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.1	17.4	26.2



LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143306.D
Acq On : 05 Aug 2025 10:29
Operator : RC/JU
Sample : PB169095BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB169095BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143306.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.352	18	27	37	rVB	42283	77541	1.97%	0.326%
2	5.210	506	513	526	rBV	246665	389234	9.89%	1.637%
3	5.598	573	579	585	rBV	2291745	3235344	82.20%	13.611%
4	6.587	740	747	752	rBV	2283548	3268387	83.04%	13.750%
5	6.963	805	811	816	rBV	542300	687976	17.48%	2.894%
6	7.516	898	905	910	rBV	1649522	2272855	57.75%	9.562%
7	8.239	1022	1028	1044	rBV	705883	918961	23.35%	3.866%
8	9.316	1204	1211	1216	rBV	2952221	3935904	100.00%	16.558%
9	9.998	1321	1327	1350	rBV	775851	1004816	25.53%	4.227%
10	10.786	1455	1461	1488	rBV	1594812	2188311	55.60%	9.206%
11	11.486	1574	1580	1587	rBV	726109	952322	24.20%	4.006%
12	13.069	1843	1849	1865	rBV	2567117	3380766	85.90%	14.222%
13	14.127	2023	2029	2038	rBV	433829	616516	15.66%	2.594%
14	14.216	2038	2044	2052	rVV	57955	96797	2.46%	0.407%
15	15.633	2279	2285	2313	rVB	374587	745089	18.93%	3.134%

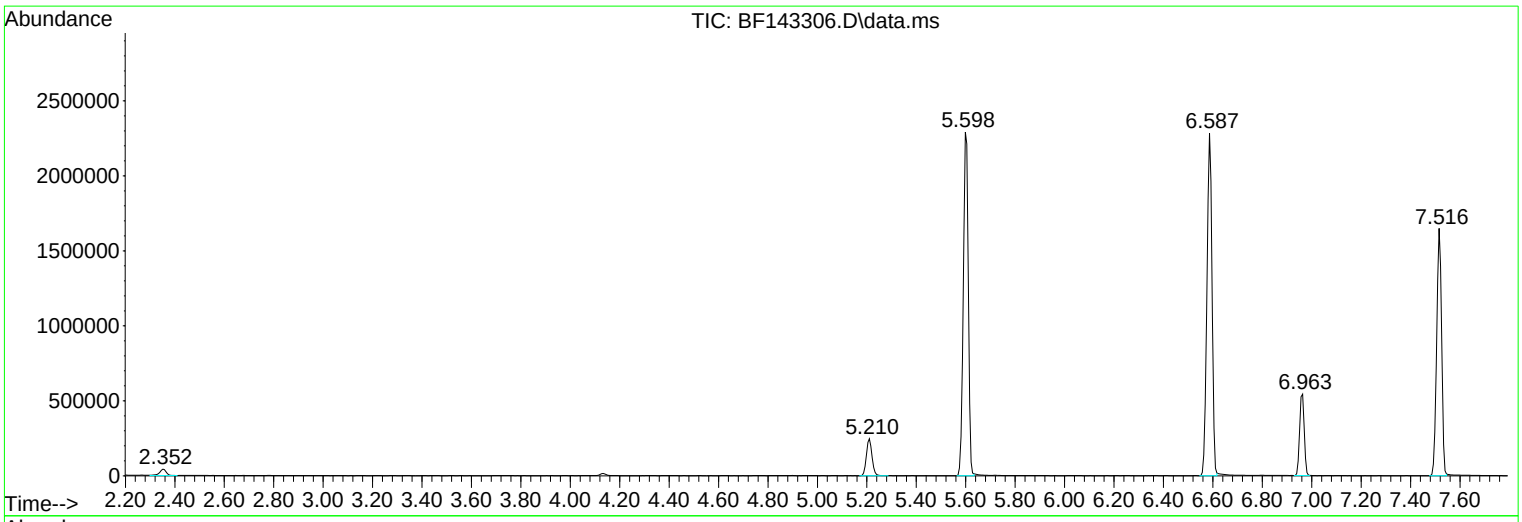
Sum of corrected areas: 23770819

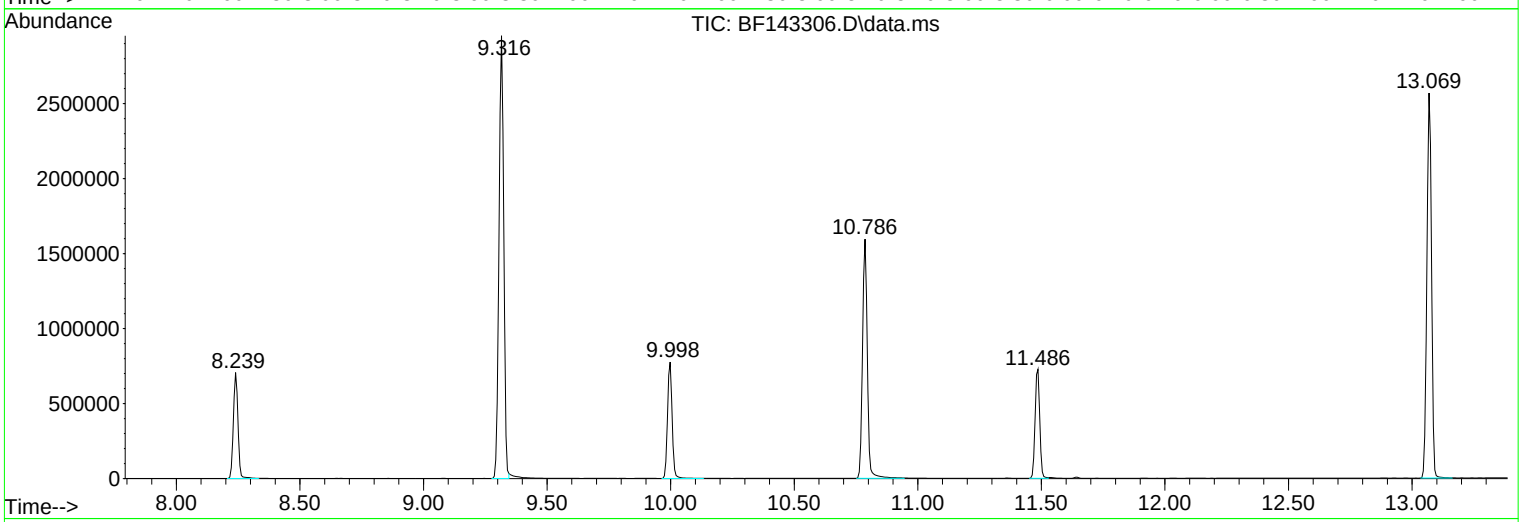
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143306.D
Acq On : 05 Aug 2025 10:29
Operator : RC/JU
Sample : PB169095BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

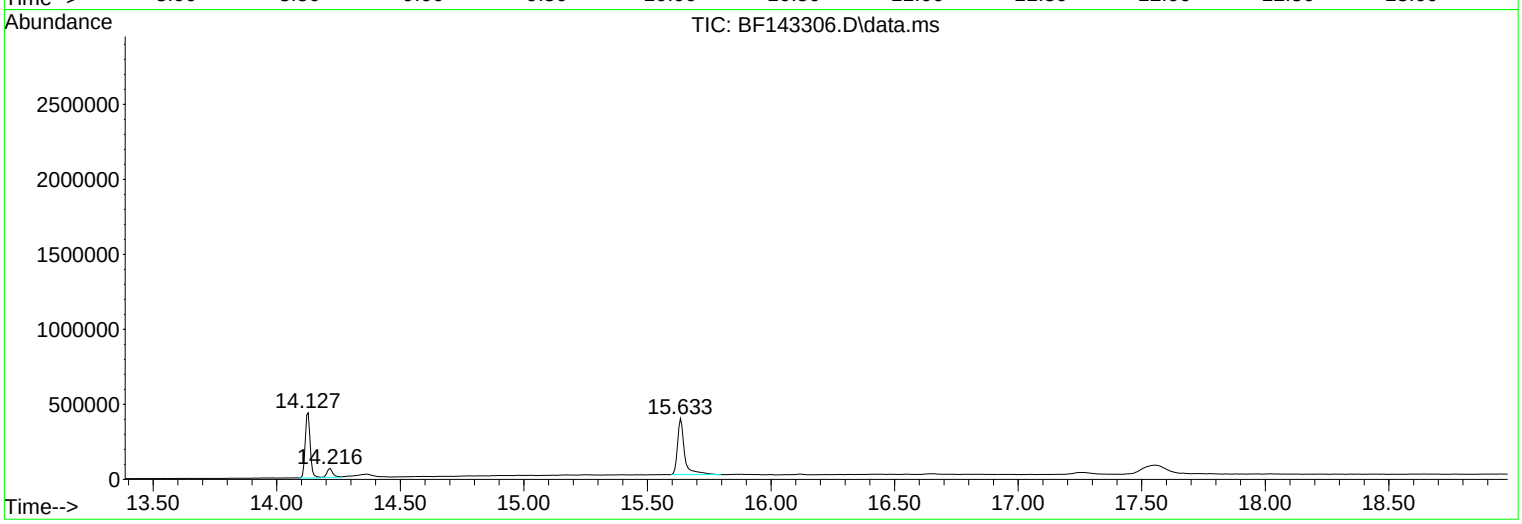
Instrument :
BNA_F
ClientSampleId :
PB169095BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143306.D
Acq On : 05 Aug 2025 10:29
Operator : RC/JU
Sample : PB169095BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB169095BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

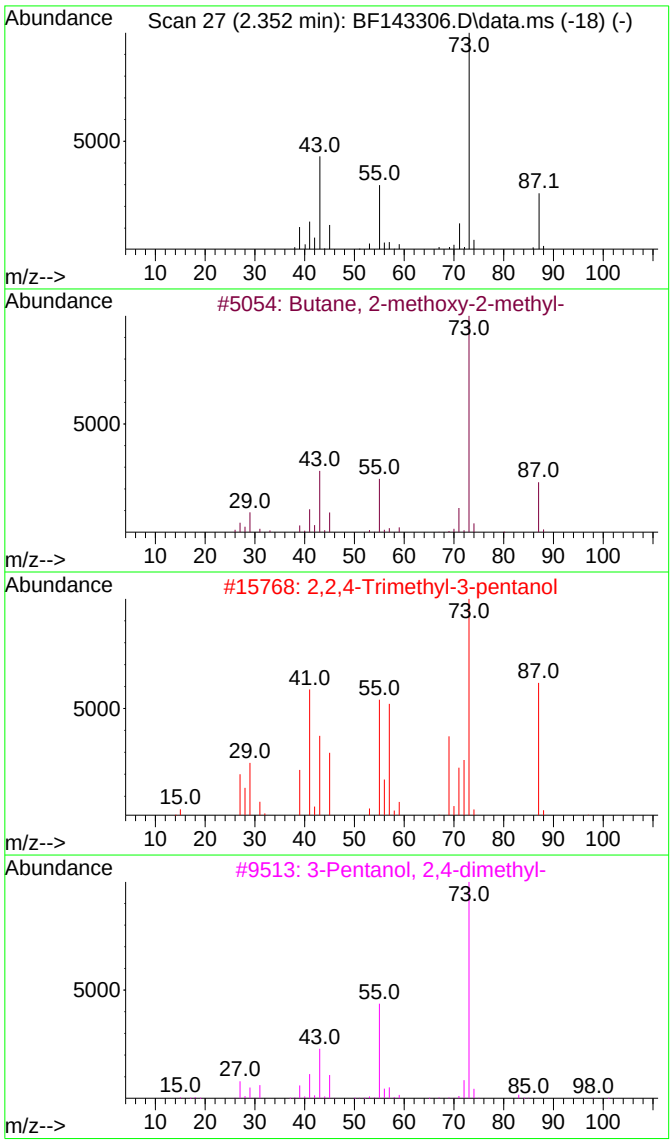
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

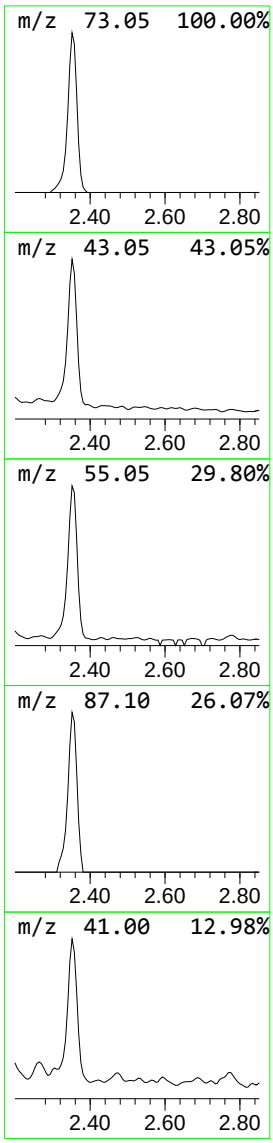
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.352	2.25 ng	77541	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	32
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143306.D
Acq On : 05 Aug 2025 10:29
Operator : RC/JU
Sample : PB169095BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169095BL

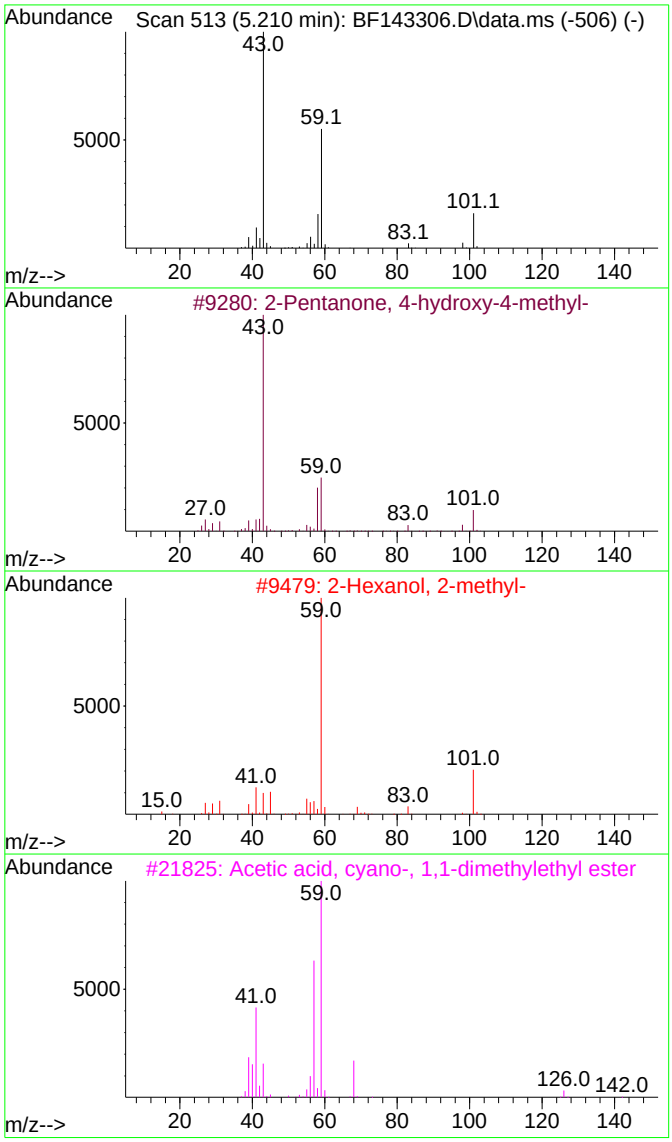
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

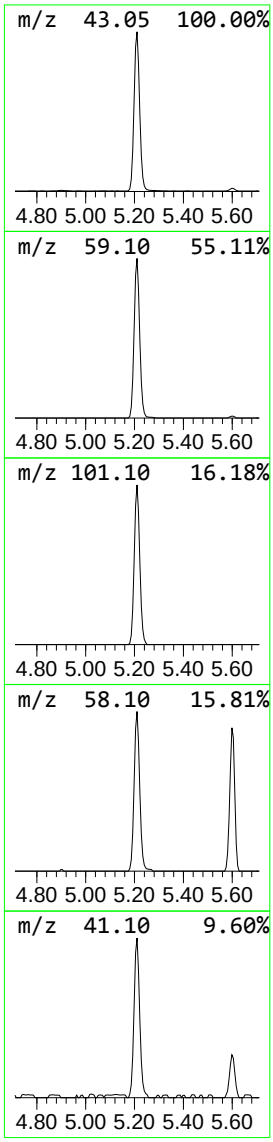
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.210	11.32 ng	389234	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143306.D
Acq On : 05 Aug 2025 10:29
Operator : RC/JU
Sample : PB169095BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169095BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

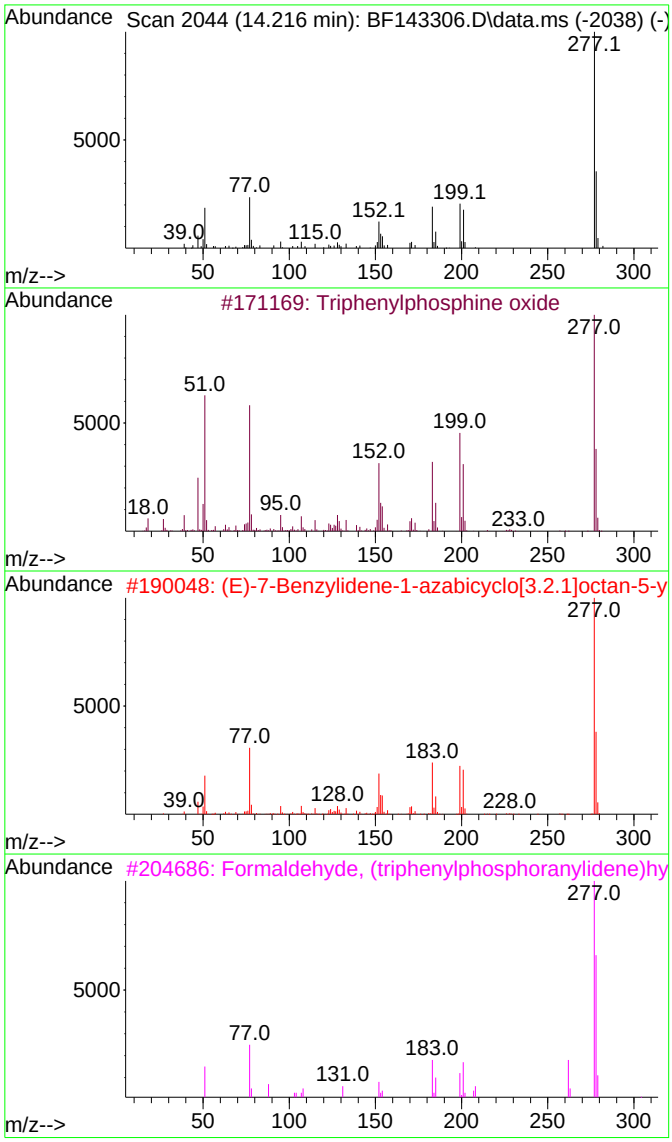
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TIC Integration Parameters: LSCINT.P

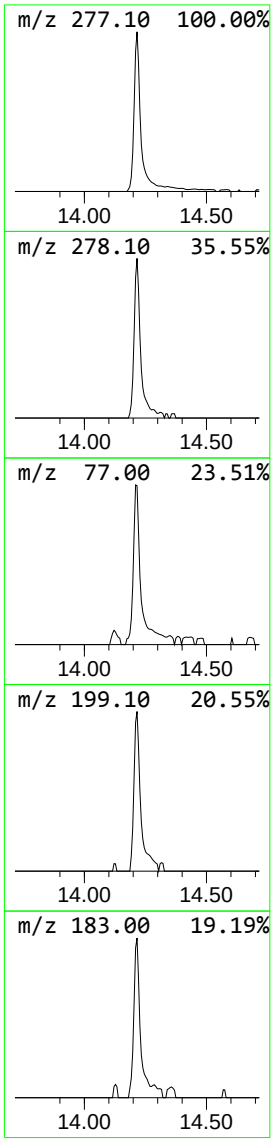
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Peak Number 3 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.216	3.14 ng	96797	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	76
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	9
5	Thiophene-3-carbonitrile, 4-(4-m...	277	C13H11NO2S2	1000268-75-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143306.D
Acq On : 05 Aug 2025 10:29
Operator : RC/JU
Sample : PB169095BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169095BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.352	2.3	ng	77541	1	6.963	687976	20.0
2-Pentanone, 4-...	5.210	11.3	ng	389234	1	6.963	687976	20.0
Triphenylphosph...	14.216	3.1	ng	96797	5	14.127	616516	20.0

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143307.D
Acq On : 05 Aug 2025 10:58
Operator : RC/JU
Sample : PB169095BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 05 11:26:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169095BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	118629	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	457337	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	232356	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	366236	20.000	ng		0.00
76) Chrysene-d12	14.127	240	223170	20.000	ng		0.00
86) Perylene-d12	15.633	264	254386	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	890640	118.808	ng		0.02
7) Phenol-d6	6.592	99	1127332	119.475	ng		0.00
23) Nitrobenzene-d5	7.522	82	752737	82.044	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	311231	129.660	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1349144	79.409	ng		0.00
79) Terphenyl-d14	13.069	244	1204878	80.342	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	133086	37.519	ng		100
3) Pyridine	3.646	79	357435	38.823	ng		97
4) n-Nitrosodimethylamine	3.593	42	208878	43.942	ng		97
6) Aniline	6.622	93	475405	36.151	ng		94
8) 2-Chlorophenol	6.751	128	354173	45.073	ng		97
9) Benzaldehyde	6.510	77	221233	31.268	ng		100
10) Phenol	6.604	94	466719	45.404	ng		95
11) bis(2-Chloroethyl)ether	6.692	93	354481	45.039	ng		100
12) 1,3-Dichlorobenzene	6.904	146	374570	43.881	ng		98
13) 1,4-Dichlorobenzene	6.981	146	373783	43.482	ng		99
14) 1,2-Dichlorobenzene	7.134	146	358774	43.881	ng		99
15) Benzyl Alcohol	7.098	79	318906	44.264	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	657171	45.012	ng		98
17) 2-Methylphenol	7.210	107	292413	44.258	ng		99
18) Hexachloroethane	7.475	117	134155	45.080	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	261896	43.263	ng		100
20) 3+4-Methylphenols	7.363	107	346128	43.179	ng	#	77
22) Acetophenone	7.363	105	473988	43.776	ng		94
24) Nitrobenzene	7.539	77	387205	45.267	ng		99
25) Isophorone	7.781	82	725302	44.781	ng		98
26) 2-Nitrophenol	7.857	139	189149	50.951	ng		98
27) 2,4-Dimethylphenol	7.892	122	330601	43.689	ng		98
28) bis(2-Chloroethoxy)met...	7.987	93	442833	45.602	ng		99
29) 2,4-Dichlorophenol	8.098	162	285450	44.730	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	307473	44.598	ng		100
31) Naphthalene	8.263	128	1001515	44.466	ng		100
32) Benzoic acid	8.004	122	175738	41.958	ng		98
33) 4-Chloroaniline	8.304	127	251708	27.369	ng		99
34) Hexachlorobutadiene	8.386	225	187108	44.427	ng		99
35) Caprolactam	8.675	113	94468m	48.987	ng		
36) 4-Chloro-3-methylphenol	8.786	107	313467	45.193	ng		100
37) 2-Methylnaphthalene	8.957	142	614719	44.851	ng		99
38) 1-Methylnaphthalene	9.057	142	634487	44.956	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	298949	44.564	ng		99
41) Hexachlorocyclopentadiene	9.116	237	357071	81.804	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	196949	42.421	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143307.D
Acq On : 05 Aug 2025 10:58
Operator : RC/JU
Sample : PB169095BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 05 11:26:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169095BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.275	196	211805	45.607	ng		99
46)	1,1'-Biphenyl	9.422	154	811976	44.790	ng		99
47)	2-Chloronaphthalene	9.445	162	602995	44.954	ng		99
48)	2-Nitroaniline	9.533	65	203961	48.487	ng		100
49)	Acenaphthylene	9.863	152	1016395	45.215	ng		100
50)	Dimethylphthalate	9.716	163	693056	45.759	ng		100
51)	2,6-Dinitrotoluene	9.775	165	155053	50.325	ng		98
52)	Acenaphthene	10.033	154	658002	49.525	ng		99
53)	3-Nitroaniline	9.945	138	122794	34.073	ng		96
54)	2,4-Dinitrophenol	10.051	184	148070	103.867	ng	#	1
55)	Dibenzofuran	10.204	168	871941	44.203	ng		100
56)	4-Nitrophenol	10.104	139	226718	84.247	ng		96
57)	2,4-Dinitrotoluene	10.180	165	200962	51.988	ng		96
58)	Fluorene	10.551	166	660530	44.616	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.322	232	174330	45.315	ng		98
60)	Diethylphthalate	10.416	149	688882	46.018	ng		99
61)	4-Chlorophenyl-phenyle...	10.539	204	336708	45.675	ng		98
62)	4-Nitroaniline	10.557	138	145725	47.181	ng		98
63)	Azobenzene	10.698	77	709639	45.484	ng		100
65)	4,6-Dinitro-2-methylph...	10.592	198	99435	51.364	ng		99
66)	n-Nitrosodiphenylamine	10.657	169	588520	45.635	ng		99
67)	4-Bromophenyl-phenylether	11.027	248	204566	46.870	ng		99
68)	Hexachlorobenzene	11.104	284	208607	45.728	ng		98
69)	Atrazine	11.180	200	178303	50.150	ng		99
70)	Pentachlorophenol	11.292	266	224940	83.847	ng		99
71)	Phenanthrene	11.516	178	881990	45.356	ng		100
72)	Anthracene	11.563	178	897867	45.272	ng		100
73)	Carbazole	11.716	167	794899	45.901	ng		100
74)	Di-n-butylphthalate	12.045	149	985524	50.294	ng		100
75)	Fluoranthene	12.704	202	850431	47.646	ng		100
77)	Benzidine	12.816	184	343105	39.905	ng		98
78)	Pyrene	12.933	202	844315	44.329	ng		100
80)	Butylbenzylphthalate	13.539	149	330575	56.680	ng		99
81)	Benzo(a)anthracene	14.116	228	700613	46.891	ng		99
82)	3,3'-Dichlorobenzidine	14.074	252	169971	34.132	ng		99
83)	Chrysene	14.157	228	601537	44.779	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.098	149	455949	51.650	ng		98
85)	Di-n-octyl phthalate	14.715	149	764520	47.779	ng	#	100
87)	Indeno(1,2,3-cd)pyrene	17.186	276	823824	45.927	ng		98
88)	Benzo(b)fluoranthene	15.192	252	666144	42.865	ng		99
89)	Benzo(k)fluoranthene	15.221	252	670019	48.315	ng		99
90)	Benzo(a)pyrene	15.574	252	663370	46.330	ng		99
91)	Dibenzo(a,h)anthracene	17.204	278	670907	45.952	ng		100
92)	Benzo(g,h,i)perylene	17.651	276	666185	47.170	ng		98

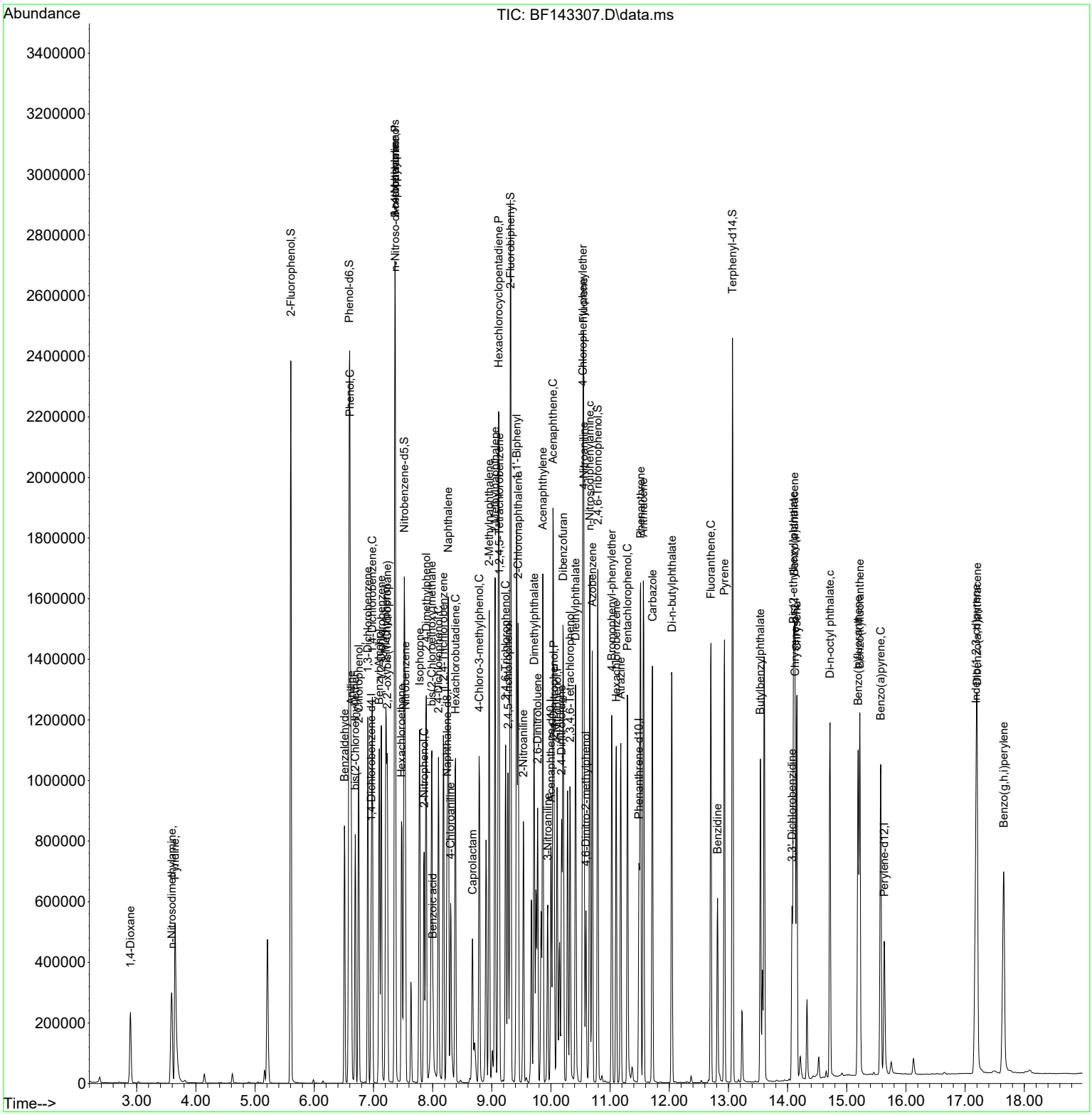
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143307.D
Acq On : 05 Aug 2025 10:58
Operator : RC/JU
Sample : PB169095BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 05 11:26:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169095BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143313.D
Acq On : 05 Aug 2025 13:59
Operator : RC/JU
Sample : Q2734-01MS 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 05 14:26:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-253MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	130860	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	486158	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	224868	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	312204	20.000	ng		0.00
76) Chrysene-d12	14.133	240	241353	20.000	ng		0.01
86) Perylene-d12	15.645	264	186398	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	333444	40.323	ng		0.01
7) Phenol-d6	6.592	99	435211	41.813	ng		0.00
23) Nitrobenzene-d5	7.516	82	275271	28.224	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	83476	35.934	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	484848	29.488	ng		0.00
79) Terphenyl-d14	13.069	244	381121	23.499	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	65474	16.733	ng		99
3) Pyridine	3.604	79	164496	16.197	ng		98
4) n-Nitrosodimethylamine	3.528	42	97480	18.590	ng		97
6) Aniline	6.622	93	84409	5.819	ng	#	83
8) 2-Chlorophenol	6.751	128	169608	19.567	ng		97
9) Benzaldehyde	6.510	77	105300	13.492	ng		98
10) Phenol	6.604	94	218878	19.303	ng		100
11) bis(2-Chloroethyl)ether	6.692	93	182838	21.060	ng		97
12) 1,3-Dichlorobenzene	6.904	146	177685	18.870	ng		100
13) 1,4-Dichlorobenzene	6.981	146	179746	18.955	ng		99
14) 1,2-Dichlorobenzene	7.134	146	173303	19.215	ng		99
15) Benzyl Alcohol	7.098	79	153915	19.367	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	318887	19.800	ng		97
17) 2-Methylphenol	7.216	107	139737	19.173	ng		99
18) Hexachloroethane	7.481	117	52594	16.021	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	126399	18.928	ng		98
20) 3+4-Methylphenols	7.363	107	176660	19.978	ng	#	69
22) Acetophenone	7.363	105	234736	20.394	ng	#	95
24) Nitrobenzene	7.539	77	185250	20.373	ng		100
25) Isophorone	7.781	82	345353	20.059	ng		98
26) 2-Nitrophenol	7.857	139	89217	22.608	ng		99
27) 2,4-Dimethylphenol	7.892	122	154952m	19.263	ng		
28) bis(2-Chloroethoxy)met...	7.986	93	211672	20.505	ng		99
29) 2,4-Dichlorophenol	8.104	162	128258	18.907	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	142684	19.469	ng		100
31) Naphthalene	8.269	128	477055	19.925	ng		100
32) Benzoic acid	7.981	122	80819	21.090	ng		99
33) 4-Chloroaniline	8.310	127	52381	5.358	ng		99
34) Hexachlorobutadiene	8.386	225	85967	19.202	ng		99
35) Caprolactam	8.657	113	42764	20.861	ng		96
36) 4-Chloro-3-methylphenol	8.792	107	135660	18.399	ng		97
37) 2-Methylnaphthalene	8.957	142	284935	19.557	ng		100
38) 1-Methylnaphthalene	9.057	142	292390	19.489	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	139365	21.467	ng		98
41) Hexachlorocyclopentadiene	9.116	237	873	0.207	ng		92
43) 2,4,6-Trichlorophenol	9.233	196	84670	18.844	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143313.D
Acq On : 05 Aug 2025 13:59
Operator : RC/JU
Sample : Q2734-01MS 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 05 14:26:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-253MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	82644	18.388	ng		98
46) 1,1'-Biphenyl	9.422	154	382379	21.795	ng		99
47) 2-Chloronaphthalene	9.445	162	262793	20.244	ng		99
48) 2-Nitroaniline	9.533	65	88146	21.653	ng		98
49) Acenaphthylene	9.863	152	430327	19.781	ng		100
50) Dimethylphthalate	9.710	163	326052	22.245	ng		100
51) 2,6-Dinitrotoluene	9.775	165	64618	21.671	ng		96
52) Acenaphthene	10.033	154	257617	20.035	ng		97
53) 3-Nitroaniline	9.939	138	47291	13.560	ng		96
54) 2,4-Dinitrophenol	10.051	184	19195	19.684	ng	#	9
55) Dibenzofuran	10.204	168	370877	19.428	ng		99
56) 4-Nitrophenol	10.104	139	82334	31.613	ng		97
57) 2,4-Dinitrotoluene	10.175	165	77385	20.686	ng		99
58) Fluorene	10.551	166	277735	19.385	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	63002	16.922	ng		98
60) Diethylphthalate	10.416	149	305410	21.081	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	139599	19.567	ng		99
62) 4-Nitroaniline	10.551	138	49643	16.608	ng		98
63) Azobenzene	10.698	77	295403	19.564	ng		97
65) 4,6-Dinitro-2-methylph...	10.586	198	15461	13.794	ng		90
66) n-Nitrosodiphenylamine	10.651	169	240384	21.866	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	76580	20.583	ng		98
68) Hexachlorobenzene	11.104	284	69382	17.841	ng		99
69) Atrazine	11.180	200	68641	22.647	ng		100
70) Pentachlorophenol	11.292	266	72936	31.892	ng		98
71) Phenanthrene	11.516	178	453203	27.339	ng		100
72) Anthracene	11.563	178	368566	21.800	ng		99
73) Carbazole	11.716	167	318850	21.598	ng		100
74) Di-n-butylphthalate	12.045	149	399160	23.896	ng		99
75) Fluoranthene	12.704	202	687059	45.155	ng		99
77) Benzidine	12.821	184	6918	0.744	ng	#	34
78) Pyrene	12.933	202	677000	32.867	ng		99
80) Butylbenzylphthalate	13.545	149	162294	25.730	ng		98
81) Benzo(a)anthracene	14.121	228	499986	30.942	ng		98
82) 3,3'-Dichlorobenzidine	14.080	252	58890	10.935	ng		99
83) Chrysene	14.157	228	438517	30.184	ng		98
84) Bis(2-ethylhexyl)phtha...	14.104	149	242982	25.451	ng		99
85) Di-n-octyl phthalate	14.721	149	393515	22.740	ng		100
87) Indeno(1,2,3-cd)pyrene	17.192	276	246288	18.738	ng		99
88) Benzo(b)fluoranthene	15.198	252	376253	33.042	ng	#	97
89) Benzo(k)fluoranthene	15.227	252	304157m	29.933	ng		
90) Benzo(a)pyrene	15.580	252	301255	28.714	ng	#	96
91) Dibenzo(a,h)anthracene	17.209	278	174886	16.348	ng		98
92) Benzo(g,h,i)perylene	17.662	276	200796	19.403	ng		99

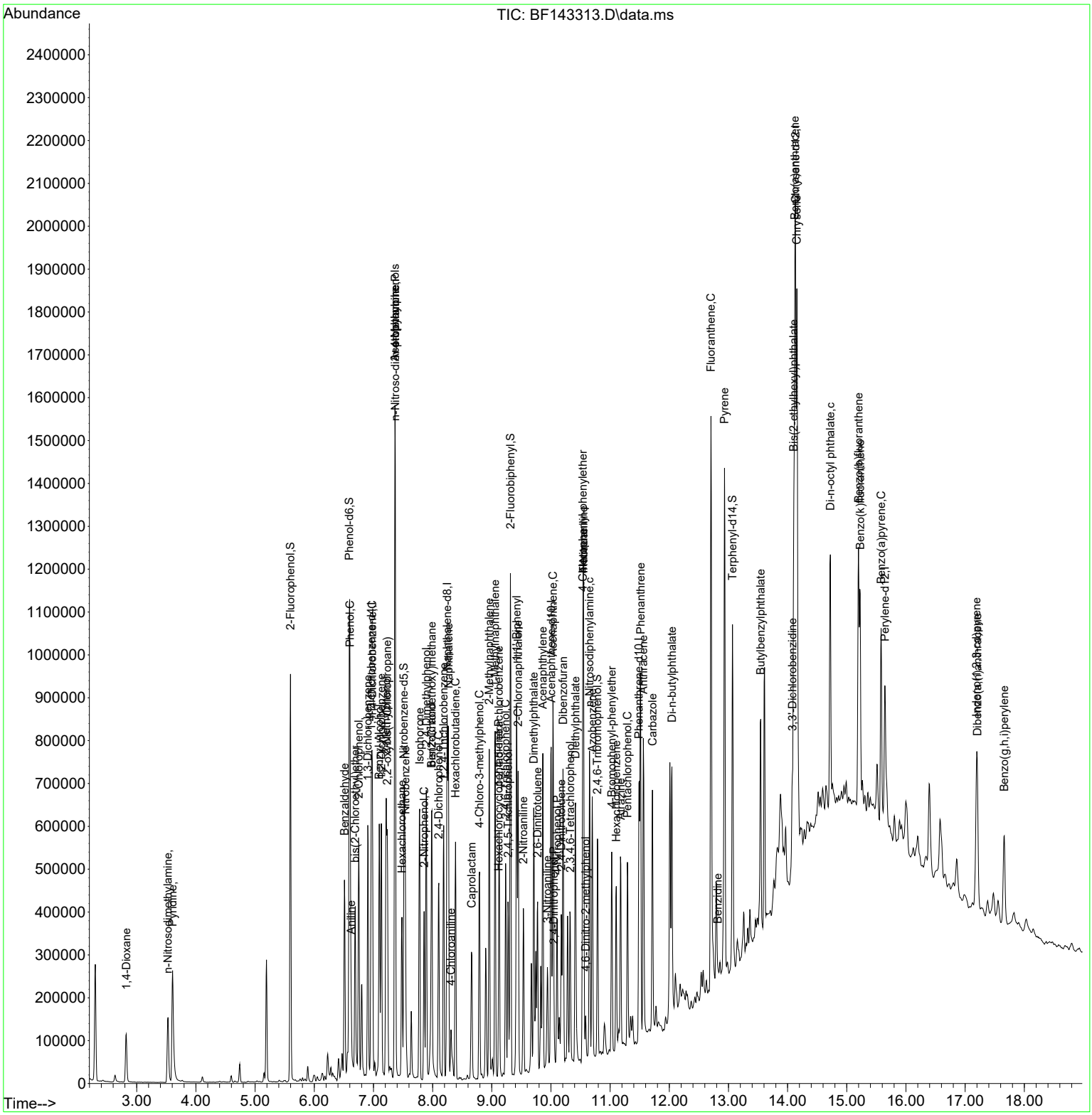
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143313.D
Acq On : 05 Aug 2025 13:59
Operator : RC/JU
Sample : Q2734-01MS 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 05 14:26:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-253MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143314.D
Acq On : 05 Aug 2025 14:28
Operator : RC/JU
Sample : Q2734-01MSD 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 14:49:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	119894	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	447775	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	200201	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	276419	20.000	ng		0.00
76) Chrysene-d12	14.133	240	209954	20.000	ng		0.01
86) Perylene-d12	15.645	264	154652	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	330350	43.602	ng		0.01
7) Phenol-d6	6.592	99	428488	44.932	ng		0.00
23) Nitrobenzene-d5	7.516	82	272013	30.281	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	78547	37.979	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	471839	32.232	ng		0.00
79) Terphenyl-d14	13.069	244	357534	25.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	64879	18.097	ng		99
3) Pyridine	3.604	79	162633	17.478	ng		100
4) n-Nitrosodimethylamine	3.528	42	98107	20.421	ng		98
6) Aniline	6.622	93	84743	6.376	ng	#	80
8) 2-Chlorophenol	6.751	128	166476	20.962	ng		98
9) Benzaldehyde	6.510	77	104462	14.608	ng		98
10) Phenol	6.604	94	221950	21.364	ng		99
11) bis(2-Chloroethyl)ether	6.692	93	177329	22.293	ng		98
12) 1,3-Dichlorobenzene	6.904	146	176226	20.427	ng		99
13) 1,4-Dichlorobenzene	6.981	146	177803	20.465	ng		99
14) 1,2-Dichlorobenzene	7.134	146	171514	20.756	ng		98
15) Benzyl Alcohol	7.098	79	151728	20.838	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	309661	20.986	ng		97
17) 2-Methylphenol	7.216	107	138495	20.741	ng		99
18) Hexachloroethane	7.481	117	49572	16.482	ng		99
19) n-Nitroso-di-n-propyla...	7.363	70	124598	20.365	ng		96
20) 3+4-Methylphenols	7.363	107	173188	21.377	ng	#	70
22) Acetophenone	7.363	105	233314	22.008	ng	#	95
24) Nitrobenzene	7.539	77	181471	21.668	ng		100
25) Isophorone	7.781	82	337361	21.274	ng		99
26) 2-Nitrophenol	7.857	139	85862	23.623	ng		98
27) 2,4-Dimethylphenol	7.892	122	153155m	20.672	ng		
28) bis(2-Chloroethoxy)met...	7.987	93	207274	21.800	ng		99
29) 2,4-Dichlorophenol	8.104	162	127227	20.362	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	137977	20.440	ng		100
31) Naphthalene	8.269	128	462850	20.989	ng		100
32) Benzoic acid	7.981	122	75233	21.260	ng		98
33) 4-Chloroaniline	8.310	127	58350	6.480	ng		99
34) Hexachlorobutadiene	8.386	225	83154	20.166	ng		99
35) Caprolactam	8.657	113	40704	21.558	ng		91
36) 4-Chloro-3-methylphenol	8.792	107	129818	19.116	ng		96
37) 2-Methylnaphthalene	8.957	142	275169	20.506	ng		100
38) 1-Methylnaphthalene	9.057	142	281572	20.377	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	132955	23.003	ng		98
41) Hexachlorocyclopentadiene	9.116	237	62	0.016	ng	#	27
43) 2,4,6-Trichlorophenol	9.233	196	82178	20.543	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143314.D
Acq On : 05 Aug 2025 14:28
Operator : RC/JU
Sample : Q2734-01MSD 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 14:49:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	79149	19.780	ng		99
46) 1,1'-Biphenyl	9.422	154	363752	23.288	ng		99
47) 2-Chloronaphthalene	9.445	162	251508	21.762	ng		99
48) 2-Nitroaniline	9.533	65	84294	23.258	ng		98
49) Acenaphthylene	9.863	152	411753	21.259	ng		100
50) Dimethylphthalate	9.710	163	311940	23.904	ng		100
51) 2,6-Dinitrotoluene	9.775	165	61876	23.308	ng		98
52) Acenaphthene	10.033	154	240916	21.045	ng		97
53) 3-Nitroaniline	9.939	138	47642	15.343	ng		98
54) 2,4-Dinitrophenol	10.051	184	7916	12.695	ng		88
55) Dibenzofuran	10.204	168	351909	20.705	ng		99
56) 4-Nitrophenol	10.104	139	78452	33.834	ng		98
57) 2,4-Dinitrotoluene	10.175	165	72252	21.694	ng		99
58) Fluorene	10.551	166	260939	20.456	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	60657	18.300	ng		97
60) Diethylphthalate	10.410	149	288769	22.388	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	131501	20.703	ng		98
62) 4-Nitroaniline	10.551	138	48330	18.161	ng		98
63) Azobenzene	10.698	77	276717	20.585	ng		97
65) 4,6-Dinitro-2-methylph...	10.586	198	7479	9.992	ng		81
66) n-Nitrosodiphenylamine	10.651	169	224032	23.016	ng		98
67) 4-Bromophenyl-phenylether	11.027	248	72398	21.978	ng		99
68) Hexachlorobenzene	11.104	284	66007	19.171	ng		99
69) Atrazine	11.175	200	64155	23.908	ng		100
70) Pentachlorophenol	11.292	266	69356	34.253	ng		99
71) Phenanthrene	11.516	178	425693	29.004	ng		99
72) Anthracene	11.563	178	351413	23.476	ng		99
73) Carbazole	11.716	167	305670	23.386	ng		99
74) Di-n-butylphthalate	12.045	149	368926	24.945	ng		100
75) Fluoranthene	12.704	202	660664	49.041	ng		99
77) Benzidine	12.822	184	9478	1.172	ng	#	55
78) Pyrene	12.933	202	644926	35.992	ng		99
80) Butylbenzylphthalate	13.545	149	149527	27.252	ng		99
81) Benzo(a)anthracene	14.121	228	454225	32.314	ng		99
82) 3,3'-Dichlorobenzidine	14.080	252	57677	12.311	ng		99
83) Chrysene	14.157	228	407381	32.234	ng		99
84) Bis(2-ethylhexyl)phtha...	14.104	149	219811	26.468	ng		99
85) Di-n-octyl phthalate	14.721	149	342644	22.761	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.192	276	228945	20.994	ng		99
88) Benzo(b)fluoranthene	15.198	252	324920	34.391	ng	#	96
89) Benzo(k)fluoranthene	15.227	252	261182m	30.980	ng		
90) Benzo(a)pyrene	15.580	252	267795	30.764	ng		97
91) Dibenzo(a,h)anthracene	17.209	278	157308	17.723	ng		97
92) Benzo(g,h,i)perylene	17.662	276	183201	21.337	ng		98

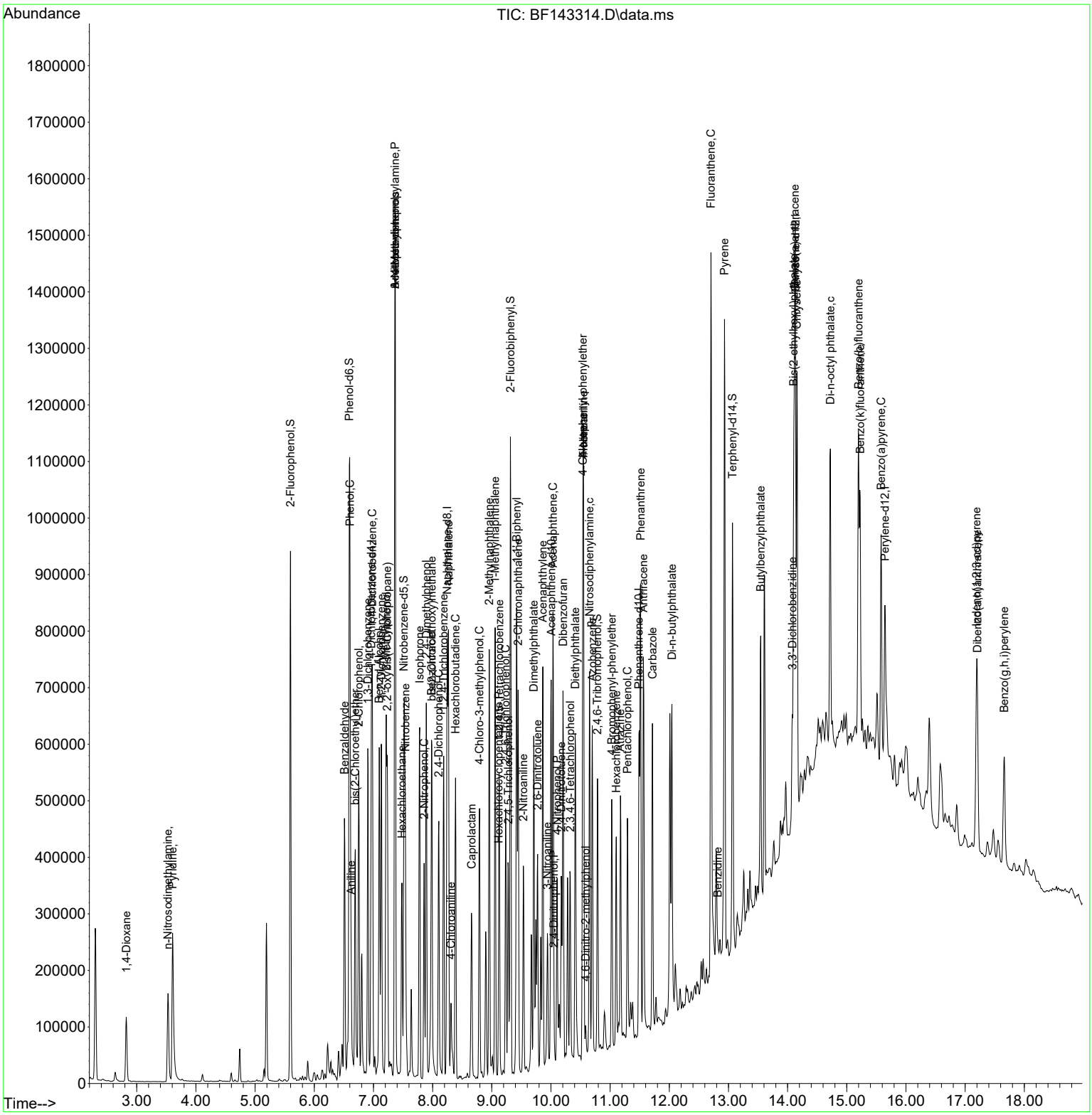
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143314.D
Acq On : 05 Aug 2025 14:28
Operator : RC/JU
Sample : Q2734-01MSD 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 14:49:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-253MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/06/2025
Supervised By :Jagrut Upadhyay 08/06/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143141.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:25 AM	Jagrut	7/18/2025 1:30:07 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Benzoic acid	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC010	BF143142.D	Phenol	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Benzoic acid	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICC020	BF143143.D	Phenol	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Benzoic acid	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Phenol	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Benzoic acid	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC050	BF143145.D	Phenol	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDICC060	BF143146.D	Phenol	Rahul	7/18/2025 10:30:38 AM	Jagrut	7/18/2025 1:30:19 PM	Peak Integrated by Software
SSTDICC080	BF143147.D	Benzoic acid	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BF143147.D	Phenol	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software
SSTDICV040	BF143148.D	Phenol	Rahul	7/18/2025 10:30:44 AM	Jagrut	7/18/2025 1:30:24 PM	Peak Integrated by Software
SSTDCCC040	BF143157.D	Phenol	Rahul	7/18/2025 10:31:02 AM	Jagrut	7/18/2025 1:30:41 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf080425	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2743-01	BF143294.D	Benzo(b)fluoranthene	Rahul	8/5/2025 8:05:24 AM	Jagrut	8/5/2025 11:29:11 AM	Peak Integrated by Software
Q2743-01	BF143294.D	Benzo(k)fluoranthene	Rahul	8/5/2025 8:05:24 AM	Jagrut	8/5/2025 11:29:11 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf080525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169095BS	BF143307.D	Caprolactam	Rahul	8/6/2025 8:29:34 AM	Jagrut	8/6/2025 10:56:28 AM	Peak Integrated by Software
Q2734-01MS	BF143313.D	2,4-Dimethylphenol	Rahul	8/6/2025 8:29:48 AM	Jagrut	8/6/2025 10:56:39 AM	Peak Integrated by Software
Q2734-01MS	BF143313.D	Benzo(k)fluoranthene	Rahul	8/6/2025 8:29:48 AM	Jagrut	8/6/2025 10:56:39 AM	Peak Integrated by Software
Q2734-01MSD	BF143314.D	2,4-Dimethylphenol	Rahul	8/6/2025 8:29:51 AM	Jagrut	8/6/2025 10:56:42 AM	Peak Integrated by Software
Q2734-01MSD	BF143314.D	Benzo(k)fluoranthene	Rahul	8/6/2025 8:29:51 AM	Jagrut	8/6/2025 10:56:42 AM	Peak Integrated by Software
SSTDCCC040	BF143319.D	Benzoic acid	Rahul	8/6/2025 11:54:27 AM	Jagrut	8/6/2025 11:54:43 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM				
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM				
SubDirectory	BF071725	HP Acquire Method	BNA_F		HP Processing Method	bf071725	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143138.D	17 Jul 2025 09:58	RC/JU	Ok
2	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	RC/JU	Not Ok
3	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04	RC/JU	Ok
4	SSTDICC005	BF143141.D	17 Jul 2025 11:34	RC/JU	Ok,M
5	SSTDICC010	BF143142.D	17 Jul 2025 12:04	RC/JU	Ok,M
6	SSTDICC020	BF143143.D	17 Jul 2025 12:34	RC/JU	Ok,M
7	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	RC/JU	Ok,M
8	SSTDICC050	BF143145.D	17 Jul 2025 13:33	RC/JU	Ok,M
9	SSTDICC060	BF143146.D	17 Jul 2025 14:04	RC/JU	Ok,M
10	SSTDICC080	BF143147.D	17 Jul 2025 14:34	RC/JU	Ok,M
11	SSTDICV040	BF143148.D	17 Jul 2025 15:06	RC/JU	Ok,M
12	PB168813BL	BF143149.D	17 Jul 2025 15:36	RC/JU	Ok
13	Q2126-03	BF143150.D	17 Jul 2025 16:06	RC/JU	Ok,M
14	Q2126-03	BF143151.D	17 Jul 2025 16:36	RC/JU	Ok,M
15	Q2126-09	BF143152.D	17 Jul 2025 17:07	RC/JU	Ok,M
16	Q2126-09	BF143153.D	17 Jul 2025 17:37	RC/JU	Ok,M
17	PB168816BL	BF143154.D	17 Jul 2025 18:07	RC/JU	Ok
18	PB167904BL	BF143155.D	17 Jul 2025 18:37	RC/JU	Ok
19	PB167904BS	BF143156.D	17 Jul 2025 19:07	RC/JU	Ok,M
20	SSTDCCC040	BF143157.D	17 Jul 2025 19:37	RC/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF080425

Review By	Rahul	Review On	8/5/2025 10:10:37 AM				
Supervise By	Jagrut	Supervise On	8/5/2025 12:17:58 PM				
SubDirectory	BF080425	HP Acquire Method	BNA_F		HP Processing Method	bf071725	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13169,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143289.D	04 Aug 2025 11:36	RC/JU	Ok
2	SSTDCCC040	BF143290.D	04 Aug 2025 12:04	RC/JU	Ok
3	PB169095BL	BF143291.D	04 Aug 2025 12:40	RC/JU	Not Ok
4	PB169095BS	BF143292.D	04 Aug 2025 13:08	RC/JU	Not Ok
5	Q2736-01	BF143293.D	04 Aug 2025 13:42	RC/JU	Ok
6	Q2743-01	BF143294.D	04 Aug 2025 14:10	RC/JU	Ok,M
7	Q2753-01	BF143295.D	04 Aug 2025 14:40	RC/JU	Ok
8	Q2740-01	BF143296.D	04 Aug 2025 15:09	RC/JU	Dilution
9	Q2741-01	BF143297.D	04 Aug 2025 15:38	RC/JU	Ok,M
10	Q2734-02	BF143298.D	04 Aug 2025 16:07	RC/JU	Ok
11	Q2734-02MS	BF143299.D	04 Aug 2025 16:36	RC/JU	Ok
12	Q2734-02MSD	BF143300.D	04 Aug 2025 17:05	RC/JU	Ok
13	Q2753-02	BF143301.D	04 Aug 2025 17:34	RC/JU	Ok
14	Q2740-01DL	BF143302.D	04 Aug 2025 18:03	RC/JU	Ok,M
15	Q2734-01	BF143303.D	04 Aug 2025 18:32	RC/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF080525

Review By	Rahul	Review On	8/6/2025 10:17:44 AM		
Supervise By	Jagrut	Supervise On	8/6/2025 10:56:56 AM		
SubDirectory	BF080525	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13169,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143304.D	05 Aug 2025 09:02	RC/JU	Ok
2	SSTDCCC040	BF143305.D	05 Aug 2025 10:00	RC/JU	Ok
3	PB169095BL	BF143306.D	05 Aug 2025 10:29	RC/JU	Ok
4	PB169095BS	BF143307.D	05 Aug 2025 10:58	RC/JU	Ok,M
5	Q2747-01	BF143308.D	05 Aug 2025 11:34	RC/JU	Ok,M
6	Q2747-03	BF143309.D	05 Aug 2025 12:03	RC/JU	Ok,M
7	Q2747-05	BF143310.D	05 Aug 2025 12:32	RC/JU	Ok
8	Q2747-07	BF143311.D	05 Aug 2025 13:01	RC/JU	Ok,M
9	Q2747-09	BF143312.D	05 Aug 2025 13:30	RC/JU	Ok,M
10	Q2734-01MS	BF143313.D	05 Aug 2025 13:59	RC/JU	Ok,M
11	Q2734-01MSD	BF143314.D	05 Aug 2025 14:28	RC/JU	Ok,M
12	Q2759-01	BF143315.D	05 Aug 2025 14:57	RC/JU	Dilution
13	Q2758-01	BF143316.D	05 Aug 2025 15:26	RC/JU	Ok,M
14	Q2760-01	BF143317.D	05 Aug 2025 15:55	RC/JU	Ok
15	Q2759-01DL	BF143318.D	05 Aug 2025 16:24	RC/JU	Ok
16	SSTDCCC040	BF143319.D	05 Aug 2025 16:54	RC/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143138.D	17 Jul 2025 09:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF143141.D	17 Jul 2025 11:34		RC/JU	Ok,M
5	SSTDICC010	SSTDICC010	BF143142.D	17 Jul 2025 12:04		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF143143.D	17 Jul 2025 12:34		RC/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	Compound #32,54,65 Kept on LR	RC/JU	Ok,M
8	SSTDICC050	SSTDICC050	BF143145.D	17 Jul 2025 13:33		RC/JU	Ok,M
9	SSTDICC060	SSTDICC060	BF143146.D	17 Jul 2025 14:04		RC/JU	Ok,M
10	SSTDICC080	SSTDICC080	BF143147.D	17 Jul 2025 14:34	Compound#77 removed from 80 ppm	RC/JU	Ok,M
11	SSTDICV040	ICVBF071725	BF143148.D	17 Jul 2025 15:06		RC/JU	Ok,M
12	PB168813BL	PB168813BL	BF143149.D	17 Jul 2025 15:36		RC/JU	Ok
13	Q2126-03	MDL-SOIL-03-QT2-202	BF143150.D	17 Jul 2025 16:06	MDL-SOIL 4 ppm	RC/JU	Ok,M
14	Q2126-03	MDL-SOIL-03-QT2-202	BF143151.D	17 Jul 2025 16:36	MDL-SOIL 8 ppm	RC/JU	Ok,M
15	Q2126-09	MDL-WATER-03-QT2-2	BF143152.D	17 Jul 2025 17:07	MDL-WATER 4 ppm	RC/JU	Ok,M
16	Q2126-09	MDL-WATER-03-QT2-2	BF143153.D	17 Jul 2025 17:37	MDL-WATER 8 ppm	RC/JU	Ok,M
17	PB168816BL	PB168816BL	BF143154.D	17 Jul 2025 18:07		RC/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB167904BL	PB167904BL	BF143155.D	17 Jul 2025 18:37		RC/JU	Ok
19	PB167904BS	PB167904BS	BF143156.D	17 Jul 2025 19:07		RC/JU	Ok,M
20	SSTDCCC040	SSTDCCC040EC	BF143157.D	17 Jul 2025 19:37		RC/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF080425

Review By	Rahul	Review On	8/5/2025 10:10:37 AM		
Supervise By	Jagrut	Supervise On	8/5/2025 12:17:58 PM		
SubDirectory	BF080425	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13169,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143289.D	04 Aug 2025 11:36		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143290.D	04 Aug 2025 12:04		RC/JU	Ok
3	PB169095BL	PB169095BL	BF143291.D	04 Aug 2025 12:40	End CCC missing. Analyzed for contamination check.	RC/JU	Not Ok
4	PB169095BS	PB169095BS	BF143292.D	04 Aug 2025 13:08	End CCC missing.	RC/JU	Not Ok
5	Q2736-01	PAD-073125	BF143293.D	04 Aug 2025 13:42		RC/JU	Ok
6	Q2743-01	WC1	BF143294.D	04 Aug 2025 14:10		RC/JU	Ok,M
7	Q2753-01	289	BF143295.D	04 Aug 2025 14:40		RC/JU	Ok
8	Q2740-01	OR-02-07312025	BF143296.D	04 Aug 2025 15:09	Need 5X Dilution	RC/JU	Dilution
9	Q2741-01	TR-05-07312025	BF143297.D	04 Aug 2025 15:38		RC/JU	Ok,M
10	Q2734-02	VNJ-253	BF143298.D	04 Aug 2025 16:07		RC/JU	Ok
11	Q2734-02MS	VNJ-253MS	BF143299.D	04 Aug 2025 16:36		RC/JU	Ok
12	Q2734-02MSD	VNJ-253MSD	BF143300.D	04 Aug 2025 17:05		RC/JU	Ok
13	Q2753-02	289	BF143301.D	04 Aug 2025 17:34		RC/JU	Ok
14	Q2740-01DL	OR-02-07312025DL	BF143302.D	04 Aug 2025 18:03		RC/JU	Ok,M
15	Q2734-01	VNJ-253	BF143303.D	04 Aug 2025 18:32		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF080525

Review By	Rahul	Review On	8/6/2025 10:17:44 AM		
Supervise By	Jagrut	Supervise On	8/6/2025 10:56:56 AM		
SubDirectory	BF080525	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13169,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143304.D	05 Aug 2025 09:02		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143305.D	05 Aug 2025 10:00		RC/JU	Ok
3	PB169095BL	PB169095BL	BF143306.D	05 Aug 2025 10:29		RC/JU	Ok
4	PB169095BS	PB169095BS	BF143307.D	05 Aug 2025 10:58		RC/JU	Ok,M
5	Q2747-01	OU4-TS-GRILLO-OG2-	BF143308.D	05 Aug 2025 11:34		RC/JU	Ok,M
6	Q2747-03	OU4-TS-GRILLO-OG3-	BF143309.D	05 Aug 2025 12:03		RC/JU	Ok,M
7	Q2747-05	OU4-TS-GRILLO-OG4-	BF143310.D	05 Aug 2025 12:32		RC/JU	Ok
8	Q2747-07	OU4-TS-GRILLO-TSCF	BF143311.D	05 Aug 2025 13:01		RC/JU	Ok,M
9	Q2747-09	OU4-TS-GRILLO-TSCF	BF143312.D	05 Aug 2025 13:30		RC/JU	Ok,M
10	Q2734-01MS	VNJ-253MS	BF143313.D	05 Aug 2025 13:59		RC/JU	Ok,M
11	Q2734-01MSD	VNJ-253MSD	BF143314.D	05 Aug 2025 14:28		RC/JU	Ok,M
12	Q2759-01	SOLID-DRUMS	BF143315.D	05 Aug 2025 14:57	Need 5X.	RC/JU	Dilution
13	Q2758-01	WASTE	BF143316.D	05 Aug 2025 15:26		RC/JU	Ok,M
14	Q2760-01	NB-07-08042025	BF143317.D	05 Aug 2025 15:55		RC/JU	Ok
15	Q2759-01DL	SOLID-DRUMSDL	BF143318.D	05 Aug 2025 16:24		RC/JU	Ok
16	SSTDCCC040	SSTDCCC040EC	BF143319.D	05 Aug 2025 16:54		RC/JU	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169095

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: RJ

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 08/04/2025

Extraction Start Time : 09:20

Extraction End Date : 08/04/2025

Extraction End Time : 12:30

Concentration By: RS

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
LOQ	0.5ML	N/A	SP6817
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2629
Sand	N/A	E3951
Methylene Chloride	N/A	E3954
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/4/25	RS (Ext lab)	Rc/svoc
12:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169095

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 08/04/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169095BL	SBLK095	SVOC-TCL BNA -20	30.01	N/A	ritesh	RUPESH	1			U2-1
PB169095BS	SLCS095	SVOC-TCL BNA -20	30.03	N/A	ritesh	RUPESH	1			2
Q2734-01	VNJ-253	SVOC-TCL BNA -20	50.09	N/A	ritesh	RUPESH	1	E		3
Q2734-01MS	VNJ-253MS	SVOC-TCL BNA -20	50.05	N/A	ritesh	RUPESH	1	E		4
Q2734-01MSD	VNJ-253MSD	SVOC-TCL BNA -20	50.03	N/A	ritesh	RUPESH	1	E		5
Q2736-01	PAD-073125	SVOC-PAH	50.02	N/A	ritesh	RUPESH	1	E		6
Q2740-01	OR-02-07312025	SVOC-TCL BNA -20	50.08	N/A	ritesh	RUPESH	1	E		U3-1
Q2741-01	TR-05-07312025	SVOC-TCL BNA -20	50.06	N/A	ritesh	RUPESH	1	E		2
Q2743-01	WC1	SVOC-TCL BNA -20	30.04	N/A	ritesh	RUPESH	1	E		3
Q2747-01	OU4-TS-GRILLO-OG2-073125	SVOCMS Group3	30.07	N/A	ritesh	RUPESH	1	E		4
Q2747-03	OU4-TS-GRILLO-OG3-073125	SVOCMS Group3	30.03	N/A	ritesh	RUPESH	1	E		5
Q2747-05	OU4-TS-GRILLO-OG4-073125	SVOCMS Group3	30.01	N/A	ritesh	RUPESH	1	E		6
Q2747-07	OU4-TS-GRILLO-TSCP01-073125	SVOCMS Group3	30.04	N/A	ritesh	RUPESH	1	E		U6-1
Q2747-09	OU4-TS-GRILLO-TSCP02-073125	SVOCMS Group3	30.09	N/A	ritesh	RUPESH	1	E		2
Q2753-01	289	SVOC-TCL BNA -20	50.03	N/A	ritesh	RUPESH	1	E		3

RS 8/4

* **Extracts relinquished on the same date as received.**

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2747 **WorkList ID :** 191077 **Department :** Extraction **Date :** 08-04-2025 08:39:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2734-01	VNJ-253	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	07/31/2025	8270E
Q2736-01	PAD-073125	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D21	07/31/2025	8270E
Q2740-01	OR-02-07312025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D21	07/31/2025	8270E
Q2741-01	TR-05-07312025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D21	07/31/2025	8270E
Q2743-01	WC1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	GENV01	O13	07/31/2025	8270E
Q2747-01	OU4-TS-GRILLO-OG2-073125	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O32	07/31/2025	8270E
Q2747-03	OU4-TS-GRILLO-OG3-073125	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O32	07/31/2025	8270E
Q2747-05	OU4-TS-GRILLO-OG4-073125	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O32	07/31/2025	8270E
Q2747-07	OU4-TS-GRILLO-TSCP01-073'	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O32	07/31/2025	8270E
Q2747-09	OU4-TS-GRILLO-TSCP02-073'	Solid	SVOCMS Group3	Cool 4 deg C	NOBI03	O32	07/31/2025	8270E
Q2753-01	289	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG01		08/01/2025	8270E

Date/Time 08/04/25 9:15
Raw Sample Received by: RJ (EEL-Web)
Raw Sample Relinquished by: AC/SM

Date/Time 08/04/25 9:30
Raw Sample Received by: AC/SM
Raw Sample Relinquished by: RJ (EEL-Web)

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LAB CHRONICLE

OrderID:	Q2743	**OrderDate:**	7/31/2025 4:05:00 PM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2743-01	**WC1**	**SOIL**			**07/31/25**			**07/31/25**
			SVOC-TCL BNA -20	8270E		08/04/25	08/04/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2743 **Order ID:** Q2743

Client: G Environmental **Project ID:** Capra

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	78.3 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112693.D	1	08/01/25 12:05	08/02/25 02:47	PB169086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.00	U	5.00	21.7	ug/kg
11104-28-2	Aroclor-1221	5.10	U	5.10	21.7	ug/kg
11141-16-5	Aroclor-1232	4.70	U	4.70	21.7	ug/kg
53469-21-9	Aroclor-1242	5.10	U	5.10	21.7	ug/kg
12672-29-6	Aroclor-1248	7.50	U	7.50	21.7	ug/kg
11097-69-1	Aroclor-1254	4.10	U	4.10	21.7	ug/kg
37324-23-5	Aroclor-1262	6.40	U	6.40	21.7	ug/kg
11100-14-4	Aroclor-1268	4.60	U	4.60	21.7	ug/kg
11096-82-5	Aroclor-1260	4.10	U	4.10	21.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		30 (32) - 150 (144)	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		30 (32) - 150 (175)	84%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2743

Client: G Environmental

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO112413.D	PIBLK-PO112413.D	Tetrachloro-m-xyl	1	20	19.1	95		70 (60)	130 (140)
		Decachlorobiphen	1	20	20.0	100		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.5	98		70 (60)	130 (140)
		Decachlorobiphen	2	20	20.4	102		70 (60)	130 (140)
I.BLK-PO112673.D	PIBLK-PO112673.D	Tetrachloro-m-xyl	1	20	17.6	88		70 (60)	130 (140)
		Decachlorobiphen	1	20	18.6	93		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	16.9	85		70 (60)	130 (140)
		Decachlorobiphen	2	20	18.2	91		70 (60)	130 (140)
PB169086BL	PB169086BL	Tetrachloro-m-xyl	1	20	18.1	90		30 (32)	150 (144)
		Decachlorobiphen	1	20	19.9	100		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	17.3	87		30 (32)	150 (144)
		Decachlorobiphen	2	20	19.2	96		30 (32)	150 (175)
PB169086BS	PB169086BS	Tetrachloro-m-xyl	1	20	18.4	92		30 (32)	150 (144)
		Decachlorobiphen	1	20	20.2	101		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	17.5	87		30 (32)	150 (144)
		Decachlorobiphen	2	20	19.9	100		30 (32)	150 (175)
Q2740-01MS	OR-02-07312025MS	Tetrachloro-m-xyl	1	20	16.7	84		30 (32)	150 (144)
		Decachlorobiphen	1	20	14.2	71		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	19.7	99		30 (32)	150 (144)
		Decachlorobiphen	2	20	16.7	83		30 (32)	150 (175)
Q2740-01MSD	OR-02-07312025MSD	Tetrachloro-m-xyl	1	20	18.0	90		30 (32)	150 (144)
		Decachlorobiphen	1	20	14.0	70		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	19.5	98		30 (32)	150 (144)
		Decachlorobiphen	2	20	16.2	81		30 (32)	150 (175)
I.BLK-PO112688.D	PIBLK-PO112688.D	Tetrachloro-m-xyl	1	20	17.3	87		70 (60)	130 (140)
		Decachlorobiphen	1	20	16.3	81		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	16.7	83		70 (60)	130 (140)
		Decachlorobiphen	2	20	17.8	89		70 (60)	130 (140)
Q2743-01	WC1	Tetrachloro-m-xyl	1	20	19.4	97		30 (32)	150 (144)
		Decachlorobiphen	1	20	14.6	73		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	18.3	92		30 (32)	150 (144)
		Decachlorobiphen	2	20	16.8	84		30 (32)	150 (175)
I.BLK-PO112703.D	PIBLK-PO112703.D	Tetrachloro-m-xyl	1	20	18.0	90		70 (60)	130 (140)
		Decachlorobiphen	1	20	17.5	87		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	17.4	87		70 (60)	130 (140)
		Decachlorobiphen	2	20	18.0	90		70 (60)	130 (140)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** 8082A

Client: G Environmental **DataFile :** PO112679.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2740-01MS (Column 1)**	**Client Sample ID:**		**OR-02-07312025MS**								
	AR1016	175.8	0	151	ug/kg	86				40 (55)	140 (146)	
	AR1260	175.8	0	112	ug/kg	64				40 (54)	140 (119)	
Lab Sample ID:	**Q2740-01MS (Column 2)**	**Client Sample ID:**		**OR-02-07312025MS**								
	AR1016	175.8	0	144	ug/kg	82				40 (55)	140 (146)	
	AR1260	175.8	0	129	ug/kg	73				40 (54)	140 (119)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** 8082A

Client: G Environmental **DataFile :** PO112680.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2740-01MSD (Column 1)**	**Client Sample ID:**		**OR-02-07312025MSD**								
	AR1016	175.7	0	150	ug/kg	85		1		40 (55)	140 (146)	30 (15)
	AR1260	175.7	0	109	ug/kg	62		3		40 (54)	140 (119)	30 (15)
Lab Sample ID:	**Q2740-01MSD (Column 2)**	**Client Sample ID:**		**OR-02-07312025MSD**								
	AR1016	175.7	0	141	ug/kg	80		2		40 (55)	140 (146)	30 (15)
	AR1260	175.7	0	128	ug/kg	73		0		40 (54)	140 (119)	30 (15)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2743 **Analytical Method:** 8082A

Client: G Environmental **Datafile :** PO112675.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169086BS (Column 1)	AR1016	166.6	161	ug/kg	97				40 (71)	140 (120)	
	AR1260	166.6	154	ug/kg	92				40 (65)	140 (130)	
PB169086BS (Column 2)	AR1016	166.6	148	ug/kg	89				40 (71)	140 (120)	
	AR1260	166.6	153	ug/kg	92				40 (65)	140 (130)	

( ) = LABORATORY INHOUSE LIMIT

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169086BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2743

Lab Sample ID: PB169086BL | Lab File ID: PO112674.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 08/01/2025

Date Analyzed (1): 08/01/2025 | Date Analyzed (2): 08/01/2025

Time Analyzed (1): 19:26 | Time Analyzed (2): 19:26

Instrument ID (1): ECD_O | Instrument ID (2): ECD_O

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB169086BS	PB169086BS	PO112675.D	08/01/2025	08/01/2025
OR-02-07312025MS	Q2740-01MS	PO112679.D	08/01/2025	08/01/2025
OR-02-07312025MSD	Q2740-01MSD	PO112680.D	08/01/2025	08/01/2025
WC1	Q2743-01	PO112693.D	08/02/2025	08/02/2025

COMMENTS:

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169086BL		SDG No.:	Q2743	
Lab Sample ID:	PB169086BL		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112674.D	1	08/01/25 12:05	08/01/25 19:26	PB169086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		30 (32) - 150 (144)	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		30 (32) - 150 (175)	100%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	07/23/25	
Project:	Capra		Date Received:	07/23/25	
Client Sample ID:	PIBLK-PO112413.D		SDG No.:	Q2743	
Lab Sample ID:	I.BLK-PO112413.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112413.D	1		07/23/25	PO072325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		70 (60) - 130 (140)	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		70 (60) - 130 (140)	100%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	G Environmental		Date Collected:	08/01/25	
Project:	Capra		Date Received:	08/01/25	
Client Sample ID:	PIBLK-PO112673.D		SDG No.:	Q2743	
Lab Sample ID:	I.BLK-PO112673.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112673.D	1		08/01/25	po080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.9		70 (60) - 130 (140)	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.2		70 (60) - 130 (140)	91%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	G Environmental		Date Collected:	08/02/25	
Project:	Capra		Date Received:	08/02/25	
Client Sample ID:	PIBLK-PO112688.D		SDG No.:	Q2743	
Lab Sample ID:	I.BLK-PO112688.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112688.D	1		08/02/25	po080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.7		70 (60) - 130 (140)	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		70 (60) - 130 (140)	81%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	G Environmental	Date Collected:	08/02/25
Project:	Capra	Date Received:	08/02/25
Client Sample ID:	PIBLK-PO112703.D	SDG No.:	Q2743
Lab Sample ID:	I.BLK-PO112703.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112703.D	1		08/02/25	po080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.4		70 (60) - 130 (140)	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		70 (60) - 130 (140)	87%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169086BS		SDG No.:	Q2743	
Lab Sample ID:	PB169086BS		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112675.D	1	08/01/25 12:05	08/01/25 19:44	PB169086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	161		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	154		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		30 (32) - 150 (144)	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.2		30 (32) - 150 (175)	101%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	OR-02-07312025MS	SDG No.:	Q2743
Lab Sample ID:	Q2740-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	94.6 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112679.D	1	08/01/25 12:05	08/01/25 20:58	PB169086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	151		4.20	17.9	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	17.9	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.9	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	17.9	ug/kg
12672-29-6	Aroclor-1248	6.20	U	6.20	17.9	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	17.9	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	17.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	17.9	ug/kg
11096-82-5	Aroclor-1260	129		3.40	17.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		30 (32) - 150 (144)	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		30 (32) - 150 (175)	83%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	OR-02-07312025MSD	SDG No.:	Q2743
Lab Sample ID:	Q2740-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	94.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112680.D	1	08/01/25 12:05	08/01/25 21:16	PB169086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	150		4.20	17.9	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.9	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.9	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	17.9	ug/kg
12672-29-6	Aroclor-1248	6.20	U	6.20	17.9	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	17.9	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	17.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	17.9	ug/kg
11096-82-5	Aroclor-1260	128		3.40	17.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.5		30 (32) - 150 (144)	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.2		30 (32) - 150 (175)	81%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O
Contract: GENV01
SDG NO.: Q2743
Calibration Date(s): 07/23/2025 07/23/2025
Calibration Times: 11:32 19:47

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO112414.D RT 750 = PO112415.D
RT 500 = PO112416.D RT 250 = PO112417.D RT 050 = PO112418.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.76	4.75	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-2	(2)	4.78	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-3	(3)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1016-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-5	(5)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1260-1	(1)	6.25	6.24	6.25	6.24	6.25	6.24	6.14	6.34
Aroclor-1260-2	(2)	6.44	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-3	(3)	6.80	6.80	6.80	6.80	6.80	6.80	6.70	6.90
Aroclor-1260-4	(4)	7.06	7.06	7.06	7.06	7.06	7.06	6.96	7.16
Aroclor-1260-5	(5)	7.30	7.30	7.30	7.30	7.30	7.30	7.20	7.40
Decachlorobiphenyl		8.70	8.69	8.69	8.69	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1242-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-2	(2)	4.78	4.77	4.77	4.77	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Aroclor-1242-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-5	(5)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Decachlorobiphenyl		8.69	8.69	8.69	8.69	8.70	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1248-1	(1)	4.76	4.76	4.75	4.76	4.76	4.76	4.66	4.86
Aroclor-1248-2	(2)	4.99	4.99	4.99	4.99	5.00	4.99	4.89	5.09
Aroclor-1248-3	(3)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1248-4	(4)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Aroclor-1248-5	(5)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Decachlorobiphenyl		8.69	8.69	8.69	8.70	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1254-1	(1)	5.56	5.56	5.56	5.56	5.56	5.56	5.46	5.66
Aroclor-1254-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1254-3	(3)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1254-4	(4)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1254-5	(5)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Decachlorobiphenyl		8.69	8.69	8.70	8.69	8.69	8.69	8.59	8.79
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1268-1	(1)	7.59	7.59	7.59	7.58	7.59	7.59	7.49	7.69
Aroclor-1268-2	(2)	7.65	7.65	7.65	7.65	7.65	7.65	7.55	7.75
Aroclor-1268-3	(3)	7.86	7.86	7.86	7.86	7.86	7.86	7.76	7.96
Aroclor-1268-4	(4)	8.15	8.15	8.15	8.14	8.15	8.15	8.05	8.25
Aroclor-1268-5	(5)	8.44	8.44	8.44	8.44	8.44	8.44	8.34	8.54

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.70	8.70	8.70	8.69	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

Instrument ID: ECD_O **Calibration Date(s):** 07/23/2025 07/23/2025

Calibration Times: 11:32 19:47

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO112414.D RT 750 = PO112415.D

RT 500 = PO112416.D RT 250 = PO112417.D RT 050 = PO112418.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1016-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-3	(3)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1016-4	(4)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1016-5	(5)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1260-1	(1)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1260-2	(2)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Aroclor-1260-3	(3)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-4	(4)	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aroclor-1260-5	(5)	7.27	7.26	7.26	7.26	7.27	7.26	7.16	7.36
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1242-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1242-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-3	(3)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1242-4	(4)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1242-5	(5)	5.53	5.53	5.53	5.53	5.54	5.53	5.43	5.63
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1248-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1248-2	(2)	4.97	4.97	4.97	4.97	4.97	4.97	4.87	5.07
Aroclor-1248-3	(3)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1248-4	(4)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1248-5	(5)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.54	5.54	5.54	5.53	5.53	5.54	5.44	5.64
Aroclor-1254-2	(2)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1254-3	(3)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1254-4	(4)	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Aroclor-1254-5	(5)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Decachlorobiphenyl		8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1268-1	(1)	7.55	7.55	7.55	7.55	7.55	7.55	7.45	7.65
Aroclor-1268-2	(2)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Aroclor-1268-3	(3)	7.82	7.82	7.82	7.82	7.82	7.82	7.72	7.92
Aroclor-1268-4	(4)	8.10	8.10	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1268-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: GENV01
SDG NO.: Q2743
Calibration Date(s): 07/23/2025 07/23/2025
Calibration Times: 11:32 19:47

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO112414.D CF 750 = PO112415.D
CF 500 = PO112416.D CF 250 = PO112417.D CF 050 = PO112418.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	281481703	285148303	290849518	279501268	204848240	268365806	13
Aroclor-1016-2	(2)	418001550	431852928	433849136	420704900	326178800	406117463	11
Aroclor-1016-3	(3)	263638281	273794351	273610504	262887848	234438940	261673985	6
Aroclor-1016-4	(4)	216165184	219268720	223332708	213740540	186700200	211841470	6
Aroclor-1016-5	(5)	221113370	228268088	233867428	235369996	178734160	219470608	10
Aroclor-1260-1	(1)	431773857	450001749	476240286	447612572	391026880	439331069	7
Aroclor-1260-2	(2)	673380136	698254531	722944530	686506064	658383800	687893812	3
Aroclor-1260-3	(3)	611274773	627246767	610311884	614713140	476551180	588019549	10
Aroclor-1260-4	(4)	447285263	461047633	473248904	505121600	368319820	451004644	11
Aroclor-1260-5	(5)	1262689005	1283961461	1337121492	1347466800	964454900	1239138732	12
Decachlorobiphenyl		7456684020	7676252293	7829495380	7672255680	5924316000	7311800675	11
Tetrachloro-m-xylene		8554863660	8750848067	8754072420	8314620000	6283438800	8131568589	13
Aroclor-1242-1	(1)	256299409	259568919	260660454	265097176	196334180	247592028	11
Aroclor-1242-2	(2)	381137122	387088803	391556862	393536916	295648160	369793573	11
Aroclor-1242-3	(3)	241769617	246476011	248315054	252195680	194532760	236657824	10
Aroclor-1242-4	(4)	195717021	198363989	201564902	203398396	172348620	194278586	6
Aroclor-1242-5	(5)	215656431	220174447	229182990	229543836	175020200	213915581	10
Decachlorobiphenyl		8000645330	8037989413	8087967020	8086832920	6389983800	7720683697	10
Tetrachloro-m-xylene		9125652230	9195232120	9219491440	9207437080	6341808000	8617924174	15
Aroclor-1248-1	(1)	189314500	193406379	198364040	203445536	151513120	187208715	10
Aroclor-1248-2	(2)	257058197	266019899	270572928	278752472	203158020	255112303	11
Aroclor-1248-3	(3)	329824745	342687100	350417966	364320620	331255900	343701266	4
Aroclor-1248-4	(4)	503150480	523568551	540549606	563745892	409374460	508077798	11
Aroclor-1248-5	(5)	346508966	363261911	374337920	392493440	271353380	349591123	13
Decachlorobiphenyl		7900018490	8086308400	8195171040	8262080520	6143274400	7717370570	12
Tetrachloro-m-xylene		8946590960	9189061507	9273186240	9357342160	6567561400	8666748453	14
Aroclor-1254-1	(1)	525205609	551869540	568048078	599161796	500508140	548958633	7
Aroclor-1254-2	(2)	467389736	490253857	501431616	531267632	439250900	485918748	7
Aroclor-1254-3	(3)	736681841	765368536	778116616	788008044	653257120	744286431	7
Aroclor-1254-4	(4)	537295054	560529123	571244926	572391952	507057560	549703723	5
Aroclor-1254-5	(5)	713157717	729355651	738947588	743850736	613809420	707824222	7
Decachlorobiphenyl		7810644110	7988158653	8118440840	8069654680	6321650600	7661709777	10
Tetrachloro-m-xylene		8477893750	8928798520	9019842540	9077508800	7004909800	8501790682	10
Aroclor-1268-1	(1)	1805209287	1836925397	1850534848	1852730580	1410311920	1751142406	10

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1523811042	1548194379	1559255960	1566806172	1167050180	1473023547	11
Aroclor-1268-3	(3)	1298638460	1316156257	1333295814	1329215988	983852920	1252231888	11
Aroclor-1268-4	(4)	502325303	515160189	514467028	515975792	361392800	481864222	13
Aroclor-1268-5	(5)	3537850645	3568750916	3561527908	3536594816	2581136540	3357172165	12
Decachlorobiphenyl		14538757830	14683927053	14777305700	14801547680	10962984400	13952904533	12
Tetrachloro-m-xylene		8916461140	9229914440	9271431040	9355148600	6516020600	8657795164	14

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: GENV01
SDG NO.: Q2743
Calibration Date(s): 07/23/2025 07/23/2025
Calibration Times: 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO112414.D CF 750 = PO112415.D
CF 500 = PO112416.D CF 250 = PO112417.D CF 050 = PO112418.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	171399488	177928739	180256326	179838608	165612060	175007044	3
Aroclor-1016-2	(2)	254283756	266059885	273532534	272267680	236331280	260495027	6
Aroclor-1016-3	(3)	134555314	139369485	142347070	141007248	122553240	135966471	6
Aroclor-1016-4	(4)	106915956	111683577	115661150	118698688	102464540	111084782	6
Aroclor-1016-5	(5)	139169322	144750759	147937312	152336452	132321220	143303013	5
Aroclor-1260-1	(1)	240286237	254043527	261134446	258041412	229050000	248511124	5
Aroclor-1260-2	(2)	317223235	329626419	335041102	340620804	324956000	329493512	3
Aroclor-1260-3	(3)	256241072	262701627	269297872	275910760	220454080	256921082	8
Aroclor-1260-4	(4)	185740526	193469844	197255514	200936168	179151380	191310686	4
Aroclor-1260-5	(5)	419199446	421594747	433075366	434815624	352283180	412193673	8
Decachlorobiphenyl		1753295660	1820833173	1877801640	1892185680	1491444000	1767112031	9
Tetrachloro-m-xylene		5169666700	5314856493	5330554580	5111206560	3919594600	4969175787	12
Aroclor-1242-1	(1)	153645977	158282413	162201976	169125204	148714620	158394038	5
Aroclor-1242-2	(2)	230553136	236233123	241816698	253231308	206497880	233666429	7
Aroclor-1242-3	(3)	120997871	124593004	126633224	130347852	103373540	121189098	8
Aroclor-1242-4	(4)	116921071	120755713	124229780	129097232	122693120	122739383	3
Aroclor-1242-5	(5)	154482444	160907067	167116390	163960092	158390400	160971279	3
Decachlorobiphenyl		1831604040	1871840933	1924104720	1967119920	1579850400	1834904003	8
Tetrachloro-m-xylene		5483238770	5543459253	5573552360	5630865680	4061456200	5258514453	13
Aroclor-1248-1	(1)	116797575	121746903	126835386	132022196	110144520	121509316	7
Aroclor-1248-2	(2)	161755092	168905528	175846314	185366264	154525280	169279696	7
Aroclor-1248-3	(3)	170672394	178220732	184519824	194073912	160748960	177647164	7
Aroclor-1248-4	(4)	202462025	210645355	219142380	229572292	179950700	208354550	9
Aroclor-1248-5	(5)	207118457	216119221	227433754	242834452	180319280	214765033	10
Decachlorobiphenyl		1836524820	1878481893	1941164520	1982063240	1517022000	1831051295	10
Tetrachloro-m-xylene		5362990180	5502770333	5558036420	5629888520	4177350800	5246207251	12
Aroclor-1254-1	(1)	308086628	324598995	339171148	360746064	310502200	328621007	6
Aroclor-1254-2	(2)	269579969	283423153	295499466	318260532	280690420	289490708	6
Aroclor-1254-3	(3)	411643535	427646563	444183030	462345912	391487940	427461396	6
Aroclor-1254-4	(4)	256982627	269810957	279068642	286892132	272060980	272963068	4
Aroclor-1254-5	(5)	324913084	333876627	346327314	357344936	307636300	334019652	5
Decachlorobiphenyl		1794065640	1872151533	1910898600	1948005080	1573949600	1819814091	8
Tetrachloro-m-xylene		5135321880	5340323933	5419556800	5524764520	4404208000	5164835027	9
Aroclor-1268-1	(1)	514567345	516695037	532735372	551455976	473857920	517862330	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	421574479	425971267	436618852	454509592	386645480	425063934	6
Aroclor-1268-3	(3)	318758782	324505707	331241876	345977680	285851460	321267101	7
Aroclor-1268-4	(4)	111516853	115705837	114796592	121616720	92841800	111295560	9
Aroclor-1268-5	(5)	742715083	756736297	758808540	780432416	619995020	731737471	8
Decachlorobiphenyl		3224484190	3300929360	3351395200	3481054400	2726789400	3216930510	9
Tetrachloro-m-xylene		5326223920	5511724707	5541913900	5672741280	4190979000	5248716561	12

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

Instrument ID: ECD_O **Date(s) Analyzed:** 07/23/2025 07/23/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.88	3.78	3.98	96659600
		2	3.97	3.87	4.07	71862000
		3	4.04	3.94	4.14	237712000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.04	3.94	4.14	186979000
		2	4.54	4.44	4.64	107625000
		3	4.78	4.68	4.88	206800000
		4	4.95	4.85	5.05	104740000
		5	4.99	4.89	5.09	67880800
Aroclor-1262	500	1	6.80	6.70	6.90	929208000
		2	7.30	7.20	7.40	1487020000
		3	7.59	7.49	7.69	590252000
		4	7.65	7.55	7.75	994166000
		5	8.15	8.05	8.25	434062000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

Instrument ID: ECD_O **Date(s) Analyzed:** 07/23/2025 07/23/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.87	3.77	3.97	67265800
		2	3.96	3.86	4.06	50728000
		3	4.03	3.93	4.13	158529000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.03	3.93	4.13	126550000
		2	4.76	4.66	4.86	131155000
		3	4.93	4.83	5.03	67196800
		4	5.02	4.92	5.12	59829000
		5	5.19	5.09	5.29	65203000
Aroclor-1262	500	1	6.77	6.67	6.87	414828000
		2	7.27	7.17	7.37	515546000
		3	7.55	7.45	7.65	186525000
		4	7.61	7.51	7.71	288104000
		5	8.10	8.00	8.20	99503400

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

Continuing Calib Date: 08/01/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 17:36 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.80	6.80	6.70	6.90	0.00
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.00
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

Continuing Calib Date: 08/01/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 17:36 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/01/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112669.D **Time Analyzed:** 17:36

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.754	4.655	4.855	514.840	500.000	3.0
Aroclor-1016-2	4.772	4.674	4.874	510.810	500.000	2.2
Aroclor-1016-3	4.829	4.731	4.931	501.300	500.000	0.3
Aroclor-1016-4	4.949	4.851	5.051	504.280	500.000	0.9
Aroclor-1016-5	5.206	5.108	5.308	529.170	500.000	5.8
Aroclor-1260-1	6.242	6.145	6.345	516.150	500.000	3.2
Aroclor-1260-2	6.432	6.333	6.533	510.260	500.000	2.1
Aroclor-1260-3	6.797	6.700	6.900	540.320	500.000	8.1
Aroclor-1260-4	7.057	6.959	7.159	512.110	500.000	2.4
Aroclor-1260-5	7.300	7.203	7.403	512.920	500.000	2.6
Decachlorobiphenyl	8.690	8.593	8.793	51.050	50.000	2.1
Tetrachloro-m-xylene	3.669	3.569	3.769	50.460	50.000	0.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/01/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112669.D **Time Analyzed:** 17:36

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.735	4.638	4.838	469.070	500.000	-6.2
Aroclor-1016-2	4.754	4.656	4.856	468.840	500.000	-6.2
Aroclor-1016-3	4.928	4.831	5.031	469.990	500.000	-6.0
Aroclor-1016-4	4.971	4.873	5.073	474.700	500.000	-5.1
Aroclor-1016-5	5.183	5.085	5.285	482.200	500.000	-3.6
Aroclor-1260-1	6.210	6.113	6.313	490.920	500.000	-1.8
Aroclor-1260-2	6.399	6.302	6.502	489.550	500.000	-2.1
Aroclor-1260-3	6.550	6.453	6.653	501.170	500.000	0.2
Aroclor-1260-4	7.019	6.923	7.123	501.040	500.000	0.2
Aroclor-1260-5	7.261	7.164	7.364	516.750	500.000	3.4
Decachlorobiphenyl	8.635	8.540	8.740	49.030	50.000	-1.9
Tetrachloro-m-xylene	3.661	3.562	3.762	47.760	50.000	-4.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

Continuing Calib Date: 08/01/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 23:25 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.80	6.80	6.70	6.90	0.00
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.00
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

Continuing Calib Date: 08/01/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 23:25 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.64	8.64	8.54	8.74	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/01/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112684.D **Time Analyzed:** 23:25

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.753	4.655	4.855	515.160	500.000	3.0
Aroclor-1016-2	4.772	4.674	4.874	509.870	500.000	2.0
Aroclor-1016-3	4.829	4.731	4.931	504.170	500.000	0.8
Aroclor-1016-4	4.948	4.851	5.051	504.910	500.000	1.0
Aroclor-1016-5	5.204	5.108	5.308	519.150	500.000	3.8
Aroclor-1260-1	6.242	6.145	6.345	462.370	500.000	-7.5
Aroclor-1260-2	6.432	6.333	6.533	471.310	500.000	-5.7
Aroclor-1260-3	6.797	6.700	6.900	528.970	500.000	5.8
Aroclor-1260-4	7.056	6.959	7.159	476.180	500.000	-4.8
Aroclor-1260-5	7.299	7.203	7.403	457.960	500.000	-8.4
Decachlorobiphenyl	8.689	8.593	8.793	44.870	50.000	-10.3
Tetrachloro-m-xylene	3.669	3.569	3.769	48.780	50.000	-2.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/01/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112684.D **Time Analyzed:** 23:25

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.735	4.638	4.838	470.850	500.000	-5.8
Aroclor-1016-2	4.753	4.656	4.856	472.360	500.000	-5.5
Aroclor-1016-3	4.928	4.831	5.031	478.280	500.000	-4.3
Aroclor-1016-4	4.971	4.873	5.073	476.770	500.000	-4.6
Aroclor-1016-5	5.182	5.085	5.285	500.310	500.000	0.1
Aroclor-1260-1	6.210	6.113	6.313	476.650	500.000	-4.7
Aroclor-1260-2	6.398	6.302	6.502	474.650	500.000	-5.1
Aroclor-1260-3	6.549	6.453	6.653	481.070	500.000	-3.8
Aroclor-1260-4	7.019	6.923	7.123	470.950	500.000	-5.8
Aroclor-1260-5	7.261	7.164	7.364	475.840	500.000	-4.8
Decachlorobiphenyl	8.635	8.540	8.740	47.230	50.000	-5.5
Tetrachloro-m-xylene	3.661	3.562	3.762	47.890	50.000	-4.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

Continuing Calib Date: 08/02/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 05:31 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.83	4.83	4.73	4.93	0.00
Aroclor-1016-4	(4)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-5	(5)	5.20	5.21	5.11	5.31	0.01
Aroclor-1260-1	(1)	6.24	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.43	6.43	6.33	6.53	0.00
Aroclor-1260-3	(3)	6.80	6.80	6.70	6.90	0.00
Aroclor-1260-4	(4)	7.06	7.06	6.96	7.16	0.00
Aroclor-1260-5	(5)	7.30	7.30	7.20	7.40	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.69	8.69	8.59	8.79	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

Continuing Calib Date: 08/02/2025 **Initial Calibration Date(s):** 07/23/2025 07/23/2025

Continuing Calib Time: 05:31 **Initial Calibration Time(s):** 11:32 19:47

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.93	4.83	5.03	0.00
Aroclor-1016-4	(4)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.21	6.11	6.31	0.00
Aroclor-1260-2	(2)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-3	(3)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-4	(4)	7.02	7.02	6.92	7.12	0.00
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/02/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112699.D **Time Analyzed:** 05:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.754	4.655	4.855	527.860	500.000	5.6
Aroclor-1016-2	4.772	4.674	4.874	527.500	500.000	5.5
Aroclor-1016-3	4.829	4.731	4.931	523.700	500.000	4.7
Aroclor-1016-4	4.949	4.851	5.051	523.450	500.000	4.7
Aroclor-1016-5	5.204	5.108	5.308	545.960	500.000	9.2
Aroclor-1260-1	6.242	6.145	6.345	508.960	500.000	1.8
Aroclor-1260-2	6.431	6.333	6.533	496.200	500.000	-0.8
Aroclor-1260-3	6.797	6.700	6.900	570.430	500.000	14.1
Aroclor-1260-4	7.056	6.959	7.159	562.600	500.000	12.5
Aroclor-1260-5	7.299	7.203	7.403	509.040	500.000	1.8
Decachlorobiphenyl	8.689	8.593	8.793	46.740	50.000	-6.5
Tetrachloro-m-xylene	3.669	3.569	3.769	51.450	50.000	2.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **SDG NO.:** Q2743

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/23/2025 07/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/02/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112699.D **Time Analyzed:** 05:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.734	4.638	4.838	487.380	500.000	-2.5
Aroclor-1016-2	4.753	4.656	4.856	484.740	500.000	-3.1
Aroclor-1016-3	4.927	4.831	5.031	488.910	500.000	-2.2
Aroclor-1016-4	4.970	4.873	5.073	482.960	500.000	-3.4
Aroclor-1016-5	5.182	5.085	5.285	524.090	500.000	4.8
Aroclor-1260-1	6.210	6.113	6.313	508.980	500.000	1.8
Aroclor-1260-2	6.398	6.302	6.502	503.840	500.000	0.8
Aroclor-1260-3	6.548	6.453	6.653	506.700	500.000	1.3
Aroclor-1260-4	7.018	6.923	7.123	495.640	500.000	-0.9
Aroclor-1260-5	7.260	7.164	7.364	505.010	500.000	1.0
Decachlorobiphenyl	8.634	8.540	8.740	49.090	50.000	-1.8
Tetrachloro-m-xylene	3.660	3.562	3.762	49.390	50.000	-1.2

Alliance TECHNICAL GROUP
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Analytical Sequence

Client: G Environmental **SDG No.:** Q2743

Project: Capra **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/23/2025 07/23/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/23/2025	11:14	PO112413.D	8.69	3.67
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.70	3.67
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.69	3.67
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.69	3.67
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.69	3.67
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.69	3.67
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.69	3.67
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.69	3.67
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.69	3.67
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.69	3.67
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.69	3.67
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.69	3.67
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.70	3.67
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.69	3.67
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.69	3.67
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.69	3.67
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.70	3.67
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.69	3.67
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.69	3.67
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.69	3.67
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.70	3.67
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.69	3.67
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.69	3.67
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.70	3.67
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.70	3.67
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.70	3.67
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.70	3.67
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.69	3.67
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.70	3.67
AR1660CCC500	AR1660CCC500	08/01/2025	17:36	PO112669.D	8.69	3.67
I.BLK	I.BLK	08/01/2025	19:08	PO112673.D	8.69	3.67
PB169086BL	PB169086BL	08/01/2025	19:26	PO112674.D	8.69	3.67
PB169086BS	PB169086BS	08/01/2025	19:44	PO112675.D	8.69	3.67
OR-02-07312025MS	Q2740-01MS	08/01/2025	20:58	PO112679.D	8.69	3.67
OR-02-07312025MSD	Q2740-01MSD	08/01/2025	21:16	PO112680.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/01/2025	23:25	PO112684.D	8.69	3.67
I.BLK	I.BLK	08/02/2025	01:15	PO112688.D	8.69	3.67
WC1	Q2743-01	08/02/2025	02:47	PO112693.D	8.69	3.67
AR1660CCC500	AR1660CCC500	08/02/2025	05:31	PO112699.D	8.69	3.67
I.BLK	I.BLK	08/02/2025	07:01	PO112703.D	8.69	3.67

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Analytical Sequence

Client: G Environmental **SDG No.:** Q2743

Project: Capra **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/23/2025 07/23/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/23/2025	11:14	PO112413.D	8.64	3.66
AR1660ICC1000	AR1660ICC1000	07/23/2025	11:32	PO112414.D	8.64	3.66
AR1660ICC750	AR1660ICC750	07/23/2025	11:50	PO112415.D	8.64	3.66
AR1660ICC500	AR1660ICC500	07/23/2025	12:08	PO112416.D	8.64	3.66
AR1660ICC250	AR1660ICC250	07/23/2025	12:27	PO112417.D	8.64	3.66
AR1660ICC050	AR1660ICC050	07/23/2025	12:45	PO112418.D	8.64	3.66
AR1221ICC500	AR1221ICC500	07/23/2025	13:03	PO112419.D	8.64	3.66
AR1232ICC500	AR1232ICC500	07/23/2025	13:22	PO112420.D	8.64	3.66
AR1242ICC1000	AR1242ICC1000	07/23/2025	13:40	PO112421.D	8.64	3.66
AR1242ICC750	AR1242ICC750	07/23/2025	13:59	PO112422.D	8.64	3.66
AR1242ICC500	AR1242ICC500	07/23/2025	14:17	PO112423.D	8.64	3.66
AR1242ICC250	AR1242ICC250	07/23/2025	14:36	PO112424.D	8.64	3.66
AR1242ICC050	AR1242ICC050	07/23/2025	14:54	PO112425.D	8.64	3.66
AR1248ICC1000	AR1248ICC1000	07/23/2025	15:13	PO112426.D	8.64	3.66
AR1248ICC750	AR1248ICC750	07/23/2025	15:31	PO112427.D	8.64	3.66
AR1248ICC500	AR1248ICC500	07/23/2025	15:48	PO112428.D	8.64	3.66
AR1248ICC250	AR1248ICC250	07/23/2025	16:07	PO112429.D	8.64	3.66
AR1248ICC050	AR1248ICC050	07/23/2025	16:25	PO112430.D	8.64	3.66
AR1254ICC1000	AR1254ICC1000	07/23/2025	16:44	PO112431.D	8.64	3.66
AR1254ICC750	AR1254ICC750	07/23/2025	17:02	PO112432.D	8.64	3.66
AR1254ICC500	AR1254ICC500	07/23/2025	17:21	PO112433.D	8.64	3.66
AR1254ICC250	AR1254ICC250	07/23/2025	17:39	PO112434.D	8.64	3.66
AR1254ICC050	AR1254ICC050	07/23/2025	17:57	PO112435.D	8.64	3.66
AR1262ICC500	AR1262ICC500	07/23/2025	18:16	PO112436.D	8.64	3.66
AR1268ICC1000	AR1268ICC1000	07/23/2025	18:34	PO112437.D	8.64	3.66
AR1268ICC750	AR1268ICC750	07/23/2025	18:53	PO112438.D	8.64	3.66
AR1268ICC500	AR1268ICC500	07/23/2025	19:11	PO112439.D	8.64	3.66
AR1268ICC250	AR1268ICC250	07/23/2025	19:28	PO112440.D	8.64	3.66
AR1268ICC050	AR1268ICC050	07/23/2025	19:47	PO112441.D	8.64	3.66
AR1660CCC500	AR1660CCC500	08/01/2025	17:36	PO112669.D	8.64	3.66
I.BLK	I.BLK	08/01/2025	19:08	PO112673.D	8.64	3.66
PB169086BL	PB169086BL	08/01/2025	19:26	PO112674.D	8.64	3.66
PB169086BS	PB169086BS	08/01/2025	19:44	PO112675.D	8.64	3.66
OR-02-07312025MS	Q2740-01MS	08/01/2025	20:58	PO112679.D	8.63	3.66
OR-02-07312025MSD	Q2740-01MSD	08/01/2025	21:16	PO112680.D	8.64	3.66
AR1660CCC500	AR1660CCC500	08/01/2025	23:25	PO112684.D	8.64	3.66
I.BLK	I.BLK	08/02/2025	01:15	PO112688.D	8.63	3.66
WC1	Q2743-01	08/02/2025	02:47	PO112693.D	8.64	3.66
AR1660CCC500	AR1660CCC500	08/02/2025	05:31	PO112699.D	8.63	3.66
I.BLK	I.BLK	08/02/2025	07:01	PO112703.D	8.63	3.66

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169086BS

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2743

Lab Sample ID: PB169086BS Date(s) Analyzed: 08/01/2025 08/01/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO112675.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.754	4.704	4.804	164		
	2	4.772	4.722	4.822	164		
	3	4.83	4.78	4.88	159		
COLUMN 1	4	4.949	4.899	4.999	161		
	5	5.205	5.155	5.255	156	161	
	1	4.735	4.685	4.785	148		
	2	4.753	4.703	4.803	149		
	3	4.928	4.878	4.978	149		
	4	4.97	4.92	5.02	147		
COLUMN 2	5	5.183	5.133	5.233	145	148	8.41
Aroclor-1260	1	6.242	6.192	6.292	167		
	2	6.432	6.382	6.482	162		
	3	6.797	6.747	6.847	148		
COLUMN 1	4	7.056	7.006	7.106	145		
	5	7.298	7.248	7.348	149	154	
	1	6.21	6.16	6.26	160		
	2	6.398	6.348	6.448	158		
	3	6.55	6.5	6.6	163		
	4	7.019	6.969	7.069	140		
COLUMN 2	5	7.261	7.211	7.311	144	153	0.65

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OR-02-07312025MS

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2743

Lab Sample ID: Q2740-01MS Date(s) Analyzed: 08/01/2025 08/01/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO112679.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.753	4.703	4.803	136		
	2	4.772	4.722	4.822	131		
	3	4.829	4.779	4.879	138		
COLUMN 1	4	4.948	4.898	4.998	136		
	5	5.209	5.159	5.259	215	151	
	1	4.734	4.684	4.784	139		
	2	4.752	4.702	4.802	134		
	3	4.927	4.877	4.977	142		
	4	4.97	4.92	5.02	146		
COLUMN 2	5	5.182	5.132	5.232	161	144	4.75
Aroclor-1260	1	6.242	6.192	6.292	122		
	2	6.431	6.381	6.481	121		
	3	6.796	6.746	6.846	105		
COLUMN 1	4	7.055	7.005	7.105	105		
	5	7.298	7.248	7.348	106	112	
	1	6.21	6.16	6.26	142		
	2	6.398	6.348	6.448	133		
	3	6.548	6.498	6.598	126		
	4	7.018	6.968	7.068	117		
COLUMN 2	5	7.26	7.21	7.31	125	129	14.11

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OR-02-07312025MSD

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2743

Lab Sample ID: Q2740-01MSD Date(s) Analyzed: 08/01/2025 08/01/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO112680.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.753	4.703	4.803	139		
	2	4.771	4.721	4.821	131		
	3	4.829	4.779	4.879	138		
COLUMN 1	4	4.948	4.898	4.998	140		
	5	5.208	5.158	5.258	201	150	
	1	4.734	4.684	4.784	141		
	2	4.753	4.703	4.803	134		
	3	4.928	4.878	4.978	137		
	4	4.971	4.921	5.021	141		
COLUMN 2	5	5.183	5.133	5.233	152	141	6.19
Aroclor-1260	1	6.242	6.192	6.292	125		
	2	6.431	6.381	6.481	119		
	3	6.796	6.746	6.846	101		
COLUMN 1	4	7.056	7.006	7.106	98.2		
	5	7.299	7.249	7.349	103	109	
	1	6.21	6.16	6.26	142		
	2	6.398	6.348	6.448	132		
	3	6.549	6.499	6.599	126		
	4	7.019	6.969	7.069	113		
COLUMN 2	5	7.261	7.211	7.311	125	128	16.03

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080125\
Data File : PO112693.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2025 02:47
Operator : YP/AJ
Sample : Q2743-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WC1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 04:09:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.669	3.661	157.7E6	91118153	19.388	18.337
2)	SA Decachlor...	8.691	8.635	107.0E6	29746554	14.629	16.833
	Target Compounds						

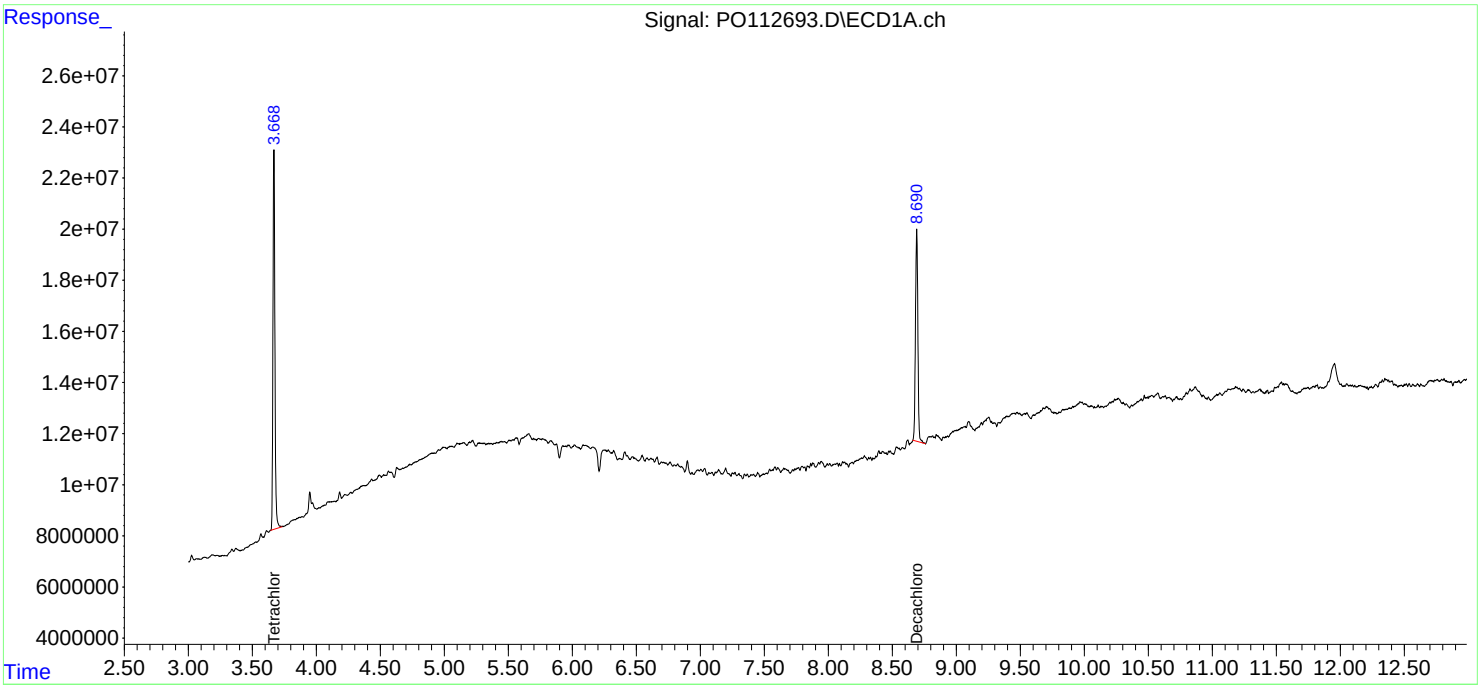
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

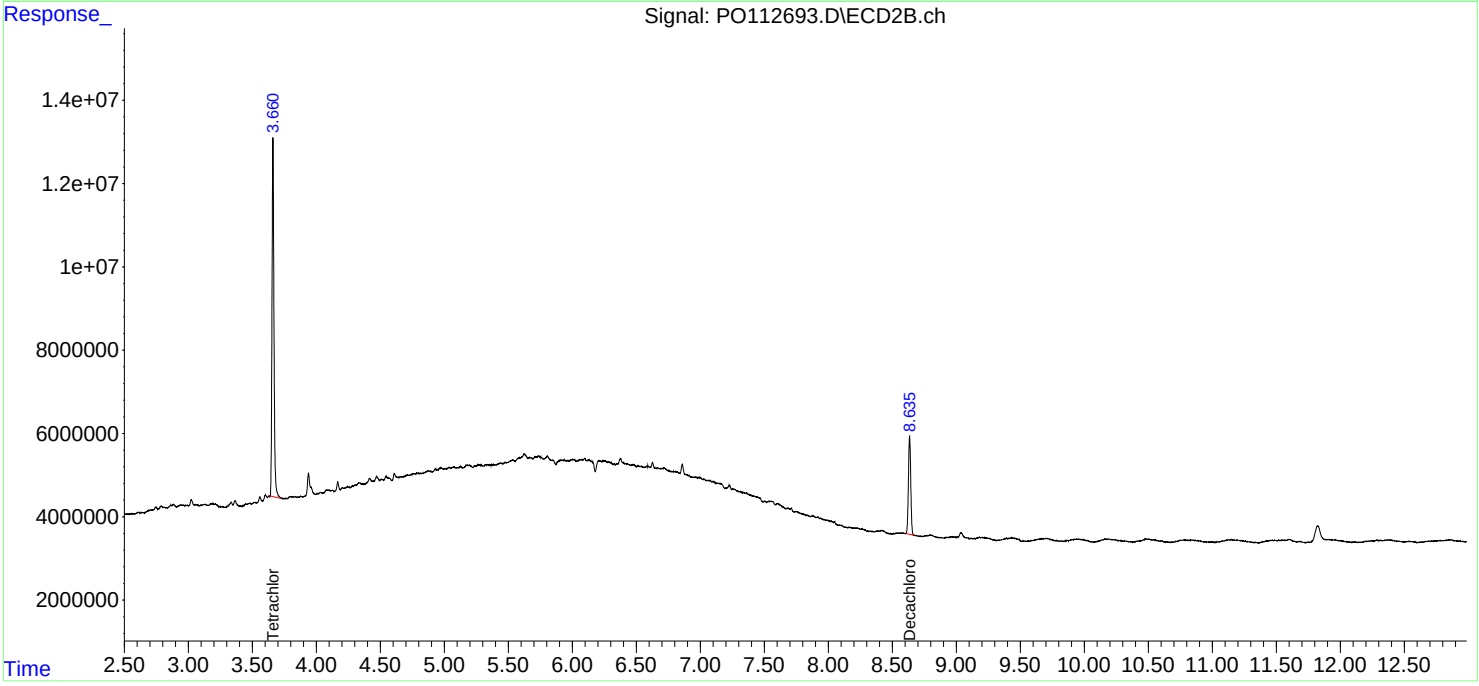
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080125\
Data File : PO112693.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2025 02:47
Operator : YP/AJ
Sample : Q2743-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

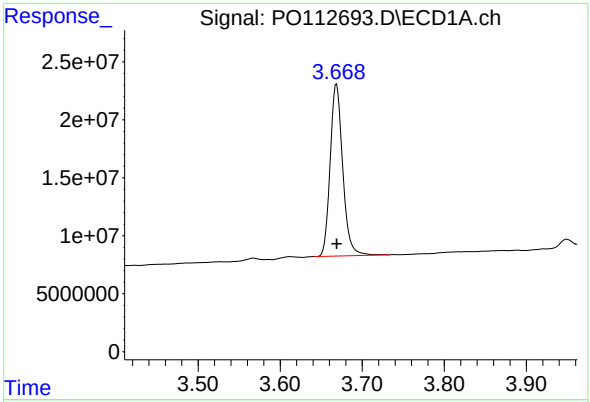
Instrument :
ECD_O
ClientSampleId :
WC1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 04:09:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



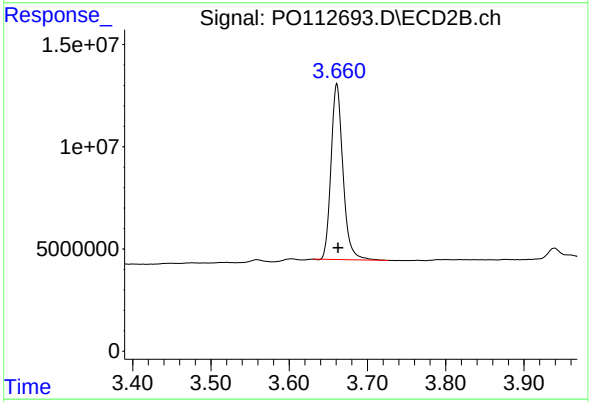




#1 Tetrachloro-m-xylene

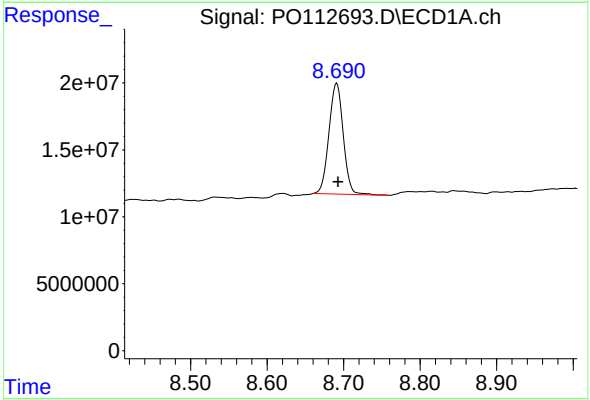
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 157653024
Conc: 19.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC1



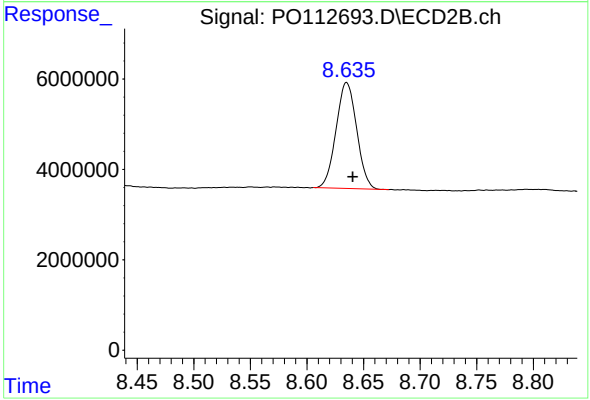
#1 Tetrachloro-m-xylene

R.T.: 3.661 min
Delta R.T.: -0.002 min
Response: 91118153
Conc: 18.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 106965359
Conc: 14.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.635 min
Delta R.T.: -0.005 min
Response: 29746554
Conc: 16.83 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080125\
Data File : PO112674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:26
Operator : YP/AJ
Sample : PB169086BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169086BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 02:34:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.668	3.660	146.8E6	86062668	18.058	17.319
2)	SA Decachlor...	8.690	8.635	145.7E6	33932658	19.924	19.202
	Target Compounds						

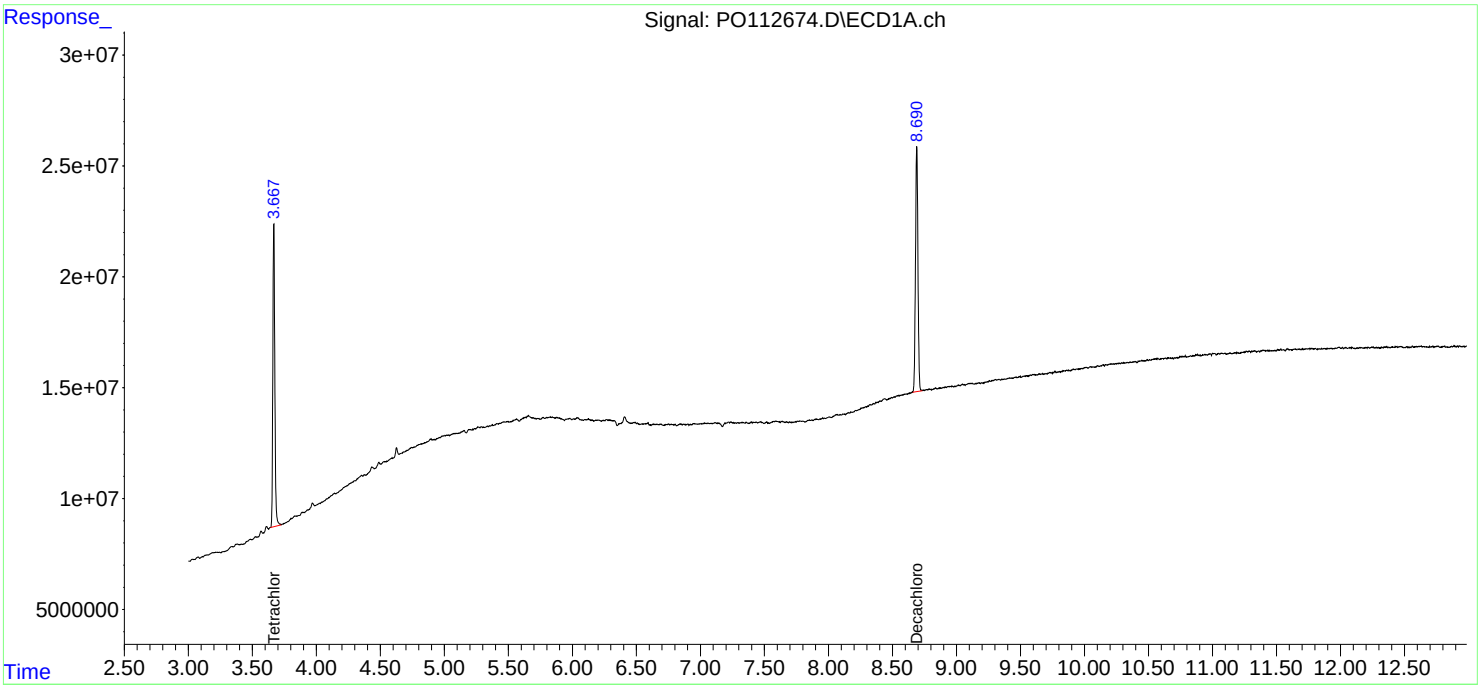
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

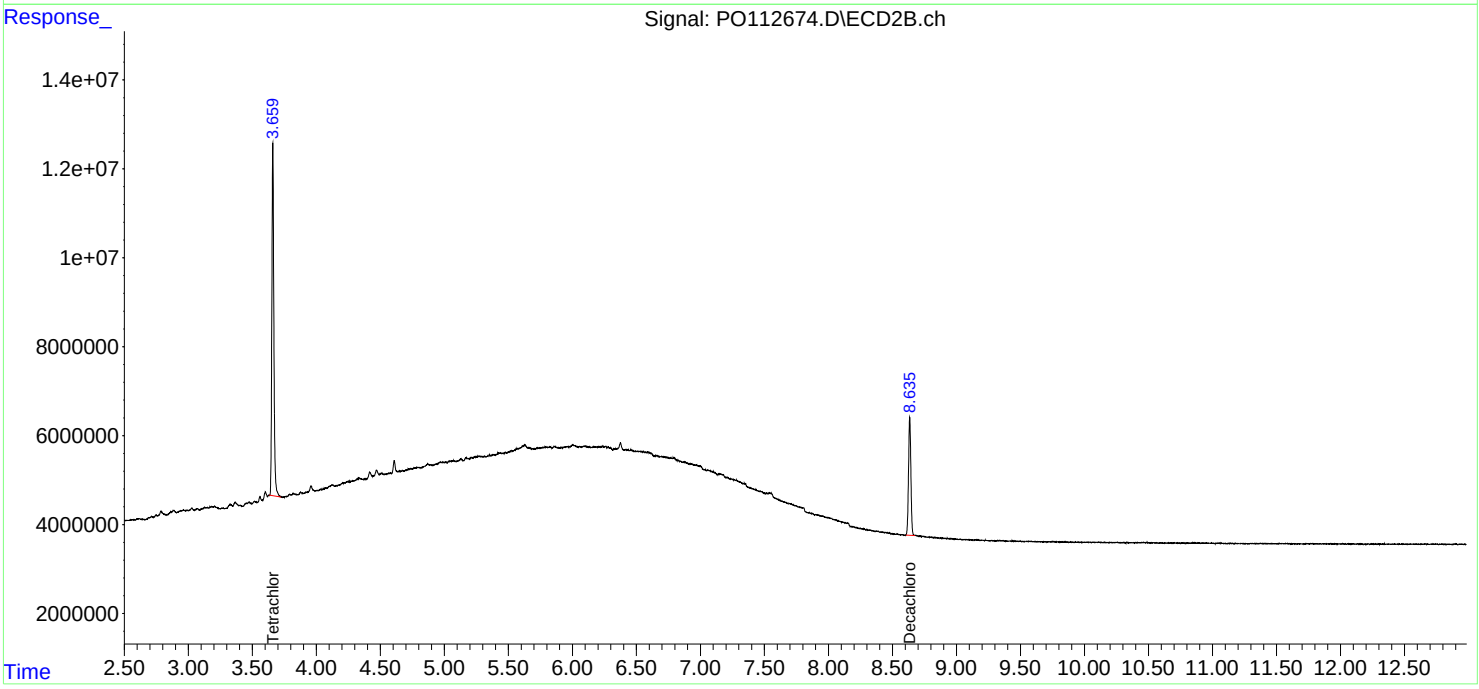
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080125\
Data File : PO112674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:26
Operator : YP/AJ
Sample : PB169086BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

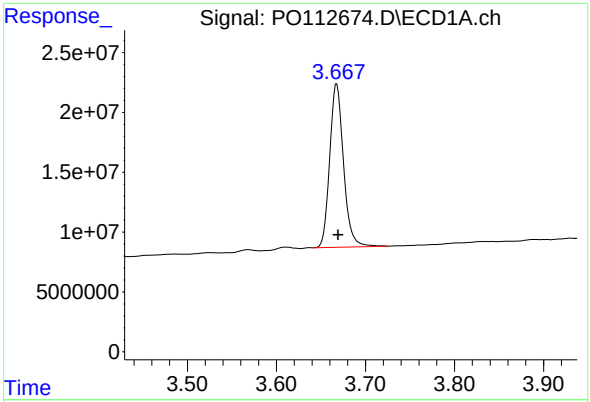
Instrument :
ECD_O
ClientSampleId :
PB169086BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 02:34:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



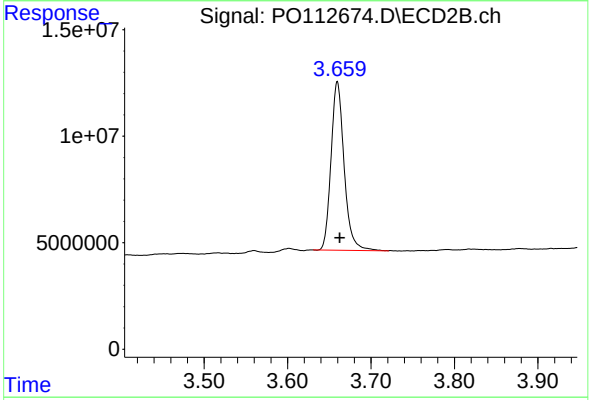




#1 Tetrachloro-m-xylene

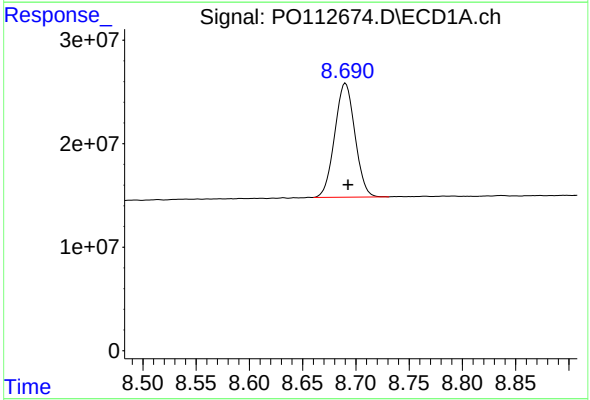
R.T.: 3.668 min
Delta R.T.: -0.001 min
Response: 146838442
Conc: 18.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB169086BL



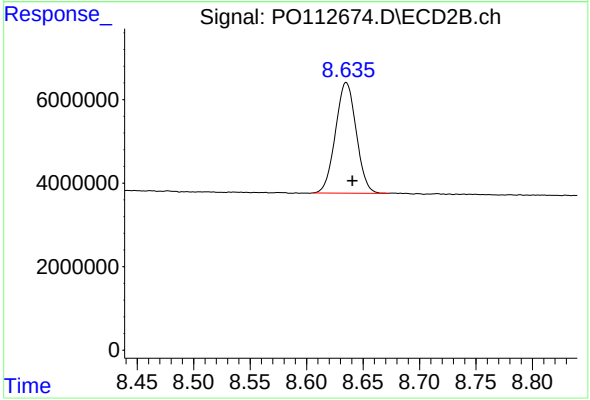
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 86062668
Conc: 17.32 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.690 min
Delta R.T.: -0.002 min
Response: 145681604
Conc: 19.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.635 min
Delta R.T.: -0.005 min
Response: 33932658
Conc: 19.20 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080125\
Data File : PO112675.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:44
Operator : YP/AJ
Sample : PB169086BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169086BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 02:34:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.669	3.661	149.8E6	86909613	18.423	17.490
2)	SA Decachlor...	8.689	8.635	148.0E6	35171843	20.235	19.904
	Target Compounds						
3)	L1 AR-1016-1	4.754	4.735	131.7E6	77841398	490.752	444.790
4)	L1 AR-1016-2	4.772	4.753	199.3E6	116.8E6	490.815	448.530
5)	L1 AR-1016-3	4.830	4.928	124.6E6	60636716	476.222	445.968
6)	L1 AR-1016-4	4.949	4.970	102.1E6	48898334	482.169	440.189
7)	L1 AR-1016-5	5.205	5.183	103.0E6	62378271	469.133	435.289
31)	L7 AR-1260-1	6.242	6.210	220.6E6	119.2E6	502.198	479.483
32)	L7 AR-1260-2	6.432	6.398	334.8E6	156.0E6	486.718	473.341
33)	L7 AR-1260-3	6.797	6.550	260.4E6	125.8E6	442.812	489.492
34)	L7 AR-1260-4	7.056	7.019	196.5E6	80210861	435.595	419.270
35)	L7 AR-1260-5	7.298	7.261	552.6E6	177.8E6	445.939	431.291

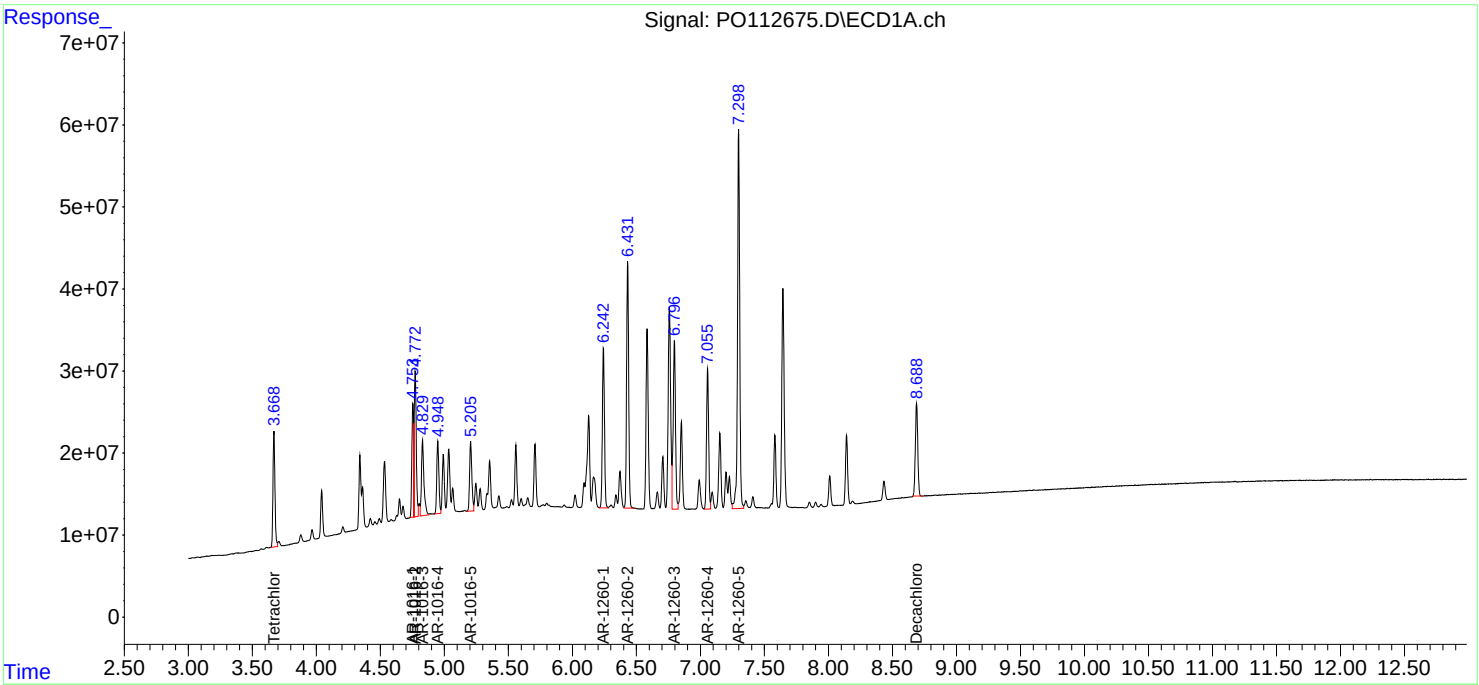
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

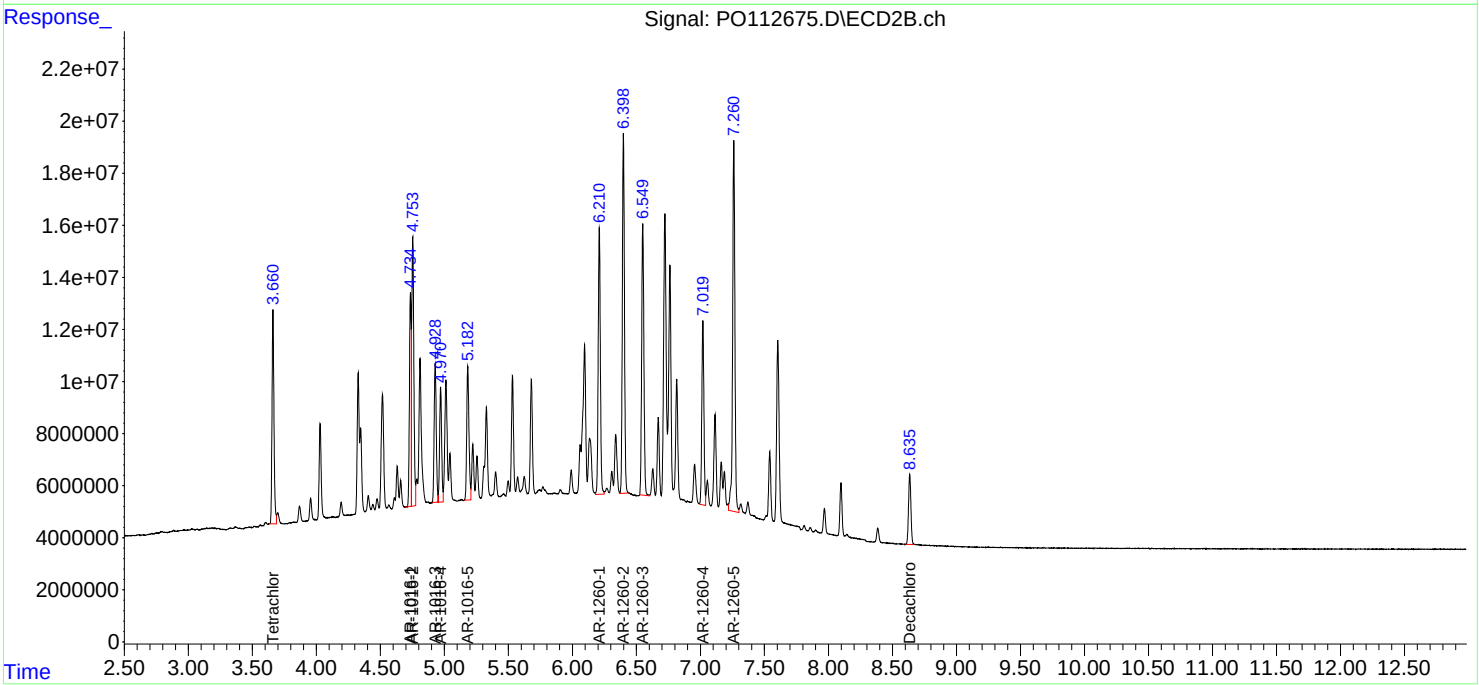
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080125\
Data File : PO112675.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:44
Operator : YP/AJ
Sample : PB169086BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB169086BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 02:34:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080125\
Data File : PO112679.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:58
Operator : YP/AJ
Sample : Q2740-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
OR-02-07312025MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 02:36:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.668	3.660	136.1E6	97926456	16.733m	19.707m
2)	SA Decachlor...	8.688	8.634	103.7E6	29438120	14.187	16.659
	Target Compounds						
3)	L1 AR-1016-1	4.753	4.734	103.4E6	69417283	385.323	396.654m
4)	L1 AR-1016-2	4.772	4.752	151.0E6	99259293	371.772	381.041m
5)	L1 AR-1016-3	4.829	4.927	102.7E6	54726106	392.547	402.497
6)	L1 AR-1016-4	4.948	4.970	82080277	46186494	387.461	415.777
7)	L1 AR-1016-5	5.209	5.182	133.9E6	65458965	610.297m	456.787 #
31)	L7 AR-1260-1	6.242	6.210	152.5E6	100.2E6	347.109	403.078
32)	L7 AR-1260-2	6.431	6.398	237.0E6	124.8E6	344.507	378.872
33)	L7 AR-1260-3	6.796	6.548	175.1E6	92238443	297.855	359.015m
34)	L7 AR-1260-4	7.055	7.018	134.4E6	63730868	297.933	333.128
35)	L7 AR-1260-5	7.298	7.260	373.7E6	146.6E6	301.616	355.558

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

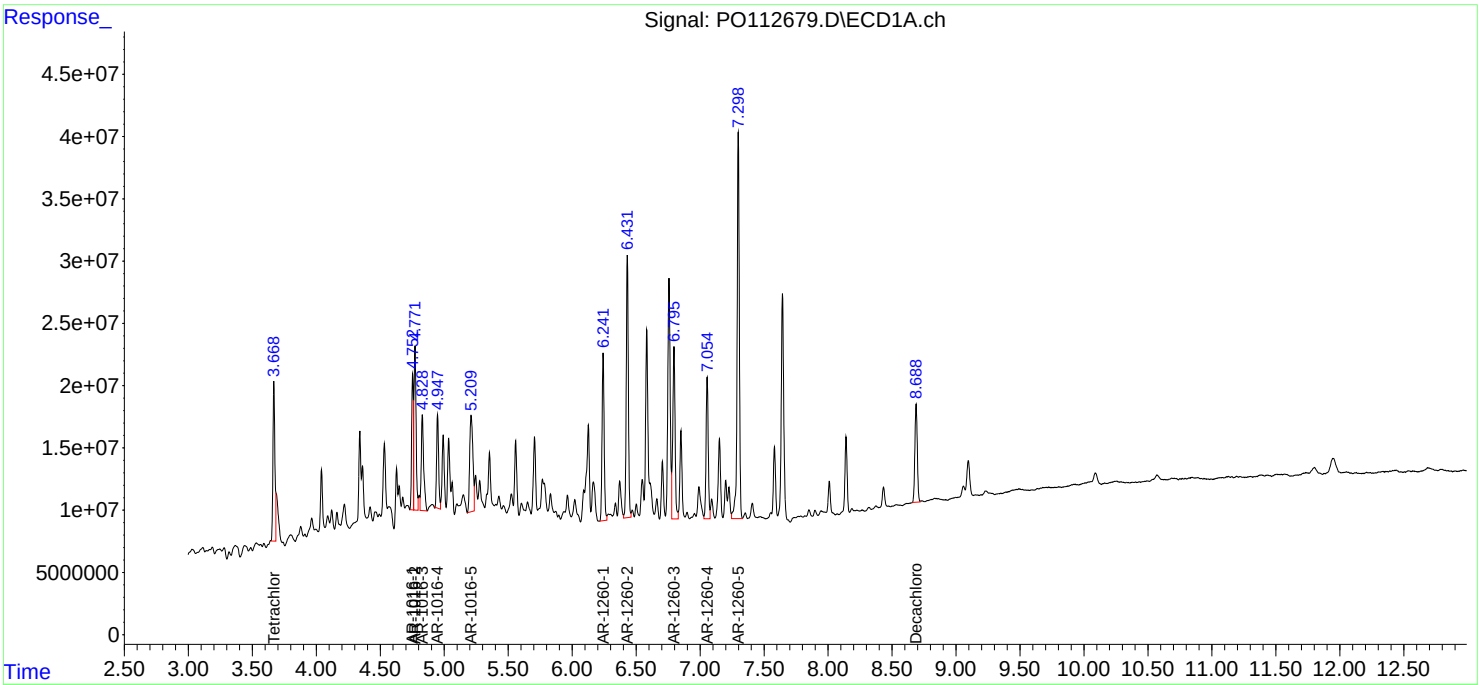
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080125\
Data File : PO112679.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:58
Operator : YP/AJ
Sample : Q2740-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

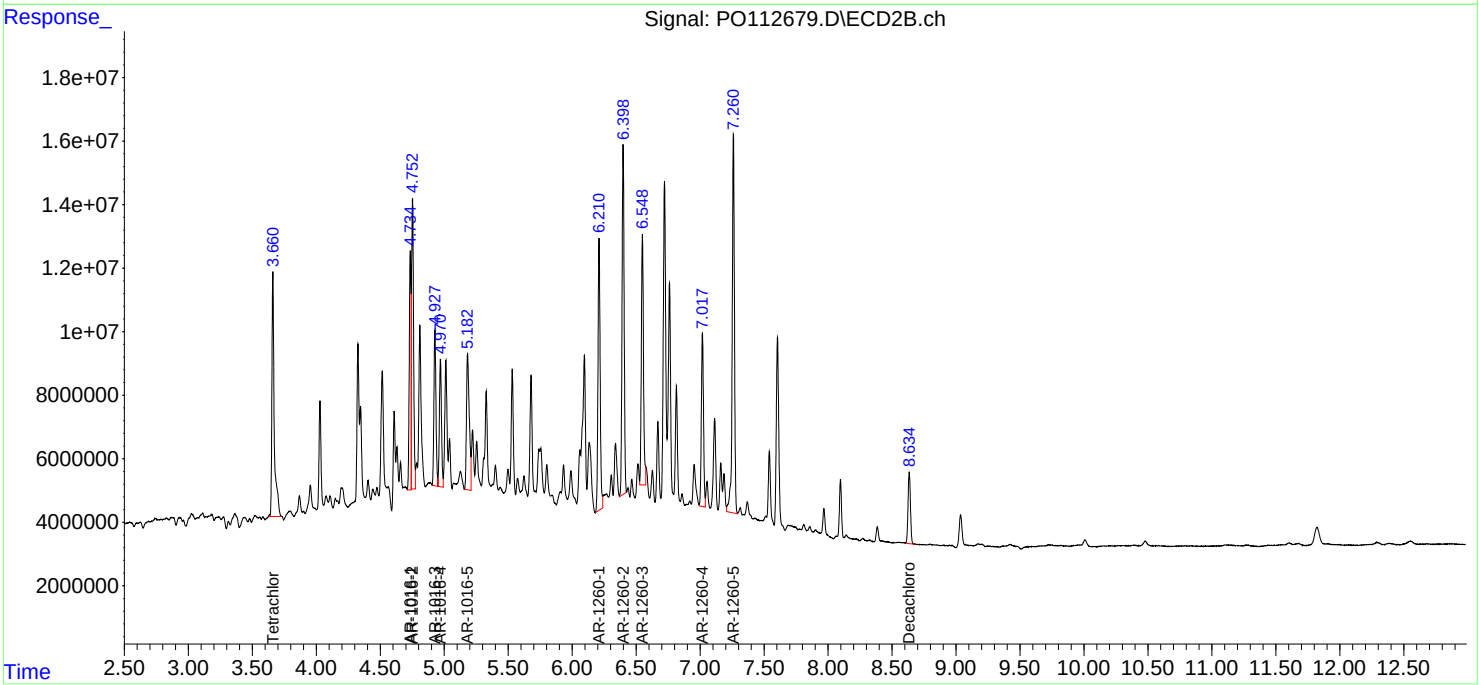
Instrument :
ECD_O
ClientSampleId :
OR-02-07312025MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/04/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 02:36:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080125\
Data File : PO112680.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 21:16
Operator : YP/AJ
Sample : Q2740-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
OR-02-07312025MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 02:36:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.667	3.660	146.6E6	96899978	18.028m	19.500m
2)	SA Decachlor...	8.690	8.635	102.5E6	28637570	14.014	16.206
	Target Compounds						
3)	L1 AR-1016-1	4.753	4.734	106.2E6	70288102	395.856	401.630m
4)	L1 AR-1016-2	4.771	4.753	151.5E6	99097285	373.139	380.419m
5)	L1 AR-1016-3	4.829	4.928	102.4E6	53034853	391.287	390.058
6)	L1 AR-1016-4	4.948	4.971	84118664	44494845	397.083	400.549
7)	L1 AR-1016-5	5.208	5.183	125.3E6	62121756	570.881m	433.499
31)	L7 AR-1260-1	6.242	6.210	156.8E6	100.5E6	356.895	404.311
32)	L7 AR-1260-2	6.431	6.398	233.9E6	123.5E6	339.994	374.686
33)	L7 AR-1260-3	6.796	6.549	169.4E6	92029232	288.053	358.200m
34)	L7 AR-1260-4	7.056	7.019	126.0E6	61735564	279.400	322.698
35)	L7 AR-1260-5	7.299	7.261	362.9E6	146.6E6	292.864	355.694

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

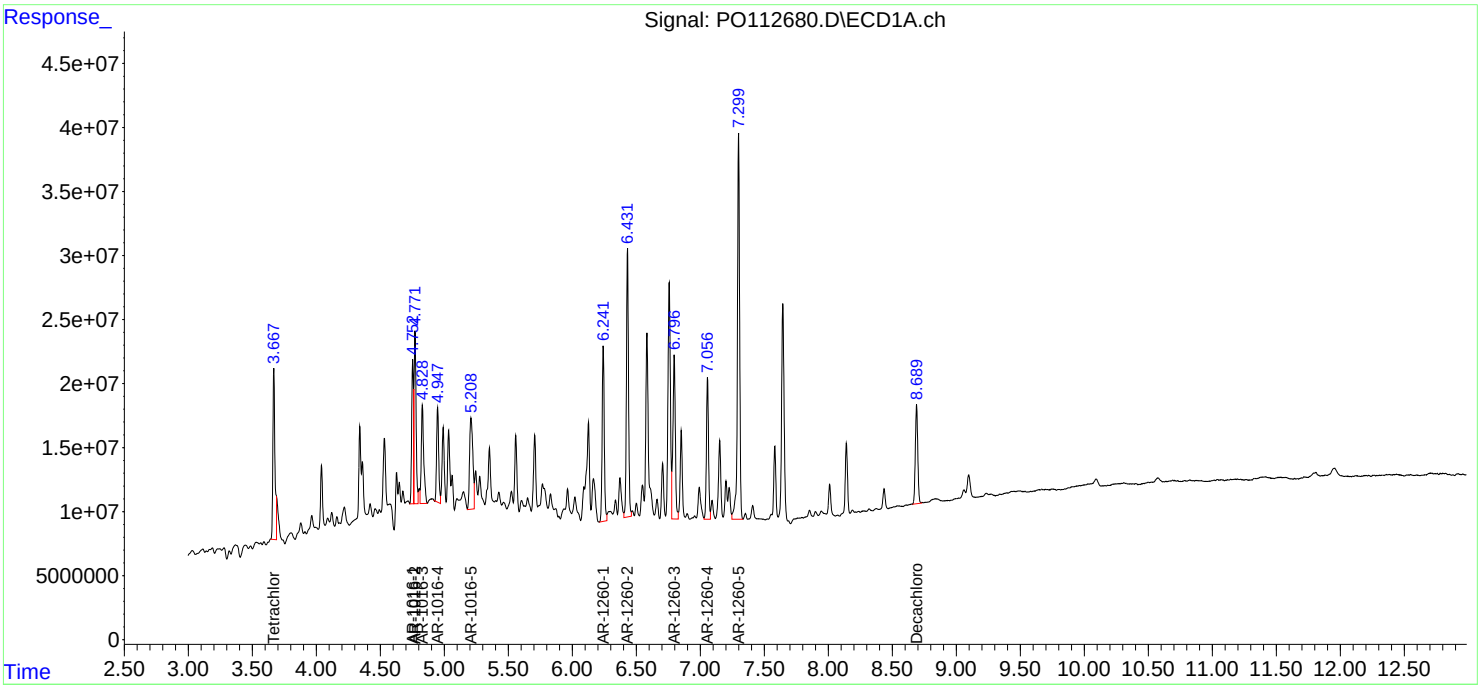
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080125\
Data File : PO112680.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 21:16
Operator : YP/AJ
Sample : Q2740-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

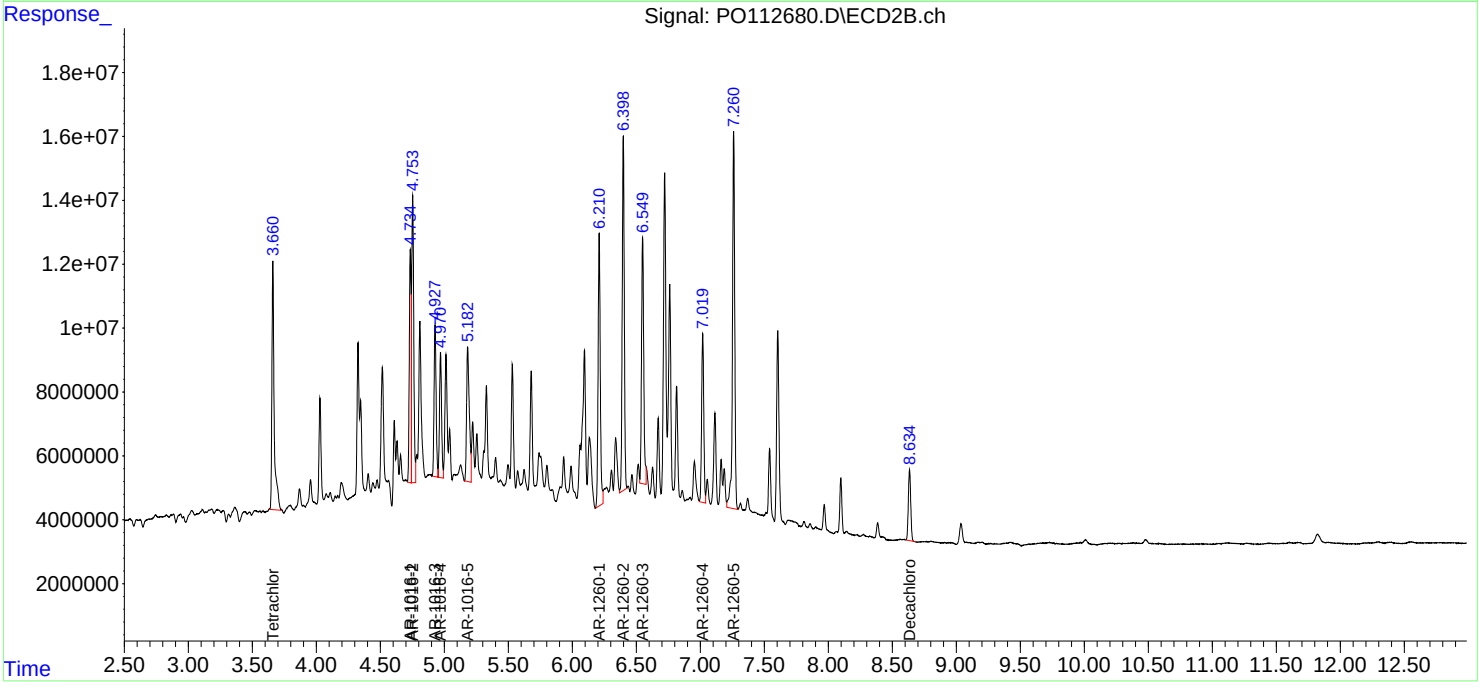
Instrument :
ECD_O
ClientSampleId :
OR-02-07312025MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/04/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 02:36:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072325.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 24 04:54:06 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PO072325	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO112417.D	AR-1260-1	yogesh	7/24/2025 7:42:50 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC250	PO112417.D	AR-1260-1 #2	yogesh	7/24/2025 7:42:50 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC250	PO112417.D	AR-1260-2	yogesh	7/24/2025 7:42:50 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC250	PO112417.D	AR-1260-3 #2	yogesh	7/24/2025 7:42:50 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC050	PO112418.D	AR-1016-5	yogesh	7/24/2025 7:42:52 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC050	PO112418.D	AR-1016-5 #2	yogesh	7/24/2025 7:42:52 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC050	PO112418.D	AR-1260-1 #2	yogesh	7/24/2025 7:42:52 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1660ICC050	PO112418.D	AR-1260-3 #2	yogesh	7/24/2025 7:42:52 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC250	PO112424.D	AR-1242-5	yogesh	7/24/2025 7:42:53 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC250	PO112424.D	AR-1242-5 #2	yogesh	7/24/2025 7:42:53 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC050	PO112425.D	AR-1242-5	yogesh	7/24/2025 7:42:55 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC050	PO112425.D	AR-1242-5 #2	yogesh	7/24/2025 7:42:55 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1242ICC050	PO112425.D	Tetrachloro-m-xylene #2	yogesh	7/24/2025 7:42:55 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO072325	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248ICC050	PO112430.D	AR-1248-4	yogesh	7/24/2025 7:42:57 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1248ICC050	PO112430.D	AR-1248-4 #2	yogesh	7/24/2025 7:42:57 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1248ICC050	PO112430.D	AR-1248-5	yogesh	7/24/2025 7:42:57 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1248ICC050	PO112430.D	AR-1248-5 #2	yogesh	7/24/2025 7:42:57 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-1	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-1 #2	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-2	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-2 #2	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software
AR1254ICC050	PO112435.D	AR-1254-3 #2	yogesh	7/24/2025 7:42:59 AM	mohammad	7/25/2025 3:53:10	Peak Integrated by Software

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Manual Integration Report

Sequence:	po080125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2740-01MS	PO112679.D	AR-1016-2 #2	yogesh	8/4/2025 7:40:44 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
Q2740-01MS	PO112679.D	AR-1016-5	yogesh	8/4/2025 7:40:44 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
Q2740-01MS	PO112679.D	AR-1260-3 #2	yogesh	8/4/2025 7:40:44 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
Q2740-01MSD	PO112680.D	AR-1016-1 #2	yogesh	8/4/2025 7:40:46 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
Q2740-01MSD	PO112680.D	AR-1016-2 #2	yogesh	8/4/2025 7:40:46 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
Q2740-01MSD	PO112680.D	AR-1016-5	yogesh	8/4/2025 7:40:46 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
Q2740-01MSD	PO112680.D	AR-1260-3 #2	yogesh	8/4/2025 7:40:46 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
Q2740-01MSD	PO112680.D	Tetrachloro-m-xylene	yogesh	8/4/2025 7:40:46 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
Q2740-01MSD	PO112680.D	Tetrachloro-m-xylene #2	yogesh	8/4/2025 7:40:46 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
AR1660CCC500	PO112684.D	AR-1016-5	yogesh	8/4/2025 7:40:57 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
AR1660CCC500	PO112699.D	AR-1016-5	yogesh	8/4/2025 7:41:03 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
AR1660CCC500	PO112699.D	AR-1260-3 #2	yogesh	8/4/2025 7:41:03 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
AR1254CCC500	PO112702.D	AR-1254-1	yogesh	8/4/2025 7:41:04 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software

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Manual Integration Report

Sequence:	po080125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PO112703.D	Decachlorobiphenyl	yogesh	8/4/2025 7:41:06 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
AR1660CCC500	PO112705.D	AR-1016-5	yogesh	8/4/2025 7:41:10 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
AR1660CCC500	PO112705.D	Decachlorobiphenyl	yogesh	8/4/2025 7:41:10 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
AR1660CCC500	PO112705.D	Decachlorobiphenyl #2	yogesh	8/4/2025 7:41:10 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
AR1254CCC500	PO112708.D	AR-1254-1	yogesh	8/4/2025 7:41:12 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
AR1254CCC500	PO112708.D	AR-1254-2	yogesh	8/4/2025 7:41:12 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
AR1254CCC500	PO112708.D	Decachlorobiphenyl	yogesh	8/4/2025 7:41:12 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software
AR1254CCC500	PO112708.D	Decachlorobiphenyl #2	yogesh	8/4/2025 7:41:12 AM	mohammad	8/5/2025 1:59:44	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072325

Review By	yogesh	Review On	7/23/2025 3:39:31 PM		
Supervise By	mohammad	Supervise On	7/25/2025 3:53:10 AM		
SubDirectory	PO072325	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO112412.D	23 Jul 2025 10:56	YP/AJ	Ok
2	I.BLK	PO112413.D	23 Jul 2025 11:14	YP/AJ	Ok
3	AR1660ICC1000	PO112414.D	23 Jul 2025 11:32	YP/AJ	Ok
4	AR1660ICC750	PO112415.D	23 Jul 2025 11:50	YP/AJ	Ok
5	AR1660ICC500	PO112416.D	23 Jul 2025 12:08	YP/AJ	Ok
6	AR1660ICC250	PO112417.D	23 Jul 2025 12:27	YP/AJ	Ok,M
7	AR1660ICC050	PO112418.D	23 Jul 2025 12:45	YP/AJ	Ok,M
8	AR1221ICC500	PO112419.D	23 Jul 2025 13:03	YP/AJ	Ok
9	AR1232ICC500	PO112420.D	23 Jul 2025 13:22	YP/AJ	Ok
10	AR1242ICC1000	PO112421.D	23 Jul 2025 13:40	YP/AJ	Ok
11	AR1242ICC750	PO112422.D	23 Jul 2025 13:59	YP/AJ	Ok
12	AR1242ICC500	PO112423.D	23 Jul 2025 14:17	YP/AJ	Ok
13	AR1242ICC250	PO112424.D	23 Jul 2025 14:36	YP/AJ	Ok,M
14	AR1242ICC050	PO112425.D	23 Jul 2025 14:54	YP/AJ	Ok,M
15	AR1248ICC1000	PO112426.D	23 Jul 2025 15:13	YP/AJ	Ok
16	AR1248ICC750	PO112427.D	23 Jul 2025 15:31	YP/AJ	Ok
17	AR1248ICC500	PO112428.D	23 Jul 2025 15:48	YP/AJ	Ok
18	AR1248ICC250	PO112429.D	23 Jul 2025 16:07	YP/AJ	Ok
19	AR1248ICC050	PO112430.D	23 Jul 2025 16:25	YP/AJ	Ok,M
20	AR1254ICC1000	PO112431.D	23 Jul 2025 16:44	YP/AJ	Ok
21	AR1254ICC750	PO112432.D	23 Jul 2025 17:02	YP/AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072325

Review By	yogesh	Review On	7/23/2025 3:39:31 PM		
Supervise By	mohammad	Supervise On	7/25/2025 3:53:10 AM		
SubDirectory	PO072325	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO112433.D	23 Jul 2025 17:21	YP/AJ	Ok
23	AR1254ICC250	PO112434.D	23 Jul 2025 17:39	YP/AJ	Ok
24	AR1254ICC050	PO112435.D	23 Jul 2025 17:57	YP/AJ	Ok,M
25	AR1262ICC500	PO112436.D	23 Jul 2025 18:16	YP/AJ	Ok
26	AR1268ICC1000	PO112437.D	23 Jul 2025 18:34	YP/AJ	Ok
27	AR1268ICC750	PO112438.D	23 Jul 2025 18:53	YP/AJ	Ok
28	AR1268ICC500	PO112439.D	23 Jul 2025 19:11	YP/AJ	Ok
29	AR1268ICC250	PO112440.D	23 Jul 2025 19:28	YP/AJ	Ok
30	AR1268ICC050	PO112441.D	23 Jul 2025 19:47	YP/AJ	Ok
31	PO072325ICV500	PO112442.D	23 Jul 2025 20:05	YP/AJ	Ok
32	AR1242ICV500	PO112443.D	23 Jul 2025 20:42	YP/AJ	Ok
33	AR1248ICV500	PO112444.D	23 Jul 2025 21:18	YP/AJ	Ok
34	AR1254ICV500	PO112445.D	23 Jul 2025 21:54	YP/AJ	Ok
35	AR1268ICV500	PO112446.D	23 Jul 2025 22:31	YP/AJ	Ok
36	DDT ANALOG	PO112447.D	23 Jul 2025 23:07	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO080125

Review By	yogesh	Review On	8/1/2025 12:28:13 PM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:44 AM		
SubDirectory	PO080125	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO112656.D	01 Aug 2025 08:26	YP/AJ	Ok
2	AR1660CCC500	PO112657.D	01 Aug 2025 08:44	YP/AJ	Ok
3	AR1242CCC500	PO112658.D	01 Aug 2025 09:16	YP/AJ	Ok
4	AR1248CCC500	PO112659.D	01 Aug 2025 09:34	YP/AJ	Ok
5	AR1254CCC500	PO112660.D	01 Aug 2025 09:56	YP/AJ	Ok
6	I.BLK	PO112661.D	01 Aug 2025 10:14	YP/AJ	Ok
7	DDT ANALOG	PO112662.D	01 Aug 2025 10:32	YP/AJ	Ok
8	PB169085BL	PO112663.D	01 Aug 2025 15:08	YP/AJ	Ok
9	PB169085BS	PO112664.D	01 Aug 2025 15:27	YP/AJ	Ok
10	Q2735-01	PO112665.D	01 Aug 2025 15:45	YP/AJ	Ok
11	Q2735-02	PO112666.D	01 Aug 2025 16:04	YP/AJ	Ok
12	Q2735-03	PO112667.D	01 Aug 2025 16:22	YP/AJ	Ok
13	Q2735-04	PO112668.D	01 Aug 2025 16:40	YP/AJ	Ok
14	AR1660CCC500	PO112669.D	01 Aug 2025 17:36	YP/AJ	Ok
15	AR1242CCC500	PO112670.D	01 Aug 2025 18:12	YP/AJ	Ok
16	AR1248CCC500	PO112671.D	01 Aug 2025 18:31	YP/AJ	Ok
17	AR1254CCC500	PO112672.D	01 Aug 2025 18:49	YP/AJ	Ok
18	I.BLK	PO112673.D	01 Aug 2025 19:08	YP/AJ	Ok
19	PB169086BL	PO112674.D	01 Aug 2025 19:26	YP/AJ	Ok
20	PB169086BS	PO112675.D	01 Aug 2025 19:44	YP/AJ	Ok
21	Q2734-01	PO112676.D	01 Aug 2025 20:03	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO080125

Review By	yogesh	Review On	8/1/2025 12:28:13 PM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:44 AM		
SubDirectory	PO080125	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2736-01	PO112677.D	01 Aug 2025 20:21	YP/AJ	Ok
23	Q2740-01	PO112678.D	01 Aug 2025 20:40	YP/AJ	Ok,M
24	Q2740-01MS	PO112679.D	01 Aug 2025 20:58	YP/AJ	Ok,M
25	Q2740-01MSD	PO112680.D	01 Aug 2025 21:16	YP/AJ	Ok,M
26	Q2737-01	PO112681.D	01 Aug 2025 21:35	YP/AJ	Ok,M
27	Q2737-02	PO112682.D	01 Aug 2025 21:53	YP/AJ	Ok
28	Q2736-04	PO112683.D	01 Aug 2025 22:12	YP/AJ	ReRun
29	AR1660CCC500	PO112684.D	01 Aug 2025 23:25	YP/AJ	Ok,M
30	AR1242CCC500	PO112685.D	02 Aug 2025 00:20	YP/AJ	Ok
31	AR1248CCC500	PO112686.D	02 Aug 2025 00:38	YP/AJ	Ok
32	AR1254CCC500	PO112687.D	02 Aug 2025 00:57	YP/AJ	Ok
33	I.BLK	PO112688.D	02 Aug 2025 01:15	YP/AJ	Ok
34	PB169090BL	PO112689.D	02 Aug 2025 01:34	YP/AJ	Ok
35	PB169090BS	PO112690.D	02 Aug 2025 01:52	YP/AJ	Ok
36	PB169090BSD	PO112691.D	02 Aug 2025 02:10	YP/AJ	Ok
37	Q2741-01	PO112692.D	02 Aug 2025 02:29	YP/AJ	Ok
38	Q2743-01	PO112693.D	02 Aug 2025 02:47	YP/AJ	Ok
39	Q2719-01	PO112694.D	02 Aug 2025 03:06	YP/AJ	Ok
40	Q2719-02	PO112695.D	02 Aug 2025 03:24	YP/AJ	Ok
41	Q2733-01	PO112696.D	02 Aug 2025 03:42	YP/AJ	Ok
42	Q2736-02	PO112697.D	02 Aug 2025 04:00	YP/AJ	Dilution
43	Q2736-03	PO112698.D	02 Aug 2025 04:18	YP/AJ	Ok,M
44	AR1660CCC500	PO112699.D	02 Aug 2025 05:31	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO080125

Review By	yogesh	Review On	8/1/2025 12:28:13 PM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:44 AM		
SubDirectory	PO080125	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	AR1242CCC500	PO112700.D	02 Aug 2025 06:06	YP/AJ	Ok
46	AR1248CCC500	PO112701.D	02 Aug 2025 06:25	YP/AJ	Ok
47	AR1254CCC500	PO112702.D	02 Aug 2025 06:43	YP/AJ	Ok,M
48	I.BLK	PO112703.D	02 Aug 2025 07:01	YP/AJ	Ok,M
49	Q2739-01	PO112704.D	02 Aug 2025 07:20	YP/AJ	Ok,M
50	AR1660CCC500	PO112705.D	02 Aug 2025 08:33	YP/AJ	Ok,M
51	AR1242CCC500	PO112706.D	02 Aug 2025 09:28	YP/AJ	Ok
52	AR1248CCC500	PO112707.D	02 Aug 2025 09:47	YP/AJ	Ok
53	AR1254CCC500	PO112708.D	02 Aug 2025 10:05	YP/AJ	Ok,M
54	I.BLK	PO112709.D	02 Aug 2025 10:24	YP/AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072325

Review By	yogesh	Review On	7/23/2025 3:39:31 PM		
Supervise By	mohammad	Supervise On	7/25/2025 3:53:10 AM		
SubDirectory	PO072325	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO112412.D	23 Jul 2025 10:56		YP/AJ	Ok
2	I.BLK	I.BLK	PO112413.D	23 Jul 2025 11:14		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO112414.D	23 Jul 2025 11:32		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO112415.D	23 Jul 2025 11:50		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO112416.D	23 Jul 2025 12:08		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO112417.D	23 Jul 2025 12:27		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO112418.D	23 Jul 2025 12:45		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO112419.D	23 Jul 2025 13:03		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO112420.D	23 Jul 2025 13:22		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO112421.D	23 Jul 2025 13:40		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO112422.D	23 Jul 2025 13:59		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO112423.D	23 Jul 2025 14:17		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO112424.D	23 Jul 2025 14:36		YP/AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PO112425.D	23 Jul 2025 14:54		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO112426.D	23 Jul 2025 15:13		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO112427.D	23 Jul 2025 15:31		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO112428.D	23 Jul 2025 15:48		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO112429.D	23 Jul 2025 16:07		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072325

Review By	yogesh	Review On	7/23/2025 3:39:31 PM		
Supervise By	mohammad	Supervise On	7/25/2025 3:53:10 AM		
SubDirectory	PO072325	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO112430.D	23 Jul 2025 16:25		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO112431.D	23 Jul 2025 16:44		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO112432.D	23 Jul 2025 17:02		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO112433.D	23 Jul 2025 17:21		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO112434.D	23 Jul 2025 17:39		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO112435.D	23 Jul 2025 17:57		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO112436.D	23 Jul 2025 18:16		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO112437.D	23 Jul 2025 18:34		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO112438.D	23 Jul 2025 18:53		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO112439.D	23 Jul 2025 19:11		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO112440.D	23 Jul 2025 19:28		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO112441.D	23 Jul 2025 19:47		YP/AJ	Ok
31	PO072325ICV500	ICVPO072325	PO112442.D	23 Jul 2025 20:05		YP/AJ	Ok
32	AR1242ICV500	ICVPO072325AR1242	PO112443.D	23 Jul 2025 20:42		YP/AJ	Ok
33	AR1248ICV500	ICVPO072325AR1248	PO112444.D	23 Jul 2025 21:18		YP/AJ	Ok
34	AR1254ICV500	ICVPO072325AR1254	PO112445.D	23 Jul 2025 21:54		YP/AJ	Ok
35	AR1268ICV500	ICVPO072325AR1268	PO112446.D	23 Jul 2025 22:31		YP/AJ	Ok
36	DDT ANALOG	DDT ANALOG	PO112447.D	23 Jul 2025 23:07		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO080125

Review By	yogesh	Review On	8/1/2025 12:28:13 PM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:44 AM		
SubDirectory	PO080125	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO112656.D	01 Aug 2025 08:26		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO112657.D	01 Aug 2025 08:44		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO112658.D	01 Aug 2025 09:16		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO112659.D	01 Aug 2025 09:34		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO112660.D	01 Aug 2025 09:56		YP/AJ	Ok
6	I.BLK	I.BLK	PO112661.D	01 Aug 2025 10:14		YP/AJ	Ok
7	DDT ANALOG	DDT ANALOG	PO112662.D	01 Aug 2025 10:32		YP/AJ	Ok
8	PB169085BL	PB169085BL	PO112663.D	01 Aug 2025 15:08		YP/AJ	Ok
9	PB169085BS	PB169085BS	PO112664.D	01 Aug 2025 15:27		YP/AJ	Ok
10	Q2735-01	BC271315-1-1	PO112665.D	01 Aug 2025 15:45		YP/AJ	Ok
11	Q2735-02	BC271315-1-2	PO112666.D	01 Aug 2025 16:04		YP/AJ	Ok
12	Q2735-03	BC274768-1-1	PO112667.D	01 Aug 2025 16:22		YP/AJ	Ok
13	Q2735-04	BC274768-1-2	PO112668.D	01 Aug 2025 16:40		YP/AJ	Ok
14	AR1660CCC500	AR1660CCC500	PO112669.D	01 Aug 2025 17:36		YP/AJ	Ok
15	AR1242CCC500	AR1242CCC500	PO112670.D	01 Aug 2025 18:12		YP/AJ	Ok
16	AR1248CCC500	AR1248CCC500	PO112671.D	01 Aug 2025 18:31		YP/AJ	Ok
17	AR1254CCC500	AR1254CCC500	PO112672.D	01 Aug 2025 18:49		YP/AJ	Ok
18	I.BLK	I.BLK	PO112673.D	01 Aug 2025 19:08		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO080125

Review By	yogesh	Review On	8/1/2025 12:28:13 PM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:44 AM		
SubDirectory	PO080125	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PB169086BL	PB169086BL	PO112674.D	01 Aug 2025 19:26		YP/AJ	Ok
20	PB169086BS	PB169086BS	PO112675.D	01 Aug 2025 19:44		YP/AJ	Ok
21	Q2734-01	VNJ-253	PO112676.D	01 Aug 2025 20:03		YP/AJ	Ok
22	Q2736-01	PAD-073125	PO112677.D	01 Aug 2025 20:21		YP/AJ	Ok
23	Q2740-01	OR-02-07312025	PO112678.D	01 Aug 2025 20:40		YP/AJ	Ok,M
24	Q2740-01MS	OR-02-07312025MS	PO112679.D	01 Aug 2025 20:58		YP/AJ	Ok,M
25	Q2740-01MSD	OR-02-07312025MSD	PO112680.D	01 Aug 2025 21:16		YP/AJ	Ok,M
26	Q2737-01	OILY-DEBRIS	PO112681.D	01 Aug 2025 21:35		YP/AJ	Ok,M
27	Q2737-02	OILY-WATER	PO112682.D	01 Aug 2025 21:53	DCB Low in 1st column	YP/AJ	Ok
28	Q2736-04	4044	PO112683.D	01 Aug 2025 22:12	DCB high in both column, Need clean up	YP/AJ	ReRun
29	AR1660CCC500	AR1660CCC500	PO112684.D	01 Aug 2025 23:25		YP/AJ	Ok,M
30	AR1242CCC500	AR1242CCC500	PO112685.D	02 Aug 2025 00:20		YP/AJ	Ok
31	AR1248CCC500	AR1248CCC500	PO112686.D	02 Aug 2025 00:38		YP/AJ	Ok
32	AR1254CCC500	AR1254CCC500	PO112687.D	02 Aug 2025 00:57		YP/AJ	Ok
33	I.BLK	I.BLK	PO112688.D	02 Aug 2025 01:15		YP/AJ	Ok
34	PB169090BL	PB169090BL	PO112689.D	02 Aug 2025 01:34		YP/AJ	Ok
35	PB169090BS	PB169090BS	PO112690.D	02 Aug 2025 01:52		YP/AJ	Ok
36	PB169090BSD	PB169090BSD	PO112691.D	02 Aug 2025 02:10		YP/AJ	Ok
37	Q2741-01	TR-05-07312025	PO112692.D	02 Aug 2025 02:29		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO080125

Review By	yogesh	Review On	8/1/2025 12:28:13 PM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:44 AM		
SubDirectory	PO080125	HP Acquire Method		HP Processing Method	PO072325

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q2743-01	WC1	PO112693.D	02 Aug 2025 02:47		YP/AJ	Ok
39	Q2719-01	50738	PO112694.D	02 Aug 2025 03:06		YP/AJ	Ok
40	Q2719-02	50765	PO112695.D	02 Aug 2025 03:24		YP/AJ	Ok
41	Q2733-01	TW-WTS-12	PO112696.D	02 Aug 2025 03:42		YP/AJ	Ok
42	Q2736-02	4023	PO112697.D	02 Aug 2025 04:00	DCB Low in 1st column , AR1254 hits, Need 5x	YP/AJ	Dilution
43	Q2736-03	4043	PO112698.D	02 Aug 2025 04:18	AR1260 hits	YP/AJ	Ok,M
44	AR1660CCC500	AR1660CCC500	PO112699.D	02 Aug 2025 05:31		YP/AJ	Ok,M
45	AR1242CCC500	AR1242CCC500	PO112700.D	02 Aug 2025 06:06		YP/AJ	Ok
46	AR1248CCC500	AR1248CCC500	PO112701.D	02 Aug 2025 06:25		YP/AJ	Ok
47	AR1254CCC500	AR1254CCC500	PO112702.D	02 Aug 2025 06:43		YP/AJ	Ok,M
48	I.BLK	I.BLK	PO112703.D	02 Aug 2025 07:01		YP/AJ	Ok,M
49	Q2739-01	50743	PO112704.D	02 Aug 2025 07:20		YP/AJ	Ok,M
50	AR1660CCC500	AR1660CCC500	PO112705.D	02 Aug 2025 08:33		YP/AJ	Ok,M
51	AR1242CCC500	AR1242CCC500	PO112706.D	02 Aug 2025 09:28		YP/AJ	Ok
52	AR1248CCC500	AR1248CCC500	PO112707.D	02 Aug 2025 09:47		YP/AJ	Ok
53	AR1254CCC500	AR1254CCC500	PO112708.D	02 Aug 2025 10:05		YP/AJ	Ok,M
54	I.BLK	I.BLK	PO112709.D	02 Aug 2025 10:24		YP/AJ	Ok

M : Manual Integration

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EXTRACTION LOGPAGE

PB169086

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	08/01/2025
Matrix :	Solid			**Extraction Start Time :**	12:05
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	08/01/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	15:15
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24650
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2627
Baked Na2SO4	N/A	EP2629
Hexane	N/A	E3956
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721, Q2737-01 used Limited volume as sample is Oily Debris.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/1/25	RS (Ext lab)	T-Pest IR GB.
15:20	**Preparation Group**	**Analysis Group**

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EXTRACTION LOGPAGE

PrepBatch ID : PB169086

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 08/01/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169086BL	ABLK086	PCB	30.03	N/A	ritesh	Evelyn	10			U2-1
PB169086BS	ALCS086	PCB	30.01	N/A	ritesh	Evelyn	10			2
Q2734-01	VNJ-253	PCB	30.05	N/A	ritesh	Evelyn	10	E		3
Q2736-01	PAD-073125	PCB	30.09	N/A	ritesh	Evelyn	10	B	Concrete	4
Q2737-01	OILY-DEBRIS	PCB	5.07	N/A	ritesh	Evelyn	10	E	Oily Debris+S.Partical	5
Q2740-01	OR-02-07312025	PCB	30.02	N/A	ritesh	Evelyn	10	E		6
Q2740-01MS	OR-02-07312025MS	PCB	30.06	N/A	ritesh	Evelyn	10	E		U3-1
Q2740-01MSD	OR-02-07312025MSD	PCB	30.08	N/A	ritesh	Evelyn	10	E		2
Q2741-01	TR-05-07212025	PCB	30.04	N/A	ritesh	Evelyn	10	E		3
Q2743-01	WC1	PCB	30.07	N/A	ritesh	Evelyn	10	A		4

8/1

* **Extracts relinquished on the same date as received.**

Q2737 164086 12:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2737 **WorkList ID :** 191057 **Department :** Extraction **Date :** 08-01-2025 12:00:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2734-01	VNJ-253	Solid	PCB	Cool 4 deg C	PSEG03	D31	07/31/2025	8082A
Q2736-01	PAD-073125	Solid	PCB	Cool 4 deg C	PSEG03	D21	07/31/2025	8082A
Q2737-01	OILY-DEBRIS	Solid	PCB	Cool 4 deg C	PSEG03	D21	07/31/2025	8082A
Q2740-01	OR-02-07312025	Solid	PCB	Cool 4 deg C	PSEG05	D21	07/31/2025	8082A
Q2741-01	TR-05-07212025	Solid	PCB	Cool 4 deg C	PSEG05	D21	07/31/2025	8082A
Q2743-01	WC1	Solid	PCB	Cool 4 deg C	GENV01	O13	07/31/2025	8082A

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Date/Time 08/01/25 12:00
Raw Sample Received by: RJ (Client-Ceb)
Raw Sample Relinquished by: CP SM

Date/Time 08/01/25 12:15
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (Client-Ceb)

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LAB CHRONICLE

OrderID:	Q2743	**OrderDate:**	7/31/2025 4:05:00 PM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2743-01	**WC1**	**SOIL**			**07/31/25**			**07/31/25**
			PCB	8082A		08/01/25	08/02/25	

SAMPLE DATA

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Report of Analysis

Client:	G Environmental			Date Collected:	07/31/25
Project:	Capra			Date Received:	07/31/25
Client Sample ID:	WC1			SDG No.:	Q2743
Lab Sample ID:	Q2743-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	78.3
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 14:10	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.60	J	1	0.18	1.27	mg/kg	FC069638.D
Aliphatic C12-C16	Aliphatic C12-C16	1.07		1	0.14	0.85	mg/kg	FC069638.D
Aliphatic C16-C21	Aliphatic C16-C21	1.61		1	0.17	1.27	mg/kg	FC069638.D
Aliphatic C21-C28	Aliphatic C21-C28	0.68	U	1	0.68	1.70	mg/kg	FC069638.D
Aliphatic C28-C40	Aliphatic C28-C40	3.90		1	1.50	2.55	mg/kg	FC069638.D
Aromatic C10-C12	Aromatic C10-C12	0.68	J	1	0.15	0.85	mg/kg	FD049619.D
Aromatic C12-C16	Aromatic C12-C16	0.70	J	1	0.29	1.27	mg/kg	FD049619.D
Aromatic C16-C21	Aromatic C16-C21	5.38		1	0.51	2.12	mg/kg	FD049619.D
Aromatic C21-C36	Aromatic C21-C36	7.14		1	1.52	3.40	mg/kg	FD049619.D
Total AliphaticEPH	Total AliphaticEPH	7.18	J		2.66	7.64	mg/kg	
Total AromaticEPH	Total AromaticEPH	13.9			2.48	7.64	mg/kg	
Total EPH	Total EPH	21.1			5.13	15.3	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:	07/31/25	
Project:	Capra		Date Received:	07/31/25	
Client Sample ID:	WC1		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069638.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.60	J	0.18	1.27	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		1.07		0.14	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		1.61		0.17	1.27	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.68	U	0.68	1.70	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		3.90		1.50	2.55	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		42.1		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2743-01	Acq On:	12 Aug 2025 14:10
Client Sample ID:	WC1	Operator:	YP/AJ
Data file:	FC069638.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	1017034	7.03	300	ug/ml
Aliphatic C12-C16	6.595	9.998	1801482	12.56	200	ug/ml
Aliphatic C16-C21	9.999	13.367	2529251	18.937	300	ug/ml
Aliphatic C21-C28	13.368	17.032	869019	7.345	400	ug/ml
Aliphatic C28-C40	17.033	22.008	4382463	45.979	600	ug/ml
Aliphatic EPH	3.296	22.008	10599249	91.85		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.102	13.102	4593248	42.13		ug/ml
Aliphatic C9-C28	3.296	17.032	6216786	45.872	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:	07/31/25	
Project:	Capra		Date Received:	07/31/25	
Client Sample ID:	WC1		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049619.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.68	J	0.15	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.70	J	0.29	1.27	mg/kg
Aromatic C16-C21	Aromatic C16-C21	5.38		0.51	2.12	mg/kg
Aromatic C21-C36	Aromatic C21-C36	7.14		1.52	3.40	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	44.1		40 - 140	88%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	44.6		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.6		40 - 140	75%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2743-01	Acq On:	12 Aug 2025 14:10
Client Sample ID:	WC1	Operator:	YP/AJ
Data file:	FD049619.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	867557	8.037	200	ug/ml
Aromatic C12-C16	6.151	8.778	1016020	8.222	300	ug/ml
Aromatic C16-C21	8.779	13.070	8023852	63.436	500	ug/ml
Aromatic C21-C36	13.071	18.490	9474668	84.131	800	ug/ml
Aromatic EPH	4.406	18.490	19382097	163.826		ug/ml
2-Bromonaphthalene (SURR)	7.715	7.715	4521868	44.12		ug/ml
2-Flurobiphenyl (SURR)	8.580	8.580	3258700	44.61		ug/ml
ortho-Terphenyl (SURR)	11.627	11.627	4883384	37.62		ug/ml

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2743

Run Number: FC081225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB169209BL	86			0
PB169209BS	92			0
PB169209BSD	91			0
WC1	84			0
WC1MS	63			0
WC1MSD	63			0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2743

Run Number: FD081225AR

CLIENT SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB169209BL	81	82	90	0
PB169209BS	119	117	96	0
PB169209BSD	117	115	95	0
WC1	88	89	75	0
WC1MS	100	101	67	0
WC1MSD	100	100	66	0

	QC LIMITS
2-Bromonaphthalene (SURR)	(40-140)
2-Flurobiphenyl (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : Q2743-01MS **Datafile:** FC069640.D **Client ID :** WC1MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	12.8	0.60	6.20	44		(40-140)
Aliphatic C12-C16	8.5	1.07	5.70	54		(40-140)
Aliphatic C16-C21	12.8	1.61	8.84	57		(40-140)
Aliphatic C21-C28	17.0	0	10.1	59		(40-140)
Aliphatic C28-C40	25.5	3.90	18.7	58		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	4.3	0.0000	1.6350	38	*	(40-140)
n-Decane (C10)	4.3	0.0000	1.9231	45		(40-140)
Naphthalene (C11.7)	4.3	0.0000	0.0265	1	*	(40-140)
n-Dodecane (C12)	4.3	0.0000	2.1223	49		(40-140)
2-methylnaphthalene (C12.89)	4.3	0.0000	0.0180	0	*	(40-140)
n-Tetradecane (C14)	4.3	0.0000	2.2727	53		(40-140)
n-Hexadecane (C16)	4.3	0.0000	2.3620	55		(40-140)
n-Octadecane (C18)	4.3	0.0000	2.3866	56		(40-140)
n-Eicosane (C20)	4.3	0.0000	2.5098	58		(40-140)
n-Heneicosane (C21)	4.3	0.0000	2.4805	58		(40-140)
n-Docosane (C22)	4.3	0.0000	2.4423	57		(40-140)
n-Tetracosane (C24)	8.5	0.0000	2.4365	29	*	(40-140)
n-Hexacosane (C26)	4.3	0.0000	2.4124	56		(40-140)
n-Octacosane (C28)	4.3	0.0000	2.3745	55		(40-140)
n-Tricontane (C30)	4.3	0.0000	2.2817	53		(40-140)
n-Dotriacontane (C32)	4.3	0.0000	2.3091	54		(40-140)
n-Tetratriacontane (C34)	4.3	0.0000	2.5127	58		(40-140)
n-Hexatriacontane (C36)	4.3	0.0000	2.8953	67		(40-140)
n-Octatriacontane (C38)	4.3	0.0000	3.2108	75		(40-140)
n-Tetracontane (C40)	4.3	0.0000	3.0409	71		(40-140)

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SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : Q2743-01MSD **Datafile:** FC069641.D **Client ID :** WC1MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	12.8	0.60	6.03	43		3.01 |	(40-140)	50
Aliphatic C12-C16	8.5	1.07	5.46	52		5.27 |	(40-140)	50
Aliphatic C16-C21	12.8	1.61	8.76	56		1.06 |	(40-140)	50
Aliphatic C21-C28	17.0	0	10.1	59		0 |	(40-140)	50
Aliphatic C28-C40	25.5	3.90	19.0	59		2.05 |	(40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	4.3	0.0000	1.6089	37	*	3.0 |	(40-140)	50
n-Decane (C10)	4.3	0.0000	1.8911	44		2.24 |	(40-140)	50
Naphthalene (C11.7)	4.3	0.0000	0.0219	1	*	0 |	(40-140)	50
n-Dodecane (C12)	4.3	0.0000	2.0896	49		0 |	(40-140)	50
2-methylnaphthalene (C12.89)	4.3	0.0000	0.0126	0	*	0 |	(40-140)	50
n-Tetradecane (C14)	4.3	0.0000	2.2369	52		2.0 |	(40-140)	50
n-Hexadecane (C16)	4.3	0.0000	2.3324	54		2.0 |	(40-140)	50
n-Octadecane (C18)	4.3	0.0000	2.3650	55		2.0 |	(40-140)	50
n-Eicosane (C20)	4.3	0.0000	2.4943	58		0 |	(40-140)	50
n-Heneicosane (C21)	4.3	0.0000	2.4508	57		2.0 |	(40-140)	50
n-Docosane (C22)	4.3	0.0000	2.4362	57		0 |	(40-140)	50
n-Tetracosane (C24)	8.5	0.0000	2.4366	29	*	0 |	(40-140)	50
n-Hexacosane (C26)	4.3	0.0000	2.4180	56		0 |	(40-140)	50
n-Octacosane (C28)	4.3	0.0000	2.3894	56		2.0 |	(40-140)	50
n-Tricontane (C30)	4.3	0.0000	2.2992	53		0 |	(40-140)	50
n-Dotriacontane (C32)	4.3	0.0000	2.3268	54		0 |	(40-140)	50
n-Tetratriacontane (C34)	4.3	0.0000	2.5499	59		2.0 |	(40-140)	50
n-Hexatriacontane (C36)	4.3	0.0000	2.9086	68		1.48 |	(40-140)	50
n-Octatriacontane (C38)	4.3	0.0000	3.1656	74		1.34 |	(40-140)	50
n-Tetracontane (C40)	4.3	0.0000	3.0678	71		0 |	(40-140)	50

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SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : Q2743-01MS **Datafile:** FD049621.D **Client ID :** WC1MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	8.5	0.68	6.46	68		(40-140)
Aromatic C12-C16	12.8	0.70	10.2	74		(40-140)
Aromatic C16-C21	21.3	5.38	23.1	83		(40-140)
Aromatic C21-C36	34.0	7.14	36.0	85		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
1,2,3-Trimethylbenzene (C10.1)	4.3	0.0000	3.0157	70		(40-140)
Naphthalene (C11.7)	4.3	0.0000	2.9137	68		(40-140)
2-Methylnaphthalene (C12.89)	4.3	0.0000	2.7553	64		(40-140)
Acenaphthylene (C15.06)	4.3	0.0000	3.1106	72		(40-140)
Acenaphthene (C15.5)	4.3	0.0000	3.1569	73		(40-140)
Flouorene (C16.55)	4.3	0.0000	3.3038	77		(40-140)
Phenanthrene (C19.36)	4.3	0.0000	3.5907	84		(40-140)
Anthracene (C19.43)	4.3	0.0000	3.5585	83		(40-140)
Pyrene (C20.8)	4.3	0.0000	3.8834	90		(40-140)
Fluoranthene (C21.85)	4.3	0.0000	3.8798	90		(40-140)
Benzo[a]anthracene (C26.37)	4.3	0.0000	3.8712	90		(40-140)
Chrysene (C27.41)	4.3	0.0000	8.0447	187	*	(40-140)
Bnezo[k]fluoranthene (C30.14)	4.3	0.0000	7.7890	181	*	(40-140)
Dibenz[a,h]anthracene (C30.36)	4.3	0.0000	7.1365	166	*	(40-140)
benzo[b]fluoranthene (C30.41)	4.3	0.0000	7.3311	170	*	(40-140)
Benzo[a]pyrene (C31.34)	4.3	0.0000	3.6789	86		(40-140)
Benzo[g,h,i]perylene (C34.01)	4.3	0.0000	3.2722	76		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	4.3	0.0000	7.5212	175	*	(40-140)

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SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : Q2743-01MSD **Datafile:** FD049622.D **Client ID :** WC1MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	8.5	0.68	6.43	68		0.44 |	(40-140)	50
Aromatic C12-C16	12.8	0.70	10.2	74		0 |	(40-140)	50
Aromatic C16-C21	21.3	5.38	23.0	83		0.48 |	(40-140)	50
Aromatic C21-C36	34.0	7.14	35.7	84		0.95 |	(40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
1,2,3-Trimethylbenzene (C10.1)	4.3	0.0000	3.0138	70		0 |	(40-140)	50
Naphthalene (C11.7)	4.3	0.0000	2.9016	67		1.48 |	(40-140)	50
2-Methylnaphthalene (C12.89)	4.3	0.0000	2.7475	64		0 |	(40-140)	50
Acenaphthylene (C15.06)	4.3	0.0000	3.0949	72		0 |	(40-140)	50
Acenaphthene (C15.5)	4.3	0.0000	3.1427	73		0 |	(40-140)	50
Flouorene (C16.55)	4.3	0.0000	3.2834	76		1.30 |	(40-140)	50
Phenanthrene (C19.36)	4.3	0.0000	3.5605	83		1.19 |	(40-140)	50
Anthracene (C19.43)	4.3	0.0000	3.5344	82		1.21 |	(40-140)	50
Pyrene (C20.8)	4.3	0.0000	3.8459	89		1.11 |	(40-140)	50
Fluoranthene (C21.85)	4.3	0.0000	3.8453	89		1.11 |	(40-140)	50
Benzo[a]anthracene (C26.37)	4.3	0.0000	3.8547	90		0 |	(40-140)	50
Chrysene (C27.41)	4.3	0.0000	8.0045	186	*	0.53 |	(40-140)	50
Bnezo[k]fluoranthene (C30.14)	4.3	0.0000	7.7529	180	*	0.55 |	(40-140)	50
Dibenz[a,h]anthracene (C30.36)	4.3	0.0000	7.0943	165	*	0.60 |	(40-140)	50
benzo[b]fluoranthene (C30.41)	4.3	0.0000	7.2970	170	*	0 |	(40-140)	50
Benzo[a]pyrene (C31.34)	4.3	0.0000	3.6652	85		1.17 |	(40-140)	50
Benzo[g,h,i]perylene (C34.01)	4.3	0.0000	3.2484	76		0 |	(40-140)	50
Indeno[1,2,3-cd]pyrene (C35.01)	4.3	0.0000	7.4755	174	*	0.57 |	(40-140)	50

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : PB169209BS **Datafile:** FC069636.D **Client ID :** PB169209BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	10.0	5.96	60		(40-140)
Aliphatic C12-C16	6.7	5.49	82		(40-140)
Aliphatic C16-C21	10.0	9.28	93		(40-140)
Aliphatic C21-C28	13.3	12.8	96		(40-140)
Aliphatic C28-C40	20.0	21.0	105		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	1.53140	46		(40-140)
n-Decane (C10)	3.3	2.00253	61		(40-140)
Naphthalene (C11.7)	3.3	0.00000	0	*	(40-140)
n-Dodecane (C12)	3.3	2.41044	73		(40-140)
2-methylnaphthalene (C12.89)	3.3	0.00000	0	*	(40-140)
n-Tetradecane (C14)	3.3	2.71171	82		(40-140)
n-Hexadecane (C16)	3.3	2.77783	84		(40-140)
n-Octadecane (C18)	3.3	2.85799	87		(40-140)
n-Eicosane (C20)	3.3	3.24776	98		(40-140)
n-Heneicosane (C21)	3.3	3.19059	97		(40-140)
n-Docosane (C22)	3.3	3.21464	97		(40-140)
n-Tetracosane (C24)	6.7	3.21312	48		(40-140)
n-Hexacosane (C26)	3.3	3.20718	97		(40-140)
n-Octacosane (C28)	3.3	3.20936	97		(40-140)
n-Tricontane (C30)	3.3	3.15850	96		(40-140)
n-Dotriacontane (C32)	3.3	3.20737	97		(40-140)
n-Tetratriacontane (C34)	3.3	3.37880	102		(40-140)
n-Hexatriacontane (C36)	3.3	3.63363	110		(40-140)
n-Octatriacontane (C38)	3.3	3.89138	118		(40-140)
n-Tetracontane (C40)	3.3	4.03915	122		(40-140)

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : PB169209BSD **Datafile:** FC069637.D **Client ID :** PB169209BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	10	5.95	60		0.101|	(40-140)	25
Aliphatic C12-C16	6.7	5.45	82		0.725|	(40-140)	25
Aliphatic C16-C21	10	9.19	92		0.908|	(40-140)	25
Aliphatic C21-C28	13.3	12.7	95		0.718|	(40-140)	25
Aliphatic C28-C40	20.0	21.0	105		0.06|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	3.3	1.52839	46		0|	(40-140)	25
n-Decane (C10)	3.3	2.00000	61		0|	(40-140)	25
Naphthalene (C11.7)	3.3	0.00000	0	*	0|	(40-140)	25
n-Dodecane (C12)	3.3	2.40656	73		0|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	0.00000	0	*	0|	(40-140)	25
n-Tetradecane (C14)	3.3	2.69817	82		0|	(40-140)	25
n-Hexadecane (C16)	3.3	2.75572	84		0|	(40-140)	25
n-Octadecane (C18)	3.3	2.83204	86		1.16|	(40-140)	25
n-Eicosane (C20)	3.3	3.21604	97		1.03|	(40-140)	25
n-Heneicosane (C21)	3.3	3.16017	96		1.04|	(40-140)	25
n-Docosane (C22)	3.3	3.18314	96		1.04|	(40-140)	25
n-Tetracosane (C24)	6.7	3.18435	48		0|	(40-140)	25
n-Hexacosane (C26)	3.3	3.18316	96		1.04|	(40-140)	25
n-Octacosane (C28)	3.3	3.18902	97		0|	(40-140)	25
n-Tricontane (C30)	3.3	3.15172	96		0|	(40-140)	25
n-Dotriacontane (C32)	3.3	3.20986	97		0|	(40-140)	25
n-Tetratriacontane (C34)	3.3	3.38009	102		0|	(40-140)	25
n-Hexatriacontane (C36)	3.3	3.62952	110		0|	(40-140)	25
n-Octatriacontane (C38)	3.3	3.87873	118		0|	(40-140)	25
n-Tetracontane (C40)	3.3	4.02933	122		0|	(40-140)	25

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : PB169209BS **Datafile:** FD049617.D **Client ID :** PB169209BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	6.7	5.29	79		(40-140)
Aromatic C12-C16	10.0	9.01	90		(40-140)
Aromatic C16-C21	16.7	16.6	100		(40-140)
Aromatic C21-C36	26.7	27.4	102		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
1,2,3-Trimethylbenzene (C10.1)	3.3	2.47922	75		(40-140)
Naphthalene (C11.7)	3.3	2.79451	85		(40-140)
2-Methylnaphthalene (C12.89)	3.3	2.71727	82		(40-140)
Acenaphthylene (C15.06)	3.3	3.11559	94		(40-140)
Acenaphthene (C15.5)	3.3	3.16555	96		(40-140)
Flouorene (C16.55)	3.3	3.35886	102		(40-140)
Phenanthrene (C19.36)	3.3	3.35557	102		(40-140)
Anthracene (C19.43)	3.3	3.04801	92		(40-140)
Fluoranthene (C21.85)	3.3	3.43439	104		(40-140)
Pyrene (C20.8)	3.3	3.39027	103		(40-140)
Benzo[a]anthracene (C26.37)	3.3	3.52827	107		(40-140)
Chrysene (C27.41)	3.3	3.78774	115		(40-140)
benzo[b]fluoranthene (C30.41)	3.3	3.50923	106		(40-140)
Bnezo[k]fluoranthene (C30.14)	3.3	3.63016	110		(40-140)
Benzo[a]pyrene (C31.34)	3.3	3.33167	101		(40-140)
Indeno[1,2,3-cd]pyrene (C35.01)	3.3	3.68569	112		(40-140)
Dibenz[a,h]anthracene (C30.36)	3.3	3.27005	99		(40-140)
Benzo[g,h,i]perylene (C34.01)	3.3	3.14517	95		(40-140)

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SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** G Environmental

Lab Code: ACE **SDG No:** Q2743

Sample No : PB169209BSD **Datafile:** FD049618.D **Client ID :** PB169209BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	6.7	5.23	78		1.1|	(40-140)	25
Aromatic C12-C16	10	8.87	89		1.5|	(40-140)	25
Aromatic C16-C21	16.7	16.5	99		0.538|	(40-140)	25
Aromatic C21-C36	26.6	27.9	104		2.6|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
1,2,3-Trimethylbenzene (C10.1)	3.3	2.45824	74		1.34|	(40-140)	25
Naphthalene (C11.7)	3.3	2.75566	84		1.18|	(40-140)	25
2-Methylnaphthalene (C12.89)	3.3	2.66866	81		1.23|	(40-140)	25
Acenaphthylene (C15.06)	3.3	3.06965	93		1.07|	(40-140)	25
Acenaphthene (C15.5)	3.3	3.11342	94		2.11|	(40-140)	25
Flouorene (C16.55)	3.3	3.30898	100		1.98|	(40-140)	25
Phenanthrene (C19.36)	3.3	3.32468	101		0.99|	(40-140)	25
Anthracene (C19.43)	3.3	3.02615	92		0|	(40-140)	25
Fluoranthene (C21.85)	3.3	3.42702	104		0|	(40-140)	25
Pyrene (C20.8)	3.3	3.38892	103		0|	(40-140)	25
Benzo[a]anthracene (C26.37)	3.3	3.56867	108		0.93|	(40-140)	25
Chrysene (C27.41)	3.3	3.82226	116		0.87|	(40-140)	25
benzo[b]fluoranthene (C30.41)	3.3	3.55781	108		1.87|	(40-140)	25
Bnezo[k]fluoranthene (C30.14)	3.3	3.67477	111		0.9|	(40-140)	25
Benzo[a]pyrene (C31.34)	3.3	3.39440	103		1.96|	(40-140)	25
Indeno[1,2,3-cd]pyrene (C35.01)	3.3	3.77412	114		1.77|	(40-140)	25
Dibenz[a,h]anthracene (C30.36)	3.3	3.36386	102		2.99|	(40-140)	25
Benzo[g,h,i]perylene (C34.01)	3.3	3.21033	97		2.08|	(40-140)	25

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4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
PB169209BL

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2743

Instrument ID: FID_C Lab Sample ID: PB169209BL

Matrix: (soil/water) Solid Date Extracted: 8/11/2025 12:00:00

Level: (low/med) low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB169209BS	PB169209BS
PB169209BSD	PB169209BSD
WC1	Q2743-01
WC1MS	Q2743-01MS
WC1MSD	Q2743-01MSD

COMMENTS:

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	PB169209BL			SDG No.:	Q2743
Lab Sample ID:	PB169209BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 11:48	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.14	U	1	0.14	1.00	mg/kg	FC069635.D
Aliphatic C12-C16	Aliphatic C12-C16	0.11	U	1	0.11	0.67	mg/kg	FC069635.D
Aliphatic C16-C21	Aliphatic C16-C21	0.13	U	1	0.13	1.00	mg/kg	FC069635.D
Aliphatic C21-C28	Aliphatic C21-C28	0.53	U	1	0.53	1.33	mg/kg	FC069635.D
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FC069635.D
Aromatic C10-C12	Aromatic C10-C12	0.12	U	1	0.12	0.67	mg/kg	FD049616.D
Aromatic C12-C16	Aromatic C12-C16	0.23	U	1	0.23	1.00	mg/kg	FD049616.D
Aromatic C16-C21	Aromatic C16-C21	0.40	U	1	0.40	1.67	mg/kg	FD049616.D
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1	1.19	2.66	mg/kg	FD049616.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	1.94	U		1.94	6.00	mg/kg	
Total EPH	Total EPH	4.03	U		4.03	12.0	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BL		SDG No.:	Q2743	
Lab Sample ID:	PB169209BL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069635.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.14	U	0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		0.11	U	0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		0.13	U	0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.53	U	0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		1.18	U	1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		42.9		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169209BL	Acq On:	12 Aug 2025 11:48
Client Sample ID:	PB169209BL	Operator:	YP/AJ
Data file:	FC069635.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	0	0	300	ug/ml
Aliphatic C12-C16	6.595	9.998	0	0	200	ug/ml
Aliphatic C16-C21	9.999	13.367	0	0	300	ug/ml
Aliphatic C21-C28	13.368	17.032	0	0	400	ug/ml
Aliphatic C28-C40	17.033	22.008	0	0	600	ug/ml
Aliphatic EPH	3.296	22.008	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	4679875	42.93		ug/ml
Aliphatic C9-C28	3.296	17.032	0	0	1200	ug/ml

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Capra			Date Received:	
Client Sample ID:	PB169209BL			SDG No.:	Q2743
Lab Sample ID:	PB169209BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049616.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.12	U	0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.23	U	0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	0.40	U	0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	40.7		40 - 140	81%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	41.1		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.0		40 - 140	90%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169209BL	Acq On:	12 Aug 2025 11:48
Client Sample ID:	PB169209BL	Operator:	YP/AJ
Data file:	FD049616.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	0	0	200	ug/ml
Aromatic C12-C16	6.151	8.778	0	0	300	ug/ml
Aromatic C16-C21	8.779	13.070	0	0	500	ug/ml
Aromatic C21-C36	13.071	18.490	0	0	800	ug/ml
Aromatic EPH	4.406	18.490	0	0		ug/ml
ortho-Terphenyl (SURR)	11.628	11.628	5836993	44.97		ug/ml
2-Bromonaphthalene (SURR)	7.715	7.715	4171725	40.7		ug/ml
2-Flurobiphenyl (SURR)	8.580	8.580	3003131	41.11		ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BS		SDG No.:	Q2743	
Lab Sample ID:	PB169209BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 12:34	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.96		1	0.14	1.00	mg/kg	FC069636.D
Aliphatic C12-C16	Aliphatic C12-C16	5.49		1	0.11	0.67	mg/kg	FC069636.D
Aliphatic C16-C21	Aliphatic C16-C21	9.28		1	0.13	1.00	mg/kg	FC069636.D
Aliphatic C21-C28	Aliphatic C21-C28	12.8		1	0.53	1.33	mg/kg	FC069636.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg	FC069636.D
Aromatic C10-C12	Aromatic C10-C12	5.29		1	0.12	0.67	mg/kg	FD049617.D
Aromatic C12-C16	Aromatic C12-C16	9.01		1	0.23	1.00	mg/kg	FD049617.D
Aromatic C16-C21	Aromatic C16-C21	16.6		1	0.40	1.67	mg/kg	FD049617.D
Aromatic C21-C36	Aromatic C21-C36	27.4		1	1.19	2.67	mg/kg	FD049617.D
Total AliphaticEPH	Total AliphaticEPH	54.5			2.09	6.00	mg/kg	
Total AromaticEPH	Total AromaticEPH	58.3			1.94	6.01	mg/kg	
Total EPH	Total EPH	113			4.03	12.0	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BS		SDG No.:	Q2743	
Lab Sample ID:	PB169209BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069636.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.96		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.49		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.28		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.8		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.8		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169209BS	Acq On:	12 Aug 2025 12:34
Client Sample ID:	PB169209BS	Operator:	YP/AJ
Data file:	FC069636.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	12929520	89.367	300	ug/ml
Aliphatic C12-C16	6.595	9.998	11815541	82.375	200	ug/ml
Aliphatic C16-C21	9.999	13.367	18589905	139.186	300	ug/ml
Aliphatic C21-C28	13.368	17.032	22802072	192.735	400	ug/ml
Aliphatic C28-C40	17.033	22.008	30031671	315.077	600	ug/ml
Aliphatic EPH	3.296	22.008	96168709	818.741		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	4990692	45.78		ug/ml
Aliphatic C9-C28	3.296	17.032	66137038	503.663	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BS		SDG No.:	Q2743	
Lab Sample ID:	PB169209BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049617.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.29		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.01		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	16.6		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	27.4		1.19	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	59.6		40 - 140	119%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	58.3		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	48.1		40 - 140	96%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169209BS	Acq On:	12 Aug 2025 12:34
Client Sample ID:	PB169209BS	Operator:	YP/AJ
Data file:	FD049617.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	8573313	79.427	200	ug/ml
Aromatic C12-C16	6.151	8.778	16713161	135.241	300	ug/ml
Aromatic C16-C21	8.779	13.070	31575461	249.635	500	ug/ml
Aromatic C21-C36	13.071	18.490	46337440	411.456	800	ug/ml
Aromatic EPH	4.406	18.490	103199375	875.76		ug/ml
ortho-Terphenyl (SURR)	11.629	11.629	6244860	48.11		ug/ml
2-Bromonaphthalene (SURR)	7.716	7.716	6106769	59.59		ug/ml
2-Flurobiphenyl (SURR)	8.582	8.582	4259317	58.31		ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BSD		SDG No.:	Q2743	
Lab Sample ID:	PB169209BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 13:21	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.95		1	0.14	1.00	mg/kg	FC069637.D
Aliphatic C12-C16	Aliphatic C12-C16	5.45		1	0.11	0.67	mg/kg	FC069637.D
Aliphatic C16-C21	Aliphatic C16-C21	9.19		1	0.13	1.00	mg/kg	FC069637.D
Aliphatic C21-C28	Aliphatic C21-C28	12.7		1	0.53	1.33	mg/kg	FC069637.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	1.18	2.00	mg/kg	FC069637.D
Aromatic C10-C12	Aromatic C10-C12	5.23		1	0.12	0.67	mg/kg	FD049618.D
Aromatic C12-C16	Aromatic C12-C16	8.87		1	0.23	1.00	mg/kg	FD049618.D
Aromatic C16-C21	Aromatic C16-C21	16.5		1	0.40	1.67	mg/kg	FD049618.D
Aromatic C21-C36	Aromatic C21-C36	27.9		1	1.19	2.66	mg/kg	FD049618.D
Total AliphaticEPH	Total AliphaticEPH	54.3			2.09	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	58.5			1.94	6.00	mg/kg	
Total EPH	Total EPH	113			4.03	12.0	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BSD		SDG No.:	Q2743	
Lab Sample ID:	PB169209BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069637.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.95		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.45		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.19		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.7		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.4		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169209BSD	Acq On:	12 Aug 2025 13:21
Client Sample ID:	PB169209BSD	Operator:	YP/AJ
Data file:	FC069637.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	12913366	89.255	300	ug/ml
Aliphatic C12-C16	6.595	9.998	11742647	81.867	200	ug/ml
Aliphatic C16-C21	9.999	13.367	18420047	137.915	300	ug/ml
Aliphatic C21-C28	13.368	17.032	22622609	191.218	400	ug/ml
Aliphatic C28-C40	17.033	22.008	30004304	314.79	600	ug/ml
Aliphatic EPH	3.296	22.008	95702973	815.046		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	4948752	45.39		ug/ml
Aliphatic C9-C28	3.296	17.032	65698669	500.255	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	PB169209BSD		SDG No.:	Q2743	
Lab Sample ID:	PB169209BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049618.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.23		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.87		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	16.5		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	27.9		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	58.6		40 - 140	117%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	57.5		40 - 140	115%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.5		40 - 140	95%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169209BSD	Acq On:	12 Aug 2025 13:21
Client Sample ID:	PB169209BSD	Operator:	YP/AJ
Data file:	FD049618.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	8477428	78.539	200	ug/ml
Aromatic C12-C16	6.151	8.778	16446625	133.085	300	ug/ml
Aromatic C16-C21	8.779	13.070	31374113	248.043	500	ug/ml
Aromatic C21-C36	13.071	18.490	47182417	418.959	800	ug/ml
Aromatic EPH	4.406	18.490	103480583	878.626		ug/ml
2-Bromonaphthalene (SURR)	7.716	7.716	6002853	58.57		ug/ml
2-Flurobiphenyl (SURR)	8.582	8.582	4201948	57.52		ug/ml
ortho-Terphenyl (SURR)	11.628	11.628	6166738	47.51		ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC1MS		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 15:46	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.20		1	0.18	1.28	mg/kg	FC069640.D
Aliphatic C12-C16	Aliphatic C12-C16	5.70		1	0.14	0.85	mg/kg	FC069640.D
Aliphatic C16-C21	Aliphatic C16-C21	8.84		1	0.17	1.28	mg/kg	FC069640.D
Aliphatic C21-C28	Aliphatic C21-C28	10.1		1	0.68	1.70	mg/kg	FC069640.D
Aliphatic C28-C40	Aliphatic C28-C40	18.7		1	1.51	2.55	mg/kg	FC069640.D
Aromatic C10-C12	Aromatic C10-C12	6.46		1	0.15	0.85	mg/kg	FD049621.D
Aromatic C12-C16	Aromatic C12-C16	10.2		1	0.29	1.28	mg/kg	FD049621.D
Aromatic C16-C21	Aromatic C16-C21	23.1		1	0.51	2.13	mg/kg	FD049621.D
Aromatic C21-C36	Aromatic C21-C36	36.0		1	1.52	3.40	mg/kg	FD049621.D
Total AliphaticEPH	Total AliphaticEPH	49.5			2.67	7.66	mg/kg	
Total AromaticEPH	Total AromaticEPH	75.8			2.48	7.66	mg/kg	
Total EPH	Total EPH	125			5.15	15.3	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC1MS		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069640.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.20		0.18	1.28	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.70		0.14	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.84		0.17	1.28	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.1		0.68	1.70	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	18.7		1.51	2.55	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.3		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2743-01MS	Acq On:	12 Aug 2025 15:46
Client Sample ID:	WC1MS	Operator:	YP/AJ
Data file:	FC069640.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	10548228	72.908	300	ug/ml
Aliphatic C12-C16	6.595	9.998	9615400	67.037	200	ug/ml
Aliphatic C16-C21	9.999	13.367	13881751	103.935	300	ug/ml
Aliphatic C21-C28	13.368	17.032	14075898	118.977	400	ug/ml
Aliphatic C28-C40	17.033	22.008	20976020	220.07	600	ug/ml
Aliphatic EPH	3.296	22.008	69097297	582.927		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	3412448	31.3		ug/ml
Aliphatic C9-C28	3.296	17.032	48121277	362.857	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC1MS		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049621.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.46		0.15	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	10.2		0.29	1.28	mg/kg
Aromatic C16-C21	Aromatic C16-C21	23.1		0.51	2.13	mg/kg
Aromatic C21-C36	Aromatic C21-C36	36.0		1.52	3.40	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.0		40 - 140	100%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	50.3		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.5		40 - 140	67%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2743-01MS	Acq On:	12 Aug 2025 15:46
Client Sample ID:	WC1MS	Operator:	YP/AJ
Data file:	FD049621.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	8194653	75.919	200	ug/ml
Aromatic C12-C16	6.151	8.778	14804956	119.8	300	ug/ml
Aromatic C16-C21	8.779	13.070	34348756	271.561	500	ug/ml
Aromatic C21-C36	13.071	18.490	47654471	423.151	800	ug/ml
Aromatic EPH	4.406	18.490	105002836	890.431		ug/ml
2-Bromonaphthalene (SURR)	7.716	7.716	5128962	50.05		ug/ml
2-Flurobiphenyl (SURR)	8.581	8.581	3671237	50.26		ug/ml
ortho-Terphenyl (SURR)	11.627	11.627	4343758	33.47		ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC1MSD		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
08/11/25 12:00	08/12/25 16:32	PB169209

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.03		1	0.18	1.28	mg/kg	FC069641.D
Aliphatic C12-C16	Aliphatic C12-C16	5.46		1	0.14	0.85	mg/kg	FC069641.D
Aliphatic C16-C21	Aliphatic C16-C21	8.76		1	0.17	1.28	mg/kg	FC069641.D
Aliphatic C21-C28	Aliphatic C21-C28	10.1		1	0.68	1.70	mg/kg	FC069641.D
Aliphatic C28-C40	Aliphatic C28-C40	19.0		1	1.50	2.55	mg/kg	FC069641.D
Aromatic C10-C12	Aromatic C10-C12	6.43		1	0.15	0.85	mg/kg	FD049622.D
Aromatic C12-C16	Aromatic C12-C16	10.2		1	0.29	1.28	mg/kg	FD049622.D
Aromatic C16-C21	Aromatic C16-C21	23.0		1	0.51	2.13	mg/kg	FD049622.D
Aromatic C21-C36	Aromatic C21-C36	35.7		1	1.52	3.40	mg/kg	FD049622.D
Total AliphaticEPH	Total AliphaticEPH	49.4			2.66	7.66	mg/kg	
Total AromaticEPH	Total AromaticEPH	75.3			2.48	7.66	mg/kg	
Total EPH	Total EPH	125			5.14	15.3	mg/kg	

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC1MSD		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069641.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.03		0.18	1.28	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.46		0.14	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.76		0.17	1.28	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.1		0.68	1.70	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.0		1.50	2.55	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2743-01MSD	Acq On:	12 Aug 2025 16:32
Client Sample ID:	WC1MSD	Operator:	YP/AJ
Data file:	FC069641.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.296	6.594	10261318	70.925	300	ug/ml
Aliphatic C12-C16	6.595	9.998	9215838	64.251	200	ug/ml
Aliphatic C16-C21	9.999	13.367	13758116	103.01	300	ug/ml
Aliphatic C21-C28	13.368	17.032	14083613	119.042	400	ug/ml
Aliphatic C28-C40	17.033	22.008	21317907	223.657	600	ug/ml
Aliphatic EPH	3.296	22.008	68636792	580.884		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.102	13.102	3444063	31.59		ug/ml
Aliphatic C9-C28	3.296	17.032	47318885	357.228	1200	ug/ml

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Capra		Date Received:		
Client Sample ID:	WC1MSD		SDG No.:	Q2743	
Lab Sample ID:	Q2743-01MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.3	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049622.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.43		0.15	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	10.2		0.29	1.28	mg/kg
Aromatic C16-C21	Aromatic C16-C21	23.0		0.51	2.13	mg/kg
Aromatic C21-C36	Aromatic C21-C36	35.7		1.52	3.40	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.9		40 - 140	100%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	49.9		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.2		40 - 140	66%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2743-01MSD	Acq On:	12 Aug 2025 16:32
Client Sample ID:	WC1MSD	Operator:	YP/AJ
Data file:	FD049622.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	8161767	75.614	200	ug/ml
Aromatic C12-C16	6.151	8.778	14890335	120.491	300	ug/ml
Aromatic C16-C21	8.779	13.070	34266528	270.911	500	ug/ml
Aromatic C21-C36	13.071	18.490	47342443	420.38	800	ug/ml
Aromatic EPH	4.406	18.490	104661073	887.396		ug/ml
2-Flurobiphenyl (SURR)	8.582	8.582	3645141	49.9		ug/ml
ortho-Terphenyl (SURR)	11.626	11.626	4308988	33.2		ug/ml
2-Bromonaphthalene (SURR)	7.716	7.716	5117515	49.93		ug/ml

CALIBRATION SUMMARY

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Inital Calibration Report for SequenceID : FC080125AL

AreaCount

Parameter Range	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.D	
Aliphatic C9-C12	42068648.000	19691016.000	8965532.000	4370721.000	2351668.000	
Aliphatic C12-C16	27843527.000	13014807.000	5942321.000	2897742.000	1543652.000	
Aliphatic C16-C21	38214284.000	18201524.000	8181971.000	4119976.000	2180745.000	
Aliphatic C21-C28	44820531.000	21625949.000	9610305.000	4868005.000	2590582.000	
Aliphatic C28-C40	52282691.000	25521026.000	11594465.000	5791453.000	3336702.000	
Aliphatic EPH	205229681.000	98054322.000	44294594.000	22047897.000	12003349.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	144679.273333	6.643				
Aliphatic C12-C16	143435.206	6.448				
Aliphatic C16-C21	133561.231333	6.997				
Aliphatic C21-C28	118307.822	7.116				
Aliphatic C28-C40	95315.2126662	10.853				
Aliphatic EPH	120373.0272216	7.787				

Concentration

Parameter Range	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FC069558.D	FC069559.D	FC069560.D	FC069561.D	FC069562.D	
Aliphatic C9-C12	140228.826666	131273.440000	149425.533333	145690.700000	156777.866666	
Aliphatic C12-C16	139217.635000	130148.070000	148558.025000	144887.100000	154365.200000	
Aliphatic C16-C21	127380.946666	121343.493333	136366.183333	137332.533333	145383.000000	

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Inital Calibration Report for SequenceID : FC080125AL

Aliphatic C21-C28	112051.327500	108129.745000	120128.812500	121700.125000	129529.100000	
Aliphatic C28-C40	87137.818333	85070.086666	96620.541666	96524.216666	111223.400000	
Aliphatic EPH	114016.489444	108949.246666	123040.538888	122488.316666	133370.544444	

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Inital Calibration Report for SequenceID : FD081125AR

AreaCount

Parameter Range	FD049605.D	FD049606.D	FD049607.D	FD049608.D	FD049609.D	
Aromatic C10-C12	21248208.000	10706275.000	4323481.000	2259486.000	1053332.000	
Aromatic C12-C16	36818737.000	18573883.000	7415425.000	3854530.000	1789065.000	
Aromatic C16-C21	50607212.000	25605422.000	10134035.000	5257097.000	2395676.000	
Aromatic C21-C36	99935947.000	50494933.000	20336032.000	10453913.000	4981852.000	
Aromatic EPH	208610104.000	105380513.000	42208973.000	21825026.000	10219925.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	107939.663	2.772				
Aromatic C12-C16	123580.1519996	2.666				
Aromatic C16-C21	126486.3605	3.348				
Aromatic C21-C36	112618.2539996	1.932				
Aromatic EPH	117007.1949996	2.388				

Concentration

Parameter Range	FD049605.D	FD049606.D	FD049607.D	FD049608.D	FD049609.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FD049605.D	FD049606.D	FD049607.D	FD049608.D	FD049609.D	
Aromatic C10-C12	106241.040000	107062.750000	108087.025000	112974.300000	105333.200000	
Aromatic C12-C16	122729.123333	123825.886666	123590.416666	128484.333333	119271.000000	
Aromatic C16-C21	126518.030000	128027.110000	126675.437500	131427.425000	119783.800000	
Aromatic C21-C36	111039.941111	112210.962222	112977.955555	116154.588888	110707.822222	
Aromatic EPH	115894.502222	117089.458888	117247.147222	121250.144444	113554.722222	

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Continuing Calibration Report for SequenceID : FC081225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069634.D**						
Aliphatic C9-C12	8084744.000	60.000	3.296	6.594	134745.733	144679.273	6.866
Aliphatic C12-C16	5438811.000	40.000	6.595	9.998	135970.275	143435.206	5.204
Aliphatic C16-C21	7579864.000	60.000	9.999	13.367	126331.067	133561.231	5.413
Aliphatic C21-C28	8897980.000	80.000	13.368	17.032	111224.750	118307.822	5.987
Aliphatic C28-C40	10856898.000	120.000	17.033	22.008	90474.150	95315.213	5.079
Aliphatic EPH	40858297.000	360.000	3.296	22.008	113495.269	120373.027	5.714

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	12 Aug 2025 11:03
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069634.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.296	6.594	8084744.000	60.000	ug/ml
Aliphatic C12-C16	6.595	9.998	5438811.000	40.000	ug/ml
Aliphatic C16-C21	9.999	13.367	7579864.000	60.000	ug/ml
Aliphatic C21-C28	13.368	17.032	8897980.000	80.000	ug/ml
Aliphatic C28-C40	17.033	22.008	10856898.000	120.000	ug/ml
Aliphatic EPH	3.296	22.008	40858297.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FC081225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC069643.D**						
Aliphatic C9-C12	8281038.000	60.000	3.296	6.594	138017.300	144679.273	4.605
Aliphatic C12-C16	5564407.000	40.000	6.595	9.998	139110.175	143435.206	3.015
Aliphatic C16-C21	7699230.000	60.000	9.999	13.367	128320.500	133561.231	3.924
Aliphatic C21-C28	9027039.000	80.000	13.368	17.032	112837.988	118307.822	4.623
Aliphatic C28-C40	11191769.000	120.000	17.033	22.008	93264.742	95315.213	2.151
Aliphatic EPH	41763483.000	360.000	3.296	22.008	116009.675	120373.027	3.625

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	12 Aug 2025 18:50
Client Sample ID:		Operator:	YP/AJ
Data file:	FC069643.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.296	6.594	8281038.000	60.000	ug/ml
Aliphatic C12-C16	6.595	9.998	5564407.000	40.000	ug/ml
Aliphatic C16-C21	9.999	13.367	7699230.000	60.000	ug/ml
Aliphatic C21-C28	13.368	17.032	9027039.000	80.000	ug/ml
Aliphatic C28-C40	17.033	22.008	11191769.000	120.000	ug/ml
Aliphatic EPH	3.296	22.008	41763483.000	360.000	ug/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FD081225AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FD049615.D**						
Aromatic C10-C12	4939839.000	40.000	4.406	6.150	123495.975	107939.663	-14.412
Aromatic C12-C16	8456670.000	60.000	6.151	8.778	140944.500	123580.152	-14.051
Aromatic C16-C21	11415221.000	80.000	8.779	13.070	142690.263	126486.361	-12.811
Aromatic C21-C36	21792549.000	180.000	13.071	18.490	121069.717	112618.254	-7.505
Aromatic EPH	46604279.000	360.000	4.406	18.490	129456.331	117007.195	-10.640

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM AROMATIC HC S	Acq On:	12 Aug 2025 11:03
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049615.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.406	6.150	4939839.000	40.000	ug/ml
Aromatic C12-C16	6.151	8.778	8456670.000	60.000	ug/ml
Aromatic C16-C21	8.779	13.070	11415221.000	80.000	ug/ml
Aromatic C21-C36	13.071	18.490	21792549.000	180.000	ug/ml
Aromatic EPH	4.406	18.490	46604279.000	360.000	ug/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FD081225AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FD049624.D**						
Aromatic C10-C12	4620208.000	40.000	4.406	6.150	115505.200	107939.663	-7.009
Aromatic C12-C16	8035947.000	60.000	6.151	8.778	133932.450	123580.152	-8.377
Aromatic C16-C21	11032110.000	80.000	8.779	13.070	137901.375	126486.361	-9.025
Aromatic C21-C36	21319787.000	180.000	13.071	18.490	118443.261	112618.254	-5.172
Aromatic EPH	45008052.000	360.000	4.406	18.490	125022.367	117007.195	-6.850

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Lab Sample ID:	20 PPM AROMATIC HC S	Acq On:	12 Aug 2025 18:50
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049624.D	Misc:	
Instrument:	FID_D	ALS Vial:	52
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.406	6.150	4620208.000	40.000	ug/ml
Aromatic C12-C16	6.151	8.778	8035947.000	60.000	ug/ml
Aromatic C16-C21	8.779	13.070	11032110.000	80.000	ug/ml
Aromatic C21-C36	13.071	18.490	21319787.000	180.000	ug/ml
Aromatic EPH	4.406	18.490	45008052.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069638.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 14:10
Operator : YP/AJ
Sample : Q2743-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC1

Integration File: autoint1.e
Quant Time: Aug 13 01:16:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.102	4593248	42.131 ug/ml
Spiked Amount 50.000		Recovery = 84.26%	
Target Compounds			

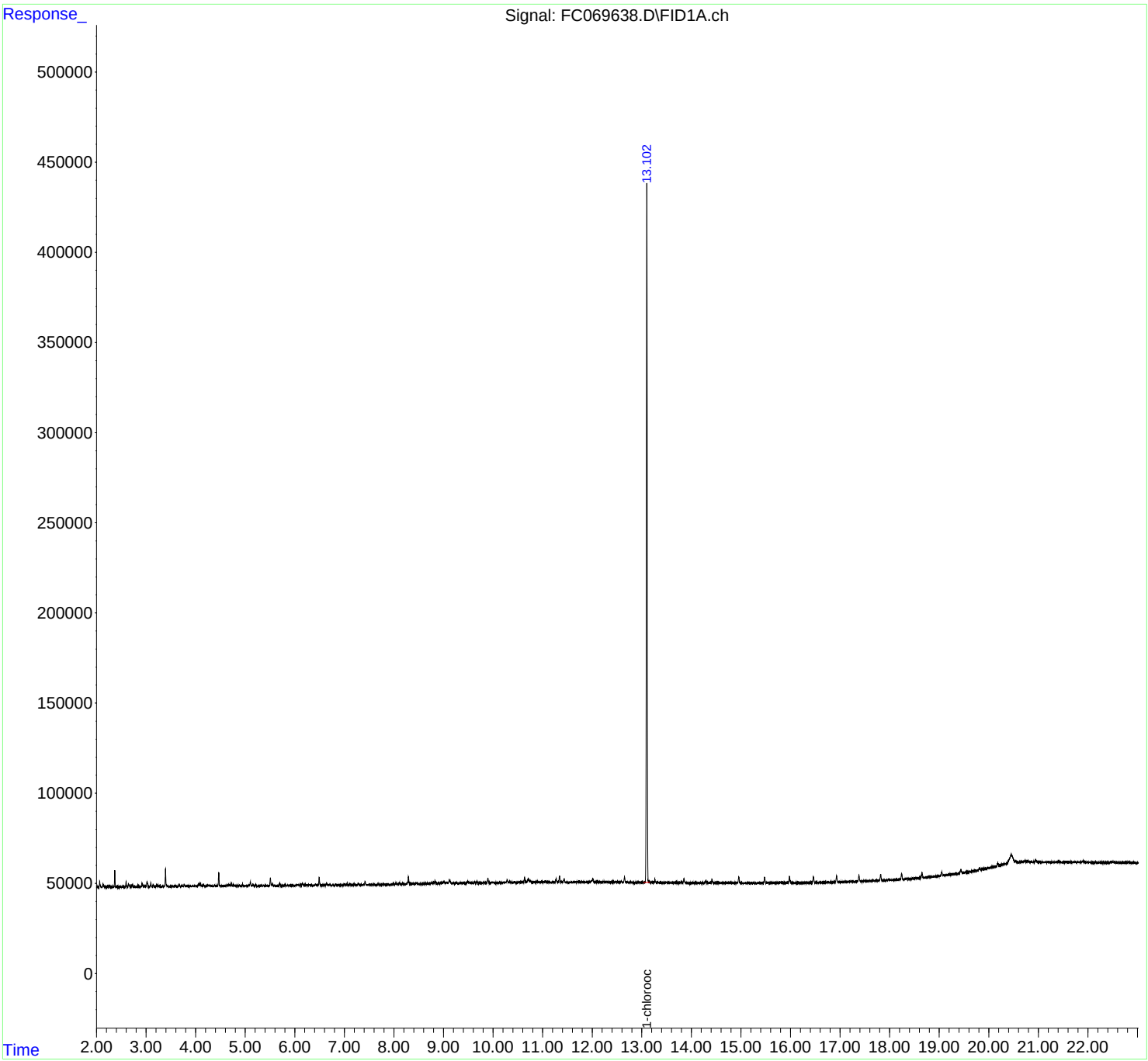
(f)=RT Delta > 1/2 Window (m)=manual int.

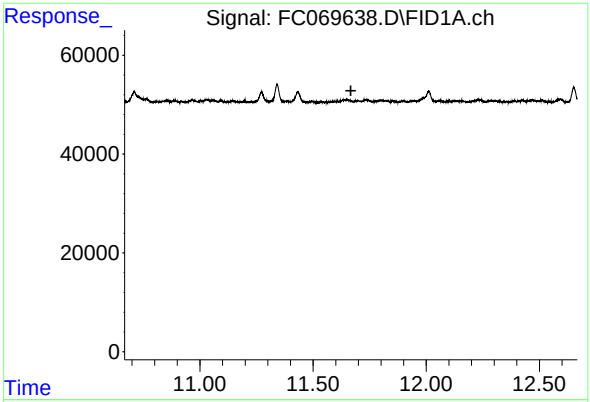
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069638.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 14:10
Operator : YP/AJ
Sample : Q2743-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC1

Integration File: autoint1.e
Quant Time: Aug 13 01:16:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

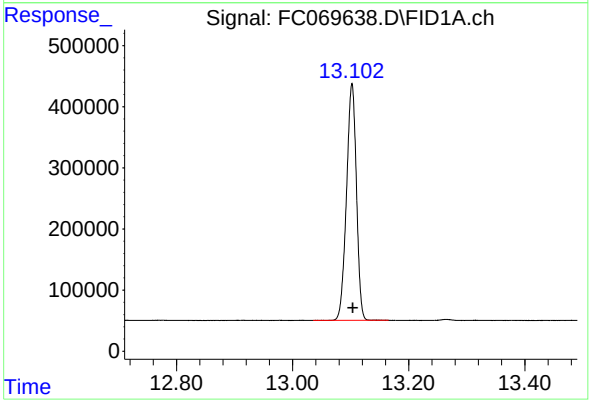




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.667 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
WC1



#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.001 min
Response: 4593248
Conc: 42.13 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069638.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 14:10
Sample : Q2743-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.216	3.204	3.231	PH	701	7180	0.15%	0.047%
2	3.241	3.231	3.257	PV	537	3702	0.08%	0.024%
3	3.272	3.257	3.310	PV	313	5464	0.12%	0.036%
4	3.340	3.310	3.354	PV	441	4992	0.11%	0.033%
5	3.393	3.354	3.429	VV	9911	92278	1.97%	0.603%
6	3.437	3.429	3.467	VV	444	4504	0.10%	0.029%
7	3.495	3.467	3.506	VV	148	1775	0.04%	0.012%
8	3.521	3.506	3.534	VV	441	4050	0.09%	0.026%
9	3.547	3.534	3.560	VV	455	3728	0.08%	0.024%
10	3.586	3.560	3.628	VV	564	10949	0.23%	0.072%
11	3.667	3.628	3.694	PV	1379	20718	0.44%	0.135%
12	3.714	3.694	3.741	VV	618	11316	0.24%	0.074%
13	3.768	3.741	3.814	VV	1485	21880	0.47%	0.143%
14	3.825	3.814	3.851	VV	443	7826	0.17%	0.051%
15	3.864	3.851	3.877	VV	396	4408	0.09%	0.029%
16	3.892	3.877	3.924	VV	570	7907	0.17%	0.052%
17	3.940	3.924	3.957	VV	500	4750	0.10%	0.031%
18	3.983	3.957	4.008	VV	437	9465	0.20%	0.062%
19	4.018	4.008	4.031	VV	337	3229	0.07%	0.021%
20	4.064	4.031	4.079	VV	1938	25437	0.54%	0.166%
21	4.093	4.079	4.118	VV	2127	23085	0.49%	0.151%
22	4.128	4.118	4.144	VV	507	6676	0.14%	0.044%
23	4.161	4.144	4.194	VV	1468	16348	0.35%	0.107%
24	4.243	4.194	4.259	VV	883	16362	0.35%	0.107%
25	4.275	4.259	4.324	VV	816	17224	0.37%	0.113%

rteres

26	4.333	4.324	4.358	VV	331	4691	0.10%	0.031%
27	4.385	4.358	4.411	VV	543	10704	0.23%	0.070%
28	4.424	4.411	4.443	VV	408	6258	0.13%	0.041%
29	4.467	4.443	4.526	VV	7599	81643	1.75%	0.533%
30	4.538	4.526	4.545	VV	240	2500	0.05%	0.016%
31	4.559	4.545	4.601	VV	395	8377	0.18%	0.055%
32	4.636	4.601	4.654	VV	883	15646	0.33%	0.102%
33	4.669	4.654	4.679	VV	748	7657	0.16%	0.050%
34	4.692	4.679	4.708	VV	1112	12022	0.26%	0.079%
35	4.722	4.708	4.739	VV	2117	21081	0.45%	0.138%
36	4.753	4.739	4.764	VV	713	7740	0.17%	0.051%
37	4.776	4.764	4.789	VV	565	7262	0.16%	0.047%
38	4.800	4.789	4.828	VV	509	7519	0.16%	0.049%
39	4.843	4.828	4.860	VV	485	6196	0.13%	0.040%
40	4.884	4.860	4.925	VV	675	12207	0.26%	0.080%
41	4.947	4.925	4.967	VV	1133	12547	0.27%	0.082%
42	4.990	4.967	5.005	VV	327	5168	0.11%	0.034%
43	5.027	5.005	5.049	VV	403	6753	0.14%	0.044%
44	5.078	5.049	5.088	VV	1051	11014	0.24%	0.072%
45	5.104	5.088	5.130	VV	2512	30130	0.64%	0.197%
46	5.149	5.130	5.179	VV	935	16071	0.34%	0.105%
47	5.211	5.179	5.233	VV	844	14297	0.31%	0.093%
48	5.241	5.233	5.253	VV	171	1666	0.04%	0.011%
49	5.327	5.253	5.356	VV	443	14220	0.30%	0.093%
50	5.372	5.356	5.385	VV	317	4358	0.09%	0.028%
51	5.403	5.385	5.421	VV	624	8163	0.17%	0.053%
52	5.431	5.421	5.484	VV	322	8194	0.18%	0.054%
53	5.508	5.484	5.526	VV	4672	48030	1.03%	0.314%
54	5.542	5.526	5.566	VV	1069	18295	0.39%	0.120%
55	5.578	5.566	5.592	VV	399	4569	0.10%	0.030%
56	5.604	5.592	5.631	VV	342	4825	0.10%	0.032%
57	5.644	5.631	5.658	VV	285	3075	0.07%	0.020%
58	5.696	5.658	5.731	VV	1332	21362	0.46%	0.140%
59	5.756	5.731	5.773	VV	418	5841	0.12%	0.038%
60	5.795	5.773	5.840	VV	667	15263	0.33%	0.100%
61	5.857	5.840	5.875	VV	386	5645	0.12%	0.037%
62	5.919	5.875	5.943	VV	427	10557	0.23%	0.069%
63	5.964	5.943	5.994	VV	434	7519	0.16%	0.049%
64	6.012	5.994	6.020	VV	438	5044	0.11%	0.033%
65	6.032	6.020	6.046	VV	666	7938	0.17%	0.052%
66	6.065	6.046	6.091	VV	822	14533	0.31%	0.095%
67	6.109	6.091	6.131	VV	820	11310	0.24%	0.074%
68	6.152	6.131	6.184	VV	1272	21649	0.46%	0.141%
69	6.212	6.184	6.231	VV	1026	15260	0.33%	0.100%

rteres

70	6.252	6.231	6.264	VV	449	7764	0.17%	0.051%
71	6.285	6.264	6.322	VV	601	16438	0.35%	0.107%
72	6.336	6.322	6.356	VV	454	7081	0.15%	0.046%
73	6.376	6.356	6.395	VV	505	8738	0.19%	0.057%
74	6.421	6.395	6.443	VV	647	14216	0.30%	0.093%
75	6.458	6.443	6.467	VV	561	6934	0.15%	0.045%
76	6.492	6.467	6.541	VV	4841	61028	1.31%	0.399%
77	6.553	6.541	6.566	VV	370	4418	0.09%	0.029%
78	6.579	6.566	6.598	VV	406	6711	0.14%	0.044%
79	6.610	6.598	6.622	VV	434	5545	0.12%	0.036%
80	6.642	6.622	6.664	VV	1829	23822	0.51%	0.156%
81	6.678	6.664	6.704	VV	599	12473	0.27%	0.081%
82	6.715	6.704	6.744	VV	604	8482	0.18%	0.055%
83	6.764	6.744	6.794	VV	541	9338	0.20%	0.061%
84	6.821	6.794	6.849	VV	601	11443	0.24%	0.075%
85	6.869	6.849	6.881	VV	424	6954	0.15%	0.045%
86	6.890	6.881	6.917	VV	459	7228	0.15%	0.047%
87	6.994	6.917	7.026	VV	988	32062	0.69%	0.209%
88	7.054	7.026	7.084	VV	881	19644	0.42%	0.128%
89	7.115	7.084	7.137	VV	822	18221	0.39%	0.119%
90	7.155	7.137	7.175	VV	674	9925	0.21%	0.065%
91	7.198	7.175	7.214	VV	1040	14520	0.31%	0.095%
92	7.220	7.214	7.244	VV	598	7808	0.17%	0.051%
93	7.280	7.244	7.318	VV	1432	27561	0.59%	0.180%
94	7.335	7.318	7.368	VV	566	12079	0.26%	0.079%
95	7.384	7.368	7.398	VV	697	9931	0.21%	0.065%
96	7.419	7.398	7.454	VV	2467	34848	0.75%	0.228%
97	7.483	7.454	7.497	VV	520	11502	0.25%	0.075%
98	7.511	7.497	7.530	VV	621	9394	0.20%	0.061%
99	7.556	7.530	7.565	VV	434	7966	0.17%	0.052%
100	7.592	7.565	7.660	VV	745	22556	0.48%	0.147%
101	7.684	7.660	7.699	VV	942	12473	0.27%	0.081%
102	7.720	7.699	7.744	VV	511	11890	0.25%	0.078%
103	7.764	7.744	7.788	VV	568	11333	0.24%	0.074%
104	7.808	7.788	7.831	VV	662	13251	0.28%	0.087%
105	7.856	7.831	7.890	VV	638	18850	0.40%	0.123%
106	7.900	7.890	7.921	VV	594	8675	0.19%	0.057%
107	7.943	7.921	7.958	VV	647	10690	0.23%	0.070%
108	7.987	7.958	8.014	VV	1203	24560	0.53%	0.160%
109	8.041	8.014	8.081	VV	1172	31807	0.68%	0.208%
110	8.112	8.081	8.134	VV	1345	27389	0.59%	0.179%
111	8.173	8.134	8.184	VV	955	24198	0.52%	0.158%
112	8.198	8.184	8.218	VV	1087	17047	0.36%	0.111%

rteres

113	8.292	8.218	8.356	VV	4853	109582	2.34%	0.716%
114	8.386	8.356	8.424	VV	970	33100	0.71%	0.216%
115	8.457	8.424	8.504	VV	1275	45991	0.98%	0.300%
116	8.527	8.504	8.553	VV	842	21593	0.46%	0.141%
117	8.581	8.553	8.594	VV	765	18216	0.39%	0.119%
118	8.649	8.594	8.671	VV	1093	41952	0.90%	0.274%
119	8.696	8.671	8.718	VV	1066	27158	0.58%	0.177%
120	8.757	8.718	8.771	VV	1376	35677	0.76%	0.233%
121	8.829	8.771	8.871	VV	2215	79810	1.71%	0.521%
122	8.898	8.871	8.931	VV	1212	38253	0.82%	0.250%
123	9.012	8.931	9.034	VV	1976	86787	1.86%	0.567%
124	9.054	9.034	9.088	VV	1565	43743	0.94%	0.286%
125	9.116	9.088	9.183	VV	2638	88119	1.88%	0.576%
126	9.202	9.183	9.234	VV	1420	32798	0.70%	0.214%
127	9.272	9.234	9.292	VV	1183	35815	0.77%	0.234%
128	9.332	9.292	9.343	VV	1299	31738	0.68%	0.207%
129	9.353	9.343	9.391	VV	1271	31832	0.68%	0.208%
130	9.418	9.391	9.444	VV	1257	35308	0.76%	0.231%
131	9.488	9.444	9.506	VV	1868	50175	1.07%	0.328%
132	9.513	9.506	9.554	VV	1411	37835	0.81%	0.247%
133	9.572	9.554	9.595	VV	1262	28459	0.61%	0.186%
134	9.623	9.595	9.641	VV	1575	34917	0.75%	0.228%
135	9.674	9.641	9.714	VV	1869	54631	1.17%	0.357%
136	9.734	9.714	9.778	VV	1304	41248	0.88%	0.269%
137	9.815	9.778	9.841	VV	1348	41649	0.89%	0.272%
138	9.861	9.841	9.874	VV	1355	25287	0.54%	0.165%
139	9.896	9.874	9.941	VV	3875	74340	1.59%	0.486%
140	9.978	9.941	9.994	VV	1363	40004	0.86%	0.261%
141	10.003	9.994	10.058	VV	1332	44346	0.95%	0.290%
142	10.066	10.058	10.101	VV	1106	28134	0.60%	0.184%
143	10.110	10.101	10.155	VV	1158	35541	0.76%	0.232%
144	10.173	10.155	10.190	VV	1244	23579	0.50%	0.154%
145	10.242	10.190	10.257	VV	1394	47781	1.02%	0.312%
146	10.285	10.257	10.314	VV	2576	61866	1.32%	0.404%
147	10.335	10.314	10.354	VV	1832	36160	0.77%	0.236%
148	10.378	10.354	10.414	VV	1570	48248	1.03%	0.315%
149	10.433	10.414	10.471	VV	1584	44006	0.94%	0.287%
150	10.534	10.471	10.551	VV	1522	61010	1.30%	0.399%
151	10.566	10.551	10.601	VV	1595	42938	0.92%	0.281%
152	10.636	10.601	10.677	VV	3731	88222	1.89%	0.576%
153	10.709	10.677	10.751	VV	3314	98464	2.11%	0.643%
154	10.763	10.751	10.789	VV	1851	35666	0.76%	0.233%
155	10.815	10.789	10.824	VV	1336	27394	0.59%	0.179%

rteres

156	10.852	10.824	10.874	VV	1490	41486	0.89%	0.271%
157	10.888	10.874	10.911	VV	1533	30216	0.65%	0.197%
158	10.919	10.911	10.934	VV	1335	17772	0.38%	0.116%
159	10.966	10.934	10.991	VV	1599	47183	1.01%	0.308%
160	11.030	10.991	11.080	VV	1682	77321	1.65%	0.505%
161	11.093	11.080	11.111	VV	1470	25178	0.54%	0.164%
162	11.123	11.111	11.131	VV	1296	15051	0.32%	0.098%
163	11.146	11.131	11.183	VV	1412	38869	0.83%	0.254%
164	11.198	11.183	11.220	VV	1376	26592	0.57%	0.174%
165	11.227	11.220	11.236	VV	1232	11281	0.24%	0.074%
166	11.272	11.236	11.311	VV	3162	80782	1.73%	0.528%
167	11.341	11.311	11.373	VV	4746	88237	1.89%	0.576%
168	11.386	11.373	11.398	VV	1336	18778	0.40%	0.123%
169	11.433	11.398	11.474	VV	3210	81092	1.73%	0.530%
170	11.494	11.474	11.520	VV	1272	31101	0.67%	0.203%
171	11.536	11.520	11.564	VV	1205	27861	0.60%	0.182%
172	11.579	11.564	11.586	VV	1166	15185	0.32%	0.099%
173	11.654	11.586	11.681	VV	1507	74592	1.60%	0.487%
174	11.698	11.681	11.714	VV	1338	25571	0.55%	0.167%
175	11.737	11.714	11.761	VV	1528	37659	0.81%	0.246%
176	11.803	11.761	11.843	VV	1441	63346	1.35%	0.414%
177	11.855	11.843	11.874	VV	1229	22030	0.47%	0.144%
178	11.895	11.874	11.921	VV	1242	32071	0.69%	0.210%
179	12.011	11.921	12.045	VV	3272	123744	2.65%	0.808%
180	12.060	12.045	12.083	VV	1273	27102	0.58%	0.177%
181	12.125	12.083	12.134	VV	1249	35631	0.76%	0.233%
182	12.150	12.134	12.198	VV	1304	43190	0.92%	0.282%
183	12.235	12.198	12.260	VV	1444	47547	1.02%	0.311%
184	12.282	12.260	12.351	VV	1306	62618	1.34%	0.409%
185	12.389	12.351	12.400	VV	1192	31888	0.68%	0.208%
186	12.426	12.400	12.438	VV	1304	26748	0.57%	0.175%
187	12.469	12.438	12.501	VV	1371	46197	0.99%	0.302%
188	12.510	12.501	12.534	VV	1268	22759	0.49%	0.149%
189	12.543	12.534	12.554	VV	1046	11424	0.24%	0.075%
190	12.592	12.554	12.619	VV	1486	46064	0.99%	0.301%
191	12.652	12.619	12.748	VV	3867	107069	2.29%	0.699%
192	12.774	12.748	12.851	VV	1047	53642	1.15%	0.350%
193	12.915	12.851	12.962	VV	974	54677	1.17%	0.357%
194	12.979	12.962	12.998	VV	892	17283	0.37%	0.113%
195	13.018	12.998	13.031	VV	932	16515	0.35%	0.108%
196	13.102	13.031	13.187	VV	386468	4676359	100.00%	30.550%
197	13.206	13.187	13.240	VV	881	25456	0.54%	0.166%
198	13.265	13.240	13.298	VV	2398	44446	0.95%	0.290%
199	13.314	13.298	13.371	VV	910	32642	0.70%	0.213%

rteres

200	13.388	13.371	13.415	VV	719	17061	0.36%	0.111%
201	13.436	13.415	13.457	VV	707	16050	0.34%	0.105%
202	13.494	13.457	13.526	VV	855	30485	0.65%	0.199%
203	13.541	13.526	13.584	VV	809	23907	0.51%	0.156%
204	13.607	13.584	13.668	VV	671	30267	0.65%	0.198%
205	13.695	13.668	13.744	VV	833	29317	0.63%	0.192%
206	13.768	13.744	13.780	VV	667	13047	0.28%	0.085%
207	13.801	13.780	13.821	VV	910	18037	0.39%	0.118%
208	13.852	13.821	13.895	VV	2878	49987	1.07%	0.327%
209	13.914	13.895	13.932	VV	448	9891	0.21%	0.065%
210	13.946	13.932	14.024	VV	473	21596	0.46%	0.141%
211	14.087	14.024	14.130	VV	590	27676	0.59%	0.181%
212	14.142	14.130	14.171	VV	413	9526	0.20%	0.062%
213	14.185	14.171	14.214	VV	468	10107	0.22%	0.066%
214	14.290	14.214	14.324	VV	1472	40032	0.86%	0.262%
215	14.337	14.324	14.351	VV	413	5752	0.12%	0.038%
216	14.371	14.351	14.387	VV	487	8530	0.18%	0.056%
217	14.416	14.387	14.467	VV	2286	38613	0.83%	0.252%
218	14.482	14.467	14.526	VV	404	12647	0.27%	0.083%
219	14.534	14.526	14.601	VV	446	15269	0.33%	0.100%
220	14.617	14.601	14.658	VV	341	10694	0.23%	0.070%
221	14.677	14.658	14.725	VV	361	13321	0.28%	0.087%
222	14.735	14.725	14.746	VV	346	3783	0.08%	0.025%
223	14.765	14.746	14.785	VV	417	7453	0.16%	0.049%
224	14.807	14.785	14.831	VV	381	8502	0.18%	0.056%
225	14.842	14.831	14.889	VV	254	6618	0.14%	0.043%
226	14.913	14.889	14.931	VV	483	8390	0.18%	0.055%
227	14.957	14.931	15.004	VV	3585	52062	1.11%	0.340%
228	15.016	15.004	15.071	VV	215	6472	0.14%	0.042%
229	15.078	15.071	15.101	VV	124	1682	0.04%	0.011%
230	15.158	15.101	15.185	VV	199	5814	0.12%	0.038%
231	15.201	15.185	15.251	VV	142	4303	0.09%	0.028%
232	15.262	15.251	15.268	VV	181	1120	0.02%	0.007%
233	15.292	15.268	15.349	VV	213	6226	0.13%	0.041%
234	15.389	15.349	15.411	VV	174	4090	0.09%	0.027%
235	15.437	15.411	15.451	VV	172	2923	0.06%	0.019%
236	15.478	15.451	15.528	VV	3313	47254	1.01%	0.309%
237	15.534	15.528	15.554	VV	233	2599	0.06%	0.017%
238	15.560	15.554	15.588	VV	198	2736	0.06%	0.018%
239	15.642	15.588	15.651	VV	224	6352	0.14%	0.041%
240	15.662	15.651	15.691	VV	228	4177	0.09%	0.027%
241	15.696	15.691	15.734	VV	210	4195	0.09%	0.027%
242	15.799	15.734	15.862	VV	403	18038	0.39%	0.118%

rteres

243	15.872	15.862	15.905	VV	225	3692	0.08%	0.024%
244	15.940	15.905	15.951	VV	352	5733	0.12%	0.037%
245	15.979	15.951	16.065	VV	3819	56145	1.20%	0.367%
246	16.082	16.065	16.091	VV	128	1287	0.03%	0.008%
247	16.121	16.091	16.132	VV	113	2132	0.05%	0.014%
248	16.155	16.132	16.227	VV	183	5461	0.12%	0.036%
249	16.241	16.227	16.257	PV	102	957	0.02%	0.006%
250	16.291	16.257	16.311	VV	243	4885	0.10%	0.032%
251	16.344	16.311	16.397	VV	157	5491	0.12%	0.036%
252	16.463	16.397	16.494	VV	3168	46637	1.00%	0.305%
253	16.505	16.494	16.524	VV	130	1268	0.03%	0.008%
254	16.535	16.524	16.594	VV	121	2198	0.05%	0.014%
255	16.622	16.594	16.630	VV	215	2457	0.05%	0.016%
256	16.641	16.630	16.653	VV	213	2114	0.05%	0.014%
257	16.666	16.653	16.720	VV	214	5359	0.11%	0.035%
258	16.745	16.720	16.794	VV	232	6187	0.13%	0.040%
259	16.814	16.794	16.834	VV	213	3437	0.07%	0.022%
260	16.852	16.834	16.864	VV	128	1302	0.03%	0.009%
261	16.931	16.864	16.985	VV	3543	54149	1.16%	0.354%
262	17.008	16.985	17.018	VV	147	1527	0.03%	0.010%
263	17.053	17.018	17.067	PV	145	2883	0.06%	0.019%
264	17.097	17.067	17.115	VV	148	2973	0.06%	0.019%
265	17.213	17.115	17.241	PV	193	9681	0.21%	0.063%
266	17.268	17.241	17.290	VV	172	2818	0.06%	0.018%
267	17.382	17.290	17.413	PV	3406	53763	1.15%	0.351%
268	17.422	17.413	17.451	VV	145	1716	0.04%	0.011%
269	17.507	17.451	17.534	VV	175	4545	0.10%	0.030%
270	17.596	17.534	17.623	VV	146	5242	0.11%	0.034%
271	17.665	17.623	17.694	VV	199	5017	0.11%	0.033%
272	17.725	17.694	17.748	VV	114	2570	0.05%	0.017%
273	17.820	17.748	17.864	VV	3681	52707	1.13%	0.344%
274	17.977	17.864	18.058	VV	447	16050	0.34%	0.105%
275	18.098	18.058	18.119	PV	228	5035	0.11%	0.033%
276	18.243	18.119	18.274	VV	3337	54795	1.17%	0.358%
277	18.345	18.274	18.364	PV	475	9038	0.19%	0.059%
278	18.380	18.364	18.407	VV	117	2092	0.04%	0.014%
279	18.466	18.407	18.481	PV	122	2565	0.05%	0.017%
280	18.509	18.481	18.524	VV	246	4062	0.09%	0.027%
281	18.556	18.524	18.566	VV	112	2139	0.05%	0.014%
282	18.653	18.566	18.708	VV	3117	48672	1.04%	0.318%
283	18.774	18.708	18.786	VV	197	4305	0.09%	0.028%
284	18.819	18.786	18.861	VV	181	5104	0.11%	0.033%
285	18.915	18.861	18.931	VV	258	4025	0.09%	0.026%

rteres

286	18.986	18.931	19.004	VV	266	7741	0.17%	0.051%
287	19.051	19.004	19.083	VV	2536	41708	0.89%	0.272%
288	19.105	19.083	19.124	VV	412	8534	0.18%	0.056%
289	19.268	19.124	19.276	VV	593	42875	0.92%	0.280%
290	19.302	19.276	19.320	VV	635	14875	0.32%	0.097%
291	19.438	19.320	19.501	VV	2952	107341	2.30%	0.701%
292	19.731	19.501	19.764	VV	1424	176162	3.77%	1.151%
293	19.815	19.764	19.842	VV	2806	88051	1.88%	0.575%
294	20.088	19.842	20.114	VV	2683	349665	7.48%	2.284%
295	20.180	20.114	20.211	VV	4263	183425	3.92%	1.198%
296	20.448	20.211	20.528	VV	8274	917892	19.63%	5.996%
297	20.541	20.528	20.575	VV	4806	125811	2.69%	0.822%
298	20.741	20.575	20.769	VV	4075	464336	9.93%	3.033%
299	20.791	20.769	20.891	VV	3912	266902	5.71%	1.744%
300	20.943	20.891	20.991	VV	3894	206314	4.41%	1.348%
301	21.006	20.991	21.038	VV	2991	81334	1.74%	0.531%
302	21.046	21.038	21.068	VV	2835	50576	1.08%	0.330%
303	21.108	21.068	21.128	VV	2729	98173	2.10%	0.641%
304	21.136	21.128	21.163	VV	2672	54843	1.17%	0.358%
305	21.174	21.163	21.181	VV	2519	26606	0.57%	0.174%
306	21.189	21.181	21.238	VV	2526	83403	1.78%	0.545%
307	21.246	21.238	21.334	VV	2398	130093	2.78%	0.850%
308	21.407	21.334	21.445	VV	2484	140493	3.00%	0.918%
309	21.454	21.445	21.492	VV	1851	50667	1.08%	0.331%
310	21.556	21.492	21.614	VV	1667	117081	2.50%	0.765%
311	21.631	21.614	21.642	VV	1518	24181	0.52%	0.158%
312	21.653	21.642	21.669	VV	1424	22455	0.48%	0.147%
313	21.690	21.669	21.711	VV	1381	31634	0.68%	0.207%
314	21.780	21.711	21.847	VV	1114	86980	1.86%	0.568%
315	21.902	21.847	21.946	VV	1257	58388	1.25%	0.381%
316	21.953	21.946	21.987	VV	628	13885	0.30%	0.091%
317	21.995	21.987	22.018	VV	542	8242	0.18%	0.054%
318	22.051	22.018	22.122	VV	439	15391	0.33%	0.101%
			Sum of corrected areas:			15307353		

Aliphatic EPH 080125.M Wed Aug 13 05:14:55 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049619.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 14:10
Operator : YP/AJ
Sample : Q2743-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WC1

Integration File: autoint1.e
Quant Time: Aug 13 00:29:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.715	4521868	44.121 ug/ml
Spiked Amount 50.000		Recovery = 88.24%	
6) S 2-Flurobiphenyl (SURR)	8.580	3258700	44.612 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery = 89.22%	
11) S ortho-Terphenyl (SURR)	11.627	4883384	37.624 ug/ml
Spiked Amount 50.000		Recovery = 75.25%	
Target Compounds			

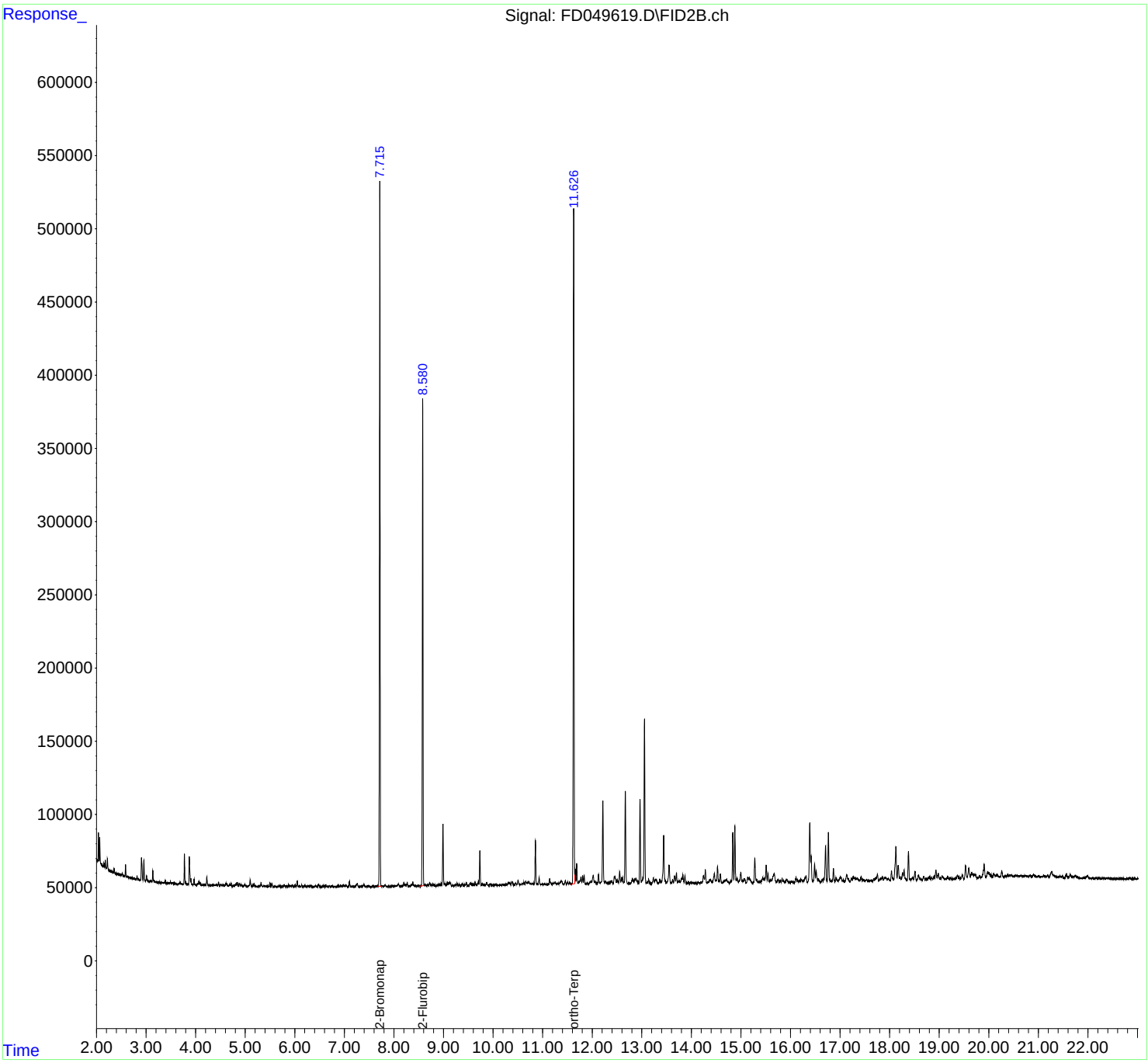
(f)=RT Delta > 1/2 Window (m)=manual int.

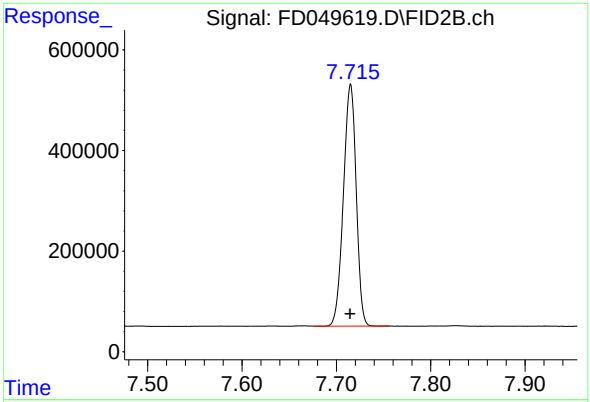
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049619.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 14:10
Operator : YP/AJ
Sample : Q2743-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WC1

Integration File: autoint1.e
Quant Time: Aug 13 00:29:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

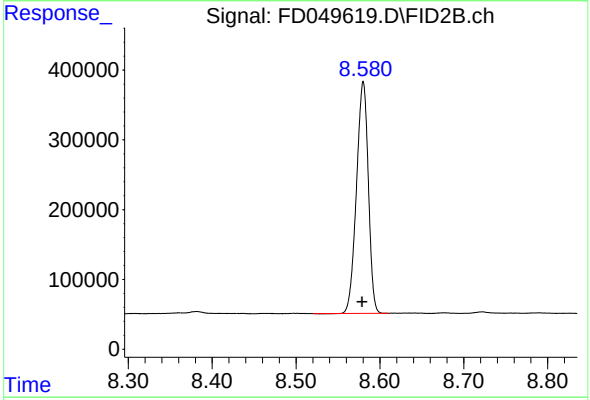




#4 2-Bromonaphthalene (SURR)

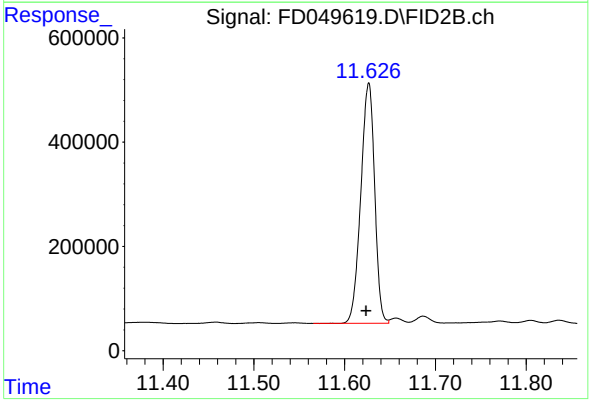
R.T.: 7.715 min
Delta R.T.: 0.000 min
Response: 4521868
Conc: 44.12 ug/ml

Instrument :
FID_D
ClientSampleId :
WC1



#6 2-Flurobiphenyl (SURR)

R.T.: 8.580 min
Delta R.T.: 0.002 min
Response: 3258700
Conc: 44.61 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: 0.003 min
Response: 4883384
Conc: 37.62 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049619.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 14:10
Sample : Q2743-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.259	4.252	4.284	PH	467	3939	0.08%	0.012%
2	4.318	4.312	4.337	VV	273	2532	0.05%	0.008%
3	4.356	4.346	4.376	VV	604	6196	0.13%	0.019%
4	4.391	4.376	4.404	VV	607	7464	0.15%	0.023%
5	4.418	4.404	4.444	VV	1352	14420	0.29%	0.045%
6	4.463	4.444	4.491	VV	2629	27811	0.57%	0.087%
7	4.507	4.491	4.521	VV	1313	13619	0.28%	0.042%
8	4.538	4.521	4.556	VV	795	11030	0.22%	0.034%
9	4.569	4.556	4.593	VV	857	12313	0.25%	0.038%
10	4.612	4.593	4.623	VV	2074	23012	0.47%	0.072%
11	4.632	4.623	4.657	VV	1666	19081	0.39%	0.059%
12	4.662	4.657	4.670	VV	413	2501	0.05%	0.008%
13	4.687	4.670	4.703	VV	1626	18275	0.37%	0.057%
14	4.717	4.703	4.737	VV	2409	23027	0.47%	0.072%
15	4.749	4.737	4.756	PV	232	1670	0.03%	0.005%
16	4.771	4.756	4.782	VV	862	8583	0.17%	0.027%
17	4.796	4.782	4.806	VV	1417	13183	0.27%	0.041%
18	4.817	4.806	4.827	VV	2158	19711	0.40%	0.061%
19	4.841	4.827	4.861	VV	2867	32866	0.67%	0.102%
20	4.881	4.861	4.901	VV	2346	28337	0.58%	0.088%
21	4.917	4.901	4.958	VV	1726	25819	0.53%	0.080%
22	4.993	4.958	5.014	VV	1828	26283	0.54%	0.082%
23	5.022	5.014	5.051	VV	692	7759	0.16%	0.024%
24	5.073	5.051	5.082	VV	1034	11204	0.23%	0.035%
25	5.100	5.082	5.132	VV	4775	60988	1.24%	0.190%

rteres

26	5.157	5.132	5.169	VV	1657	19057	0.39%	0.059%
27	5.183	5.169	5.227	VV	1955	27561	0.56%	0.086%
28	5.235	5.227	5.245	VV	396	3257	0.07%	0.010%
29	5.252	5.245	5.269	VV	336	3958	0.08%	0.012%
30	5.287	5.269	5.300	VV	529	7815	0.16%	0.024%
31	5.319	5.300	5.352	VV	3015	37462	0.76%	0.117%
32	5.372	5.352	5.387	VV	1053	13539	0.28%	0.042%
33	5.394	5.387	5.410	VV	828	7655	0.16%	0.024%
34	5.435	5.410	5.445	VV	566	7526	0.15%	0.023%
35	5.458	5.445	5.477	VV	655	8486	0.17%	0.026%
36	5.501	5.477	5.519	VV	2503	30407	0.62%	0.095%
37	5.540	5.519	5.581	VV	2260	33041	0.67%	0.103%
38	5.595	5.581	5.611	PV	599	7287	0.15%	0.023%
39	5.617	5.611	5.630	VV	441	3245	0.07%	0.010%
40	5.642	5.630	5.649	VV	354	2939	0.06%	0.009%
41	5.661	5.649	5.671	VV	633	6203	0.13%	0.019%
42	5.690	5.671	5.704	VV	838	12787	0.26%	0.040%
43	5.707	5.704	5.710	VV	552	2057	0.04%	0.006%
44	5.714	5.710	5.727	VV	644	4425	0.09%	0.014%
45	5.750	5.727	5.762	VV	632	10005	0.20%	0.031%
46	5.785	5.762	5.825	VV	1552	34098	0.69%	0.106%
47	5.836	5.825	5.857	VV	819	11408	0.23%	0.035%
48	5.874	5.857	5.881	VV	1216	12191	0.25%	0.038%
49	5.895	5.881	5.915	VV	1077	16389	0.33%	0.051%
50	5.924	5.915	5.937	VV	1038	10908	0.22%	0.034%
51	5.954	5.937	5.975	VV	1290	18350	0.37%	0.057%
52	6.006	5.975	6.033	VV	1439	28336	0.58%	0.088%
53	6.050	6.033	6.070	VV	4376	45362	0.92%	0.141%
54	6.098	6.070	6.117	VV	989	18300	0.37%	0.057%
55	6.139	6.117	6.166	VV	1648	22011	0.45%	0.068%
56	6.198	6.166	6.249	VV	1181	34486	0.70%	0.107%
57	6.269	6.249	6.293	VV	902	17635	0.36%	0.055%
58	6.305	6.293	6.312	VV	775	7657	0.16%	0.024%
59	6.324	6.312	6.384	VV	1048	22085	0.45%	0.069%
60	6.419	6.384	6.457	VV	848	24749	0.50%	0.077%
61	6.479	6.457	6.527	VV	2225	34813	0.71%	0.108%
62	6.567	6.527	6.583	VV	1017	16006	0.33%	0.050%
63	6.599	6.583	6.612	VV	866	11022	0.22%	0.034%
64	6.628	6.612	6.646	VV	1521	17431	0.35%	0.054%
65	6.669	6.646	6.674	VV	601	7352	0.15%	0.023%
66	6.679	6.674	6.691	VV	627	5242	0.11%	0.016%
67	6.701	6.691	6.720	VV	961	9756	0.20%	0.030%
68	6.733	6.720	6.742	VV	551	5270	0.11%	0.016%
69	6.759	6.742	6.778	VV	1002	13852	0.28%	0.043%

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70	6.809	6.778	6.834	PV	490	10821	0.22%	0.034%
71	6.864	6.834	6.870	VV	908	13768	0.28%	0.043%
72	6.880	6.870	6.901	VV	1285	16265	0.33%	0.051%
73	6.920	6.901	6.937	VV	985	14729	0.30%	0.046%
74	6.949	6.937	6.954	VV	635	5762	0.12%	0.018%
75	6.973	6.954	7.009	VV	1337	28939	0.59%	0.090%
76	7.012	7.009	7.017	VV	891	4231	0.09%	0.013%
77	7.036	7.017	7.072	VV	1269	24205	0.49%	0.075%
78	7.104	7.072	7.132	VV	3737	46765	0.95%	0.145%
79	7.143	7.132	7.149	VV	321	2626	0.05%	0.008%
80	7.156	7.149	7.168	VV	480	3169	0.06%	0.010%
81	7.211	7.168	7.222	VV	537	11463	0.23%	0.036%
82	7.241	7.222	7.248	VV	1645	16556	0.34%	0.051%
83	7.262	7.248	7.303	VV	2481	34906	0.71%	0.109%
84	7.322	7.303	7.355	VV	640	10919	0.22%	0.034%
85	7.391	7.355	7.429	VV	1640	35806	0.73%	0.111%
86	7.468	7.429	7.480	VV	785	16175	0.33%	0.050%
87	7.492	7.480	7.510	VV	727	7976	0.16%	0.025%
88	7.523	7.510	7.533	PV	224	1679	0.03%	0.005%
89	7.578	7.533	7.614	VV	540	17263	0.35%	0.054%
90	7.617	7.614	7.621	VV	518	2048	0.04%	0.006%
91	7.633	7.621	7.646	VV	697	7881	0.16%	0.025%
92	7.664	7.646	7.684	VV	1108	15328	0.31%	0.048%
93	7.715	7.684	7.779	VV	481782	4553053	92.70%	14.162%
94	7.784	7.779	7.789	VV	480	2510	0.05%	0.008%
95	7.807	7.789	7.814	VV	729	8781	0.18%	0.027%
96	7.827	7.814	7.855	VV	1244	17635	0.36%	0.055%
97	7.860	7.855	7.867	VV	225	1474	0.03%	0.005%
98	7.878	7.867	7.898	VV	404	5812	0.12%	0.018%
99	7.923	7.898	7.950	VV	470	8427	0.17%	0.026%
100	7.965	7.950	7.981	VV	899	10601	0.22%	0.033%
101	7.990	7.981	7.999	VV	646	5660	0.12%	0.018%
102	8.010	7.999	8.021	VV	650	6397	0.13%	0.020%
103	8.031	8.021	8.045	VV	551	6622	0.13%	0.021%
104	8.081	8.045	8.086	VV	1618	21621	0.44%	0.067%
105	8.094	8.086	8.137	VV	1801	27550	0.56%	0.086%
106	8.143	8.137	8.149	VV	487	3325	0.07%	0.010%
107	8.168	8.149	8.176	VV	658	7717	0.16%	0.024%
108	8.198	8.176	8.215	VV	3002	35842	0.73%	0.111%
109	8.225	8.215	8.244	VV	1762	19195	0.39%	0.060%
110	8.266	8.244	8.293	VV	2310	36936	0.75%	0.115%
111	8.307	8.293	8.320	VV	593	6873	0.14%	0.021%
112	8.361	8.320	8.366	VV	1481	21776	0.44%	0.068%

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113	8.381	8.366	8.404	VV	3308	43476	0.89%	0.135%
114	8.409	8.404	8.432	VV	723	10045	0.20%	0.031%
115	8.437	8.432	8.449	VV	685	3982	0.08%	0.012%
116	8.467	8.449	8.484	VV	672	9308	0.19%	0.029%
117	8.498	8.484	8.514	VV	797	9628	0.20%	0.030%
118	8.518	8.514	8.529	VV	366	2394	0.05%	0.007%
119	8.580	8.540	8.610	VV	333276	3283612	66.86%	10.213%
120	8.641	8.610	8.661	VV	1173	28207	0.57%	0.088%
121	8.677	8.661	8.699	VV	1465	21185	0.43%	0.066%
122	8.722	8.699	8.749	VV	2799	43791	0.89%	0.136%
123	8.756	8.749	8.772	VV	1067	12614	0.26%	0.039%
124	8.790	8.772	8.817	VV	1374	25840	0.53%	0.080%
125	8.826	8.817	8.854	VV	767	11968	0.24%	0.037%
126	8.885	8.854	8.902	VV	1136	22775	0.46%	0.071%
127	8.916	8.902	8.933	VV	1589	21444	0.44%	0.067%
128	8.950	8.933	8.967	VV	1738	25897	0.53%	0.081%
129	8.989	8.967	9.011	VV	42399	433771	8.83%	1.349%
130	9.017	9.011	9.034	VV	1774	20576	0.42%	0.064%
131	9.041	9.034	9.059	VV	1439	15746	0.32%	0.049%
132	9.083	9.059	9.097	VV	2254	40075	0.82%	0.125%
133	9.125	9.097	9.137	VV	2468	48899	1.00%	0.152%
134	9.143	9.137	9.166	VV	1808	16652	0.34%	0.052%
135	9.182	9.166	9.198	VV	738	9352	0.19%	0.029%
136	9.202	9.198	9.209	VV	406	2018	0.04%	0.006%
137	9.238	9.209	9.254	VV	1084	18176	0.37%	0.057%
138	9.273	9.254	9.299	VV	2187	29122	0.59%	0.091%
139	9.321	9.299	9.347	VV	1026	18726	0.38%	0.058%
140	9.374	9.347	9.402	VV	1694	25865	0.53%	0.080%
141	9.420	9.402	9.437	VV	934	13342	0.27%	0.041%
142	9.458	9.437	9.505	VV	2132	37310	0.76%	0.116%
143	9.509	9.505	9.514	VV	324	1207	0.02%	0.004%
144	9.532	9.514	9.544	VV	2010	23177	0.47%	0.072%
145	9.557	9.544	9.575	VV	2196	27833	0.57%	0.087%
146	9.589	9.575	9.595	VV	1024	10934	0.22%	0.034%
147	9.606	9.595	9.619	VV	1121	13419	0.27%	0.042%
148	9.637	9.619	9.654	VV	2130	30100	0.61%	0.094%
149	9.665	9.654	9.679	VV	984	12875	0.26%	0.040%
150	9.703	9.679	9.715	VV	2824	38922	0.79%	0.121%
151	9.734	9.715	9.762	VV	24139	248692	5.06%	0.774%
152	9.780	9.762	9.809	VV	1748	29923	0.61%	0.093%
153	9.830	9.809	9.847	VV	996	17688	0.36%	0.055%
154	9.874	9.847	9.920	VV	1818	42503	0.87%	0.132%
155	9.942	9.920	9.972	VV	1278	22103	0.45%	0.069%

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156	9.976	9.972	9.997	VV	557	5747	0.12%	0.018%
157	10.041	9.997	10.048	VV	973	15019	0.31%	0.047%
158	10.058	10.048	10.086	VV	1011	13151	0.27%	0.041%
159	10.094	10.086	10.106	VV	526	4209	0.09%	0.013%
160	10.112	10.106	10.125	VV	258	2109	0.04%	0.007%
161	10.142	10.125	10.159	VV	534	7567	0.15%	0.024%
162	10.188	10.159	10.218	VV	978	23186	0.47%	0.072%
163	10.229	10.218	10.242	VV	649	7777	0.16%	0.024%
164	10.259	10.242	10.277	VV	943	14714	0.30%	0.046%
165	10.315	10.277	10.329	VV	2346	44115	0.90%	0.137%
166	10.336	10.329	10.360	VV	1792	23321	0.47%	0.073%
167	10.378	10.360	10.418	VV	2700	53095	1.08%	0.165%
168	10.426	10.418	10.435	VV	781	6194	0.13%	0.019%
169	10.455	10.435	10.480	VV	1634	32582	0.66%	0.101%
170	10.505	10.480	10.545	VV	3608	64839	1.32%	0.202%
171	10.550	10.545	10.573	VV	1150	14503	0.30%	0.045%
172	10.603	10.573	10.610	VV	1483	27425	0.56%	0.085%
173	10.623	10.610	10.638	VV	2288	27195	0.55%	0.085%
174	10.660	10.638	10.684	VV	3053	54508	1.11%	0.170%
175	10.701	10.684	10.713	VV	1921	32133	0.65%	0.100%
176	10.724	10.713	10.746	VV	2259	34979	0.71%	0.109%
177	10.755	10.746	10.771	VV	1573	17668	0.36%	0.055%
178	10.787	10.771	10.809	VV	1287	23631	0.48%	0.074%
179	10.823	10.809	10.832	VV	1545	16477	0.34%	0.051%
180	10.855	10.832	10.894	VV	30709	335512	6.83%	1.044%
181	10.898	10.894	10.906	VV	988	5672	0.12%	0.018%
182	10.929	10.906	10.964	VV	5427	72999	1.49%	0.227%
183	10.967	10.964	10.974	VV	724	3950	0.08%	0.012%
184	10.978	10.974	11.009	VV	786	13923	0.28%	0.043%
185	11.033	11.009	11.055	VV	970	21508	0.44%	0.067%
186	11.061	11.055	11.078	VV	687	7646	0.16%	0.024%
187	11.084	11.078	11.097	VV	664	6061	0.12%	0.019%
188	11.103	11.097	11.118	VV	587	6447	0.13%	0.020%
189	11.141	11.118	11.156	VV	4527	54537	1.11%	0.170%
190	11.165	11.156	11.184	VV	1920	21994	0.45%	0.068%
191	11.214	11.184	11.228	VV	1434	27208	0.55%	0.085%
192	11.246	11.228	11.287	VV	2148	49092	1.00%	0.153%
193	11.304	11.287	11.320	VV	1480	21437	0.44%	0.067%
194	11.377	11.320	11.418	VV	2846	97662	1.99%	0.304%
195	11.458	11.418	11.479	VV	3050	48932	1.00%	0.152%
196	11.505	11.479	11.524	VV	2096	33811	0.69%	0.105%
197	11.545	11.524	11.573	VV	1782	30665	0.62%	0.095%
198	11.586	11.573	11.591	VV	789	7485	0.15%	0.023%
199	11.627	11.591	11.649	VV	463019	4911381	100.00%	15.276%

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200	11.657	11.649	11.671	VV	10874	102548	2.09%	0.319%
201	11.687	11.671	11.710	VV	14518	165410	3.37%	0.514%
202	11.771	11.710	11.787	VV	5235	125148	2.55%	0.389%
203	11.805	11.787	11.821	VV	6339	78519	1.60%	0.244%
204	11.836	11.821	11.865	VV	6665	81879	1.67%	0.255%
205	11.908	11.865	11.925	VV	1097	28177	0.57%	0.088%
206	11.972	11.925	11.984	VV	2627	54470	1.11%	0.169%
207	12.020	11.984	12.050	VV	6401	141324	2.88%	0.440%
208	12.058	12.050	12.084	VV	2275	34604	0.70%	0.108%
209	12.088	12.084	12.101	VV	1013	9228	0.19%	0.029%
210	12.126	12.101	12.167	VV	7210	108690	2.21%	0.338%
211	12.215	12.167	12.250	VV	57708	695971	14.17%	2.165%
212	12.271	12.250	12.291	VV	2303	44072	0.90%	0.137%
213	12.301	12.291	12.319	VV	1138	15806	0.32%	0.049%
214	12.330	12.319	12.344	VV	1445	18290	0.37%	0.057%
215	12.357	12.344	12.363	VV	1508	16270	0.33%	0.051%
216	12.378	12.363	12.387	VV	2091	26762	0.54%	0.083%
217	12.399	12.387	12.421	VV	2584	34408	0.70%	0.107%
218	12.445	12.421	12.455	VV	5513	66233	1.35%	0.206%
219	12.462	12.455	12.487	VV	4865	67503	1.37%	0.210%
220	12.501	12.487	12.532	VV	3520	63192	1.29%	0.197%
221	12.554	12.532	12.575	VV	8868	123544	2.52%	0.384%
222	12.589	12.575	12.601	VV	3864	48510	0.99%	0.151%
223	12.615	12.601	12.642	VV	4601	69957	1.42%	0.218%
224	12.668	12.642	12.724	VV	63896	738341	15.03%	2.297%
225	12.732	12.724	12.750	VV	796	9671	0.20%	0.030%
226	12.765	12.750	12.774	VV	842	9525	0.19%	0.030%
227	12.805	12.774	12.816	VV	3201	50456	1.03%	0.157%
228	12.827	12.816	12.842	VV	3524	39196	0.80%	0.122%
229	12.860	12.842	12.869	VV	3539	44204	0.90%	0.137%
230	12.884	12.869	12.899	VV	4087	61157	1.25%	0.190%
231	12.903	12.899	12.919	VV	2351	23495	0.48%	0.073%
232	12.925	12.919	12.938	VV	1236	13004	0.26%	0.040%
233	12.965	12.938	12.990	VV	58198	638599	13.00%	1.986%
234	13.023	12.990	13.030	VV	4634	74880	1.52%	0.233%
235	13.055	13.030	13.087	VV	113144	1311194	26.70%	4.078%
236	13.105	13.087	13.125	VV	1481	26042	0.53%	0.081%
237	13.139	13.125	13.162	VV	3131	40022	0.81%	0.124%
238	13.172	13.162	13.193	VV	764	8494	0.17%	0.026%
239	13.234	13.193	13.252	VV	4373	69803	1.42%	0.217%
240	13.273	13.252	13.285	VV	3362	52938	1.08%	0.165%
241	13.296	13.285	13.330	VV	3354	51205	1.04%	0.159%
242	13.363	13.330	13.380	VV	3444	48441	0.99%	0.151%

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243	13.395	13.380	13.401	VV	1851	20895	0.43%	0.065%
244	13.443	13.401	13.495	VV	33204	498585	10.15%	1.551%
245	13.552	13.495	13.593	VV	13044	241366	4.91%	0.751%
246	13.622	13.593	13.640	VV	3021	46079	0.94%	0.143%
247	13.662	13.640	13.682	VV	5516	85805	1.75%	0.267%
248	13.700	13.682	13.725	VV	7410	94751	1.93%	0.295%
249	13.755	13.725	13.772	VV	2138	46186	0.94%	0.144%
250	13.807	13.772	13.812	VV	3632	58469	1.19%	0.182%
251	13.829	13.812	13.852	VV	6452	94972	1.93%	0.295%
252	13.871	13.852	13.915	VV	5160	74674	1.52%	0.232%
253	13.945	13.915	13.961	VV	1378	21097	0.43%	0.066%
254	13.982	13.961	13.993	VV	793	11896	0.24%	0.037%
255	14.011	13.993	14.022	VV	977	13608	0.28%	0.042%
256	14.040	14.022	14.045	VV	711	8686	0.18%	0.027%
257	14.053	14.045	14.103	VV	693	17249	0.35%	0.054%
258	14.138	14.114	14.159	VV	1328	16955	0.35%	0.053%
259	14.165	14.159	14.171	VV	495	2661	0.05%	0.008%
260	14.191	14.171	14.209	VV	1197	16205	0.33%	0.050%
261	14.244	14.209	14.265	VV	5521	99210	2.02%	0.309%
262	14.282	14.265	14.320	VV	9603	131966	2.69%	0.410%
263	14.334	14.320	14.342	VV	1011	10376	0.21%	0.032%
264	14.365	14.342	14.373	VV	2344	32197	0.66%	0.100%
265	14.388	14.373	14.425	VV	2852	58354	1.19%	0.182%
266	14.464	14.425	14.490	VV	6970	137878	2.81%	0.429%
267	14.495	14.490	14.505	VV	1978	17113	0.35%	0.053%
268	14.528	14.505	14.549	VV	11737	150424	3.06%	0.468%
269	14.585	14.549	14.613	VV	6510	106697	2.17%	0.332%
270	14.653	14.613	14.660	VV	1548	23254	0.47%	0.072%
271	14.687	14.660	14.697	VV	2232	38292	0.78%	0.119%
272	14.713	14.697	14.769	VV	2638	56495	1.15%	0.176%
273	14.792	14.769	14.812	VV	1548	25738	0.52%	0.080%
274	14.836	14.812	14.856	VV	34926	403185	8.21%	1.254%
275	14.878	14.856	14.902	VV	39081	466688	9.50%	1.452%
276	14.926	14.902	14.952	VV	3405	65080	1.33%	0.202%
277	14.997	14.952	15.025	VV	7393	140795	2.87%	0.438%
278	15.042	15.025	15.055	VV	1974	30013	0.61%	0.093%
279	15.075	15.055	15.108	VV	3148	52325	1.07%	0.163%
280	15.138	15.108	15.165	VV	4158	84949	1.73%	0.264%
281	15.175	15.165	15.235	VV	3066	65121	1.33%	0.203%
282	15.241	15.235	15.245	VV	253	1165	0.02%	0.004%
283	15.280	15.245	15.307	VV	16968	231025	4.70%	0.719%
284	15.320	15.307	15.366	VV	2134	41103	0.84%	0.128%
285	15.375	15.366	15.385	VV	779	8046	0.16%	0.025%

rteres

286	15.442	15.385	15.455	VV	3648	74114	1.51%	0.231%
287	15.468	15.455	15.478	VV	2844	35807	0.73%	0.111%
288	15.509	15.478	15.529	VV	12265	178759	3.64%	0.556%
289	15.545	15.529	15.569	VV	6762	88995	1.81%	0.277%
290	15.587	15.569	15.601	VV	1852	28241	0.58%	0.088%
291	15.622	15.601	15.630	VV	2168	30328	0.62%	0.094%
292	15.671	15.630	15.714	VV	6202	177905	3.62%	0.553%
293	15.750	15.714	15.770	VV	2319	44967	0.92%	0.140%
294	15.792	15.770	15.811	VV	1530	24458	0.50%	0.076%
295	15.831	15.811	15.846	VV	2771	34790	0.71%	0.108%
296	15.859	15.846	15.889	VV	1492	21585	0.44%	0.067%
297	15.925	15.889	15.964	VV	2261	50610	1.03%	0.157%
298	15.980	15.964	16.000	VV	642	9310	0.19%	0.029%
299	16.009	16.000	16.022	VV	605	5566	0.11%	0.017%
300	16.037	16.022	16.054	VV	718	8392	0.17%	0.026%
301	16.064	16.054	16.080	VV	375	2860	0.06%	0.009%
302	16.112	16.080	16.132	VV	3272	52482	1.07%	0.163%
303	16.143	16.132	16.160	VV	1917	21425	0.44%	0.067%
304	16.180	16.160	16.195	VV	1231	19630	0.40%	0.061%
305	16.214	16.195	16.244	VV	1993	38477	0.78%	0.120%
306	16.256	16.244	16.265	VV	1297	14611	0.30%	0.045%
307	16.314	16.265	16.340	VV	4558	111503	2.27%	0.347%
308	16.389	16.340	16.407	VV	40566	575160	11.71%	1.789%
309	16.416	16.407	16.456	VV	18133	214690	4.37%	0.668%
310	16.487	16.456	16.504	VV	12591	168450	3.43%	0.524%
311	16.519	16.504	16.545	VV	7962	118136	2.41%	0.367%
312	16.558	16.545	16.600	VV	2306	41362	0.84%	0.129%
313	16.638	16.600	16.654	VV	1885	28232	0.57%	0.088%
314	16.708	16.654	16.736	VV	24869	378839	7.71%	1.178%
315	16.765	16.736	16.819	VV	34033	429553	8.75%	1.336%
316	16.868	16.819	16.897	VV	9376	136341	2.78%	0.424%
317	16.918	16.897	16.963	VV	2986	60433	1.23%	0.188%
318	17.009	16.963	17.057	VV	3651	112785	2.30%	0.351%
319	17.070	17.057	17.093	VV	1195	15685	0.32%	0.049%
320	17.134	17.093	17.194	PV	4539	127199	2.59%	0.396%
321	17.230	17.203	17.244	VV	2584	34877	0.71%	0.108%
322	17.265	17.244	17.282	VV	3745	58060	1.18%	0.181%
323	17.291	17.282	17.304	VV	3089	32648	0.66%	0.102%
324	17.319	17.304	17.332	VV	2562	33533	0.68%	0.104%
325	17.347	17.332	17.366	VV	2560	37839	0.77%	0.118%
326	17.378	17.366	17.392	VV	1419	17508	0.36%	0.054%
327	17.422	17.392	17.448	VV	2875	54268	1.10%	0.169%
328	17.464	17.448	17.504	VV	1518	27329	0.56%	0.085%
329	17.541	17.504	17.565	VV	1069	25850	0.53%	0.080%

rteres

330	17.569	17.565	17.588	VV	526	4364	0.09%	0.014%
331	17.606	17.588	17.625	VV	830	9613	0.20%	0.030%
332	17.640	17.625	17.658	VV	495	5165	0.11%	0.016%
333	17.686	17.658	17.695	PV	1488	20594	0.42%	0.064%
334	17.707	17.695	17.711	VV	1506	12353	0.25%	0.038%
335	17.754	17.711	17.780	VV	4612	103479	2.11%	0.322%
336	17.814	17.780	17.830	VV	2010	34373	0.70%	0.107%
337	17.856	17.830	17.875	VV	2746	48896	1.00%	0.152%
338	17.895	17.875	17.907	VV	2428	34240	0.70%	0.106%
339	17.920	17.907	17.950	VV	2446	45507	0.93%	0.142%
340	17.970	17.950	18.007	VV	1574	32654	0.66%	0.102%
341	18.038	18.007	18.058	VV	6628	92310	1.88%	0.287%
342	18.064	18.058	18.082	VV	2014	20421	0.42%	0.064%
343	18.126	18.082	18.150	VV	23282	405200	8.25%	1.260%
344	18.172	18.150	18.200	VV	10529	174155	3.55%	0.542%
345	18.213	18.200	18.234	VV	2472	32139	0.65%	0.100%
346	18.261	18.234	18.275	VV	5323	77050	1.57%	0.240%
347	18.291	18.275	18.352	VV	7248	119088	2.42%	0.370%
348	18.379	18.352	18.409	PV	19560	240832	4.90%	0.749%
349	18.424	18.409	18.432	VV	372	2939	0.06%	0.009%
350	18.465	18.432	18.481	PV	996	11131	0.23%	0.035%

Sum of corrected areas: 32150275

Aromatic EPH 081125.M Wed Aug 13 00:54:37 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069635.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 11:48
Operator : YP/AJ
Sample : PB169209BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169209BL

Integration File: autoint1.e
Quant Time: Aug 13 01:15:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.103	4679875	42.925 ug/ml
Spiked Amount 50.000		Recovery = 85.85%	
Target Compounds			

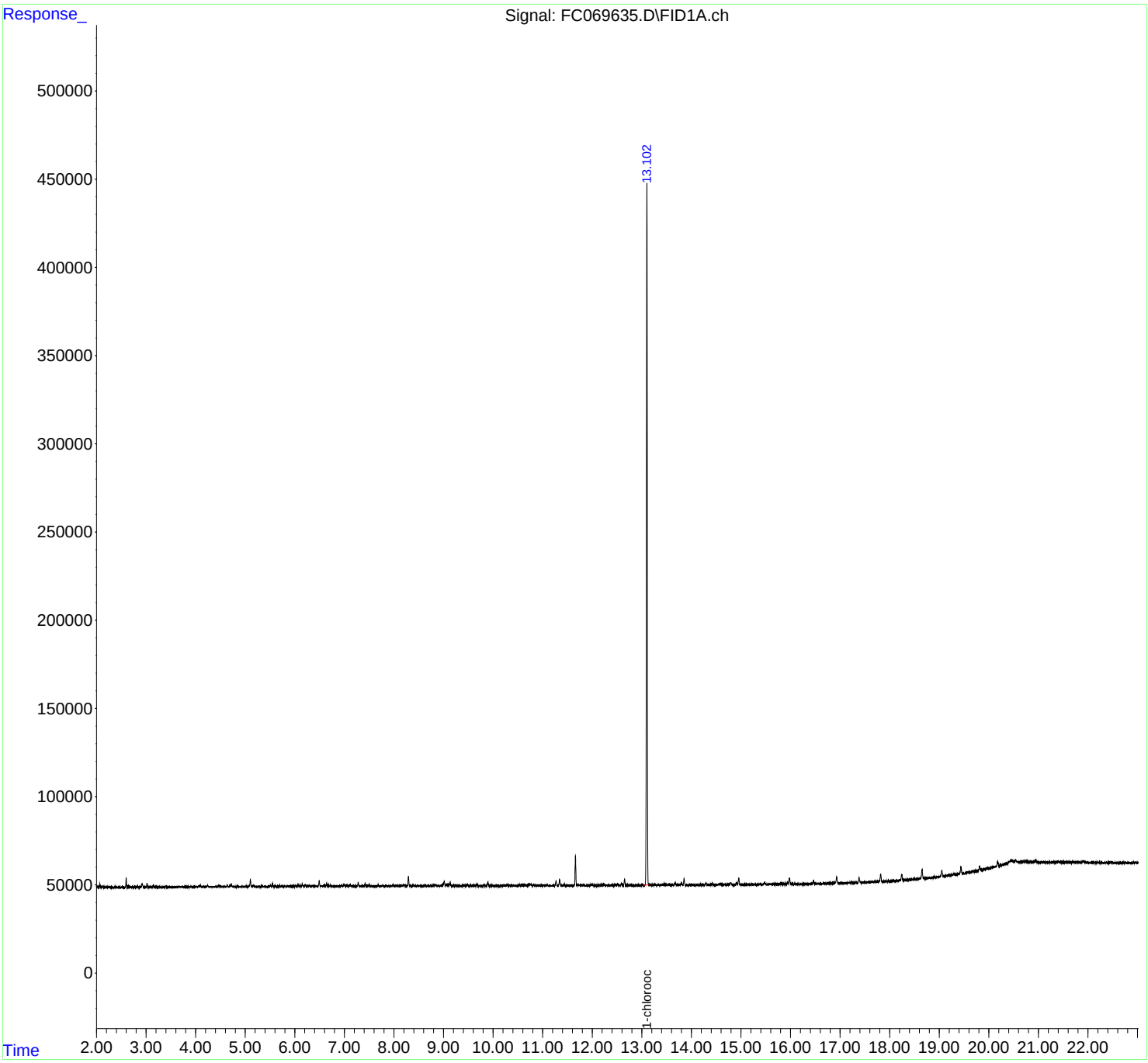
(f)=RT Delta > 1/2 Window (m)=manual int.

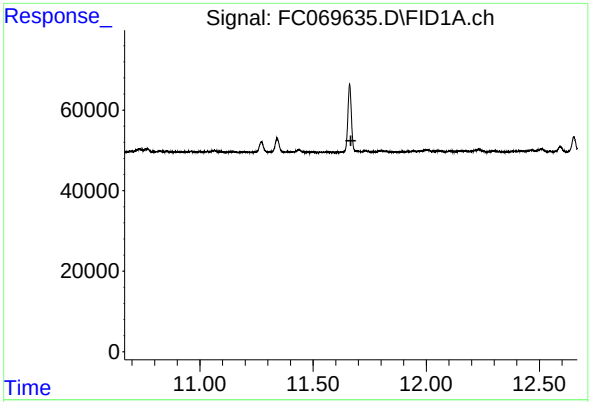
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069635.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 11:48
Operator : YP/AJ
Sample : PB169209BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169209BL

Integration File: autoint1.e
Quant Time: Aug 13 01:15:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

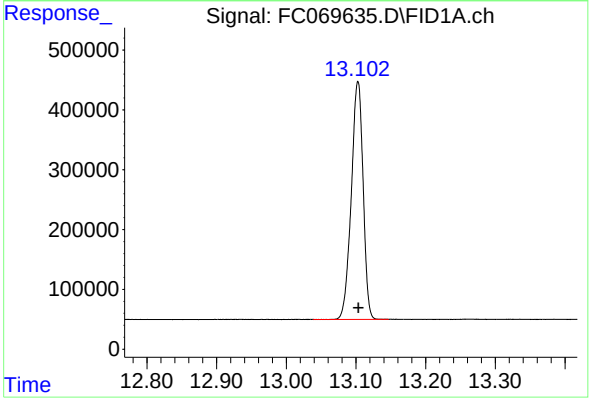




#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.667 min
Response: 0
Conc: N.D.

Instrument :
FID_C
ClientSampleId :
PB169209BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 4679875
Conc: 42.93 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069635.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 11:48
Sample : PB169209BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	13.103	13.039	13.147	BB	397802	4679875	100.00%	100.000%
			Sum of corrected areas:			4679875		

Aliphatic EPH 080125.M Wed Aug 13 03:31:18 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049616.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 11:48
Operator : YP/AJ
Sample : PB169209BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169209BL

Integration File: autoint1.e
Quant Time: Aug 13 00:28:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.715	4171725	40.705 ug/ml
Spiked Amount 50.000		Recovery =	81.41%
6) S 2-Flurobiphenyl (SURR)	8.580	3003131	41.113 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery =	82.23%
11) S ortho-Terphenyl (SURR)	11.628	5836993	44.971 ug/ml
Spiked Amount 50.000		Recovery =	89.94%
Target Compounds			

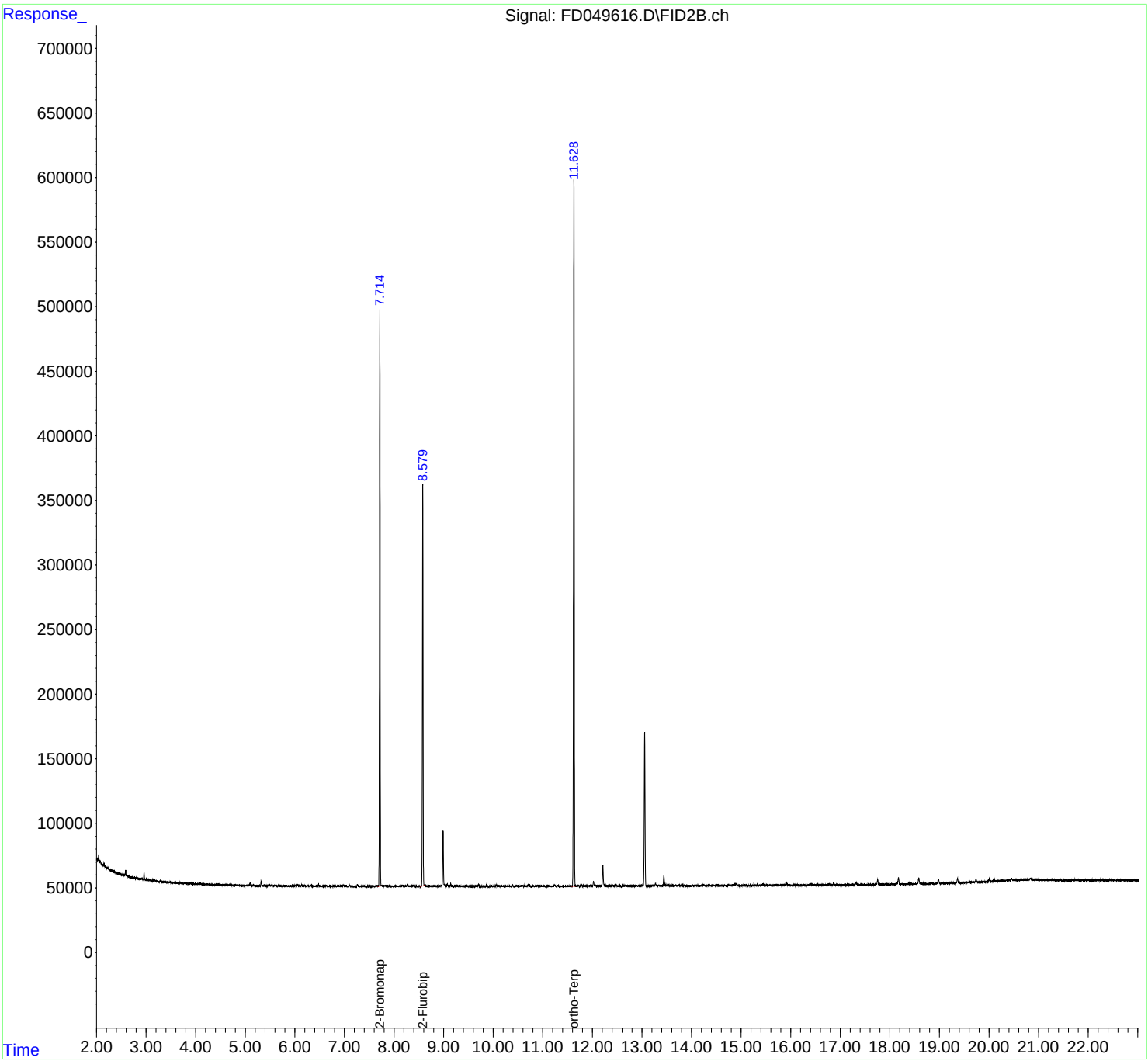
(f)=RT Delta > 1/2 Window (m)=manual int.

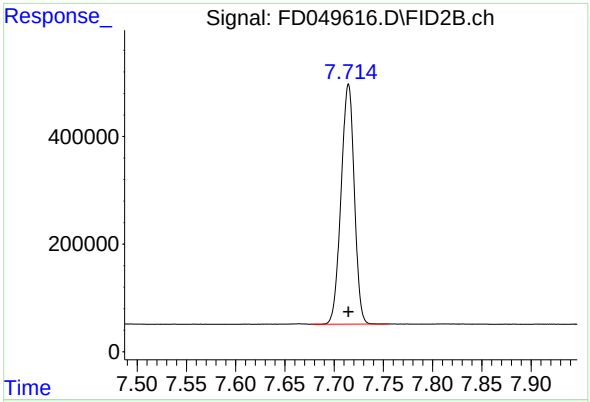
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049616.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 11:48
Operator : YP/AJ
Sample : PB169209BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169209BL

Integration File: autoint1.e
Quant Time: Aug 13 00:28:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

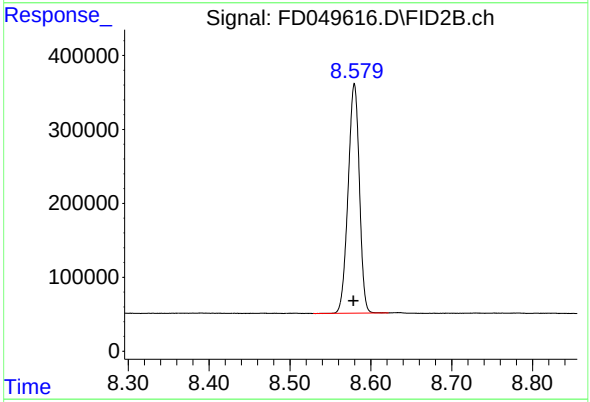




#4 2-Bromonaphthalene (SURR)

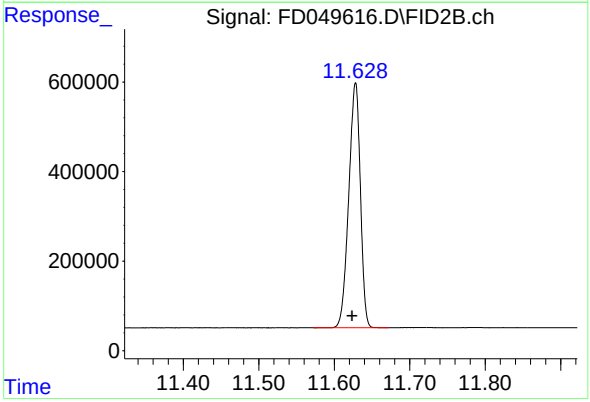
R.T.: 7.715 min
Delta R.T.: 0.000 min
Response: 4171725
Conc: 40.70 ug/ml

Instrument :
FID_D
ClientSampleId :
PB169209BL



#6 2-Flurobiphenyl (SURR)

R.T.: 8.580 min
Delta R.T.: 0.001 min
Response: 3003131
Conc: 41.11 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: 0.005 min
Response: 5836993
Conc: 44.97 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049616.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 11:48
Sample : PB169209BL
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	7.715	7.679	7.755	BB	447130	4171725	71.47%	32.061%
2	8.580	8.529	8.622	BB	310447	3003131	51.45%	23.080%
3	11.628	11.572	11.672	BB	548133	5836993	100.00%	44.859%
			Sum of corrected areas:			13011850		

Aromatic EPH 081125.M Wed Aug 13 00:49:55 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069636.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 12:34
Operator : YP/AJ
Sample : PB169209BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169209BS

Integration File: autoint1.e
Quant Time: Aug 13 01:15:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
12) S	1-chlorooctadecane (S...	13.103	4990692	45.776 ug/ml
Spiked Amount	50.000		Recovery =	91.55%
	Target Compounds			
1) T	n-Nonane (C9)	3.396	3273808	22.979 ug/ml
2) T	n-Decane (C10)	4.470	4368409	30.048 ug/ml
4) T	n-Dodecane (C12)	6.496	5287303	36.169 ug/ml
6) T	n-Tetradecane (C14)	8.296	5806783	40.689 ug/ml
7) T	n-Hexadecane (C16)	9.900	6008758	41.681 ug/ml
8) T	n-Octadecane (C18)	11.345	6064340	42.884 ug/ml
10) T	n-Eicosane (C20)	12.657	6419465	48.733 ug/ml
11) T	n-Heneicosane (C21)	13.270	6106100	47.875 ug/ml
13) T	n-Docosane (C22)	13.857	6025633	48.236 ug/ml
14) T	n-Tetracosane (C24)	14.963	5817929	48.213 ug/ml
15) T	n-Hexacosane (C26)	15.984	5560715	48.124 ug/ml
16) T	n-Octacosane (C28)	16.936	5397795	48.156 ug/ml
17) T	n-Tricontane (C30)	17.825	5426363	47.393 ug/ml
18) T	n-Dotriacontane (C32)	18.658	5345998	48.127 ug/ml
19) T	n-Tetratriacontane (C34)	19.443	5162355	50.699 ug/ml
20) T	n-Hexatriacontane (C36)	20.186	4861513	54.523 ug/ml
21) T	n-Octatriacontane (C38)	20.952	4697052	58.390 ug/ml
22) T	n-Tetracontane (C40)	21.914	4538390	60.607 ug/ml

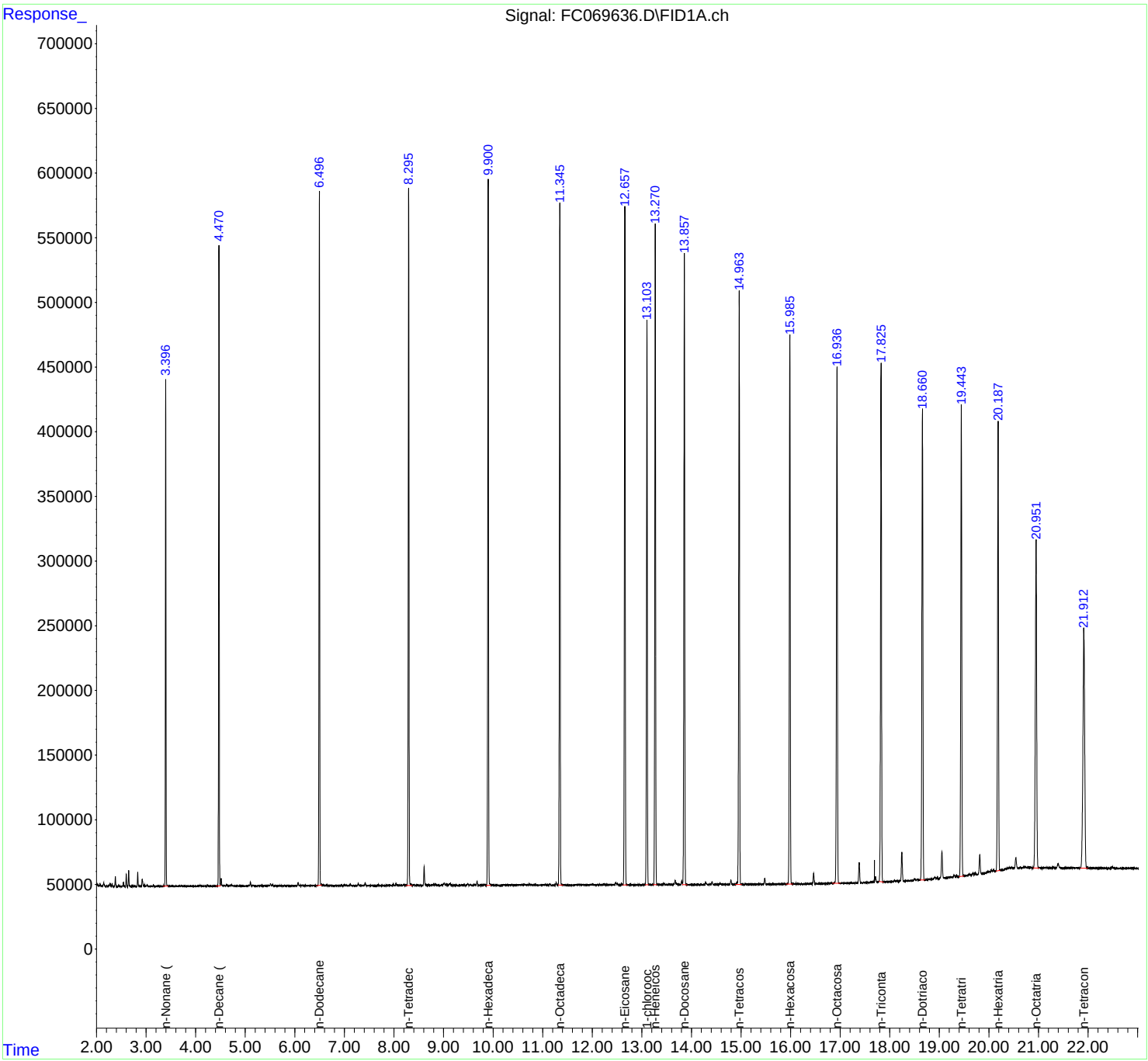
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069636.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 12:34
Operator : YP/AJ
Sample : PB169209BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169209BS

Integration File: autoint1.e
Quant Time: Aug 13 01:15:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069636.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 12:34
Sample : PB169209BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.396	3.345	3.449	BB	392563	3273808	51.00%	3.236%
2	4.470	4.414	4.497	BV	495863	4368409	68.05%	4.318%
3	6.496	6.434	6.550	BB	535841	5287303	82.36%	5.227%
4	8.296	8.244	8.369	BB	538725	5806783	90.46%	5.740%
5	9.900	9.859	9.957	BB	545420	6008758	93.60%	5.940%
6	11.345	11.310	11.410	BB	526441	6064340	94.47%	5.995%
7	12.657	12.615	12.710	VB	525032	6419465	100.00%	6.346%
8	13.103	13.062	13.137	BB	436297	4990692	77.74%	4.933%
9	13.270	13.227	13.305	BB	511183	6106100	95.12%	6.036%
10	13.857	13.821	13.914	VB	486949	6025633	93.87%	5.957%
11	14.963	14.882	15.017	BB	459724	5817929	90.63%	5.751%
12	15.984	15.909	16.047	BB	422493	5560715	86.62%	5.497%
13	16.936	16.842	17.000	BB	400437	5397795	84.08%	5.336%
14	17.825	17.780	17.874	BB	401366	5426363	84.53%	5.364%
15	18.658	18.610	18.714	BB	360322	5345998	83.28%	5.285%
16	19.443	19.400	19.504	BB	364554	5162355	80.42%	5.103%
17	20.186	20.140	20.225	BV	344747	4861513	75.73%	4.806%
18	20.952	20.890	21.019	BB	254177	4697052	73.17%	4.643%
19	21.914	21.840	22.000	BB	184251	4538390	70.70%	4.486%

Sum of corrected areas: 101159399

Aliphatic EPH 080125.M Wed Aug 13 03:32:21 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049617.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 12:34
Operator : YP/AJ
Sample : PB169209BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169209BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 00:28:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4) S	2-Bromonaphthalene (S...	7.716	6106769	59.586 ug/ml
Spiked Amount	50.000		Recovery =	119.17%
6) S	2-Flurobiphenyl (SURR)	8.582	4259317	58.310 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	116.62%
11) S	ortho-Terphenyl (SURR)	11.629	6244860	48.113 ug/ml
Spiked Amount	50.000		Recovery =	96.23%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.507	3765450	37.201 ug/ml
2) T	Naphthalene (C11.7)	6.051	4807863	41.932 ug/ml
3) T	2-Methylnaphthalene (...	7.105	4863886	40.773 ug/ml
5) T	Acenaphthylene (C15.06)	8.385	5876953	46.749 ug/ml
7) T	Acenaphthene (C15.5)	8.682	5972322	47.499 ug/ml
8) T	Flouorene (C16.55)	9.464	6381063	50.400 ug/ml
9) T	Phenanthrene (C19.36)	10.863	6504134	50.350 ug/ml
10) T	Anthracene (C19.43)	10.938	5634301	45.735 ug/ml
12) T	Fluoranthene (C21.85)	12.678	6597092	51.533 ug/ml
13) T	Pyrene (C20.8)	12.976	6458871	50.871 ug/ml
14) T	Benzo[a]anthracene (C...	14.849	6109228	52.942 ug/ml
15) T	Chrysene (C27.41)	14.893	6654389	56.835 ug/ml
16) T	benzo[b]fluoranthene ...	16.400	5988801	52.656 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.436	5830935	54.471 ug/mlm
18) T	Benzo[a]pyrene (C31.34)	16.780	5545905	49.992 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.147	5700600	55.304 ug/ml
20) T	Dibenz[a,h]anthracene...	18.185	5348233	49.067 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.404	5157050	47.193 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

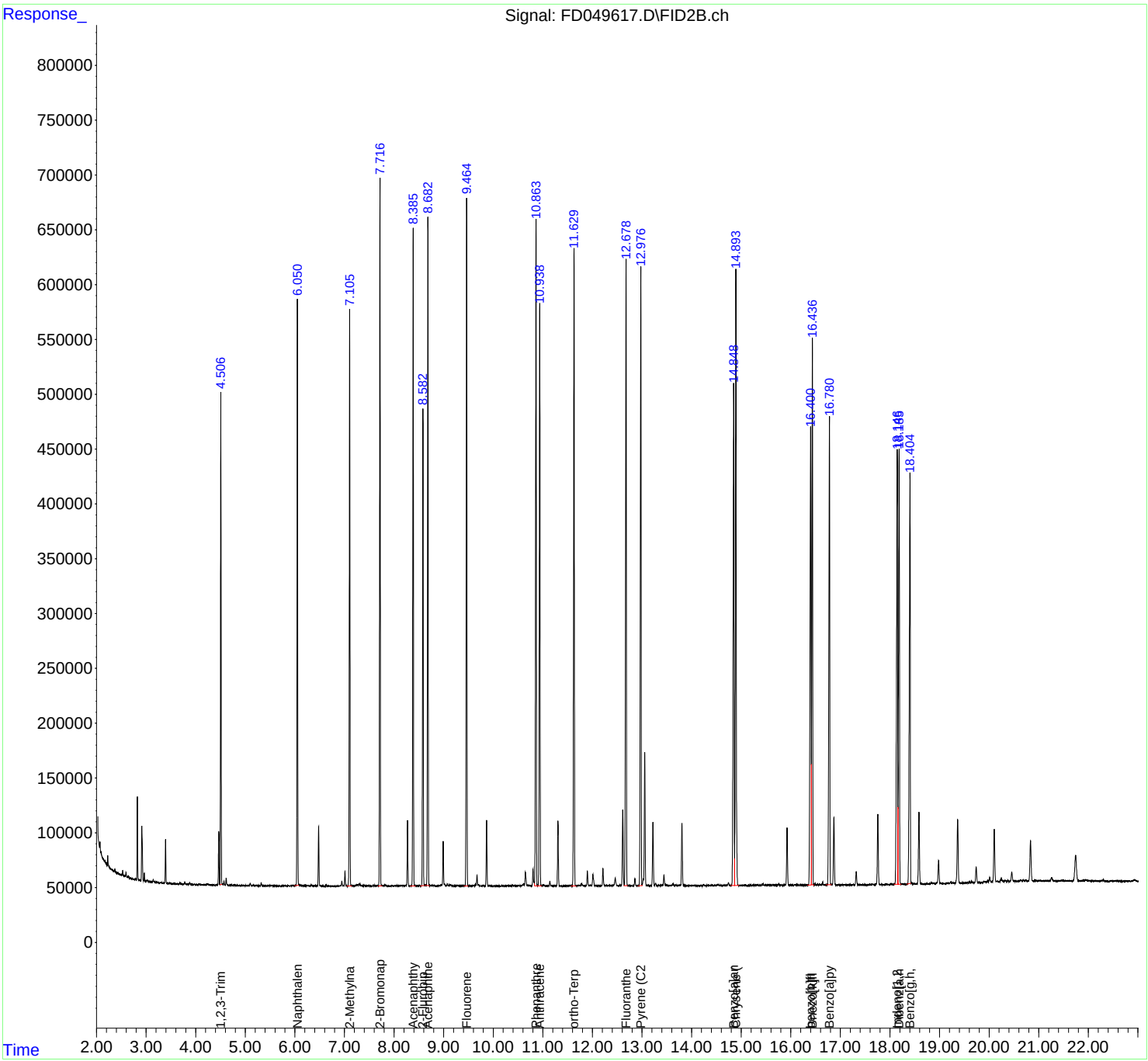
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049617.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 12:34
Operator : YP/AJ
Sample : PB169209BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Aug 13 00:28:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Instrument :
FID_D
ClientSampleId :
PB169209BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025



Instrument :
FID_D
ClientSampleId :
PB169209BS

rteres

Area Percent

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Da
Data File : FD049617.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 12:34
Sample : PB169209BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.507	4.484	4.532	PV	448954	3765450	56.59%	3.143%
2	6.051	5.994	6.083	BB	532678	4807863	72.25%	4.013%
3	7.105	7.050	7.150	BB	526223	4863886	73.09%	4.060%
4	7.716	7.680	7.765	BB	646787	6106769	91.77%	5.097%
5	8.385	8.334	8.435	BB	599994	5876953	88.32%	4.905%
6	8.582	8.529	8.609	BB	434582	4259317	64.01%	3.555%
7	8.682	8.623	8.710	BB	610995	5972322	89.75%	4.985%
8	9.464	9.405	9.498	BB	628506	6381063	95.89%	5.326%
9	10.863	10.832	10.902	VV	607893	6504134	97.74%	5.429%
10	10.938	10.902	10.984	PB	532822	5634301	84.67%	4.703%
11	11.629	11.565	11.677	BB	579704	6244860	93.85%	5.212%
12	12.678	12.641	12.710	VB	572278	6597092	99.14%	5.506%
13	12.976	12.919	13.001	BV	563294	6458871	97.06%	5.391%
14	14.849	14.785	14.867	BV	457212	6109228	91.81%	5.099%
15	14.893	14.867	14.957	VB	561426	6654389	100.00%	5.554%
16	16.400	16.334	16.415	BV	418142	5988801	90.00%	4.999%
17	16.436	16.415	16.465	VV	500870	5833234	87.66%	4.869%
18	16.780	16.707	16.825	BB	427417	5545905	83.34%	4.629%
19	18.147	18.084	18.161	BV	396269	5700600	85.67%	4.758%
20	18.185	18.161	18.232	VB	396631	5348233	80.37%	4.464%
21	18.404	18.335	18.427	BV	373703	5157050	77.50%	4.304%

Sum of corrected areas: 119810321

Aromatic EPH 081125.M Wed Aug 13 00:51:17 2025

Page 1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069637.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 13:21
Operator : YP/AJ
Sample : PB169209BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169209BSD

Integration File: autoint1.e
Quant Time: Aug 13 01:16:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
12) S	1-chlorooctadecane (S...	13.103	4948752	45.392 ug/ml
Spiked Amount	50.000		Recovery =	90.78%
	Target Compounds			
1) T	n-Nonane (C9)	3.393	3268470	22.941 ug/ml
2) T	n-Decane (C10)	4.468	4364359	30.020 ug/ml
4) T	n-Dodecane (C12)	6.495	5280537	36.122 ug/ml
6) T	n-Tetradecane (C14)	8.295	5779732	40.500 ug/ml
7) T	n-Hexadecane (C16)	9.900	5962915	41.363 ug/ml
8) T	n-Octadecane (C18)	11.345	6011267	42.509 ug/ml
10) T	n-Eicosane (C20)	12.657	6358885	48.273 ug/ml
11) T	n-Heneicosane (C21)	13.270	6049895	47.434 ug/ml
13) T	n-Docosane (C22)	13.857	5968585	47.779 ug/ml
14) T	n-Tetracosane (C24)	14.963	5767749	47.797 ug/ml
15) T	n-Hexacosane (C26)	15.985	5520907	47.779 ug/ml
16) T	n-Octacosane (C28)	16.937	5365368	47.867 ug/ml
17) T	n-Tricontane (C30)	17.826	5416508	47.307 ug/ml
18) T	n-Dotriacontane (C32)	18.658	5351918	48.180 ug/ml
19) T	n-Tetratriacontane (C34)	19.444	5166039	50.735 ug/ml
20) T	n-Hexatriacontane (C36)	20.185	4857632	54.479 ug/ml
21) T	n-Octatriacontane (C38)	20.950	4683338	58.220 ug/ml
22) T	n-Tetracontane (C40)	21.915	4528869	60.480 ug/ml

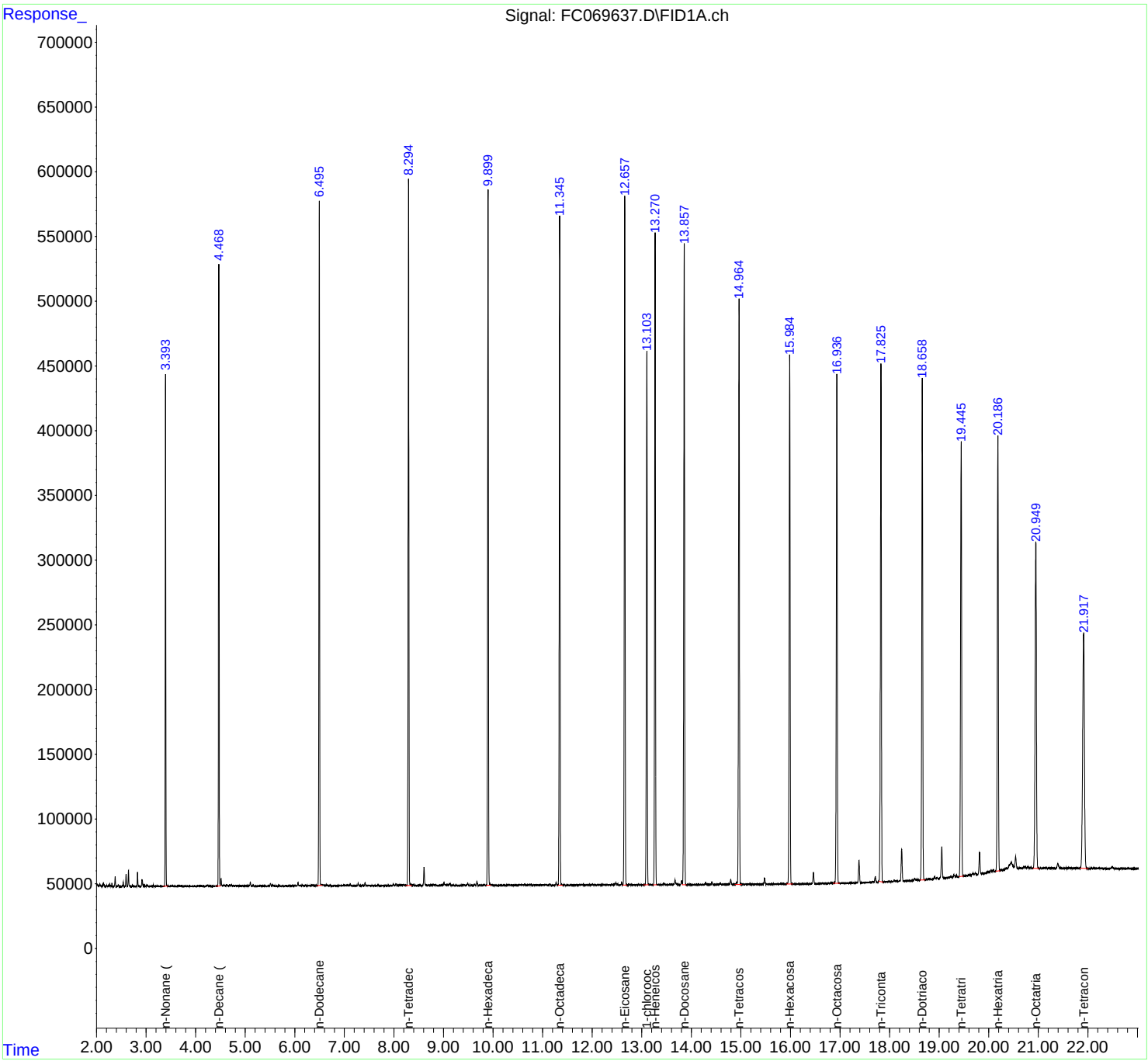
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069637.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 13:21
Operator : YP/AJ
Sample : PB169209BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB169209BSD

Integration File: autoint1.e
Quant Time: Aug 13 01:16:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069637.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 13:21
Sample : PB169209BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.393	3.342	3.442	BB	396229	3268470	51.40%	3.247%
2	4.468	4.410	4.497	BV	481120	4364359	68.63%	4.336%
3	6.495	6.445	6.557	BB	528734	5280537	83.04%	5.246%
4	8.295	8.242	8.365	BB	545922	5779732	90.89%	5.742%
5	9.900	9.860	9.959	BB	535645	5962915	93.77%	5.924%
6	11.345	11.310	11.402	BB	518321	6011267	94.53%	5.972%
7	12.657	12.615	12.707	PB	533066	6358885	100.00%	6.318%
8	13.103	13.032	13.139	BB	412868	4948752	77.82%	4.917%
9	13.270	13.227	13.304	BB	504345	6049895	95.14%	6.011%
10	13.857	13.822	13.902	VB	494714	5968585	93.86%	5.930%
11	14.963	14.882	15.014	BB	448083	5767749	90.70%	5.730%
12	15.985	15.914	16.044	BB	409732	5520907	86.82%	5.485%
13	16.937	16.855	16.995	BB	392790	5365368	84.38%	5.331%
14	17.826	17.780	17.870	BB	400484	5416508	85.18%	5.381%
15	18.658	18.610	18.722	BB	388011	5351918	84.16%	5.317%
16	19.444	19.400	19.497	BB	332625	5166039	81.24%	5.133%
17	20.185	20.140	20.225	BV	335754	4857632	76.39%	4.826%
18	20.950	20.890	21.025	BB	252519	4683338	73.65%	4.653%
19	21.915	21.840	22.012	BB	180111	4528869	71.22%	4.500%

Sum of corrected areas: 100651724

Aliphatic EPH 080125.M Wed Aug 13 03:33:28 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049618.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 13:21
Operator : YP/AJ
Sample : PB169209BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169209BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 00:29:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.716	6002853	58.572 ug/ml
Spiked Amount 50.000		Recovery = 117.14%	
6) S 2-Flurobiphenyl (SURR)	8.582	4201948	57.525 ug/ml
Spiked Amount 50.000	Range 0 - 131	Recovery = 115.05%	
11) S ortho-Terphenyl (SURR)	11.628	6166738	47.511 ug/ml
Spiked Amount 50.000		Recovery = 95.02%	
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	3734822	36.898 ug/ml
2) T Naphthalene (C11.7)	6.050	4742606	41.363 ug/ml
3) T 2-Methylnaphthalene (...	7.105	4778473	40.057 ug/ml
5) T Acenaphthylene (C15.06)	8.385	5792223	46.075 ug/ml
7) T Acenaphthene (C15.5)	8.682	5875929	46.732 ug/ml
8) T Flouorene (C16.55)	9.464	6288391	49.668 ug/ml
9) T Phenanthrene (C19.36)	10.863	6446399	49.903 ug/ml
10) T Anthracene (C19.43)	10.938	5595750	45.423 ug/ml
12) T Fluoranthene (C21.85)	12.679	6585128	51.440 ug/ml
13) T Pyrene (C20.8)	12.977	6458445	50.868 ug/ml
14) T Benzo[a]anthracene (C...	14.849	6181244	53.566 ug/ml
15) T Chrysene (C27.41)	14.894	6717274	57.372 ug/ml
16) T benzo[b]fluoranthene ...	16.401	6073723	53.403 ug/ml
17) T Bnezo[k]fluoranthene ...	16.437	5904550	55.158 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.781	5652217	50.950 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	5839311	56.649 ug/ml
20) T Dibenz[a,h]anthracene...	18.186	5503488	50.492 ug/ml
21) T Benzo[g,h,i]perylene ...	18.404	5265641	48.187 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

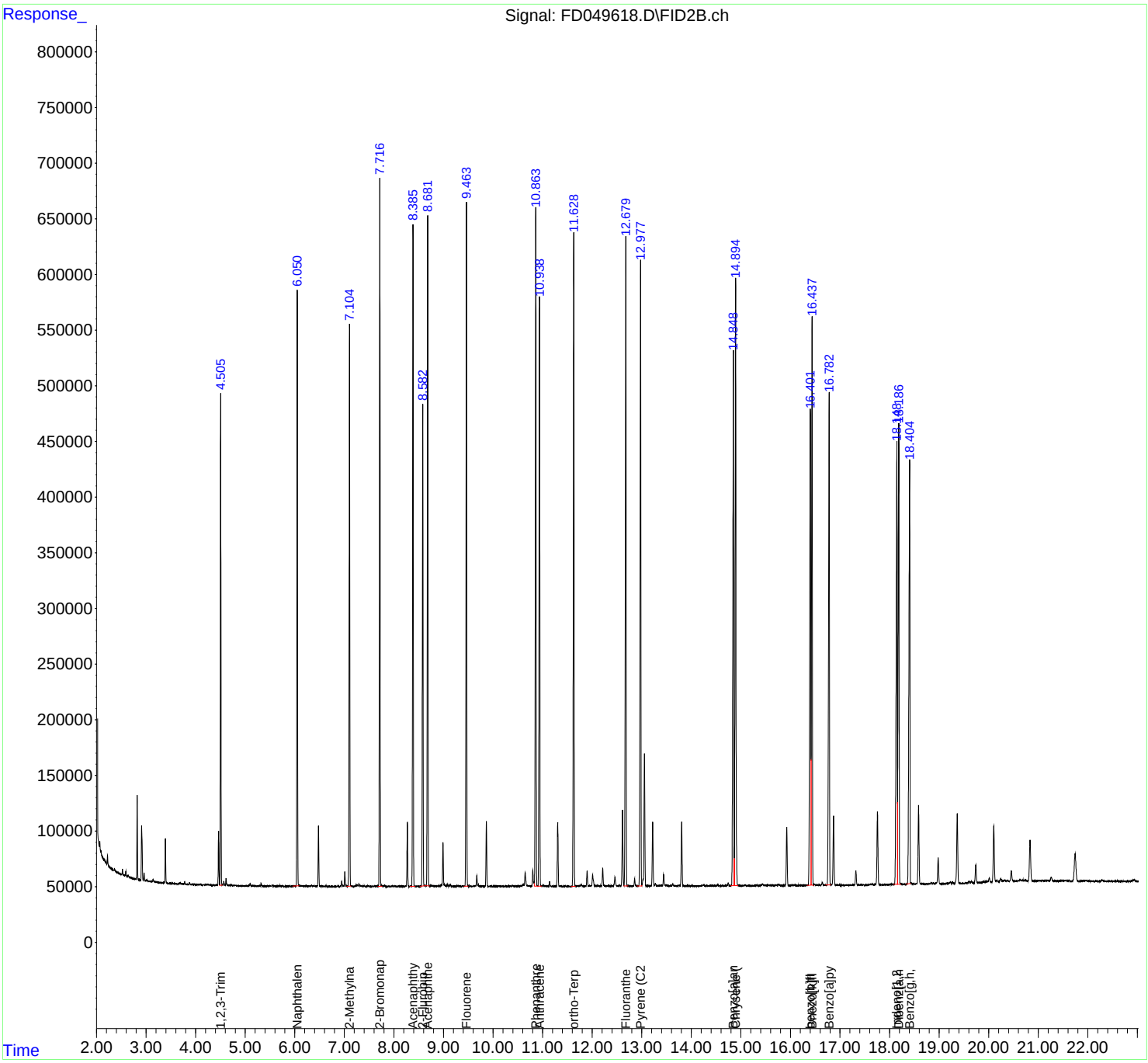
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049618.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 13:21
Operator : YP/AJ
Sample : PB169209BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB169209BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 00:29:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



Instrument :
FID_D
ClientSampleId :
PB169209BSD

rteres

Area Percent

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Da
Data File : FD049618.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 13:21
Sample : PB169209BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.505	4.483	4.549	VV	441765	3734822	55.60%	3.116%
2	6.050	5.957	6.084	BV	535185	4742606	70.60%	3.957%
3	7.105	7.049	7.139	BB	505183	4778473	71.14%	3.987%
4	7.716	7.677	7.764	BB	639144	6002853	89.36%	5.009%
5	8.385	8.322	8.434	BB	594186	5792223	86.23%	4.833%
6	8.582	8.525	8.617	BB	432118	4201948	62.55%	3.506%
7	8.682	8.624	8.724	BB	602445	5875929	87.47%	4.903%
8	9.464	9.409	9.502	BB	613971	6288391	93.62%	5.247%
9	10.863	10.831	10.902	VV	613167	6446399	95.97%	5.379%
10	10.938	10.902	10.985	VB	532883	5595750	83.30%	4.669%
11	11.628	11.569	11.667	BB	587730	6166738	91.80%	5.145%
12	12.679	12.641	12.725	VV	579825	6585128	98.03%	5.494%
13	12.977	12.907	13.002	BV	562276	6458445	96.15%	5.389%
14	14.849	14.789	14.868	BV	480294	6181244	92.02%	5.157%
15	14.894	14.868	14.947	VB	543221	6717274	100.00%	5.605%
16	16.401	16.334	16.416	BV	427545	6073723	90.42%	5.068%
17	16.437	16.416	16.472	VV	510897	5949519	88.57%	4.964%
18	16.781	16.707	16.817	BB	444085	5652217	84.14%	4.716%
19	18.148	18.074	18.162	BV	398290	5839311	86.93%	4.872%
20	18.186	18.162	18.235	VB	416168	5503488	81.93%	4.592%
21	18.404	18.329	18.428	BV	381594	5265641	78.39%	4.393%

Sum of corrected areas: 119852123

Aromatic EPH 081125.M Wed Aug 13 00:52:58 2025

Page 1

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069640.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 15:46
Operator : YP/AJ
Sample : Q2743-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC1MS

Integration File: autoint1.e
Quant Time: Aug 13 01:17:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
12) S	1-chlorooctadecane (S...	13.101	3412448	31.300 ug/ml
Spiked Amount	50.000		Recovery =	62.60%
	Target Compounds			
1) T	n-Nonane (C9)	3.396	2726633	19.138 ug/ml
2) T	n-Decane (C10)	4.469	3229967	22.217 ug/ml
4) T	n-Dodecane (C12)	6.495	3600634	24.631 ug/ml
6) T	n-Tetradecane (C14)	8.294	3751809	26.290 ug/ml
7) T	n-Hexadecane (C16)	9.899	3929382	27.257 ug/ml
8) T	n-Octadecane (C18)	11.344	3890945	27.515 ug/ml
10) T	n-Eicosane (C20)	12.655	3844452	29.185 ug/ml
11) T	n-Heneicosane (C21)	13.268	3648248	28.604 ug/ml
13) T	n-Docosane (C22)	13.855	3561222	28.508 ug/ml
14) T	n-Tetracosane (C24)	14.959	3434769	28.464 ug/ml
15) T	n-Hexacosane (C26)	15.982	3265237	28.258 ug/ml
16) T	n-Octacosane (C28)	16.933	3122669	27.859 ug/ml
17) T	n-Tricontane (C30)	17.822	3059533	26.722 ug/ml
18) T	n-Dotriacontane (C32)	18.655	3011182	27.108 ug/ml
19) T	n-Tetratriacontane (C34)	19.442	2958704	29.057 ug/ml
20) T	n-Hexatriacontane (C36)	20.183	2837147	31.819 ug/ml
21) T	n-Octatriacontane (C38)	20.947	2782251	34.587 ug/ml
22) T	n-Tetracontane (C40)	21.911	2639263	35.246 ug/ml

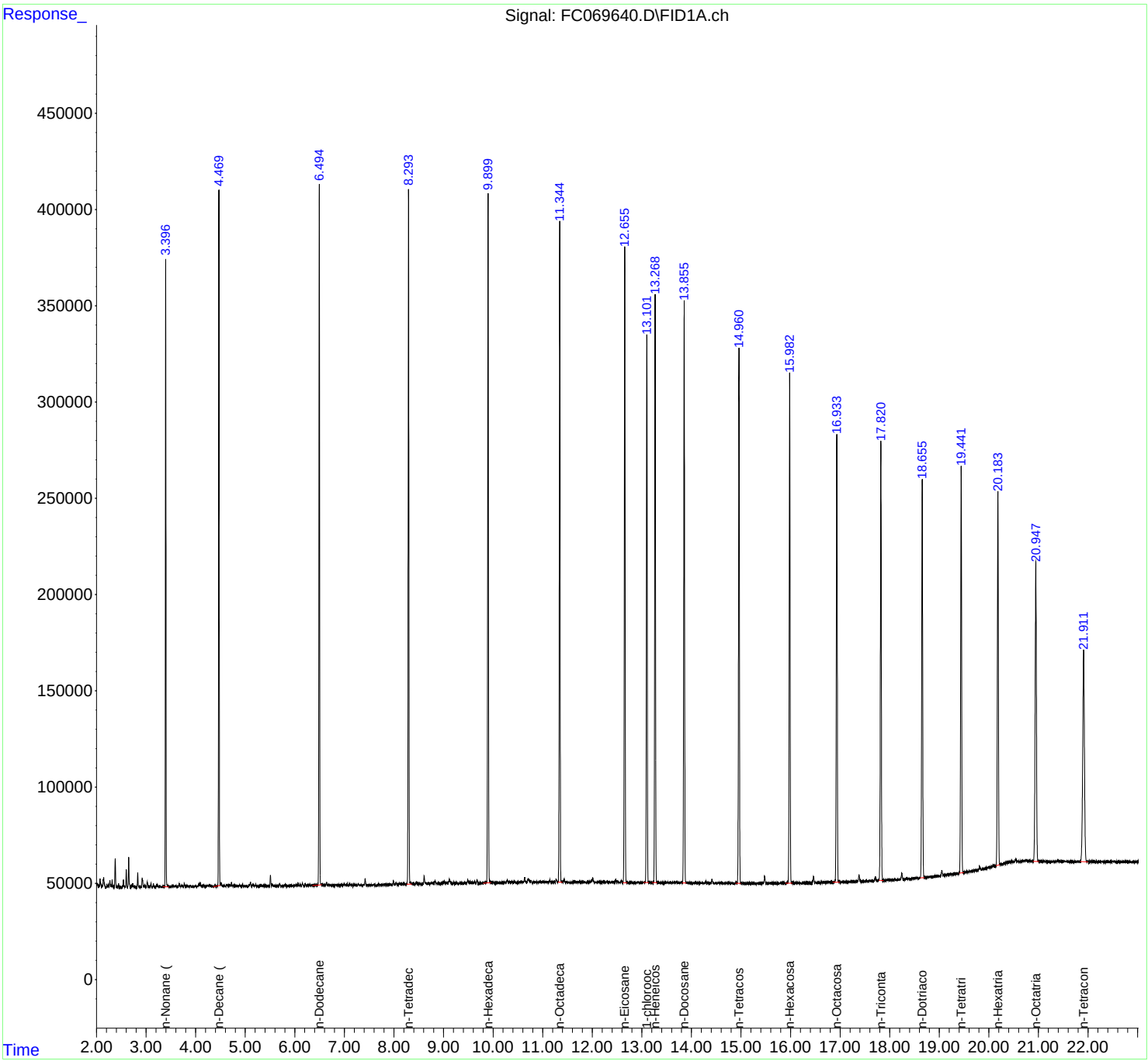
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069640.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 15:46
Operator : YP/AJ
Sample : Q2743-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC1MS

Integration File: autoint1.e
Quant Time: Aug 13 01:17:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069640.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 15:46
Sample : Q2743-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.219	3.205	3.234	PH	766	7912	0.20%	0.011%
2	3.244	3.234	3.261	PV	481	3381	0.08%	0.005%
3	3.290	3.261	3.315	PV	379	6094	0.15%	0.008%
4	3.344	3.315	3.359	PV	478	5597	0.14%	0.008%
5	3.396	3.359	3.477	VV	324143	2738715	68.41%	3.774%
6	3.498	3.477	3.511	VV	342	4981	0.12%	0.007%
7	3.523	3.511	3.537	VV	664	7240	0.18%	0.010%
8	3.548	3.537	3.563	VV	528	6130	0.15%	0.008%
9	3.592	3.563	3.627	VV	683	15000	0.37%	0.021%
10	3.671	3.627	3.695	VV	1608	26339	0.66%	0.036%
11	3.715	3.695	3.746	VV	838	15367	0.38%	0.021%
12	3.770	3.746	3.795	VV	1469	19156	0.48%	0.026%
13	3.807	3.795	3.858	VV	576	16055	0.40%	0.022%
14	3.867	3.858	3.881	VV	507	4603	0.11%	0.006%
15	3.894	3.881	3.927	VV	933	12590	0.31%	0.017%
16	3.943	3.927	3.959	VV	589	5447	0.14%	0.008%
17	3.984	3.959	4.034	VV	505	16148	0.40%	0.022%
18	4.067	4.034	4.081	VV	1961	26853	0.67%	0.037%
19	4.095	4.081	4.120	VV	2126	23183	0.58%	0.032%
20	4.131	4.120	4.143	VV	464	5530	0.14%	0.008%
21	4.163	4.143	4.200	VV	1356	16696	0.42%	0.023%
22	4.241	4.200	4.261	VV	835	16611	0.41%	0.023%
23	4.277	4.261	4.301	VV	796	11591	0.29%	0.016%
24	4.312	4.301	4.323	VV	385	3965	0.10%	0.005%
25	4.338	4.323	4.359	VV	388	5360	0.13%	0.007%

rteres

26	4.385	4.359	4.409	VV	552	10100	0.25%	0.014%
27	4.425	4.409	4.439	VV	522	6514	0.16%	0.009%
28	4.469	4.439	4.499	VV	358829	3249330	81.17%	4.478%
29	4.514	4.499	4.555	VV	2140	31178	0.78%	0.043%
30	4.575	4.555	4.600	VV	671	12816	0.32%	0.018%
31	4.637	4.600	4.658	VV	1043	21596	0.54%	0.030%
32	4.670	4.658	4.680	VV	757	8001	0.20%	0.011%
33	4.693	4.680	4.707	VV	1125	12503	0.31%	0.017%
34	4.723	4.707	4.741	VV	2277	23036	0.58%	0.032%
35	4.756	4.741	4.768	VV	843	9728	0.24%	0.013%
36	4.776	4.768	4.790	VV	634	6957	0.17%	0.010%
37	4.803	4.790	4.825	VV	571	9161	0.23%	0.013%
38	4.847	4.825	4.864	VV	738	10721	0.27%	0.015%
39	4.886	4.864	4.928	VV	890	16779	0.42%	0.023%
40	4.947	4.928	4.968	VV	1127	13078	0.33%	0.018%
41	4.996	4.968	5.008	VV	378	6617	0.17%	0.009%
42	5.023	5.008	5.051	VV	450	7808	0.20%	0.011%
43	5.078	5.051	5.088	VV	1030	10629	0.27%	0.015%
44	5.105	5.088	5.132	VV	2359	29662	0.74%	0.041%
45	5.151	5.132	5.181	VV	906	16553	0.41%	0.023%
46	5.211	5.181	5.255	VV	881	17589	0.44%	0.024%
47	5.277	5.255	5.291	VV	202	3066	0.08%	0.004%
48	5.311	5.291	5.320	VV	429	4834	0.12%	0.007%
49	5.330	5.320	5.358	VV	470	7257	0.18%	0.010%
50	5.376	5.358	5.388	VV	403	5874	0.15%	0.008%
51	5.404	5.388	5.429	VV	674	10202	0.25%	0.014%
52	5.435	5.429	5.455	VV	315	4299	0.11%	0.006%
53	5.464	5.455	5.485	VV	352	4368	0.11%	0.006%
54	5.508	5.485	5.527	VV	5851	58913	1.47%	0.081%
55	5.545	5.527	5.566	VV	1250	18167	0.45%	0.025%
56	5.576	5.566	5.592	VV	350	4009	0.10%	0.006%
57	5.602	5.592	5.619	VV	265	2816	0.07%	0.004%
58	5.647	5.619	5.657	VV	246	3445	0.09%	0.005%
59	5.697	5.657	5.736	VV	1339	21775	0.54%	0.030%
60	5.756	5.736	5.774	VV	395	5991	0.15%	0.008%
61	5.796	5.774	5.834	VV	770	15876	0.40%	0.022%
62	5.856	5.834	5.889	VV	470	9096	0.23%	0.013%
63	5.921	5.889	5.948	VV	409	9280	0.23%	0.013%
64	5.965	5.948	5.991	VV	393	6481	0.16%	0.009%
65	6.034	5.991	6.045	VV	628	13140	0.33%	0.018%
66	6.067	6.045	6.090	VV	1503	21685	0.54%	0.030%
67	6.109	6.090	6.131	VV	1060	13498	0.34%	0.019%
68	6.152	6.131	6.186	VV	1578	25142	0.63%	0.035%
69	6.212	6.186	6.231	VV	1417	18793	0.47%	0.026%

rteres

70	6.252	6.231	6.267	VV	530	9686	0.24%	0.013%
71	6.286	6.267	6.295	VV	662	8570	0.21%	0.012%
72	6.304	6.295	6.321	VV	629	8347	0.21%	0.012%
73	6.337	6.321	6.355	VV	516	8494	0.21%	0.012%
74	6.377	6.355	6.394	VV	623	10176	0.25%	0.014%
75	6.423	6.394	6.442	VV	807	17082	0.43%	0.024%
76	6.494	6.442	6.569	VV	364554	3647422	91.11%	5.026%
77	6.581	6.569	6.622	VV	623	16931	0.42%	0.023%
78	6.642	6.622	6.664	VV	2066	27040	0.68%	0.037%
79	6.684	6.664	6.701	VV	673	12988	0.32%	0.018%
80	6.715	6.701	6.738	VV	639	9472	0.24%	0.013%
81	6.766	6.738	6.797	VV	667	12284	0.31%	0.017%
82	6.822	6.797	6.849	VV	699	13806	0.34%	0.019%
83	6.881	6.849	6.921	VV	477	15911	0.40%	0.022%
84	6.935	6.921	6.949	VV	507	6827	0.17%	0.009%
85	6.958	6.949	6.974	VV	457	6338	0.16%	0.009%
86	6.994	6.974	7.032	VV	1035	24188	0.60%	0.033%
87	7.053	7.032	7.080	VV	899	17398	0.43%	0.024%
88	7.115	7.080	7.138	VV	855	21057	0.53%	0.029%
89	7.155	7.138	7.177	VV	703	10027	0.25%	0.014%
90	7.198	7.177	7.245	VV	985	21471	0.54%	0.030%
91	7.280	7.245	7.320	VV	1378	25980	0.65%	0.036%
92	7.338	7.320	7.362	VV	501	9919	0.25%	0.014%
93	7.385	7.362	7.397	VV	668	10334	0.26%	0.014%
94	7.419	7.397	7.457	VV	3746	48819	1.22%	0.067%
95	7.487	7.457	7.498	VV	463	9780	0.24%	0.013%
96	7.511	7.498	7.528	VV	572	8143	0.20%	0.011%
97	7.542	7.528	7.571	VV	389	9019	0.23%	0.012%
98	7.593	7.571	7.625	VV	662	15104	0.38%	0.021%
99	7.633	7.625	7.652	VV	332	3977	0.10%	0.005%
100	7.682	7.652	7.700	VV	866	13603	0.34%	0.019%
101	7.719	7.700	7.743	VV	563	12601	0.31%	0.017%
102	7.763	7.743	7.786	VV	644	12059	0.30%	0.017%
103	7.808	7.786	7.831	VV	710	13352	0.33%	0.018%
104	7.852	7.831	7.864	VV	698	10990	0.27%	0.015%
105	7.874	7.864	7.887	VV	703	8369	0.21%	0.012%
106	7.899	7.887	7.921	VV	696	11540	0.29%	0.016%
107	7.943	7.921	7.961	VV	729	12955	0.32%	0.018%
108	7.987	7.961	8.016	VV	2413	37730	0.94%	0.052%
109	8.042	8.016	8.091	VV	1929	43708	1.09%	0.060%
110	8.113	8.091	8.133	VV	1260	23206	0.58%	0.032%
111	8.169	8.133	8.183	VV	965	25570	0.64%	0.035%
112	8.199	8.183	8.234	VV	1358	27735	0.69%	0.038%

rteres

113	8.294	8.234	8.368	VV	360261	3813093	95.25%	5.255%
114	8.386	8.368	8.425	VV	1118	32370	0.81%	0.045%
115	8.457	8.425	8.511	VV	1291	52700	1.32%	0.073%
116	8.524	8.511	8.558	VV	1019	23366	0.58%	0.032%
117	8.566	8.558	8.575	VV	777	7320	0.18%	0.010%
118	8.609	8.575	8.638	VV	5052	78141	1.95%	0.108%
119	8.648	8.638	8.684	VV	1306	30283	0.76%	0.042%
120	8.692	8.684	8.715	VV	1068	18062	0.45%	0.025%
121	8.757	8.715	8.771	VV	1402	37007	0.92%	0.051%
122	8.787	8.771	8.806	VV	1286	25583	0.64%	0.035%
123	8.829	8.806	8.871	VV	2407	58038	1.45%	0.080%
124	8.894	8.871	8.934	VV	1249	39800	0.99%	0.055%
125	8.955	8.934	8.964	VV	1099	17676	0.44%	0.024%
126	9.013	8.964	9.036	VV	2066	64366	1.61%	0.089%
127	9.053	9.036	9.088	VV	1616	42518	1.06%	0.059%
128	9.117	9.088	9.168	VV	3212	86689	2.17%	0.119%
129	9.175	9.168	9.183	VV	1027	9216	0.23%	0.013%
130	9.202	9.183	9.231	VV	1441	31863	0.80%	0.044%
131	9.254	9.231	9.292	VV	1217	39505	0.99%	0.054%
132	9.355	9.292	9.366	VV	1369	49206	1.23%	0.068%
133	9.373	9.366	9.387	VV	1210	14235	0.36%	0.020%
134	9.418	9.387	9.451	VV	1532	46865	1.17%	0.065%
135	9.490	9.451	9.524	VV	2503	71935	1.80%	0.099%
136	9.536	9.524	9.552	VV	1616	23578	0.59%	0.032%
137	9.573	9.552	9.598	VV	1378	34033	0.85%	0.047%
138	9.625	9.598	9.647	VV	1824	41995	1.05%	0.058%
139	9.675	9.647	9.707	VV	2907	59669	1.49%	0.082%
140	9.725	9.707	9.776	VV	1138	43161	1.08%	0.059%
141	9.816	9.776	9.845	VV	1579	48956	1.22%	0.067%
142	9.899	9.845	9.955	VV	354805	4003225	100.00%	5.517%
143	9.965	9.955	10.054	VV	1457	77646	1.94%	0.107%
144	10.070	10.054	10.091	VV	1255	24816	0.62%	0.034%
145	10.123	10.091	10.157	VV	1276	46109	1.15%	0.064%
146	10.177	10.157	10.192	VV	1297	24504	0.61%	0.034%
147	10.244	10.192	10.259	VV	1464	51263	1.28%	0.071%
148	10.287	10.259	10.312	VV	2698	59712	1.49%	0.082%
149	10.336	10.312	10.358	VV	1816	41254	1.03%	0.057%
150	10.382	10.358	10.406	VV	1578	40427	1.01%	0.056%
151	10.431	10.406	10.468	VV	1629	49613	1.24%	0.068%
152	10.497	10.468	10.510	VV	1301	30565	0.76%	0.042%
153	10.536	10.510	10.550	VV	1587	34526	0.86%	0.048%
154	10.569	10.550	10.600	VV	1673	44023	1.10%	0.061%
155	10.636	10.600	10.677	VV	3856	92222	2.30%	0.127%

rteres

156	10.709	10.677	10.748	VV	3171	94047	2.35%	0.130%
157	10.763	10.748	10.791	VV	1860	41495	1.04%	0.057%
158	10.829	10.791	10.837	VV	1355	35676	0.89%	0.049%
159	10.855	10.837	10.871	VV	1497	29200	0.73%	0.040%
160	10.883	10.871	10.936	VV	1473	53165	1.33%	0.073%
161	10.963	10.936	10.990	VV	1644	47038	1.18%	0.065%
162	11.026	10.990	11.048	VV	1685	54046	1.35%	0.074%
163	11.057	11.048	11.078	VV	1699	27132	0.68%	0.037%
164	11.092	11.078	11.118	VV	1558	32496	0.81%	0.045%
165	11.145	11.118	11.178	VV	2569	58194	1.45%	0.080%
166	11.196	11.178	11.221	VV	1329	31754	0.79%	0.044%
167	11.271	11.221	11.304	VV	2877	81741	2.04%	0.113%
168	11.344	11.304	11.399	VV	346034	3967874	99.12%	5.468%
169	11.433	11.399	11.468	VV	2969	74820	1.87%	0.103%
170	11.496	11.468	11.521	VV	1194	36574	0.91%	0.050%
171	11.534	11.521	11.554	VV	1143	21809	0.54%	0.030%
172	11.584	11.554	11.593	VV	1247	26522	0.66%	0.037%
173	11.640	11.593	11.678	VV	1549	69149	1.73%	0.095%
174	11.701	11.678	11.714	VV	1339	27816	0.69%	0.038%
175	11.736	11.714	11.768	VV	1542	44570	1.11%	0.061%
176	11.775	11.768	11.785	VV	1295	12468	0.31%	0.017%
177	11.799	11.785	11.814	VV	1416	23462	0.59%	0.032%
178	11.825	11.814	11.841	VV	1379	21490	0.54%	0.030%
179	11.856	11.841	11.885	VV	1300	30674	0.77%	0.042%
180	11.898	11.885	11.928	VV	1247	30398	0.76%	0.042%
181	11.941	11.928	11.956	VV	1356	21711	0.54%	0.030%
182	12.010	11.956	12.041	VV	3248	96078	2.40%	0.132%
183	12.053	12.041	12.072	VV	1274	22647	0.57%	0.031%
184	12.148	12.072	12.188	VV	1336	79960	2.00%	0.110%
185	12.233	12.188	12.261	VV	1555	53750	1.34%	0.074%
186	12.297	12.261	12.333	VV	1322	52981	1.32%	0.073%
187	12.349	12.333	12.367	VV	1178	21859	0.55%	0.030%
188	12.391	12.367	12.411	VV	1160	28947	0.72%	0.040%
189	12.429	12.411	12.450	VV	1255	27981	0.70%	0.039%
190	12.477	12.450	12.497	VV	2063	43524	1.09%	0.060%
191	12.513	12.497	12.553	VV	1412	37344	0.93%	0.051%
192	12.591	12.553	12.614	VV	1651	43177	1.08%	0.060%
193	12.655	12.614	12.700	VV	330156	3886982	97.10%	5.357%
194	12.715	12.700	12.737	VV	1072	20557	0.51%	0.028%
195	12.768	12.737	12.788	VV	1069	27848	0.70%	0.038%
196	12.794	12.788	12.836	VV	930	23836	0.60%	0.033%
197	12.848	12.836	12.870	VV	771	15162	0.38%	0.021%
198	12.916	12.870	12.961	VV	971	45373	1.13%	0.063%
199	12.977	12.961	12.996	VV	840	16421	0.41%	0.023%

rteres

200	13.015	12.996	13.028	VV	926	15351	0.38%	0.021%
201	13.046	13.028	13.063	VV	914	18587	0.46%	0.026%
202	13.101	13.063	13.135	VV	285046	3449953	86.18%	4.754%
203	13.151	13.135	13.185	VV	1054	27636	0.69%	0.038%
204	13.206	13.185	13.228	VV	958	21965	0.55%	0.030%
205	13.268	13.228	13.371	VV	304494	3719430	92.91%	5.126%
206	13.377	13.371	13.421	VV	777	20501	0.51%	0.028%
207	13.444	13.421	13.454	VV	755	12633	0.32%	0.017%
208	13.484	13.454	13.520	VV	901	30302	0.76%	0.042%
209	13.531	13.520	13.589	VV	879	29053	0.73%	0.040%
210	13.617	13.589	13.627	VV	771	15922	0.40%	0.022%
211	13.643	13.627	13.665	VV	995	18367	0.46%	0.025%
212	13.695	13.665	13.737	VV	1366	36703	0.92%	0.051%
213	13.769	13.737	13.779	VV	703	15758	0.39%	0.022%
214	13.801	13.779	13.816	VV	1102	19118	0.48%	0.026%
215	13.855	13.816	13.898	VV	302480	3586962	89.60%	4.943%
216	13.910	13.898	13.957	VV	676	19559	0.49%	0.027%
217	13.979	13.957	14.030	VV	509	19146	0.48%	0.026%
218	14.085	14.030	14.198	VV	607	43406	1.08%	0.060%
219	14.225	14.198	14.248	VV	442	11295	0.28%	0.016%
220	14.290	14.248	14.351	VV	1384	35439	0.89%	0.049%
221	14.369	14.351	14.390	VV	458	8798	0.22%	0.012%
222	14.416	14.390	14.460	VV	2266	34879	0.87%	0.048%
223	14.486	14.460	14.521	VV	422	12106	0.30%	0.017%
224	14.544	14.521	14.600	VV	475	15356	0.38%	0.021%
225	14.617	14.600	14.643	VV	365	7384	0.18%	0.010%
226	14.671	14.643	14.682	VV	311	6341	0.16%	0.009%
227	14.703	14.682	14.718	VV	345	6250	0.16%	0.009%
228	14.731	14.718	14.745	VV	297	4060	0.10%	0.006%
229	14.766	14.745	14.785	VV	414	6692	0.17%	0.009%
230	14.809	14.785	14.833	VV	376	8374	0.21%	0.012%
231	14.854	14.833	14.865	VV	186	3004	0.08%	0.004%
232	14.912	14.865	14.920	VV	546	9775	0.24%	0.013%
233	14.959	14.920	15.065	VV	280031	3446877	86.10%	4.750%
234	15.070	15.065	15.083	VV	199	1253	0.03%	0.002%
235	15.155	15.083	15.178	VV	171	6590	0.16%	0.009%
236	15.206	15.178	15.248	VV	136	3606	0.09%	0.005%
237	15.264	15.248	15.281	VV	81	1159	0.03%	0.002%
238	15.294	15.281	15.330	VV	254	2979	0.07%	0.004%
239	15.340	15.330	15.365	VV	173	2177	0.05%	0.003%
240	15.380	15.365	15.391	VV	175	1721	0.04%	0.002%
241	15.399	15.391	15.419	VV	100	882	0.02%	0.001%
242	15.438	15.419	15.446	VV	118	1399	0.03%	0.002%

rteres

243	15.478	15.446	15.536	VV	3319	47881	1.20%	0.066%
244	15.543	15.536	15.562	VV	119	1207	0.03%	0.002%
245	15.568	15.562	15.613	VV	119	1938	0.05%	0.003%
246	15.629	15.613	15.645	VV	170	1595	0.04%	0.002%
247	15.661	15.645	15.735	VV	99	3380	0.08%	0.005%
248	15.800	15.735	15.835	VV	336	7980	0.20%	0.011%
249	15.850	15.835	15.898	VV	211	4859	0.12%	0.007%
250	15.982	15.898	16.105	VV	262853	3277287	81.87%	4.516%
251	16.111	16.105	16.135	VV	100	1855	0.05%	0.003%
252	16.156	16.135	16.168	PV	228	2252	0.06%	0.003%
253	16.178	16.168	16.228	VV	116	2836	0.07%	0.004%
254	16.291	16.228	16.324	PV	258	5901	0.15%	0.008%
255	16.340	16.324	16.397	VV	155	3237	0.08%	0.004%
256	16.464	16.397	16.526	PV	3394	51702	1.29%	0.071%
257	16.631	16.526	16.655	PV	203	6386	0.16%	0.009%
258	16.697	16.655	16.717	VV	188	4513	0.11%	0.006%
259	16.737	16.717	16.747	VV	201	2369	0.06%	0.003%
260	16.762	16.747	16.785	VV	344	4159	0.10%	0.006%
261	16.812	16.785	16.844	VV	373	7054	0.18%	0.010%
262	16.858	16.844	16.868	VV	217	2583	0.06%	0.004%
263	16.933	16.868	17.005	VV	229118	3129098	78.16%	4.312%
264	17.047	17.005	17.061	PV	165	3256	0.08%	0.004%
265	17.089	17.061	17.125	VV	118	2704	0.07%	0.004%
266	17.221	17.125	17.241	VV	165	6751	0.17%	0.009%
267	17.267	17.241	17.288	VV	167	2151	0.05%	0.003%
268	17.382	17.288	17.418	PV	3490	54730	1.37%	0.075%
269	17.516	17.418	17.577	VV	159	6461	0.16%	0.009%
270	17.615	17.577	17.632	VV	166	2633	0.07%	0.004%
271	17.667	17.632	17.678	VV	180	2950	0.07%	0.004%
272	17.711	17.678	17.748	VV	2156	30107	0.75%	0.041%
273	17.822	17.748	17.875	PV	228469	3071464	76.72%	4.233%
274	17.888	17.875	17.903	VV	101	1347	0.03%	0.002%
275	17.978	17.903	18.030	VV	422	12662	0.32%	0.017%
276	18.042	18.030	18.050	VV	101	766	0.02%	0.001%
277	18.069	18.050	18.081	PV	138	1790	0.04%	0.002%
278	18.093	18.081	18.118	VV	228	3381	0.08%	0.005%
279	18.134	18.118	18.145	VV	137	1682	0.04%	0.002%
280	18.243	18.145	18.301	VV	3326	52441	1.31%	0.072%
281	18.345	18.301	18.374	PV	448	8357	0.21%	0.012%
282	18.384	18.374	18.411	VV	132	1668	0.04%	0.002%
283	18.515	18.411	18.528	PV	195	5290	0.13%	0.007%
284	18.549	18.528	18.559	VV	216	2631	0.07%	0.004%
285	18.566	18.559	18.588	VV	147	1159	0.03%	0.002%

rteres

286	18.655	18.588	18.712	VV	207719	3015569	75.33%	4.156%
287	18.718	18.712	18.726	VV	78	367	0.01%	0.001%
288	18.770	18.726	18.791	PV	214	4446	0.11%	0.006%
289	18.819	18.791	18.838	VV	192	3319	0.08%	0.005%
290	18.845	18.838	18.871	VV	116	1385	0.03%	0.002%
291	18.908	18.871	18.935	VV	249	5521	0.14%	0.008%
292	18.982	18.935	19.011	VV	186	5622	0.14%	0.008%
293	19.052	19.011	19.088	VV	3043	46839	1.17%	0.065%
294	19.098	19.088	19.118	VV	368	5201	0.13%	0.007%
295	19.171	19.118	19.182	VV	449	11463	0.29%	0.016%
296	19.308	19.182	19.330	VV	586	38826	0.97%	0.054%
297	19.342	19.330	19.365	VV	593	10746	0.27%	0.015%
298	19.442	19.365	19.495	VV	211088	3007972	75.14%	4.145%
299	19.597	19.495	19.618	VV	1067	63832	1.59%	0.088%
300	19.734	19.618	19.751	VV	1283	90405	2.26%	0.125%
301	19.816	19.751	19.845	VV	2880	95946	2.40%	0.132%
302	19.872	19.845	19.884	VV	1612	35537	0.89%	0.049%
303	20.085	19.884	20.110	VV	2826	286107	7.15%	0.394%
304	20.183	20.110	20.228	VV	196127	3035089	75.82%	4.183%
305	20.470	20.228	20.501	VV	3972	584662	14.60%	0.806%
306	20.542	20.501	20.601	VV	4831	243640	6.09%	0.336%
307	20.741	20.601	20.785	VV	3811	409663	10.23%	0.565%
308	20.795	20.785	20.885	VV	3608	201975	5.05%	0.278%
309	20.947	20.885	21.034	VV	157175	3036544	75.85%	4.185%
310	21.055	21.034	21.103	VV	2758	109199	2.73%	0.150%
311	21.114	21.103	21.231	VV	2569	176485	4.41%	0.243%
312	21.252	21.231	21.268	VV	1980	42869	1.07%	0.059%
313	21.303	21.268	21.348	VV	1927	89579	2.24%	0.123%
314	21.397	21.348	21.505	VV	2265	165346	4.13%	0.228%
315	21.511	21.505	21.661	VV	1478	115387	2.88%	0.159%
316	21.697	21.661	21.727	VV	946	36423	0.91%	0.050%
317	21.738	21.727	21.754	VV	857	13022	0.33%	0.018%
318	21.769	21.754	21.781	VV	782	12392	0.31%	0.017%
319	21.802	21.781	21.815	VV	786	14251	0.36%	0.020%
320	21.824	21.815	21.834	VV	666	6906	0.17%	0.010%
321	21.911	21.834	22.028	VV	110184	2677104	66.87%	3.689%
			Sum of corrected areas:			72564635		

Aliphatic EPH 080125.M Wed Aug 13 05:15:51 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049621.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 15:46
Operator : YP/AJ
Sample : Q2743-01MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WC1MS

Integration File: autoint1.e
Quant Time: Aug 13 00:30:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4) S	2-Bromonaphthalene (S...	7.716	5128962	50.045 ug/ml
Spiked Amount	50.000		Recovery =	100.09%
6) S	2-Flurobiphenyl (SURR)	8.581	3671237	50.259 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	100.52%
11) S	ortho-Terphenyl (SURR)	11.627	4343758	33.466 ug/ml
Spiked Amount	50.000		Recovery =	66.93%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.507	3178584	31.403 ug/ml
2) T	Naphthalene (C11.7)	6.050	3870728	33.758 ug/ml
3) T	2-Methylnaphthalene (...	7.104	3842556	32.211 ug/ml
5) T	Acenaphthylene (C15.06)	8.384	4562735	36.295 ug/ml
7) T	Acenaphthene (C15.5)	8.681	4587927	36.489 ug/ml
8) T	Flouorene (C16.55)	9.463	4888454	38.611 ug/ml
9) T	Phenanthrene (C19.36)	10.862	5388822	41.716 ug/ml
10) T	Anthracene (C19.43)	10.937	5124029	41.593 ug/ml
12) T	Fluoranthene (C21.85)	12.678	5802918	45.329 ug/ml
13) T	Pyrene (C20.8)	12.976	5749252	45.282 ug/ml
14) T	Benzo[a]anthracene (C...	14.847	5217788	45.217 ug/ml
15) T	Chrysene (C27.41)	14.892	5789473	49.448 ug/ml
16) T	benzo[b]fluoranthene ...	16.399	5064596	44.530 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.433	4705746	43.959 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.779	4774415	43.037 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.145	4783636	46.408 ug/ml
20) T	Dibenz[a,h]anthracene...	18.183	4281018	39.276 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.401	4184521	38.293 ug/ml

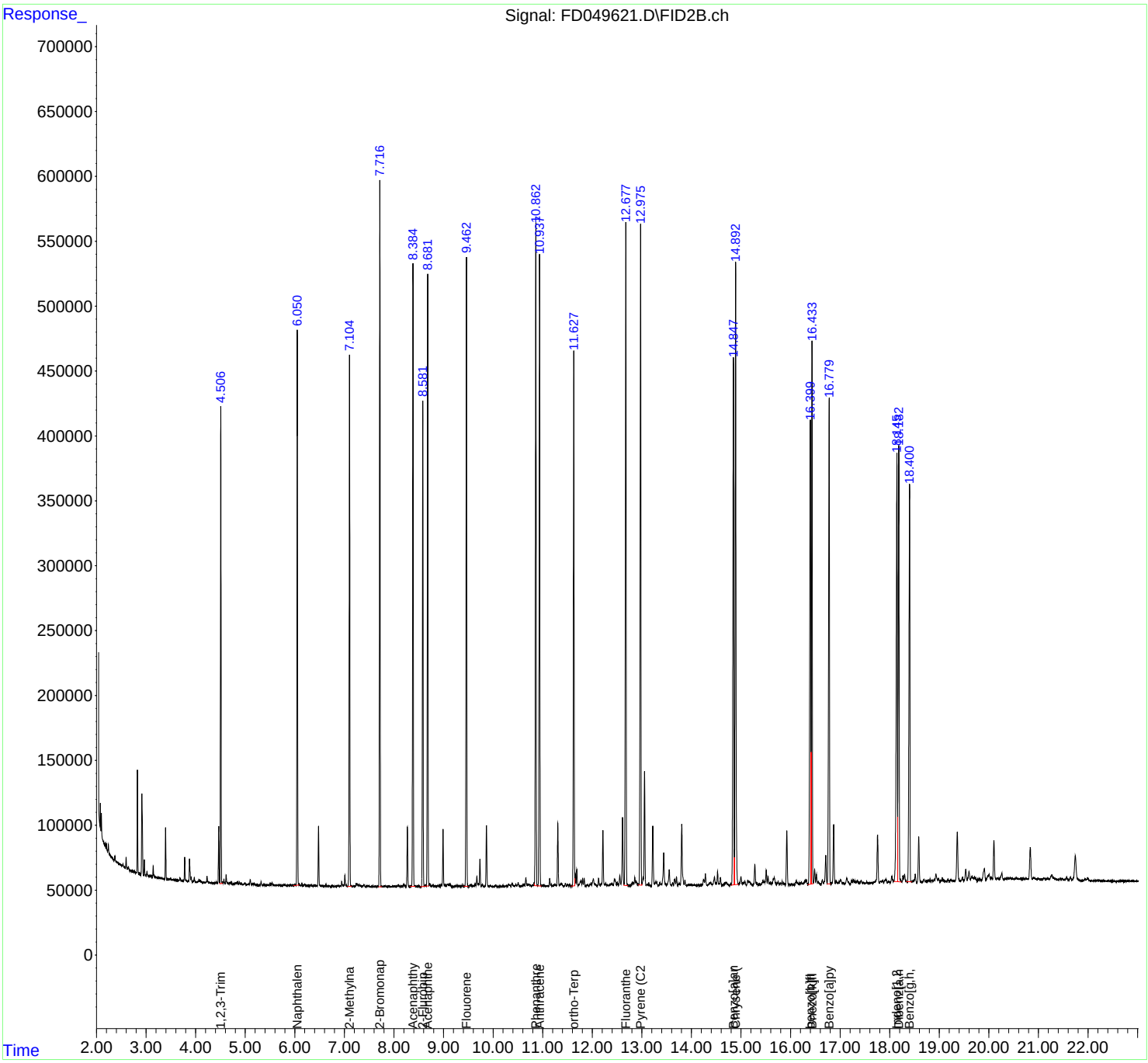
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049621.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 15:46
Operator : YP/AJ
Sample : Q2743-01MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WC1MS

Integration File: autoint1.e
Quant Time: Aug 13 00:30:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049621.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 15:46
Sample : Q2743-01MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.264	4.252	4.308	BV	317	1672	0.03%	0.001%
2	4.327	4.308	4.348	PV	249	4061	0.07%	0.003%
3	4.354	4.348	4.373	VV	328	2547	0.04%	0.002%
4	4.392	4.373	4.405	PV	514	5765	0.10%	0.005%
5	4.420	4.405	4.441	VV	1154	12395	0.21%	0.010%
6	4.465	4.441	4.485	VV	44327	393903	6.75%	0.333%
7	4.507	4.485	4.534	VV	367846	3182432	54.50%	2.692%
8	4.539	4.534	4.553	VV	1635	12368	0.21%	0.010%
9	4.570	4.553	4.595	VV	3830	39539	0.68%	0.033%
10	4.615	4.595	4.658	VV	7060	84050	1.44%	0.071%
11	4.666	4.658	4.675	VV	508	4508	0.08%	0.004%
12	4.689	4.675	4.704	VV	1583	16512	0.28%	0.014%
13	4.720	4.704	4.738	VV	2435	21794	0.37%	0.018%
14	4.750	4.738	4.756	PV	328	1748	0.03%	0.001%
15	4.772	4.756	4.783	VV	538	5542	0.09%	0.005%
16	4.798	4.783	4.806	VV	1284	11594	0.20%	0.010%
17	4.818	4.806	4.829	VV	1707	17752	0.30%	0.015%
18	4.844	4.829	4.864	VV	2512	29449	0.50%	0.025%
19	4.882	4.864	4.905	VV	2078	24079	0.41%	0.020%
20	4.918	4.905	4.956	VV	1458	22083	0.38%	0.019%
21	4.971	4.956	4.980	VV	674	6274	0.11%	0.005%
22	4.996	4.980	5.015	VV	1703	18630	0.32%	0.016%
23	5.020	5.015	5.041	VV	461	4284	0.07%	0.004%
24	5.073	5.049	5.083	VV	1223	13391	0.23%	0.011%
25	5.101	5.083	5.135	VV	4304	56717	0.97%	0.048%

rteres

26	5.160	5.135	5.171	VV	1595	17802	0.30%	0.015%
27	5.184	5.171	5.217	VV	1806	23870	0.41%	0.020%
28	5.221	5.217	5.254	VV	279	3082	0.05%	0.003%
29	5.293	5.254	5.302	PV	373	5000	0.09%	0.004%
30	5.319	5.302	5.354	PV	3002	31124	0.53%	0.026%
31	5.372	5.354	5.390	VV	839	10002	0.17%	0.008%
32	5.394	5.390	5.417	VV	469	4360	0.07%	0.004%
33	5.436	5.417	5.447	VV	424	4724	0.08%	0.004%
34	5.456	5.447	5.484	VV	527	7242	0.12%	0.006%
35	5.502	5.484	5.521	VV	2301	24309	0.42%	0.021%
36	5.540	5.521	5.562	VV	2108	26129	0.45%	0.022%
37	5.573	5.562	5.587	VV	487	4527	0.08%	0.004%
38	5.598	5.587	5.618	VV	548	5513	0.09%	0.005%
39	5.642	5.618	5.652	VV	322	3950	0.07%	0.003%
40	5.664	5.652	5.672	VV	339	3121	0.05%	0.003%
41	5.686	5.672	5.730	VV	953	16485	0.28%	0.014%
42	5.743	5.730	5.761	VV	405	4329	0.07%	0.004%
43	5.784	5.761	5.823	VV	1098	25073	0.43%	0.021%
44	5.836	5.823	5.859	VV	504	6632	0.11%	0.006%
45	5.878	5.859	5.906	VV	892	15068	0.26%	0.013%
46	5.926	5.906	5.936	VV	676	8436	0.14%	0.007%
47	5.954	5.936	5.973	VV	1142	14224	0.24%	0.012%
48	6.005	5.973	6.023	VV	1177	23992	0.41%	0.020%
49	6.050	6.023	6.082	VV	428605	3884043	66.52%	3.286%
50	6.095	6.082	6.121	VV	1482	19635	0.34%	0.017%
51	6.141	6.121	6.167	VV	1722	22937	0.39%	0.019%
52	6.201	6.167	6.217	VV	1440	25305	0.43%	0.021%
53	6.228	6.217	6.251	VV	646	9117	0.16%	0.008%
54	6.267	6.251	6.293	VV	710	12162	0.21%	0.010%
55	6.307	6.293	6.316	VV	692	7823	0.13%	0.007%
56	6.326	6.316	6.355	VV	1030	14189	0.24%	0.012%
57	6.362	6.355	6.375	VV	400	3797	0.07%	0.003%
58	6.400	6.375	6.410	VV	610	10535	0.18%	0.009%
59	6.416	6.410	6.449	VV	773	12039	0.21%	0.010%
60	6.479	6.449	6.524	VV	46576	456926	7.83%	0.387%
61	6.535	6.524	6.550	VV	487	5398	0.09%	0.005%
62	6.568	6.550	6.587	VV	716	8557	0.15%	0.007%
63	6.599	6.587	6.612	PV	668	5576	0.10%	0.005%
64	6.629	6.612	6.649	VV	1454	15182	0.26%	0.013%
65	6.668	6.649	6.688	VV	665	10965	0.19%	0.009%
66	6.701	6.688	6.719	VV	678	6953	0.12%	0.006%
67	6.736	6.719	6.744	PV	332	2788	0.05%	0.002%
68	6.762	6.744	6.781	VV	845	10392	0.18%	0.009%
69	6.807	6.794	6.824	VV	398	3512	0.06%	0.003%

rteres

70	6.841	6.824	6.849	VV	322	2406	0.04%	0.002%
71	6.865	6.849	6.870	VV	715	6939	0.12%	0.006%
72	6.881	6.870	6.902	VV	912	10617	0.18%	0.009%
73	6.918	6.902	6.932	VV	683	8809	0.15%	0.007%
74	6.947	6.932	6.963	VV	3992	38322	0.66%	0.032%
75	6.976	6.963	6.989	VV	1135	14177	0.24%	0.012%
76	7.010	6.989	7.029	VV	9063	92572	1.59%	0.078%
77	7.039	7.029	7.063	VV	1210	13193	0.23%	0.011%
78	7.104	7.063	7.134	VV	409789	3854460	66.01%	3.261%
79	7.139	7.134	7.149	VV	746	5359	0.09%	0.005%
80	7.151	7.149	7.168	VV	671	4454	0.08%	0.004%
81	7.182	7.168	7.201	VV	596	7708	0.13%	0.007%
82	7.207	7.201	7.222	VV	383	4093	0.07%	0.003%
83	7.239	7.222	7.252	VV	2702	28710	0.49%	0.024%
84	7.263	7.252	7.279	VV	2405	26734	0.46%	0.023%
85	7.295	7.279	7.309	VV	1783	20933	0.36%	0.018%
86	7.320	7.309	7.353	VV	1146	16633	0.28%	0.014%
87	7.367	7.353	7.378	VV	972	8987	0.15%	0.008%
88	7.397	7.378	7.430	VV	1736	27475	0.47%	0.023%
89	7.465	7.430	7.480	VV	807	15524	0.27%	0.013%
90	7.490	7.480	7.523	VV	910	10598	0.18%	0.009%
91	7.580	7.541	7.597	VV	741	9373	0.16%	0.008%
92	7.601	7.597	7.610	VV	247	1833	0.03%	0.002%
93	7.634	7.610	7.648	VV	616	7911	0.14%	0.007%
94	7.663	7.648	7.683	VV	870	9423	0.16%	0.008%
95	7.716	7.683	7.770	VV	543241	5137851	87.99%	4.346%
96	7.775	7.770	7.792	VV	281	3061	0.05%	0.003%
97	7.809	7.792	7.814	VV	659	6787	0.12%	0.006%
98	7.827	7.814	7.858	VV	1228	14160	0.24%	0.012%
99	7.879	7.858	7.884	VV	400	2996	0.05%	0.003%
100	7.889	7.884	7.913	VV	361	4296	0.07%	0.004%
101	7.923	7.913	7.937	VV	410	3684	0.06%	0.003%
102	7.969	7.952	7.981	VV	722	9376	0.16%	0.008%
103	7.985	7.981	7.997	VV	605	4686	0.08%	0.004%
104	8.010	7.997	8.017	VV	580	5487	0.09%	0.005%
105	8.027	8.017	8.045	VV	604	8591	0.15%	0.007%
106	8.054	8.045	8.063	VV	590	5123	0.09%	0.004%
107	8.080	8.063	8.090	VV	1385	15795	0.27%	0.013%
108	8.095	8.090	8.140	VV	1427	16540	0.28%	0.014%
109	8.171	8.140	8.180	VV	694	11620	0.20%	0.010%
110	8.198	8.180	8.214	VV	2637	29682	0.51%	0.025%
111	8.226	8.214	8.243	VV	1473	14990	0.26%	0.013%
112	8.271	8.243	8.300	VV	46254	479798	8.22%	0.406%

rteres

113	8.308	8.300	8.325	VV	482	5427	0.09%	0.005%
114	8.334	8.325	8.338	VV	528	3152	0.05%	0.003%
115	8.384	8.338	8.450	VV	480090	4594217	78.68%	3.887%
116	8.467	8.450	8.483	VV	867	10411	0.18%	0.009%
117	8.504	8.483	8.540	VV	896	13364	0.23%	0.011%
118	8.581	8.540	8.613	PV	374563	3689456	63.18%	3.121%
119	8.637	8.613	8.649	VV	1334	21725	0.37%	0.018%
120	8.681	8.649	8.706	VV	470242	4604542	78.85%	3.895%
121	8.721	8.706	8.752	VV	2600	40385	0.69%	0.034%
122	8.758	8.752	8.766	VV	882	6602	0.11%	0.006%
123	8.789	8.766	8.832	VV	1469	34792	0.60%	0.029%
124	8.837	8.832	8.854	VV	640	5622	0.10%	0.005%
125	8.880	8.854	8.900	VV	874	17358	0.30%	0.015%
126	8.919	8.900	8.932	VV	1363	17053	0.29%	0.014%
127	8.950	8.932	8.966	VV	2077	26307	0.45%	0.022%
128	8.990	8.966	9.013	VV	44560	438334	7.51%	0.371%
129	9.019	9.013	9.034	VV	1413	15402	0.26%	0.013%
130	9.040	9.034	9.057	VV	1334	14526	0.25%	0.012%
131	9.080	9.057	9.099	VV	2269	39907	0.68%	0.034%
132	9.124	9.099	9.135	VV	2243	39059	0.67%	0.033%
133	9.142	9.135	9.166	VV	2023	20174	0.35%	0.017%
134	9.182	9.166	9.204	PV	348	4086	0.07%	0.003%
135	9.238	9.204	9.255	VV	1049	15323	0.26%	0.013%
136	9.272	9.255	9.299	VV	1758	23896	0.41%	0.020%
137	9.323	9.299	9.357	VV	817	16557	0.28%	0.014%
138	9.376	9.357	9.401	VV	1499	21704	0.37%	0.018%
139	9.419	9.401	9.429	VV	811	10347	0.18%	0.009%
140	9.463	9.429	9.505	VV	484247	4907433	84.04%	4.152%
141	9.533	9.505	9.547	VV	1835	26876	0.46%	0.023%
142	9.558	9.547	9.577	VV	2058	23764	0.41%	0.020%
143	9.584	9.577	9.591	VV	756	5728	0.10%	0.005%
144	9.609	9.591	9.622	VV	1132	16343	0.28%	0.014%
145	9.637	9.622	9.653	VV	2812	32210	0.55%	0.027%
146	9.673	9.653	9.691	VV	8107	93209	1.60%	0.079%
147	9.705	9.691	9.716	VV	2845	33121	0.57%	0.028%
148	9.735	9.716	9.764	VV	21559	226061	3.87%	0.191%
149	9.781	9.764	9.819	VV	1744	34011	0.58%	0.029%
150	9.832	9.819	9.841	VV	751	7328	0.13%	0.006%
151	9.866	9.841	9.918	VV	47505	535324	9.17%	0.453%
152	9.943	9.918	9.963	VV	1087	15535	0.27%	0.013%
153	9.975	9.963	10.000	VV	425	5996	0.10%	0.005%
154	10.004	10.000	10.017	VV	256	1742	0.03%	0.001%
155	10.044	10.017	10.049	VV	892	9669	0.17%	0.008%

rteres

156	10.059	10.049	10.080	VV	1107	13225	0.23%	0.011%
157	10.098	10.080	10.112	VV	371	4085	0.07%	0.003%
158	10.145	10.122	10.163	PV	788	8992	0.15%	0.008%
159	10.199	10.163	10.239	VV	946	23901	0.41%	0.020%
160	10.259	10.239	10.278	VV	891	13828	0.24%	0.012%
161	10.314	10.278	10.328	VV	1810	33419	0.57%	0.028%
162	10.333	10.328	10.359	VV	1513	19441	0.33%	0.016%
163	10.379	10.359	10.422	VV	2467	51454	0.88%	0.044%
164	10.432	10.422	10.437	VV	656	5059	0.09%	0.004%
165	10.454	10.437	10.482	VV	1792	31126	0.53%	0.026%
166	10.506	10.482	10.532	VV	3265	49506	0.85%	0.042%
167	10.537	10.532	10.549	VV	668	6142	0.11%	0.005%
168	10.560	10.549	10.572	VV	907	8661	0.15%	0.007%
169	10.588	10.572	10.607	VV	1135	18687	0.32%	0.016%
170	10.624	10.607	10.638	VV	2076	26281	0.45%	0.022%
171	10.661	10.638	10.684	VV	7027	93713	1.60%	0.079%
172	10.691	10.684	10.699	VV	1624	14388	0.25%	0.012%
173	10.710	10.699	10.717	VV	1731	17188	0.29%	0.015%
174	10.727	10.717	10.752	VV	1732	29889	0.51%	0.025%
175	10.760	10.752	10.771	VV	1220	11268	0.19%	0.010%
176	10.798	10.771	10.808	VV	1360	22178	0.38%	0.019%
177	10.825	10.808	10.832	VV	3133	31238	0.53%	0.026%
178	10.862	10.832	10.902	VV	511615	5421979	92.85%	4.587%
179	10.937	10.902	10.980	VV	485486	5153966	88.26%	4.360%
180	10.988	10.980	10.996	VV	719	6004	0.10%	0.005%
181	11.010	10.996	11.057	VV	1039	28003	0.48%	0.024%
182	11.063	11.057	11.074	VV	537	4784	0.08%	0.004%
183	11.079	11.074	11.087	VV	484	3488	0.06%	0.003%
184	11.090	11.087	11.100	VV	420	3301	0.06%	0.003%
185	11.111	11.100	11.120	VV	621	6143	0.11%	0.005%
186	11.141	11.120	11.184	VV	6432	88137	1.51%	0.075%
187	11.217	11.184	11.230	VV	1182	22142	0.38%	0.019%
188	11.247	11.230	11.278	VV	1947	38657	0.66%	0.033%
189	11.305	11.278	11.337	VV	49067	552892	9.47%	0.468%
190	11.378	11.337	11.424	VV	2530	75365	1.29%	0.064%
191	11.458	11.424	11.478	VV	2647	37962	0.65%	0.032%
192	11.505	11.478	11.527	VV	1766	30769	0.53%	0.026%
193	11.546	11.527	11.570	VV	1498	21660	0.37%	0.018%
194	11.584	11.570	11.593	VV	590	6659	0.11%	0.006%
195	11.627	11.593	11.649	VV	413297	4362608	74.71%	3.691%
196	11.657	11.649	11.672	VV	10104	98485	1.69%	0.083%
197	11.688	11.672	11.711	VV	13395	153960	2.64%	0.130%
198	11.755	11.711	11.760	VV	3508	57977	0.99%	0.049%
199	11.772	11.760	11.790	VV	5040	64790	1.11%	0.055%

rteres

200	11.805	11.790	11.820	VV	6295	70885	1.21%	0.060%
201	11.837	11.820	11.865	VV	6341	78152	1.34%	0.066%
202	11.878	11.865	11.884	VV	790	6232	0.11%	0.005%
203	11.901	11.884	11.928	VV	1414	25443	0.44%	0.022%
204	11.973	11.928	11.985	VV	2269	48217	0.83%	0.041%
205	12.023	11.985	12.053	VV	5951	135185	2.32%	0.114%
206	12.061	12.053	12.101	VV	1926	30210	0.52%	0.026%
207	12.127	12.101	12.148	VV	6501	82342	1.41%	0.070%
208	12.159	12.148	12.167	VV	1456	14531	0.25%	0.012%
209	12.215	12.167	12.254	VV	43389	541104	9.27%	0.458%
210	12.273	12.254	12.294	VV	2066	35395	0.61%	0.030%
211	12.300	12.294	12.320	VV	1058	13723	0.24%	0.012%
212	12.332	12.320	12.343	VV	1104	13567	0.23%	0.011%
213	12.356	12.343	12.365	VV	1367	16803	0.29%	0.014%
214	12.377	12.365	12.388	VV	2022	23930	0.41%	0.020%
215	12.399	12.388	12.421	VV	2397	31715	0.54%	0.027%
216	12.446	12.421	12.455	VV	5216	63860	1.09%	0.054%
217	12.463	12.455	12.488	VV	4873	65510	1.12%	0.055%
218	12.503	12.488	12.519	VV	3287	41787	0.72%	0.035%
219	12.524	12.519	12.535	VV	1733	14600	0.25%	0.012%
220	12.556	12.535	12.576	VV	8471	114433	1.96%	0.097%
221	12.611	12.576	12.639	VV	53280	692239	11.85%	0.586%
222	12.678	12.639	12.720	VV	510906	5839276	100.00%	4.940%
223	12.737	12.720	12.750	VV	732	11578	0.20%	0.010%
224	12.806	12.750	12.818	VV	3143	59814	1.02%	0.051%
225	12.831	12.818	12.842	VV	3224	35671	0.61%	0.030%
226	12.858	12.842	12.875	VV	6996	89575	1.53%	0.076%
227	12.885	12.875	12.924	VV	4168	78064	1.34%	0.066%
228	12.932	12.924	12.938	VV	1378	11356	0.19%	0.010%
229	12.976	12.938	13.000	VV	509453	5785386	99.08%	4.894%
230	13.025	13.000	13.032	VV	7208	87541	1.50%	0.074%
231	13.055	13.032	13.085	VV	88770	1045043	17.90%	0.884%
232	13.108	13.085	13.126	VV	1636	30052	0.51%	0.025%
233	13.140	13.126	13.159	VV	2917	34622	0.59%	0.029%
234	13.172	13.159	13.189	VV	831	8812	0.15%	0.007%
235	13.221	13.189	13.255	PV	46724	607947	10.41%	0.514%
236	13.272	13.255	13.287	VV	3221	48791	0.84%	0.041%
237	13.297	13.287	13.330	VV	3096	49418	0.85%	0.042%
238	13.363	13.330	13.382	VV	3161	45274	0.78%	0.038%
239	13.397	13.382	13.403	VV	1810	19589	0.34%	0.017%
240	13.442	13.403	13.492	VV	25823	411644	7.05%	0.348%
241	13.553	13.492	13.600	VV	12882	236177	4.04%	0.200%
242	13.622	13.600	13.638	VV	2833	37403	0.64%	0.032%

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243	13.663	13.638	13.683	VV	5483	85874	1.47%	0.073%
244	13.700	13.683	13.725	VV	7116	91068	1.56%	0.077%
245	13.752	13.725	13.772	VV	2219	46205	0.79%	0.039%
246	13.806	13.772	13.853	VV	47622	683110	11.70%	0.578%
247	13.870	13.853	13.915	VV	4754	65995	1.13%	0.056%
248	13.948	13.915	13.964	VV	1369	23672	0.41%	0.020%
249	13.981	13.964	13.995	VV	953	14445	0.25%	0.012%
250	14.006	13.995	14.024	VV	1015	12799	0.22%	0.011%
251	14.048	14.024	14.066	VV	799	17085	0.29%	0.014%
252	14.073	14.066	14.108	VV	737	9444	0.16%	0.008%
253	14.136	14.108	14.169	VV	1029	15935	0.27%	0.013%
254	14.195	14.169	14.207	VV	887	10342	0.18%	0.009%
255	14.244	14.207	14.265	VV	5044	91974	1.58%	0.078%
256	14.282	14.265	14.319	VV	9386	125833	2.15%	0.106%
257	14.364	14.319	14.377	VV	2003	42492	0.73%	0.036%
258	14.388	14.377	14.421	VV	2644	45731	0.78%	0.039%
259	14.426	14.421	14.429	VV	1082	4766	0.08%	0.004%
260	14.465	14.429	14.489	VV	6950	128027	2.19%	0.108%
261	14.495	14.489	14.505	VV	1969	17205	0.29%	0.015%
262	14.527	14.505	14.549	VV	11059	141409	2.42%	0.120%
263	14.557	14.549	14.565	VV	1471	12699	0.22%	0.011%
264	14.585	14.565	14.620	VV	6158	87586	1.50%	0.074%
265	14.652	14.620	14.664	VV	1314	19876	0.34%	0.017%
266	14.691	14.664	14.698	VV	2192	34342	0.59%	0.029%
267	14.710	14.698	14.734	VV	2508	39194	0.67%	0.033%
268	14.739	14.734	14.774	VV	1052	11552	0.20%	0.010%
269	14.791	14.774	14.804	PV	1194	12699	0.22%	0.011%
270	14.847	14.804	14.866	VV	406476	5239315	89.73%	4.432%
271	14.892	14.866	14.950	VV	481336	5834326	99.92%	4.936%
272	14.999	14.950	15.023	VV	6710	130025	2.23%	0.110%
273	15.027	15.023	15.030	VV	1680	7402	0.13%	0.006%
274	15.039	15.030	15.058	VV	1873	27902	0.48%	0.024%
275	15.078	15.058	15.111	VV	3376	54357	0.93%	0.046%
276	15.136	15.111	15.162	VV	4228	80284	1.37%	0.068%
277	15.175	15.162	15.236	VV	3128	68221	1.17%	0.058%
278	15.279	15.236	15.314	VV	16168	238306	4.08%	0.202%
279	15.317	15.314	15.341	VV	1817	20147	0.35%	0.017%
280	15.352	15.341	15.357	VV	595	4131	0.07%	0.003%
281	15.374	15.357	15.396	VV	877	16190	0.28%	0.014%
282	15.404	15.396	15.408	VV	798	5351	0.09%	0.005%
283	15.443	15.408	15.455	VV	3252	59630	1.02%	0.050%
284	15.467	15.455	15.482	VV	2806	39172	0.67%	0.033%
285	15.508	15.482	15.528	VV	11680	162085	2.78%	0.137%

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286	15.545	15.528	15.572	VV	6706	90495	1.55%	0.077%
287	15.587	15.572	15.603	VV	1881	27398	0.47%	0.023%
288	15.615	15.603	15.628	VV	1834	22778	0.39%	0.019%
289	15.670	15.628	15.709	VV	5559	163008	2.79%	0.138%
290	15.713	15.709	15.725	VV	973	7678	0.13%	0.006%
291	15.747	15.725	15.772	VV	2368	39639	0.68%	0.034%
292	15.796	15.772	15.811	VV	1376	25663	0.44%	0.022%
293	15.831	15.811	15.847	VV	2818	35795	0.61%	0.030%
294	15.860	15.847	15.874	VV	1500	15865	0.27%	0.013%
295	15.878	15.874	15.887	VV	619	4425	0.08%	0.004%
296	15.925	15.887	15.957	VV	41898	547278	9.37%	0.463%
297	15.973	15.957	15.989	VV	441	5675	0.10%	0.005%
298	16.002	15.989	16.023	VV	497	6955	0.12%	0.006%
299	16.030	16.023	16.052	VV	484	4868	0.08%	0.004%
300	16.069	16.052	16.078	VV	314	3363	0.06%	0.003%
301	16.116	16.078	16.132	VV	2998	50713	0.87%	0.043%
302	16.144	16.132	16.160	VV	1924	20124	0.34%	0.017%
303	16.177	16.160	16.194	VV	1306	18179	0.31%	0.015%
304	16.216	16.194	16.240	VV	1808	36214	0.62%	0.031%
305	16.256	16.240	16.265	VV	1242	15472	0.26%	0.013%
306	16.291	16.265	16.303	VV	2973	46480	0.80%	0.039%
307	16.319	16.303	16.350	VV	3668	56814	0.97%	0.048%
308	16.399	16.350	16.414	VV	357313	5078022	86.96%	4.296%
309	16.433	16.414	16.460	VV	419812	4724703	80.91%	3.997%
310	16.486	16.460	16.505	VV	11838	159938	2.74%	0.135%
311	16.523	16.505	16.546	VV	8020	106622	1.83%	0.090%
312	16.558	16.546	16.577	VV	2197	30420	0.52%	0.026%
313	16.580	16.577	16.614	VV	1113	13114	0.22%	0.011%
314	16.642	16.614	16.662	VV	3776	54419	0.93%	0.046%
315	16.711	16.662	16.737	VV	22599	345929	5.92%	0.293%
316	16.779	16.737	16.814	VV	373975	4798199	82.17%	4.059%
317	16.870	16.814	16.900	VV	46161	623477	10.68%	0.527%
318	16.919	16.900	16.960	VV	2928	57480	0.98%	0.049%
319	17.007	16.960	17.052	VV	3556	110106	1.89%	0.093%
320	17.069	17.052	17.090	VV	1328	18628	0.32%	0.016%
321	17.134	17.090	17.164	VV	4492	100730	1.73%	0.085%
322	17.171	17.164	17.199	VV	1803	20536	0.35%	0.017%
323	17.230	17.199	17.247	PV	2641	38900	0.67%	0.033%
324	17.264	17.247	17.280	VV	3668	51888	0.89%	0.044%
325	17.292	17.280	17.308	VV	2873	33659	0.58%	0.028%
326	17.320	17.308	17.331	VV	1619	19722	0.34%	0.017%
327	17.350	17.331	17.368	VV	2702	40245	0.69%	0.034%
328	17.379	17.368	17.398	VV	1440	19020	0.33%	0.016%
329	17.423	17.398	17.450	VV	2868	49227	0.84%	0.042%

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330	17.466	17.450	17.481	VV	1358	17666	0.30%	0.015%
331	17.486	17.481	17.506	VV	697	8178	0.14%	0.007%
332	17.519	17.506	17.525	VV	872	7109	0.12%	0.006%
333	17.536	17.525	17.562	VV	1230	20353	0.35%	0.017%
334	17.568	17.562	17.589	VV	746	6720	0.12%	0.006%
335	17.609	17.589	17.621	PV	1011	12736	0.22%	0.011%
336	17.645	17.621	17.659	VV	877	14459	0.25%	0.012%
337	17.755	17.659	17.790	VV	37684	592678	10.15%	0.501%
338	17.816	17.790	17.833	VV	1835	33589	0.58%	0.028%
339	17.860	17.833	17.882	VV	2319	45233	0.77%	0.038%
340	17.905	17.882	17.910	VV	2405	31166	0.53%	0.026%
341	17.925	17.910	17.952	VV	2911	48751	0.83%	0.041%
342	17.982	17.952	18.009	VV	1592	30013	0.51%	0.025%
343	18.043	18.009	18.085	VV	5528	107096	1.83%	0.091%
344	18.145	18.085	18.160	VV	331513	4831104	82.73%	4.087%
345	18.183	18.160	18.209	VV	335971	4283530	73.36%	3.624%
346	18.219	18.209	18.241	VV	2470	30543	0.52%	0.026%
347	18.267	18.241	18.282	VV	5308	70157	1.20%	0.059%
348	18.299	18.282	18.355	VV	5996	103414	1.77%	0.087%
349	18.401	18.355	18.448	PV	307189	4203801	71.99%	3.556%
350	18.470	18.448	18.485	PV	854	8380	0.14%	0.007%

Sum of corrected areas: 118206790

Aromatic EPH 081125.M Wed Aug 13 00:55:22 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069641.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 16:32
Operator : YP/AJ
Sample : Q2743-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC1MSD

Integration File: autoint1.e
Quant Time: Aug 13 01:17:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
12) S	1-chlorooctadecane (S...	13.102	3444063	31.590 ug/ml
Spiked Amount	50.000		Recovery =	63.18%
	Target Compounds			
1) T	n-Nonane (C9)	3.395	2695509	18.920 ug/ml
2) T	n-Decane (C10)	4.469	3189146	21.936 ug/ml
4) T	n-Dodecane (C12)	6.494	3555349	24.321 ug/ml
6) T	n-Tetradecane (C14)	8.294	3708499	25.986 ug/ml
7) T	n-Hexadecane (C16)	9.899	3885829	26.955 ug/ml
8) T	n-Octadecane (C18)	11.343	3862214	27.312 ug/ml
10) T	n-Eicosane (C20)	12.655	3823913	29.029 ug/ml
11) T	n-Heneicosane (C21)	13.268	3642383	28.558 ug/ml
13) T	n-Docosane (C22)	13.855	3560757	28.504 ug/ml
14) T	n-Tetracosane (C24)	14.961	3446142	28.558 ug/ml
15) T	n-Hexacosane (C26)	15.982	3280691	28.392 ug/ml
16) T	n-Octacosane (C28)	16.934	3145187	28.060 ug/ml
17) T	n-Tricontane (C30)	17.823	3082610	26.923 ug/ml
18) T	n-Dotriacontane (C32)	18.656	3036059	27.332 ug/ml
19) T	n-Tetratriacontane (C34)	19.441	2980870	29.275 ug/ml
20) T	n-Hexatriacontane (C36)	20.183	2856041	32.031 ug/ml
21) T	n-Octatriacontane (C38)	20.948	2796410	34.763 ug/ml
22) T	n-Tetracontane (C40)	21.911	2648132	35.364 ug/ml

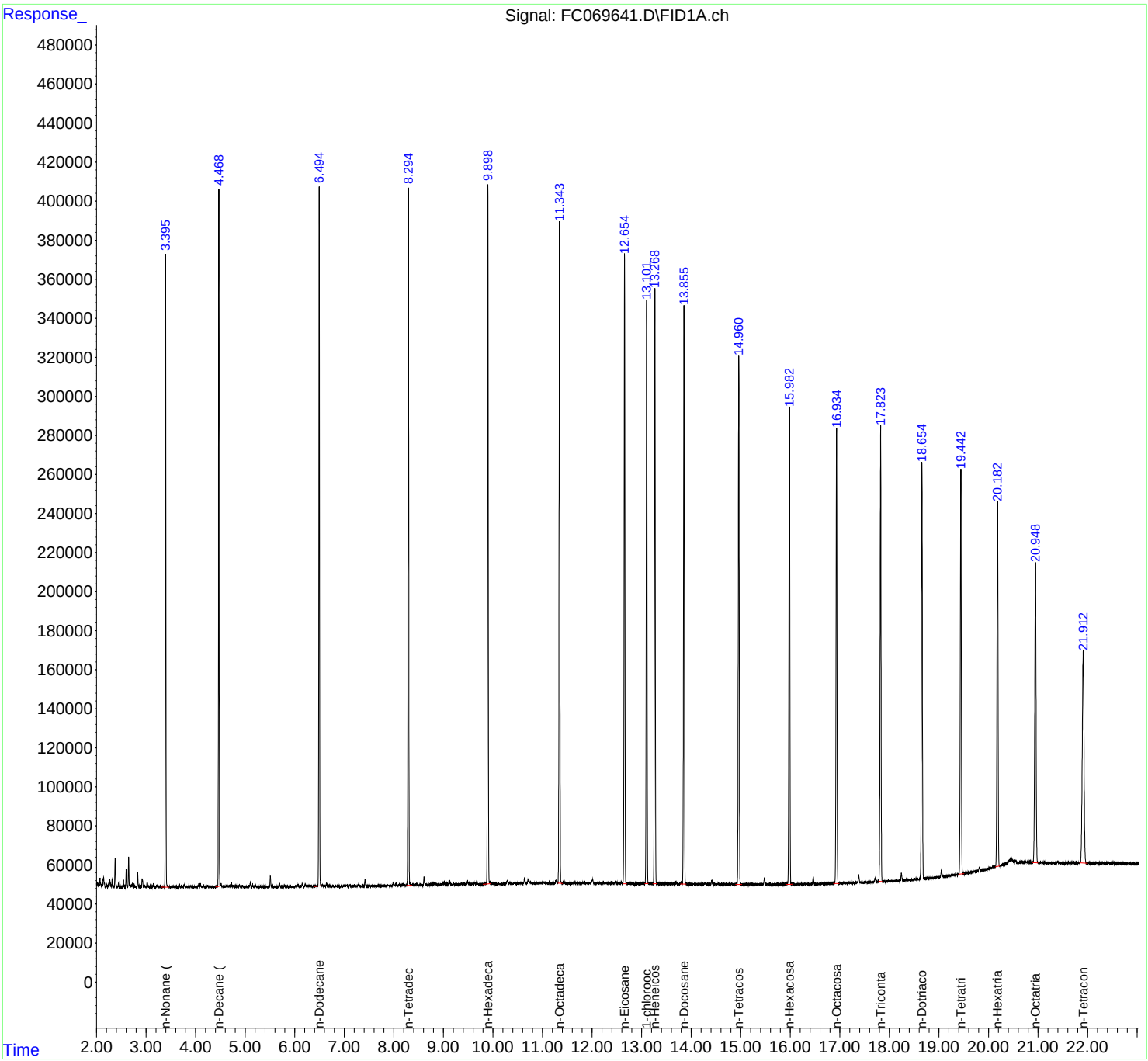
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069641.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 16:32
Operator : YP/AJ
Sample : Q2743-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
WC1MSD

Integration File: autoint1.e
Quant Time: Aug 13 01:17:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
Data File : FC069641.D
Signal(s) : FID1A.ch
Acq On : 12 Aug 2025 16:32
Sample : Q2743-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.218	3.204	3.233	PH	748	7550	0.19%	0.010%
2	3.244	3.233	3.261	PV	562	2998	0.08%	0.004%
3	3.272	3.261	3.281	PV	269	2221	0.06%	0.003%
4	3.289	3.281	3.312	VV	284	2946	0.07%	0.004%
5	3.343	3.312	3.365	PV	387	4488	0.11%	0.006%
6	3.395	3.365	3.474	VV	320858	2696689	68.17%	3.738%
7	3.497	3.474	3.508	PV	262	2873	0.07%	0.004%
8	3.523	3.508	3.538	VV	591	6852	0.17%	0.009%
9	3.548	3.538	3.563	VV	420	4132	0.10%	0.006%
10	3.591	3.563	3.627	VV	644	11965	0.30%	0.017%
11	3.670	3.627	3.693	VV	1488	21670	0.55%	0.030%
12	3.716	3.693	3.751	VV	806	12595	0.32%	0.017%
13	3.770	3.751	3.794	VV	1361	15382	0.39%	0.021%
14	3.804	3.794	3.817	VV	382	4378	0.11%	0.006%
15	3.836	3.817	3.854	VV	406	7206	0.18%	0.010%
16	3.865	3.854	3.881	VV	419	3615	0.09%	0.005%
17	3.894	3.881	3.928	VV	804	10795	0.27%	0.015%
18	3.942	3.928	3.957	VV	525	4035	0.10%	0.006%
19	3.986	3.957	4.011	PV	485	9939	0.25%	0.014%
20	4.018	4.011	4.033	VV	299	2642	0.07%	0.004%
21	4.066	4.033	4.081	VV	1883	23950	0.61%	0.033%
22	4.095	4.081	4.148	VV	2086	27196	0.69%	0.038%
23	4.163	4.148	4.183	VV	1336	13157	0.33%	0.018%
24	4.244	4.183	4.260	VV	803	15208	0.38%	0.021%
25	4.276	4.260	4.301	VV	719	9827	0.25%	0.014%

rteres

26	4.312	4.301	4.323	VV	311	3045	0.08%	0.004%
27	4.336	4.323	4.356	VV	291	3570	0.09%	0.005%
28	4.386	4.356	4.407	VV	461	8243	0.21%	0.011%
29	4.423	4.407	4.439	VV	379	5735	0.14%	0.008%
30	4.469	4.439	4.499	VV	356966	3206163	81.05%	4.445%
31	4.514	4.499	4.532	VV	2017	22615	0.57%	0.031%
32	4.540	4.532	4.553	VV	489	5441	0.14%	0.008%
33	4.574	4.553	4.599	VV	602	11299	0.29%	0.016%
34	4.636	4.599	4.655	VV	957	18786	0.47%	0.026%
35	4.670	4.655	4.680	VV	686	7774	0.20%	0.011%
36	4.693	4.680	4.707	VV	1030	11605	0.29%	0.016%
37	4.723	4.707	4.741	VV	2125	21720	0.55%	0.030%
38	4.755	4.741	4.768	VV	781	8810	0.22%	0.012%
39	4.777	4.768	4.791	VV	607	6848	0.17%	0.009%
40	4.802	4.791	4.815	VV	527	6057	0.15%	0.008%
41	4.847	4.815	4.864	VV	614	11813	0.30%	0.016%
42	4.885	4.864	4.929	VV	835	15308	0.39%	0.021%
43	4.947	4.929	4.970	VV	1108	11159	0.28%	0.015%
44	4.996	4.970	5.014	VV	341	5957	0.15%	0.008%
45	5.022	5.014	5.049	VV	346	4608	0.12%	0.006%
46	5.078	5.049	5.091	PV	983	10702	0.27%	0.015%
47	5.105	5.091	5.134	VV	2331	27608	0.70%	0.038%
48	5.151	5.134	5.179	VV	859	14321	0.36%	0.020%
49	5.211	5.179	5.258	VV	800	15688	0.40%	0.022%
50	5.312	5.258	5.361	PV	359	11012	0.28%	0.015%
51	5.374	5.361	5.388	VV	289	3876	0.10%	0.005%
52	5.403	5.388	5.420	VV	560	7036	0.18%	0.010%
53	5.430	5.420	5.452	VV	276	4157	0.11%	0.006%
54	5.464	5.452	5.484	VV	211	2869	0.07%	0.004%
55	5.508	5.484	5.527	VV	5634	54960	1.39%	0.076%
56	5.544	5.527	5.566	VV	1187	16451	0.42%	0.023%
57	5.578	5.566	5.591	VV	270	2828	0.07%	0.004%
58	5.603	5.591	5.619	VV	198	1642	0.04%	0.002%
59	5.644	5.619	5.661	PV	107	1435	0.04%	0.002%
60	5.697	5.661	5.733	VV	1223	17913	0.45%	0.025%
61	5.755	5.733	5.772	VV	244	3778	0.10%	0.005%
62	5.795	5.772	5.838	VV	685	12411	0.31%	0.017%
63	5.858	5.838	5.874	VV	361	4350	0.11%	0.006%
64	5.886	5.874	5.893	VV	235	1737	0.04%	0.002%
65	5.920	5.893	5.948	VV	394	6770	0.17%	0.009%
66	5.965	5.948	5.990	VV	334	4301	0.11%	0.006%
67	6.033	5.990	6.048	VV	489	10930	0.28%	0.015%
68	6.067	6.048	6.088	VV	1389	17898	0.45%	0.025%
69	6.108	6.088	6.127	VV	943	11218	0.28%	0.016%

rteres

70	6.151	6.127	6.185	VV	1433	21742	0.55%	0.030%
71	6.212	6.185	6.231	VV	1250	16264	0.41%	0.023%
72	6.251	6.231	6.268	VV	413	7632	0.19%	0.011%
73	6.286	6.268	6.321	VV	572	14036	0.35%	0.019%
74	6.332	6.321	6.355	VV	455	7238	0.18%	0.010%
75	6.375	6.355	6.392	VV	500	7725	0.20%	0.011%
76	6.424	6.392	6.441	VV	635	12919	0.33%	0.018%
77	6.494	6.441	6.568	VV	359500	3593775	90.85%	4.982%
78	6.577	6.568	6.600	VV	543	8946	0.23%	0.012%
79	6.611	6.600	6.622	VV	443	5248	0.13%	0.007%
80	6.642	6.622	6.666	VV	1954	25333	0.64%	0.035%
81	6.682	6.666	6.704	VV	561	10973	0.28%	0.015%
82	6.717	6.704	6.744	VV	526	7257	0.18%	0.010%
83	6.765	6.744	6.794	VV	505	7911	0.20%	0.011%
84	6.822	6.794	6.848	VV	566	9177	0.23%	0.013%
85	6.894	6.848	6.921	VV	289	8129	0.21%	0.011%
86	6.937	6.921	6.954	PV	365	4928	0.12%	0.007%
87	6.960	6.954	6.972	VV	258	2323	0.06%	0.003%
88	6.993	6.972	7.031	VV	822	18150	0.46%	0.025%
89	7.052	7.031	7.084	VV	838	14271	0.36%	0.020%
90	7.116	7.084	7.138	VV	688	14965	0.38%	0.021%
91	7.154	7.138	7.175	VV	582	6786	0.17%	0.009%
92	7.198	7.175	7.242	VV	861	15298	0.39%	0.021%
93	7.279	7.242	7.320	VV	1190	20596	0.52%	0.029%
94	7.334	7.320	7.368	VV	315	6479	0.16%	0.009%
95	7.384	7.368	7.398	VV	553	6921	0.17%	0.010%
96	7.419	7.398	7.452	VV	3784	42809	1.08%	0.059%
97	7.484	7.452	7.498	VV	319	7296	0.18%	0.010%
98	7.511	7.498	7.531	VV	525	6952	0.18%	0.010%
99	7.595	7.531	7.657	VV	620	20403	0.52%	0.028%
100	7.683	7.657	7.704	PV	731	9488	0.24%	0.013%
101	7.718	7.704	7.744	VV	452	7406	0.19%	0.010%
102	7.763	7.744	7.784	VV	405	7449	0.19%	0.010%
103	7.808	7.784	7.832	VV	549	10021	0.25%	0.014%
104	7.851	7.832	7.864	VV	545	7800	0.20%	0.011%
105	7.875	7.864	7.920	VV	581	13918	0.35%	0.019%
106	7.942	7.920	7.961	VV	544	8889	0.22%	0.012%
107	7.987	7.961	8.011	VV	2249	31673	0.80%	0.044%
108	8.043	8.011	8.074	VV	1826	33228	0.84%	0.046%
109	8.081	8.074	8.094	VV	603	6614	0.17%	0.009%
110	8.113	8.094	8.131	VV	1165	17787	0.45%	0.025%
111	8.171	8.131	8.184	VV	882	23968	0.61%	0.033%
112	8.199	8.184	8.231	VV	1267	22858	0.58%	0.032%

rteres

113	8.294	8.231	8.331	VV	359295	3733300	94.38%	5.175%
114	8.340	8.331	8.365	VV	1436	22358	0.57%	0.031%
115	8.388	8.365	8.424	VV	1024	28841	0.73%	0.040%
116	8.458	8.424	8.508	VV	1151	43733	1.11%	0.061%
117	8.525	8.508	8.552	VV	959	18451	0.47%	0.026%
118	8.565	8.552	8.578	VV	556	8673	0.22%	0.012%
119	8.609	8.578	8.681	VV	4879	95251	2.41%	0.132%
120	8.698	8.681	8.711	VV	889	15425	0.39%	0.021%
121	8.756	8.711	8.771	VV	1176	34334	0.87%	0.048%
122	8.786	8.771	8.808	VV	1192	23304	0.59%	0.032%
123	8.829	8.808	8.874	VV	2304	53291	1.35%	0.074%
124	8.898	8.874	8.930	VV	1086	31316	0.79%	0.043%
125	9.014	8.930	9.034	VV	1832	74469	1.88%	0.103%
126	9.053	9.034	9.091	VV	1523	41456	1.05%	0.057%
127	9.116	9.091	9.180	VV	3171	84913	2.15%	0.118%
128	9.202	9.180	9.231	VV	1345	30854	0.78%	0.043%
129	9.250	9.231	9.264	VV	1168	19742	0.50%	0.027%
130	9.273	9.264	9.295	VV	1072	16614	0.42%	0.023%
131	9.355	9.295	9.388	VV	1211	55231	1.40%	0.077%
132	9.414	9.388	9.444	VV	1303	36298	0.92%	0.050%
133	9.489	9.444	9.522	VV	2276	65857	1.66%	0.091%
134	9.535	9.522	9.559	VV	1543	28095	0.71%	0.039%
135	9.573	9.559	9.601	VV	1244	27548	0.70%	0.038%
136	9.626	9.601	9.648	VV	1623	36532	0.92%	0.051%
137	9.675	9.648	9.701	VV	2932	52945	1.34%	0.073%
138	9.738	9.701	9.748	VV	1061	26655	0.67%	0.037%
139	9.765	9.748	9.780	VV	1005	17610	0.45%	0.024%
140	9.818	9.780	9.864	VV	1468	57871	1.46%	0.080%
141	9.898	9.864	9.974	VV	358015	3955674	100.00%	5.484%
142	9.983	9.974	9.994	VV	1364	15893	0.40%	0.022%
143	10.000	9.994	10.049	VV	1373	36543	0.92%	0.051%
144	10.069	10.049	10.096	VV	1136	28099	0.71%	0.039%
145	10.120	10.096	10.155	VV	1221	38055	0.96%	0.053%
146	10.175	10.155	10.194	VV	1182	24562	0.62%	0.034%
147	10.287	10.194	10.313	VV	2544	102793	2.60%	0.143%
148	10.337	10.313	10.356	VV	1698	36909	0.93%	0.051%
149	10.377	10.356	10.404	VV	1528	38019	0.96%	0.053%
150	10.432	10.404	10.467	VV	1480	47494	1.20%	0.066%
151	10.484	10.467	10.510	VV	1211	28541	0.72%	0.040%
152	10.535	10.510	10.551	VV	1536	33329	0.84%	0.046%
153	10.569	10.551	10.597	VV	1602	39403	1.00%	0.055%
154	10.636	10.597	10.678	VV	3802	91263	2.31%	0.127%
155	10.709	10.678	10.748	VV	3089	87999	2.22%	0.122%

rteres

156	10.754	10.748	10.790	VV	1791	39687	1.00%	0.055%
157	10.808	10.790	10.816	VV	1255	18712	0.47%	0.026%
158	10.855	10.816	10.871	VV	1430	42895	1.08%	0.059%
159	10.889	10.871	10.908	VV	1430	29464	0.74%	0.041%
160	10.916	10.908	10.938	VV	1315	22157	0.56%	0.031%
161	10.961	10.938	10.994	VV	1578	46442	1.17%	0.064%
162	11.030	10.994	11.046	VV	1611	46365	1.17%	0.064%
163	11.058	11.046	11.078	VV	1557	27362	0.69%	0.038%
164	11.092	11.078	11.111	VV	1481	25981	0.66%	0.036%
165	11.144	11.111	11.181	VV	2389	61965	1.57%	0.086%
166	11.199	11.181	11.221	VV	1241	28034	0.71%	0.039%
167	11.273	11.221	11.304	VV	2738	78586	1.99%	0.109%
168	11.343	11.304	11.400	VV	339026	3934574	99.47%	5.455%
169	11.433	11.400	11.479	VV	2977	78815	1.99%	0.109%
170	11.498	11.479	11.516	VV	1129	24064	0.61%	0.033%
171	11.641	11.516	11.679	VV	1540	114664	2.90%	0.159%
172	11.698	11.679	11.712	VV	1316	23787	0.60%	0.033%
173	11.737	11.712	11.765	VV	1528	41239	1.04%	0.057%
174	11.776	11.765	11.785	VV	1280	14688	0.37%	0.020%
175	11.803	11.785	11.813	VV	1413	21759	0.55%	0.030%
176	11.826	11.813	11.844	VV	1354	23181	0.59%	0.032%
177	11.853	11.844	11.879	VV	1274	23920	0.60%	0.033%
178	11.898	11.879	11.927	VV	1260	33086	0.84%	0.046%
179	11.945	11.927	11.959	VV	1301	22772	0.58%	0.032%
180	12.010	11.959	12.042	VV	3116	91255	2.31%	0.127%
181	12.055	12.042	12.078	VV	1220	23892	0.60%	0.033%
182	12.112	12.078	12.130	VV	1181	34610	0.87%	0.048%
183	12.143	12.130	12.194	VV	1178	41871	1.06%	0.058%
184	12.231	12.194	12.263	VV	1390	49579	1.25%	0.069%
185	12.288	12.263	12.335	VV	1275	49984	1.26%	0.069%
186	12.352	12.335	12.368	VV	1159	20119	0.51%	0.028%
187	12.388	12.368	12.401	VV	1139	21438	0.54%	0.030%
188	12.421	12.401	12.450	VV	1195	33219	0.84%	0.046%
189	12.477	12.450	12.498	VV	2041	43204	1.09%	0.060%
190	12.513	12.498	12.558	VV	1317	37699	0.95%	0.052%
191	12.591	12.558	12.613	VV	1563	38845	0.98%	0.054%
192	12.655	12.613	12.697	VV	324566	3865489	97.72%	5.359%
193	12.711	12.697	12.732	VV	1012	19633	0.50%	0.027%
194	12.773	12.732	12.825	VV	1041	48052	1.21%	0.067%
195	12.844	12.825	12.861	VV	774	15171	0.38%	0.021%
196	12.874	12.861	12.887	VV	706	10447	0.26%	0.014%
197	12.917	12.887	12.961	VV	875	35652	0.90%	0.049%
198	12.980	12.961	12.998	VV	820	16527	0.42%	0.023%
199	13.050	12.998	13.064	VV	924	32226	0.81%	0.045%

rteres

200	13.102	13.064	13.138	VV	299842	3481679	88.02%	4.827%
201	13.150	13.138	13.188	VV	977	26223	0.66%	0.036%
202	13.209	13.188	13.227	VV	924	18901	0.48%	0.026%
203	13.268	13.227	13.308	VV	304225	3677413	92.97%	5.098%
204	13.320	13.308	13.422	VV	881	49459	1.25%	0.069%
205	13.438	13.422	13.449	VV	716	10357	0.26%	0.014%
206	13.494	13.449	13.520	VV	814	30022	0.76%	0.042%
207	13.540	13.520	13.591	VV	828	29833	0.75%	0.041%
208	13.612	13.591	13.625	VV	763	13040	0.33%	0.018%
209	13.644	13.625	13.671	VV	1029	20856	0.53%	0.029%
210	13.694	13.671	13.741	VV	1220	33148	0.84%	0.046%
211	13.754	13.741	13.776	VV	653	12188	0.31%	0.017%
212	13.802	13.776	13.818	VV	1026	19307	0.49%	0.027%
213	13.855	13.818	13.900	VV	294927	3580283	90.51%	4.963%
214	13.909	13.900	13.925	VV	629	8220	0.21%	0.011%
215	13.940	13.925	13.973	VV	538	12784	0.32%	0.018%
216	13.990	13.973	14.033	VV	536	14246	0.36%	0.020%
217	14.082	14.033	14.134	VV	573	27006	0.68%	0.037%
218	14.183	14.134	14.201	VV	520	15304	0.39%	0.021%
219	14.219	14.201	14.237	VV	408	7922	0.20%	0.011%
220	14.245	14.237	14.253	VV	442	3979	0.10%	0.006%
221	14.291	14.253	14.354	VV	1357	34183	0.86%	0.047%
222	14.369	14.354	14.391	VV	459	8038	0.20%	0.011%
223	14.416	14.391	14.454	VV	2255	33243	0.84%	0.046%
224	14.475	14.454	14.528	VV	353	13219	0.33%	0.018%
225	14.541	14.528	14.574	VV	468	10223	0.26%	0.014%
226	14.584	14.574	14.608	VV	299	5447	0.14%	0.008%
227	14.619	14.608	14.631	VV	348	4052	0.10%	0.006%
228	14.634	14.631	14.659	VV	316	4503	0.11%	0.006%
229	14.669	14.659	14.688	VV	317	4582	0.12%	0.006%
230	14.698	14.688	14.746	VV	340	8985	0.23%	0.012%
231	14.765	14.746	14.786	VV	316	5619	0.14%	0.008%
232	14.810	14.786	14.838	VV	379	8511	0.22%	0.012%
233	14.854	14.838	14.868	VV	209	2969	0.08%	0.004%
234	14.913	14.868	14.921	VV	564	9146	0.23%	0.013%
235	14.961	14.921	15.034	VV	270933	3449999	87.22%	4.783%
236	15.037	15.034	15.045	VV	152	750	0.02%	0.001%
237	15.071	15.045	15.081	VV	204	3275	0.08%	0.005%
238	15.092	15.081	15.138	VV	129	4209	0.11%	0.006%
239	15.147	15.138	15.177	VV	173	3225	0.08%	0.004%
240	15.195	15.177	15.238	VV	192	4572	0.12%	0.006%
241	15.241	15.238	15.249	VV	142	708	0.02%	0.001%
242	15.292	15.249	15.321	VV	240	5241	0.13%	0.007%

rteres

243	15.352	15.321	15.378	VV	232	4799	0.12%	0.007%
244	15.384	15.378	15.415	VV	141	1943	0.05%	0.003%
245	15.434	15.415	15.444	VV	99	1409	0.04%	0.002%
246	15.478	15.444	15.511	VV	3483	45734	1.16%	0.063%
247	15.524	15.511	15.578	VV	155	3195	0.08%	0.004%
248	15.582	15.578	15.601	VV	126	581	0.01%	0.001%
249	15.629	15.601	15.644	VV	113	1643	0.04%	0.002%
250	15.654	15.644	15.682	VV	137	1767	0.04%	0.002%
251	15.697	15.682	15.720	VV	139	1466	0.04%	0.002%
252	15.732	15.720	15.761	VV	136	1929	0.05%	0.003%
253	15.804	15.761	15.830	VV	300	6531	0.17%	0.009%
254	15.854	15.830	15.891	VV	239	5474	0.14%	0.008%
255	15.982	15.891	16.068	VV	243541	3287031	83.10%	4.557%
256	16.075	16.068	16.134	VV	116	2459	0.06%	0.003%
257	16.153	16.134	16.171	VV	102	1730	0.04%	0.002%
258	16.179	16.171	16.194	VV	129	1371	0.03%	0.002%
259	16.231	16.194	16.254	PV	105	2525	0.06%	0.004%
260	16.290	16.254	16.312	VV	263	4864	0.12%	0.007%
261	16.341	16.312	16.389	VV	205	6073	0.15%	0.008%
262	16.464	16.389	16.520	PV	3562	54373	1.37%	0.075%
263	16.538	16.520	16.564	VV	130	1936	0.05%	0.003%
264	16.639	16.564	16.664	VV	199	6665	0.17%	0.009%
265	16.713	16.664	16.721	VV	178	4144	0.10%	0.006%
266	16.761	16.721	16.791	VV	286	6466	0.16%	0.009%
267	16.813	16.791	16.848	VV	388	6925	0.18%	0.010%
268	16.934	16.848	16.997	VV	233576	3150818	79.65%	4.368%
269	17.029	16.997	17.113	VV	143	6568	0.17%	0.009%
270	17.147	17.113	17.247	VV	222	9691	0.24%	0.013%
271	17.274	17.247	17.298	PV	220	3990	0.10%	0.006%
272	17.381	17.298	17.417	VV	3749	58578	1.48%	0.081%
273	17.427	17.417	17.447	VV	95	1119	0.03%	0.002%
274	17.510	17.447	17.535	PV	239	5854	0.15%	0.008%
275	17.612	17.535	17.634	VV	146	5438	0.14%	0.008%
276	17.711	17.634	17.748	VV	2030	33903	0.86%	0.047%
277	17.823	17.748	17.864	VV	233764	3096961	78.29%	4.293%
278	17.909	17.864	17.934	VV	114	2959	0.07%	0.004%
279	17.978	17.934	18.030	VV	442	12359	0.31%	0.017%
280	18.041	18.030	18.060	VV	163	1849	0.05%	0.003%
281	18.091	18.060	18.114	VV	313	5290	0.13%	0.007%
282	18.138	18.114	18.158	VV	193	3023	0.08%	0.004%
283	18.242	18.158	18.280	PV	4012	60492	1.53%	0.084%
284	18.308	18.280	18.318	PV	162	2490	0.06%	0.003%
285	18.345	18.318	18.371	VV	434	7930	0.20%	0.011%

rteres

286	18.509	18.371	18.531	VV	273	10367	0.26%	0.014%
287	18.556	18.531	18.571	VV	234	3534	0.09%	0.005%
288	18.656	18.571	18.708	VV	206769	3040755	76.87%	4.215%
289	18.762	18.708	18.791	PV	226	4526	0.11%	0.006%
290	18.821	18.791	18.844	VV	207	4045	0.10%	0.006%
291	18.907	18.844	18.934	VV	274	6762	0.17%	0.009%
292	18.983	18.934	18.996	VV	292	6958	0.18%	0.010%
293	19.051	18.996	19.130	VV	3473	63591	1.61%	0.088%
294	19.172	19.130	19.182	VV	440	10183	0.26%	0.014%
295	19.189	19.182	19.195	VV	378	2681	0.07%	0.004%
296	19.305	19.195	19.327	VV	645	38524	0.97%	0.053%
297	19.441	19.327	19.508	VV	206432	3054557	77.22%	4.235%
298	19.728	19.508	19.760	VV	1463	168497	4.26%	0.234%
299	19.816	19.760	19.845	VV	3297	98696	2.50%	0.137%
300	20.088	19.845	20.111	VV	2822	329563	8.33%	0.457%
301	20.183	20.111	20.226	VV	190580	3051140	77.13%	4.230%
302	20.454	20.226	20.518	VV	6304	741962	18.76%	1.029%
303	20.541	20.518	20.600	VV	5169	208750	5.28%	0.289%
304	20.730	20.600	20.771	VV	3851	383510	9.70%	0.532%
305	20.822	20.771	20.888	VV	3540	239497	6.05%	0.332%
306	20.948	20.888	21.001	VV	157073	2995827	75.73%	4.153%
307	21.019	21.001	21.030	VV	2779	47604	1.20%	0.066%
308	21.046	21.030	21.108	VV	2712	122052	3.09%	0.169%
309	21.118	21.108	21.193	VV	2529	124185	3.14%	0.172%
310	21.203	21.193	21.258	VV	2303	83180	2.10%	0.115%
311	21.280	21.258	21.298	VV	2039	48509	1.23%	0.067%
312	21.309	21.298	21.350	VV	1956	58593	1.48%	0.081%
313	21.394	21.350	21.511	VV	2293	169207	4.28%	0.235%
314	21.563	21.511	21.605	VV	1363	74168	1.87%	0.103%
315	21.613	21.605	21.647	VV	1180	28554	0.72%	0.040%
316	21.657	21.647	21.701	VV	1128	33016	0.83%	0.046%
317	21.722	21.701	21.735	VV	958	18102	0.46%	0.025%
318	21.786	21.735	21.804	VV	768	32265	0.82%	0.045%
319	21.911	21.804	22.048	VV	109398	2702621	68.32%	3.747%
			Sum of corrected areas:			72134186		

Aliphatic EPH 080125.M Wed Aug 13 05:16:13 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049622.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 16:32
Operator : YP/AJ
Sample : Q2743-01MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WC1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 00:30:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
4) S	2-Bromonaphthalene (S...	7.716	5117515	49.933 ug/ml
Spiked Amount	50.000		Recovery =	99.87%
6) S	2-Flurobiphenyl (SURR)	8.582	3645141	49.902 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	99.80%
11) S	ortho-Terphenyl (SURR)	11.626	4308988	33.198 ug/ml
Spiked Amount	50.000		Recovery =	66.40%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.507	3175919	31.376 ug/ml
2) T	Naphthalene (C11.7)	6.050	3854419	33.616 ug/ml
3) T	2-Methylnaphthalene (...	7.104	3830750	32.112 ug/ml
5) T	Acenaphthylene (C15.06)	8.384	4540202	36.116 ug/ml
7) T	Acenaphthene (C15.5)	8.681	4547311	36.166 ug/ml
8) T	Flouorene (C16.55)	9.462	4861714	38.399 ug/ml
9) T	Phenanthrene (C19.36)	10.861	5344860	41.376 ug/ml
10) T	Anthracene (C19.43)	10.937	5079066	41.228 ug/ml
12) T	Fluoranthene (C21.85)	12.677	5758653	44.984 ug/ml
13) T	Pyrene (C20.8)	12.976	5704930	44.933 ug/ml
14) T	Benzo[a]anthracene (C...	14.848	5197374	45.040 ug/ml
15) T	Chrysene (C27.41)	14.892	5761296	49.207 ug/ml
16) T	benzo[b]fluoranthene ...	16.400	5053964	44.437 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.434	4721146	44.103 ug/mlm
18) T	Benzo[a]pyrene (C31.34)	16.780	4757245	42.883 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.146	4792228	46.491 ug/ml
20) T	Dibenz[a,h]anthracene...	18.183	4275922	39.229 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.401	4163601	38.102 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

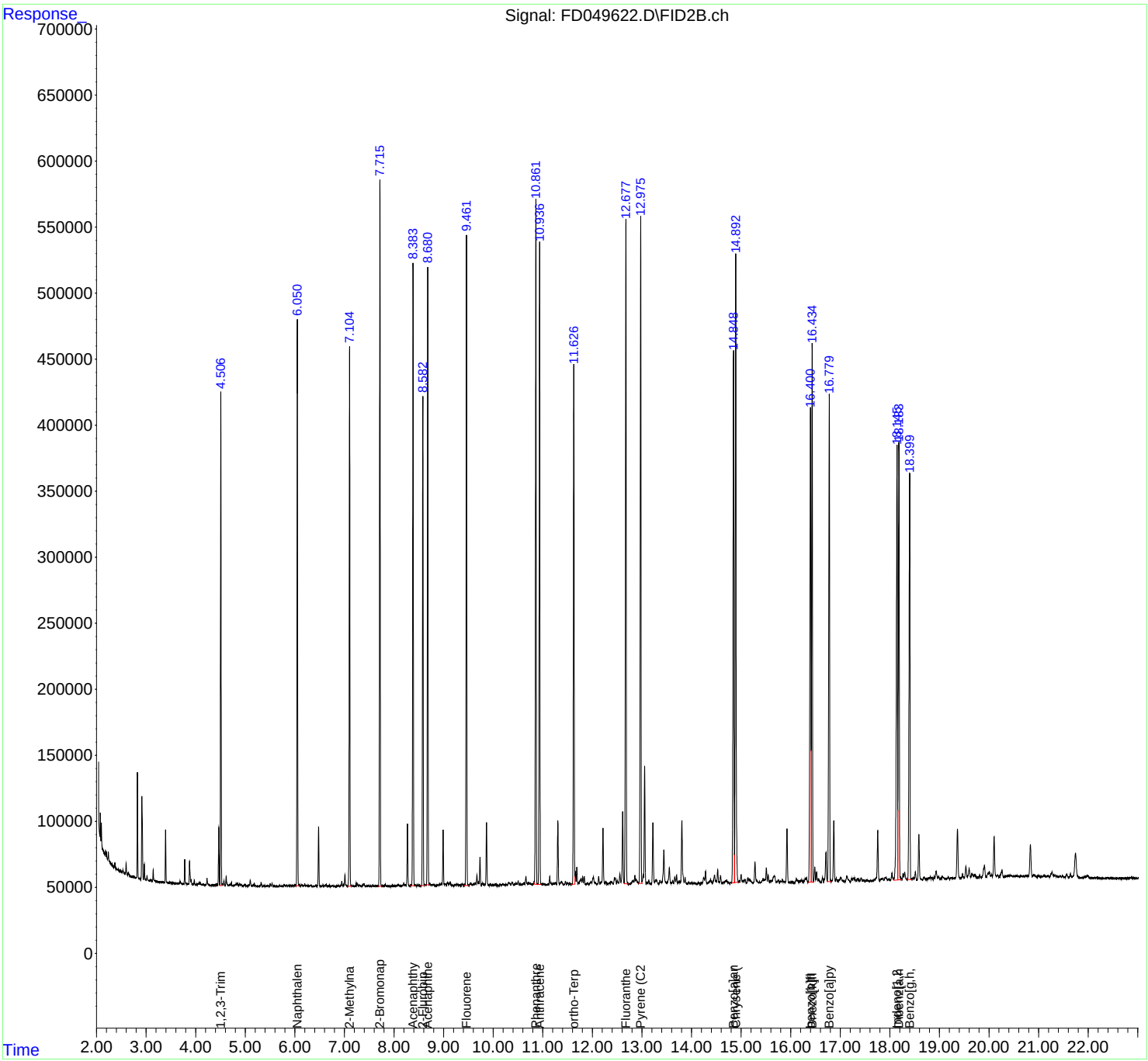
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049622.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 16:32
Operator : YP/AJ
Sample : Q2743-01MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
WC1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 00:30:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm



Instrument :
FID_D
ClientSampleId :
WC1MSD

rteres

Area Percent

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Da
Data File : FD049622.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 16:32
Sample : Q2743-01MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.263	4.252	4.280	BV	440	3052	0.05%	0.003%
2	4.323	4.319	4.335	VV	268	1686	0.03%	0.001%
3	4.358	4.335	4.381	PV	425	5732	0.10%	0.005%
4	4.396	4.381	4.406	VV	598	5954	0.10%	0.005%
5	4.420	4.406	4.437	VV	1293	12927	0.22%	0.011%
6	4.465	4.437	4.485	PV	44260	394837	6.80%	0.335%
7	4.507	4.485	4.531	VV	374077	3178372	54.73%	2.697%
8	4.539	4.531	4.554	VV	1604	15697	0.27%	0.013%
9	4.570	4.554	4.597	VV	3730	41373	0.71%	0.035%
10	4.615	4.597	4.659	VV	7210	84278	1.45%	0.072%
11	4.690	4.659	4.703	VV	1438	18572	0.32%	0.016%
12	4.720	4.703	4.745	VV	2197	22300	0.38%	0.019%
13	4.770	4.745	4.787	VV	542	8185	0.14%	0.007%
14	4.798	4.787	4.807	VV	1247	10434	0.18%	0.009%
15	4.819	4.807	4.829	VV	1690	15435	0.27%	0.013%
16	4.845	4.829	4.862	VV	2597	28050	0.48%	0.024%
17	4.883	4.862	4.902	VV	1977	24741	0.43%	0.021%
18	4.917	4.902	4.952	VV	1464	19754	0.34%	0.017%
19	4.971	4.952	4.984	PV	638	6568	0.11%	0.006%
20	4.996	4.984	5.019	VV	1676	17470	0.30%	0.015%
21	5.024	5.019	5.030	VV	331	1940	0.03%	0.002%
22	5.037	5.030	5.049	VV	251	2183	0.04%	0.002%
23	5.074	5.049	5.081	VV	974	9983	0.17%	0.008%
24	5.101	5.081	5.134	VV	4224	57019	0.98%	0.048%
25	5.138	5.134	5.141	VV	297	1140	0.02%	0.001%

Page 1

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Instrument :
FID_D
ClientSampleId :
WC1MSD

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

26	5.159	5.141	5.171	VV	1680	16724	0.29%	0.014%
27	5.184	5.171	5.254	VV	1851			
28	5.289	5.280	5.305	VV	496			
29	5.319	5.305	5.351	VV	3100			
30	5.374	5.351	5.387	VV	779			
31	5.395	5.387	5.407	VV	578	4822	0.08%	0.004%
32	5.438	5.407	5.447	PV	366	4773	0.08%	0.004%
33	5.451	5.447	5.482	VV	483	6066	0.10%	0.005%
34	5.502	5.482	5.522	PV	2208	23246	0.40%	0.020%
35	5.540	5.522	5.565	VV	2032	24272	0.42%	0.021%
36	5.573	5.565	5.584	VV	318	2584	0.04%	0.002%
37	5.598	5.584	5.631	VV	445	5558	0.10%	0.005%
38	5.653	5.631	5.669	VV	219	2845	0.05%	0.002%
39	5.689	5.669	5.706	VV	744	8903	0.15%	0.008%
40	5.717	5.706	5.729	VV	463	3976	0.07%	0.003%
41	5.744	5.729	5.762	VV	447	5776	0.10%	0.005%
42	5.786	5.762	5.821	VV	1239	23862	0.41%	0.020%
43	5.840	5.821	5.859	VV	807	10466	0.18%	0.009%
44	5.875	5.859	5.885	VV	946	9547	0.16%	0.008%
45	5.890	5.885	5.906	VV	695	6797	0.12%	0.006%
46	5.923	5.906	5.940	VV	726	10205	0.18%	0.009%
47	5.954	5.940	5.975	VV	1099	12197	0.21%	0.010%
48	6.007	5.975	6.025	VV	1187	20970	0.36%	0.018%
49	6.050	6.025	6.087	VV	429809	3877924	66.78%	3.291%
50	6.098	6.087	6.119	VV	1333	15136	0.26%	0.013%
51	6.140	6.119	6.168	VV	1628	22274	0.38%	0.019%
52	6.201	6.168	6.240	VV	1489	32661	0.56%	0.028%
53	6.271	6.240	6.290	VV	749	16060	0.28%	0.014%
54	6.324	6.290	6.345	VV	911	19855	0.34%	0.017%
55	6.350	6.345	6.372	VV	417	4247	0.07%	0.004%
56	6.394	6.372	6.401	VV	343	3544	0.06%	0.003%
57	6.421	6.401	6.447	VV	706	11682	0.20%	0.010%
58	6.480	6.447	6.533	VV	45603	452320	7.79%	0.384%
59	6.538	6.533	6.545	VV	328	1510	0.03%	0.001%
60	6.564	6.545	6.582	VV	772	9954	0.17%	0.008%
61	6.599	6.582	6.614	VV	789	8241	0.14%	0.007%
62	6.629	6.614	6.647	VV	1532	15194	0.26%	0.013%
63	6.667	6.647	6.689	VV	485	8279	0.14%	0.007%
64	6.703	6.689	6.720	VV	715	7283	0.13%	0.006%
65	6.729	6.720	6.734	VV	256	1645	0.03%	0.001%
66	6.759	6.734	6.790	VV	795	12958	0.22%	0.011%
67	6.804	6.790	6.830	VV	443	5988	0.10%	0.005%
68	6.838	6.830	6.847	VV	383	3069	0.05%	0.003%
69	6.883	6.847	6.904	VV	907	17226	0.30%	0.015%

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70	6.921	6.904	6.932	VV	808	9663	0.17%	0.008%
71	6.947	6.932	6.965	VV	4036			
72	6.977	6.965	6.987	VV	1308			
73	7.011	6.987	7.029	VV	9039			
74	7.038	7.029	7.063	VV	1332			
75	7.104	7.063	7.163	PV	409029	3855907	66.40%	3.272%
76	7.170	7.163	7.179	VV	535	4139	0.07%	0.004%
77	7.186	7.179	7.194	VV	592	4310	0.07%	0.004%
78	7.197	7.194	7.200	VV	490	1745	0.03%	0.001%
79	7.205	7.200	7.214	VV	559	3734	0.06%	0.003%
80	7.219	7.214	7.223	VV	426	1879	0.03%	0.002%
81	7.239	7.223	7.254	VV	2837	31660	0.55%	0.027%
82	7.263	7.254	7.285	VV	2283	24882	0.43%	0.021%
83	7.296	7.285	7.310	VV	1488	14760	0.25%	0.013%
84	7.320	7.310	7.342	VV	1082	12753	0.22%	0.011%
85	7.345	7.342	7.349	VV	429	1536	0.03%	0.001%
86	7.353	7.349	7.357	VV	338	1503	0.03%	0.001%
87	7.370	7.357	7.379	VV	1246	11681	0.20%	0.010%
88	7.399	7.379	7.429	VV	2171	33500	0.58%	0.028%
89	7.462	7.429	7.479	VV	784	17209	0.30%	0.015%
90	7.492	7.479	7.515	VV	1080	13147	0.23%	0.011%
91	7.519	7.515	7.524	VV	253	1183	0.02%	0.001%
92	7.540	7.524	7.545	VV	446	4153	0.07%	0.004%
93	7.553	7.545	7.556	VV	378	2340	0.04%	0.002%
94	7.580	7.556	7.591	VV	944	11983	0.21%	0.010%
95	7.597	7.591	7.607	VV	440	3873	0.07%	0.003%
96	7.627	7.607	7.644	VV	681	10541	0.18%	0.009%
97	7.663	7.644	7.682	VV	1123	12240	0.21%	0.010%
98	7.716	7.682	7.770	VV	535806	5132210	88.37%	4.356%
99	7.827	7.770	7.846	VV	1540	35345	0.61%	0.030%
100	7.851	7.846	7.854	VV	484	2010	0.03%	0.002%
101	7.857	7.854	7.863	VV	428	1984	0.03%	0.002%
102	7.875	7.863	7.909	VV	626	11676	0.20%	0.010%
103	7.917	7.909	7.937	VV	622	5195	0.09%	0.004%
104	7.967	7.945	8.000	VV	898	18374	0.32%	0.016%
105	8.008	8.000	8.019	VV	852	6395	0.11%	0.005%
106	8.030	8.019	8.037	VV	628	6105	0.11%	0.005%
107	8.058	8.037	8.063	VV	770	10198	0.18%	0.009%
108	8.079	8.063	8.088	VV	1610	18149	0.31%	0.015%
109	8.095	8.088	8.112	VV	1606	16907	0.29%	0.014%
110	8.118	8.112	8.139	VV	689	8376	0.14%	0.007%
111	8.198	8.139	8.215	VV	2851	51050	0.88%	0.043%
112	8.225	8.215	8.241	VV	1654	18218	0.31%	0.015%

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113	8.271	8.241	8.298	VV	47700	492121	8.47%	0.418%
114	8.306	8.298	8.325	VV	803			
115	8.330	8.325	8.340	VV	708			
116	8.384	8.340	8.431	VV	471470	4		
117	8.438	8.431	8.450	VV	837			
118	8.466	8.450	8.485	VV	1038	15600	0.27%	0.013%
119	8.506	8.485	8.534	VV	1134	20878	0.36%	0.018%
120	8.582	8.534	8.615	VV	371530	3678127	63.34%	3.122%
121	8.634	8.615	8.650	VV	1371	23524	0.41%	0.020%
122	8.681	8.650	8.706	VV	468308	4587006	78.99%	3.893%
123	8.722	8.706	8.743	VV	2613	38295	0.66%	0.033%
124	8.757	8.743	8.773	VV	1217	17048	0.29%	0.014%
125	8.792	8.773	8.813	VV	1461	25086	0.43%	0.021%
126	8.821	8.813	8.850	VV	814	13508	0.23%	0.011%
127	8.891	8.850	8.902	VV	1093	23168	0.40%	0.020%
128	8.917	8.902	8.934	VV	1470	20360	0.35%	0.017%
129	8.950	8.934	8.967	VV	2153	29631	0.51%	0.025%
130	8.990	8.967	9.022	VV	42630	444366	7.65%	0.377%
131	9.035	9.022	9.056	VV	1495	26034	0.45%	0.022%
132	9.074	9.056	9.099	VV	2436	46120	0.79%	0.039%
133	9.125	9.099	9.136	VV	2380	42627	0.73%	0.036%
134	9.142	9.136	9.165	VV	2067	21945	0.38%	0.019%
135	9.180	9.165	9.201	VV	823	11888	0.20%	0.010%
136	9.238	9.201	9.255	VV	1231	21385	0.37%	0.018%
137	9.272	9.255	9.302	VV	1861	28390	0.49%	0.024%
138	9.320	9.302	9.341	VV	1006	15922	0.27%	0.014%
139	9.376	9.341	9.404	VV	1633	30365	0.52%	0.026%
140	9.462	9.404	9.508	VV	492871	4890668	84.21%	4.151%
141	9.533	9.508	9.545	VV	1846	25599	0.44%	0.022%
142	9.557	9.545	9.574	VV	2186	26891	0.46%	0.023%
143	9.608	9.574	9.621	VV	1304	27664	0.48%	0.023%
144	9.638	9.621	9.655	VV	2660	34727	0.60%	0.029%
145	9.672	9.655	9.690	VV	8201	93936	1.62%	0.080%
146	9.705	9.690	9.715	VV	3041	37773	0.65%	0.032%
147	9.735	9.715	9.760	VV	21853	226387	3.90%	0.192%
148	9.780	9.760	9.817	VV	1883	38354	0.66%	0.033%
149	9.831	9.817	9.842	VV	973	12638	0.22%	0.011%
150	9.866	9.842	9.923	VV	47956	543381	9.36%	0.461%
151	9.941	9.923	9.962	VV	1223	17700	0.30%	0.015%
152	9.980	9.962	10.009	VV	757	12901	0.22%	0.011%
153	10.012	10.009	10.022	VV	346	2349	0.04%	0.002%
154	10.038	10.022	10.051	VV	937	11457	0.20%	0.010%
155	10.061	10.051	10.085	VV	1142	13990	0.24%	0.012%

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156	10.094	10.085	10.117	VV	536	6620	0.11%	0.006%
157	10.143	10.117	10.160	VV	1059			
158	10.195	10.160	10.242	VV	1101			
159	10.261	10.242	10.278	VV	973			
160	10.314	10.278	10.330	VV	2152			
161	10.336	10.330	10.357	VV	1589	18687	0.32%	0.016%
162	10.380	10.357	10.428	VV	2630	58461	1.01%	0.050%
163	10.454	10.428	10.480	VV	1824	35184	0.61%	0.030%
164	10.504	10.480	10.530	VV	3277	52203	0.90%	0.044%
165	10.534	10.530	10.538	VV	787	3714	0.06%	0.003%
166	10.555	10.538	10.570	VV	985	15152	0.26%	0.013%
167	10.622	10.570	10.639	VV	2234	51625	0.89%	0.044%
168	10.661	10.639	10.700	VV	6886	110494	1.90%	0.094%
169	10.708	10.700	10.715	VV	1673	13806	0.24%	0.012%
170	10.732	10.715	10.747	VV	1879	31316	0.54%	0.027%
171	10.758	10.747	10.772	VV	1424	16642	0.29%	0.014%
172	10.800	10.772	10.807	VV	1412	20831	0.36%	0.018%
173	10.825	10.807	10.830	VV	3086	29981	0.52%	0.025%
174	10.861	10.830	10.902	VV	520100	5380976	92.66%	4.567%
175	10.937	10.902	10.967	VV	486386	5108720	87.97%	4.336%
176	10.976	10.967	10.996	VV	898	13733	0.24%	0.012%
177	11.012	10.996	11.019	VV	1056	12097	0.21%	0.010%
178	11.032	11.019	11.073	VV	1089	21044	0.36%	0.018%
179	11.085	11.073	11.096	VV	596	6461	0.11%	0.005%
180	11.109	11.096	11.117	VV	732	7114	0.12%	0.006%
181	11.140	11.117	11.159	VV	6517	74906	1.29%	0.064%
182	11.165	11.159	11.185	VV	1662	17077	0.29%	0.014%
183	11.214	11.185	11.227	VV	1553	27394	0.47%	0.023%
184	11.246	11.227	11.277	VV	1884	40670	0.70%	0.035%
185	11.305	11.277	11.339	VV	48792	556096	9.58%	0.472%
186	11.379	11.339	11.415	VV	2635	75885	1.31%	0.064%
187	11.420	11.415	11.425	VV	359	1765	0.03%	0.001%
188	11.457	11.425	11.477	VV	2698	38005	0.65%	0.032%
189	11.505	11.477	11.525	VV	1884	31717	0.55%	0.027%
190	11.544	11.525	11.568	VV	1412	21295	0.37%	0.018%
191	11.626	11.568	11.648	VV	395514	4340450	74.74%	3.684%
192	11.657	11.648	11.671	VV	10159	96950	1.67%	0.082%
193	11.686	11.671	11.709	VV	13404	151522	2.61%	0.129%
194	11.719	11.709	11.727	VV	1325	13169	0.23%	0.011%
195	11.754	11.727	11.759	VV	3527	45458	0.78%	0.039%
196	11.772	11.759	11.789	VV	4920	65388	1.13%	0.055%
197	11.805	11.789	11.822	VV	6173	75745	1.30%	0.064%
198	11.837	11.822	11.865	VV	6230	77512	1.33%	0.066%
199	11.881	11.865	11.885	VV	812	7897	0.14%	0.007%

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200	11.900	11.885	11.926	VV	1511	25695	0.44%	0.022%
201	11.973	11.926	11.986	VV	2341			
202	12.022	11.986	12.053	VV	6115			
203	12.060	12.053	12.083	VV	1783			
204	12.092	12.083	12.105	VV	695			
205	12.127	12.105	12.148	VV	6227	79781	1.37%	0.068%
206	12.158	12.148	12.164	VV	1460	13049	0.22%	0.011%
207	12.179	12.164	12.185	VV	1852	21154	0.36%	0.018%
208	12.215	12.185	12.255	VV	42971	527800	9.09%	0.448%
209	12.272	12.255	12.294	VV	1966	33673	0.58%	0.029%
210	12.299	12.294	12.322	VV	928	13246	0.23%	0.011%
211	12.335	12.322	12.344	VV	1115	12880	0.22%	0.011%
212	12.354	12.344	12.361	VV	1472	12912	0.22%	0.011%
213	12.376	12.361	12.389	VV	1925	27072	0.47%	0.023%
214	12.399	12.389	12.424	VV	2314	31437	0.54%	0.027%
215	12.446	12.424	12.455	VV	5183	59946	1.03%	0.051%
216	12.464	12.455	12.487	VV	4902	65129	1.12%	0.055%
217	12.503	12.487	12.534	VV	3408	55651	0.96%	0.047%
218	12.555	12.534	12.576	VV	8156	110848	1.91%	0.094%
219	12.612	12.576	12.640	VV	55395	687173	11.83%	0.583%
220	12.677	12.640	12.732	VV	504278	5791322	99.72%	4.915%
221	12.738	12.732	12.756	VV	511	6603	0.11%	0.006%
222	12.806	12.756	12.817	VV	3038	51907	0.89%	0.044%
223	12.831	12.817	12.841	VV	3306	36832	0.63%	0.031%
224	12.858	12.841	12.874	VV	7088	87689	1.51%	0.074%
225	12.885	12.874	12.923	VV	3895	73190	1.26%	0.062%
226	12.976	12.923	12.999	VV	506504	5744618	98.92%	4.875%
227	13.024	12.999	13.032	VV	6930	85581	1.47%	0.073%
228	13.055	13.032	13.089	VV	89666	1037510	17.87%	0.881%
229	13.107	13.089	13.121	VV	1414	21215	0.37%	0.018%
230	13.139	13.121	13.159	VV	2987	37236	0.64%	0.032%
231	13.175	13.159	13.194	VV	723	8732	0.15%	0.007%
232	13.222	13.194	13.259	VV	46846	608929	10.49%	0.517%
233	13.275	13.259	13.285	VV	3104	39972	0.69%	0.034%
234	13.297	13.285	13.344	VV	3228	50722	0.87%	0.043%
235	13.364	13.344	13.382	VV	3023	38223	0.66%	0.032%
236	13.396	13.382	13.403	VV	1720	18378	0.32%	0.016%
237	13.443	13.403	13.495	VV	26047	414120	7.13%	0.351%
238	13.553	13.495	13.592	VV	12511	225161	3.88%	0.191%
239	13.598	13.592	13.604	VV	882	5975	0.10%	0.005%
240	13.622	13.604	13.640	VV	2716	33436	0.58%	0.028%
241	13.662	13.640	13.683	VV	5472	79563	1.37%	0.068%
242	13.700	13.683	13.723	VV	6852	84585	1.46%	0.072%

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243	13.752	13.723	13.774	VV	2220	45633	0.79%	0.039%
244	13.806	13.774	13.852	VV	47606	[illegible]		
245	13.871	13.852	13.920	VV	4843			
246	13.945	13.920	13.965	VV	1443			
247	13.982	13.965	13.998	VV	882	[illegible]		
248	14.007	13.998	14.024	VV	845	8736	0.15%	0.007%
249	14.042	14.024	14.062	VV	725	13660	0.24%	0.012%
250	14.064	14.062	14.075	VV	747	4946	0.09%	0.004%
251	14.079	14.075	14.121	VV	708	8263	0.14%	0.007%
252	14.137	14.121	14.178	VV	1022	16418	0.28%	0.014%
253	14.193	14.178	14.207	VV	973	10509	0.18%	0.009%
254	14.245	14.207	14.265	VV	5048	89572	1.54%	0.076%
255	14.283	14.265	14.318	VV	9525	125906	2.17%	0.107%
256	14.365	14.318	14.377	VV	2234	43060	0.74%	0.037%
257	14.390	14.377	14.420	VV	2672	43419	0.75%	0.037%
258	14.464	14.420	14.507	VV	6611	148426	2.56%	0.126%
259	14.528	14.507	14.550	VV	10781	137925	2.38%	0.117%
260	14.559	14.550	14.566	VV	1253	11021	0.19%	0.009%
261	14.586	14.566	14.622	VV	6134	84465	1.45%	0.072%
262	14.652	14.622	14.666	VV	1337	23254	0.40%	0.020%
263	14.693	14.666	14.698	VV	2169	31549	0.54%	0.027%
264	14.711	14.698	14.737	VV	2449	41342	0.71%	0.035%
265	14.742	14.737	14.768	VV	1064	10974	0.19%	0.009%
266	14.792	14.768	14.806	PV	1344	14757	0.25%	0.013%
267	14.848	14.806	14.867	VV	405181	5218271	89.86%	4.429%
268	14.892	14.867	14.947	VV	476087	5807372	100.00%	4.929%
269	14.952	14.947	14.960	VV	1433	10215	0.18%	0.009%
270	14.971	14.960	14.977	VV	1651	15131	0.26%	0.013%
271	15.000	14.977	15.028	VV	6823	112207	1.93%	0.095%
272	15.042	15.028	15.060	VV	1984	33714	0.58%	0.029%
273	15.077	15.060	15.109	VV	3236	50700	0.87%	0.043%
274	15.136	15.109	15.163	VV	4221	82543	1.42%	0.070%
275	15.176	15.163	15.244	VV	3279	73378	1.26%	0.062%
276	15.280	15.244	15.309	VV	16258	234131	4.03%	0.199%
277	15.314	15.309	15.361	VV	1993	34352	0.59%	0.029%
278	15.378	15.361	15.390	VV	877	12860	0.22%	0.011%
279	15.396	15.390	15.400	VV	807	4311	0.07%	0.004%
280	15.443	15.400	15.457	VV	3653	68933	1.19%	0.059%
281	15.467	15.457	15.479	VV	2745	32958	0.57%	0.028%
282	15.509	15.479	15.529	VV	11517	167539	2.88%	0.142%
283	15.546	15.529	15.575	VV	6403	90639	1.56%	0.077%
284	15.589	15.575	15.604	VV	1860	25907	0.45%	0.022%
285	15.671	15.604	15.720	VV	5592	198579	3.42%	0.169%

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286	15.748	15.720	15.775	VV	2273	45349	0.78%	0.038%
287	15.798	15.775	15.811	VV	1235			
288	15.831	15.811	15.848	VV	2747			
289	15.863	15.848	15.884	VV	1180			
290	15.926	15.884	15.964	VV	41024			
291	15.971	15.964	15.991	VV	677	6363	0.11%	0.005%
292	16.015	15.991	16.024	VV	659	8994	0.15%	0.008%
293	16.036	16.024	16.057	VV	594	8740	0.15%	0.007%
294	16.062	16.057	16.087	VV	325	2864	0.05%	0.002%
295	16.115	16.087	16.133	PV	3059	50076	0.86%	0.042%
296	16.143	16.133	16.159	VV	2185	22532	0.39%	0.019%
297	16.181	16.159	16.195	VV	1415	21311	0.37%	0.018%
298	16.216	16.195	16.244	VV	1855	36359	0.63%	0.031%
299	16.255	16.244	16.267	VV	1281	13683	0.24%	0.012%
300	16.292	16.267	16.304	VV	2952	45860	0.79%	0.039%
301	16.320	16.304	16.346	VV	3680	54975	0.95%	0.047%
302	16.400	16.346	16.415	VV	360380	5065510	87.23%	4.299%
303	16.434	16.415	16.460	VV	407905	4698180	80.90%	3.987%
304	16.487	16.460	16.506	VV	11628	157194	2.71%	0.133%
305	16.523	16.506	16.545	VV	7837	106377	1.83%	0.090%
306	16.560	16.545	16.609	VV	2118	42373	0.73%	0.036%
307	16.641	16.609	16.662	VV	3816	52566	0.91%	0.045%
308	16.712	16.662	16.739	VV	22658	345158	5.94%	0.293%
309	16.780	16.739	16.814	VV	369925	4783536	82.37%	4.060%
310	16.871	16.814	16.901	VV	46651	620145	10.68%	0.526%
311	16.919	16.901	16.962	VV	2801	55422	0.95%	0.047%
312	17.007	16.962	17.057	VV	3282	106789	1.84%	0.091%
313	17.070	17.057	17.090	VV	1220	15035	0.26%	0.013%
314	17.134	17.090	17.162	PV	4549	96931	1.67%	0.082%
315	17.169	17.162	17.205	VV	1799	23348	0.40%	0.020%
316	17.230	17.205	17.246	VV	2627	35323	0.61%	0.030%
317	17.266	17.246	17.280	VV	3024	45990	0.79%	0.039%
318	17.291	17.280	17.309	VV	2889	35226	0.61%	0.030%
319	17.320	17.309	17.331	VV	1319	14888	0.26%	0.013%
320	17.350	17.331	17.367	VV	2527	35177	0.61%	0.030%
321	17.377	17.367	17.397	VV	1477	17151	0.30%	0.015%
322	17.422	17.397	17.449	VV	2562	45188	0.78%	0.038%
323	17.464	17.449	17.505	VV	1291	21271	0.37%	0.018%
324	17.542	17.505	17.565	VV	1014	24131	0.42%	0.020%
325	17.573	17.565	17.585	VV	571	4576	0.08%	0.004%
326	17.608	17.585	17.624	PV	733	8533	0.15%	0.007%
327	17.641	17.624	17.659	VV	662	9417	0.16%	0.008%
328	17.756	17.659	17.794	VV	38212	582945	10.04%	0.495%
329	17.819	17.794	17.838	VV	1657	30848	0.53%	0.026%

Instrument :
FID_D
ClientSampleId :
WC1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

rteres

330	17.861	17.838	17.882	VV	2213	37473	0.65%	0.032%
331	17.906	17.882	17.914	VV	2379			
332	17.921	17.914	17.960	VV	2699			
333	17.982	17.960	18.005	VV	1304			
334	18.042	18.005	18.083	VV	5775			
335	18.146	18.083	18.160	VV	328329	4803095	82.71%	4.076%
336	18.183	18.160	18.210	VV	331742	4262195	73.39%	3.617%
337	18.218	18.210	18.245	VV	2464	31850	0.55%	0.027%
338	18.267	18.245	18.282	VV	5233	66498	1.15%	0.056%
339	18.299	18.282	18.353	VV	5726	100567	1.73%	0.085%
340	18.401	18.353	18.447	PV	308322	4176071	71.91%	3.544%
341	18.471	18.447	18.486	PV	969	10822	0.19%	0.009%

Sum of corrected areas: 117828286

Aromatic EPH 081125.M Wed Aug 13 00:55:59 2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FC080125AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2740-01MS	FC069568.D	n-Dotriacontane (C32)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MS	FC069568.D	n-Hexatriacontane (C36)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MS	FC069568.D	n-Octatriacontane (C38)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MS	FC069568.D	n-Tetracontane (C40)	yogesh	8/4/2025 7:40:14 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MSD	FC069569.D	n-Dotriacontane (C32)	yogesh	8/4/2025 7:40:12 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MSD	FC069569.D	n-Hexatriacontane (C36)	yogesh	8/4/2025 7:40:12 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software
Q2740-01MSD	FC069569.D	n-Octatriacontane (C38)	yogesh	8/4/2025 7:40:12 AM	mohammad	8/5/2025 1:59:30	Peak Integrated by Software

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Manual Integration Report

Sequence:	FC081225AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FD081125AR	Instrument	FID_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FD081225AR	Instrument	FID_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169209BS	FD049617.D	Bnezo[k]fluoranthene (C30.14)	yogesh	8/13/2025 7:34:31 AM	mohammad	8/13/2025 9:40:46	Peak Integrated by Software
PB169209BSD	FD049618.D	Bnezo[k]fluoranthene (C30.14)	yogesh	8/13/2025 7:34:32 AM	mohammad	8/13/2025 9:40:46	Peak Integrated by Software
Q2743-01MSD	FD049622.D	Bnezo[k]fluoranthene (C30.14)	yogesh	8/13/2025 7:34:34 AM	mohammad	8/13/2025 9:40:46	Peak Integrated by Software

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC080125AL

Review By	yogesh	Review On	8/1/2025 10:37:24 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:30 AM		
SubDirectory	FC080125AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069556.D	01 Aug 2025 09:39	YP/AJ	Ok
2	I.BLK	FC069557.D	01 Aug 2025 10:20	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC069558.D	01 Aug 2025 11:01	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC069559.D	01 Aug 2025 11:43	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069560.D	01 Aug 2025 12:24	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069561.D	01 Aug 2025 13:06	YP/AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FC069562.D	01 Aug 2025 13:47	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069563.D	01 Aug 2025 14:28	YP/AJ	Ok
9	I.BLK	FC069564.D	01 Aug 2025 15:10	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069565.D	01 Aug 2025 15:52	YP/AJ	Ok
11	Q2740-01	FC069566.D	01 Aug 2025 16:37	YP/AJ	Dilution
12	Q2740-01D	FC069567.D	01 Aug 2025 17:19	YP/AJ	Ok
13	Q2740-01MS	FC069568.D	01 Aug 2025 18:02	YP/AJ	Ok,M
14	Q2740-01MSD	FC069569.D	01 Aug 2025 18:44	YP/AJ	Ok,M
15	I.BLK	FC069570.D	01 Aug 2025 19:26	YP/AJ	Ok
16	20 PPM ALIPHATIC HC STD	FC069571.D	01 Aug 2025 20:09	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069632.D	12 Aug 2025 09:33	YP/AJ	Ok
2	I.BLK	FC069633.D	12 Aug 2025 10:17	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC069634.D	12 Aug 2025 11:03	YP/AJ	Ok
4	PB169209BL	FC069635.D	12 Aug 2025 11:48	YP/AJ	Ok
5	PB169209BS	FC069636.D	12 Aug 2025 12:34	YP/AJ	Ok
6	PB169209BSD	FC069637.D	12 Aug 2025 13:21	YP/AJ	Ok
7	Q2743-01	FC069638.D	12 Aug 2025 14:10	YP/AJ	Ok
8	Q2743-01D	FC069639.D	12 Aug 2025 15:01	YP/AJ	Ok
9	Q2743-01MS	FC069640.D	12 Aug 2025 15:46	YP/AJ	Ok
10	Q2743-01MSD	FC069641.D	12 Aug 2025 16:32	YP/AJ	Ok
11	I.BLK	FC069642.D	12 Aug 2025 18:04	YP/AJ	Ok
12	20 PPM ALIPHATIC HC STD	FC069643.D	12 Aug 2025 18:50	YP/AJ	Ok
13	PB169207BL	FC069644.D	12 Aug 2025 20:22	YP/AJ	Ok
14	PB169207BS	FC069645.D	12 Aug 2025 21:08	YP/AJ	Ok
15	PB169207BSD	FC069646.D	12 Aug 2025 21:53	YP/AJ	Ok
16	Q2830-03	FC069647.D	12 Aug 2025 22:41	YP/AJ	Ok
17	Q2830-03D	FC069648.D	12 Aug 2025 23:27	YP/AJ	Ok
18	Q2830-03MS	FC069649.D	13 Aug 2025 00:13	YP/AJ	Ok
19	Q2830-03MSD	FC069650.D	13 Aug 2025 01:50	YP/AJ	Ok
20	Q2830-04	FC069651.D	13 Aug 2025 02:34	YP/AJ	Ok
21	I.BLK	FC069652.D	13 Aug 2025 04:02	YP/AJ	Ok

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	20 PPM ALIPHATIC HC STD	FC069653.D	13 Aug 2025 04:46	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QCBatch ID # FD081125AR

Review By	yogesh	Review On	8/11/2025 12:27:21 PM		
Supervise By	mohammad	Supervise On	8/13/2025 1:17:39 AM		
SubDirectory	FD081125AR	HP Acquire Method		HP Processing Method	FD081125AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505
CCC	PP24503
Internal Standard/PEM	
ICV/I.BLK	PP24501,PP24506
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049603.D	11 Aug 2025 08:46	YP/AJ	Ok
2	I.BLK	FD049604.D	11 Aug 2025 09:29	YP/AJ	Ok
3	100 PPM AROMATIC HC STD1	FD049605.D	11 Aug 2025 10:39	YP/AJ	Ok
4	50 PPM AROMATIC HC STD2	FD049606.D	11 Aug 2025 11:22	YP/AJ	Ok
5	20 PPM AROMATIC HC STD3	FD049607.D	11 Aug 2025 12:06	YP/AJ	Ok
6	10 PPM AROMATIC HC STD4	FD049608.D	11 Aug 2025 12:51	YP/AJ	Ok
7	5 PPM AROMATIC HC STD5	FD049609.D	11 Aug 2025 13:35	YP/AJ	Ok
8	20 PPM AROMATIC HC STD ICV	FD049610.D	11 Aug 2025 14:20	YP/AJ	Ok
9	I.BLK	FD049611.D	11 Aug 2025 15:05	YP/AJ	Ok
10	20 PPM AROMATIC HC STD	FD049612.D	11 Aug 2025 15:52	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QCBatch ID # FD081225AR

Review By	yogesh	Review On	8/12/2025 10:17:06 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:46 AM		
SubDirectory	FD081225AR	HP Acquire Method		HP Processing Method	FD081125AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505
CCC	PP24503
Internal Standard/PEM	
ICV/I.BLK	PP24501,PP24506
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FD049613.D	12 Aug 2025 09:33	YP/AJ	Ok
2	I.BLK	FD049614.D	12 Aug 2025 10:17	YP/AJ	Ok
3	20 PPM AROMATIC HC STD	FD049615.D	12 Aug 2025 11:03	YP/AJ	Ok
4	PB169209BL	FD049616.D	12 Aug 2025 11:48	YP/AJ	Ok
5	PB169209BS	FD049617.D	12 Aug 2025 12:34	YP/AJ	Ok,M
6	PB169209BSD	FD049618.D	12 Aug 2025 13:21	YP/AJ	Ok,M
7	Q2743-01	FD049619.D	12 Aug 2025 14:10	YP/AJ	Ok
8	Q2743-01D	FD049620.D	12 Aug 2025 15:01	YP/AJ	Ok
9	Q2743-01MS	FD049621.D	12 Aug 2025 15:46	YP/AJ	Ok
10	Q2743-01MSD	FD049622.D	12 Aug 2025 16:32	YP/AJ	Ok,M
11	I.BLK	FD049623.D	12 Aug 2025 18:04	YP/AJ	Ok
12	20 PPM AROMATIC HC STD	FD049624.D	12 Aug 2025 18:50	YP/AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC080125AL

Review By	yogesh	Review On	8/1/2025 10:37:24 AM		
Supervise By	mohammad	Supervise On	8/5/2025 1:59:30 AM		
SubDirectory	FC080125AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069556.D	01 Aug 2025 09:39		YP/AJ	Ok
2	I.BLK	I.BLK	FC069557.D	01 Aug 2025 10:20		YP/AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FC069558.D	01 Aug 2025 11:01		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC069559.D	01 Aug 2025 11:43		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069560.D	01 Aug 2025 12:24		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069561.D	01 Aug 2025 13:06		YP/AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069562.D	01 Aug 2025 13:47		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069563.D	01 Aug 2025 14:28		YP/AJ	Ok
9	I.BLK	I.BLK	FC069564.D	01 Aug 2025 15:10		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069565.D	01 Aug 2025 15:52		YP/AJ	Ok
11	Q2740-01	OR-02-07312025	FC069566.D	01 Aug 2025 16:37	Need 2X	YP/AJ	Dilution
12	Q2740-01D	Q2740-01D	FC069567.D	01 Aug 2025 17:19		YP/AJ	Ok
13	Q2740-01MS	OR-02-07312025MS	FC069568.D	01 Aug 2025 18:02	FC069566.D	YP/AJ	Ok,M
14	Q2740-01MSD	OR-02-07312025MSD	FC069569.D	01 Aug 2025 18:44	FC069566.D!FC069568.D	YP/AJ	Ok,M
15	I.BLK	I.BLK	FC069570.D	01 Aug 2025 19:26		YP/AJ	Ok
16	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069571.D	01 Aug 2025 20:09		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069632.D	12 Aug 2025 09:33		YP/AJ	Ok
2	I.BLK	I.BLK	FC069633.D	12 Aug 2025 10:17		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069634.D	12 Aug 2025 11:03		YP/AJ	Ok
4	PB169209BL	PB169209BL	FC069635.D	12 Aug 2025 11:48		YP/AJ	Ok
5	PB169209BS	PB169209BS	FC069636.D	12 Aug 2025 12:34	naphthalene break down - 0.356, 2-methylnephthalene break down - 0.156	YP/AJ	Ok
6	PB169209BSD	PB169209BSD	FC069637.D	12 Aug 2025 13:21	naphthalene break down - 0.399, 2-methylnephthalene break down - 0.209	YP/AJ	Ok
7	Q2743-01	WC1	FC069638.D	12 Aug 2025 14:10		YP/AJ	Ok
8	Q2743-01D	Q2743-01D	FC069639.D	12 Aug 2025 15:01		YP/AJ	Ok
9	Q2743-01MS	WC1MS	FC069640.D	12 Aug 2025 15:46	FC069638.D	YP/AJ	Ok
10	Q2743-01MSD	WC1MSD	FC069641.D	12 Aug 2025 16:32	FC069638.D!FC069640.D	YP/AJ	Ok
11	I.BLK	I.BLK	FC069642.D	12 Aug 2025 18:04		YP/AJ	Ok
12	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069643.D	12 Aug 2025 18:50		YP/AJ	Ok
13	PB169207BL	PB169207BL	FC069644.D	12 Aug 2025 20:22		YP/AJ	Ok
14	PB169207BS	PB169207BS	FC069645.D	12 Aug 2025 21:08		YP/AJ	Ok
15	PB169207BSD	PB169207BSD	FC069646.D	12 Aug 2025 21:53		YP/AJ	Ok
16	Q2830-03	BIN0009-DRIVEWAY-T	FC069647.D	12 Aug 2025 22:41		YP/AJ	Ok

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC081225AL

Review By	yogesh	Review On	8/12/2025 10:15:09 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:39 AM		
SubDirectory	FC081225AL	HP Acquire Method		HP Processing Method	FC080125AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	Q2830-03D	Q2830-03D	FC069648.D	12 Aug 2025 23:27		YP/AJ	Ok
18	Q2830-03MS	BIN0009-DRIVEWAY-T	FC069649.D	13 Aug 2025 00:13	FC069647.D	YP/AJ	Ok
19	Q2830-03MSD	BIN0009-DRIVEWAY-T	FC069650.D	13 Aug 2025 01:50	FC069647.D!FC069649.D	YP/AJ	Ok
20	Q2830-04	BIN0009-DRIVEWAY-T	FC069651.D	13 Aug 2025 02:34		YP/AJ	Ok
21	I.BLK	I.BLK	FC069652.D	13 Aug 2025 04:02		YP/AJ	Ok
22	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069653.D	13 Aug 2025 04:46		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QCBatch ID # FD081125AR

Review By	yogesh	Review On	8/11/2025 12:27:21 PM		
Supervise By	mohammad	Supervise On	8/13/2025 1:17:39 AM		
SubDirectory	FD081125AR	HP Acquire Method		HP Processing Method	FD081125AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505
CCC	PP24503
Internal Standard/PEM	
ICV/I.BLK	PP24501,PP24506
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD049603.D	11 Aug 2025 08:46		YP/AJ	Ok
2	I.BLK	I.BLK	FD049604.D	11 Aug 2025 09:29		YP/AJ	Ok
3	100 PPM AROMATIC H	100 PPM AROMATIC H	FD049605.D	11 Aug 2025 10:39		YP/AJ	Ok
4	50 PPM AROMATIC HC	50 PPM AROMATIC HC	FD049606.D	11 Aug 2025 11:22		YP/AJ	Ok
5	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049607.D	11 Aug 2025 12:06		YP/AJ	Ok
6	10 PPM AROMATIC HC	10 PPM AROMATIC HC	FD049608.D	11 Aug 2025 12:51		YP/AJ	Ok
7	5 PPM AROMATIC HC	5 PPM AROMATIC HC	FD049609.D	11 Aug 2025 13:35		YP/AJ	Ok
8	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049610.D	11 Aug 2025 14:20		YP/AJ	Ok
9	I.BLK	I.BLK	FD049611.D	11 Aug 2025 15:05		YP/AJ	Ok
10	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049612.D	11 Aug 2025 15:52		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_D

Daily Analysis Runlog For Sequence/QCBatch ID # FD081225AR

Review By	yogesh	Review On	8/12/2025 10:17:06 AM		
Supervise By	mohammad	Supervise On	8/13/2025 9:40:46 AM		
SubDirectory	FD081225AR	HP Acquire Method		HP Processing Method	FD081125AR

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24500,PP24502,PP24503,PP24504,PP24505
CCC	PP24503
Internal Standard/PEM	
ICV/I.BLK	PP24501,PP24506
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FD049613.D	12 Aug 2025 09:33		YP/AJ	Ok
2	I.BLK	I.BLK	FD049614.D	12 Aug 2025 10:17		YP/AJ	Ok
3	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049615.D	12 Aug 2025 11:03		YP/AJ	Ok
4	PB169209BL	PB169209BL	FD049616.D	12 Aug 2025 11:48		YP/AJ	Ok
5	PB169209BS	PB169209BS	FD049617.D	12 Aug 2025 12:34	naphthalene break down - 0.356, 2-methylnephthalene break down - 0.156	YP/AJ	Ok,M
6	PB169209BSD	PB169209BSD	FD049618.D	12 Aug 2025 13:21	naphthalene break down - 0.399, 2-methylnephthalene break down - 0.209	YP/AJ	Ok,M
7	Q2743-01	WC1	FD049619.D	12 Aug 2025 14:10		YP/AJ	Ok
8	Q2743-01D	Q2743-01D	FD049620.D	12 Aug 2025 15:01		YP/AJ	Ok
9	Q2743-01MS	WC1MS	FD049621.D	12 Aug 2025 15:46	FD049619.D	YP/AJ	Ok
10	Q2743-01MSD	WC1MSD	FD049622.D	12 Aug 2025 16:32	FD049619.D!FD049621.D	YP/AJ	Ok,M
11	I.BLK	I.BLK	FD049623.D	12 Aug 2025 18:04		YP/AJ	Ok
12	20 PPM AROMATIC HC	20 PPM AROMATIC HC	FD049624.D	12 Aug 2025 18:50		YP/AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169209

SOP ID:	MNJDEP-EPH-8				
Clean Up SOP #:	N/A			**Extraction Start Date :**	08/11/2025
Matrix :	Solid			**Extraction Start Time :**	12:00
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	08/11/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	18:00
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24767
Surrogate	1.0ML	100 PPM	PP24652
Fractionation Surrogate	1.0ML	100 PPM	PP24765
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2626
Baked Na2SO4	N/A	EP2629
Sand	N/A	E3951
Hexane	N/A	E3962
Methylene Chloride	N/A	E3954
EPH Cartridge	N/A	E3757
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443.

KD Bath ID:	N/A	**Envap ID:**	NEVIDAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/11/25	RS (Bulk)	T.P. Pest HP43.
18:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169209

Analytical Method: MNJDEP-EPH-8

Concentration Date: 08/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169209BL	PB169209BL	EPH	30.03	N/A	ritesh	RUPESH	2			U2-1
PB169209BS	PB169209BS	EPH	30.01	N/A	ritesh	RUPESH	2			2
PB169209BSD	PB169209BSD	EPH	30.02	N/A	ritesh	RUPESH	2			3
Q2743-01	WC1	EPH	30.09	N/A	ritesh	RUPESH	2	A		4
Q2743-01DUP	WC1DUP	EPH	30.08	N/A	ritesh	RUPESH	2	A		5
Q2743-01MS	WC1MS	EPH	30.03	N/A	ritesh	RUPESH	2	A		6
Q2743-01MSD	WC1MSD	EPH	30.05	N/A	ritesh	RUPESH	2	A		U3-1

RS 8/11

* **Extracts relinguished on the same date as received.**

Q2743 8/8/25 12:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2743 **WorkList ID :** 191216 **Department :** Extraction **Date :** 08-11-2025 11:40:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2743-01	WC1	Solid	EPH	Cool 4 deg C	GENV01	O13	07/31/2025	NJEPH
Q2757-03	1	Solid	EPH_F2	Cool 4 deg C	SCIA01	D31	08/01/2025	NJEPH
Q2757-04	2	Solid	EPH_F2	Cool 4 deg C	SCIA01	D31	08/01/2025	NJEPH
Q2757-05	3	Solid	EPH_F2	Cool 4 deg C	SCIA01	D31	08/01/2025	NJEPH
Q2757-06	4	Solid	EPH_F2	Cool 4 deg C	SCIA01	D31	08/01/2025	NJEPH
Q2757-07	5	Solid	EPH_F2	Cool 4 deg C	SCIA01	D31	08/01/2025	NJEPH

439 of 587

Date/Time 8/11/25 11:55
Raw Sample Received by: RJ (Ext+Lab)
Raw Sample Relinquished by:

Date/Time 8/11/25 12:10
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Ext+Lab)

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LAB CHRONICLE

OrderID:	Q2743	**OrderDate:**	7/31/2025 4:05:00 PM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2743-01	**WC1**	**SOIL**			**07/31/25**			**07/31/25**
			PCB	8082A		08/01/25	08/02/25	
			EPH	NJEPH		08/11/25	08/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2743 **Order ID:** Q2743

Client: G Environmental **Project ID:** Capra

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q2743-01	WC1	SOIL	Aluminum	6560		0.96	5.73	mg/Kg
Q2743-01	WC1	SOIL	Arsenic	11.6		0.22	1.15	mg/Kg
Q2743-01	WC1	SOIL	Barium	232		0.84	5.73	mg/Kg
Q2743-01	WC1	SOIL	Beryllium	0.61		0.029	0.34	mg/Kg
Q2743-01	WC1	SOIL	Cadmium	0.78		0.027	0.34	mg/Kg
Q2743-01	WC1	SOIL	Calcium	18700		12.7	115	mg/Kg
Q2743-01	WC1	SOIL	Chromium	13.1		0.054	0.57	mg/Kg
Q2743-01	WC1	SOIL	Cobalt	6.15		0.12	1.72	mg/Kg
Q2743-01	WC1	SOIL	Copper	151		0.25	1.15	mg/Kg
Q2743-01	WC1	SOIL	Iron	11100		4.57	5.73	mg/Kg
Q2743-01	WC1	SOIL	Lead	633		0.15	0.69	mg/Kg
Q2743-01	WC1	SOIL	Magnesium	4120		13.7	115	mg/Kg
Q2743-01	WC1	SOIL	Manganese	152		0.16	1.15	mg/Kg
Q2743-01	WC1	SOIL	Mercury	3.38	D	0.094	0.17	mg/Kg
Q2743-01	WC1	SOIL	Nickel	16.2		0.15	2.29	mg/Kg
Q2743-01	WC1	SOIL	Potassium	672		31.7	115	mg/Kg
Q2743-01	WC1	SOIL	Silver	0.88		0.14	0.57	mg/Kg
Q2743-01	WC1	SOIL	Sodium	262		20.4	115	mg/Kg
Q2743-01	WC1	SOIL	Vanadium	20.1		0.29	2.29	mg/Kg
Q2743-01	WC1	SOIL	Zinc	255		0.26	2.29	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6560		1	0.96	5.73	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.86	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-38-2	Arsenic	11.6		1	0.22	1.15	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-39-3	Barium	232		1	0.84	5.73	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-41-7	Beryllium	0.61		1	0.029	0.34	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-43-9	Cadmium	0.78		1	0.027	0.34	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-70-2	Calcium	18700	*	1	12.7	115	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-47-3	Chromium	13.1		1	0.054	0.57	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-48-4	Cobalt	6.15		1	0.12	1.72	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-50-8	Copper	151		1	0.25	1.15	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7439-89-6	Iron	11100		1	4.57	5.73	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7439-92-1	Lead	633		1	0.15	0.69	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7439-95-4	Magnesium	4120		1	13.7	115	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7439-96-5	Manganese	152		1	0.16	1.15	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7439-97-6	Mercury	3.38	D	10	0.094	0.17	mg/Kg	07/31/25 16:00	08/01/25 13:44	7471B	
7440-02-0	Nickel	16.2		1	0.15	2.29	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-09-7	Potassium	672		1	31.7	115	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7782-49-2	Selenium	0.30	U	1	0.30	1.15	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-22-4	Silver	0.88		1	0.14	0.57	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-23-5	Sodium	262		1	20.4	115	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.29	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-62-2	Vanadium	20.1		1	0.29	2.29	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050
7440-66-6	Zinc	255		1	0.26	2.29	mg/Kg	08/04/25 10:05	08/04/25 14:25	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB48	Mercury	0.076	+/-0.2	U	0.20	CV	08/01/2025	12:42	LB136668

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB73	Mercury	0.076	+/-0.2	U	0.20	CV	08/01/2025	12:47	LB136668
CCB74	Mercury	0.076	+/-0.2	U	0.20	CV	08/01/2025	13:22	LB136668
CCB75	Mercury	0.076	+/-0.2	U	0.20	CV	08/01/2025	13:49	LB136668

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	08/04/2025	11:52	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	11:52	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	11:52	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	11:52	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	11:52	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	11:52	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	11:52	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	11:52	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	11:52	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	11:52	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	11:52	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	11:52	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	11:52	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	11:52	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	11:52	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	11:52	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	11:52	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	11:52	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	11:52	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	11:52	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	11:52	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	11:52	LB136697

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	08/04/2025	12:29	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	12:29	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	12:29	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	12:29	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	12:29	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	12:29	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	12:29	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	12:29	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	12:29	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	12:29	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	12:29	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	12:29	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	12:29	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	12:29	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	12:29	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	12:29	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	12:29	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	12:29	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	12:29	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	12:29	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	12:29	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	12:29	LB136697
CCB02	Aluminum	12.9	+/-50	J	100	P	08/04/2025	13:41	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	13:41	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	13:41	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	13:41	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	13:41	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	13:41	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	13:41	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	13:41	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	13:41	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	13:41	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	13:41	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	13:41	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	13:41	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	13:41	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	13:41	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	13:41	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	13:41	LB136697

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	08/04/2025	13:41	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	13:41	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	13:41	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	13:41	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	13:41	LB136697
CCB03	Aluminum	11.3	+/-50	U	100	P	08/04/2025	14:54	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	14:54	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	14:54	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	14:54	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	14:54	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	14:54	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	14:54	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	14:54	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	14:54	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	14:54	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	14:54	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	14:54	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	14:54	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	14:54	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	14:54	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	14:54	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	14:54	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	14:54	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	14:54	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	14:54	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	14:54	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	14:54	LB136697
CCB04	Aluminum	22.0	+/-50	J	100	P	08/04/2025	15:53	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	15:53	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	15:53	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	15:53	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	15:53	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	15:53	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	15:53	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	15:53	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	15:53	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	15:53	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	15:53	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	15:53	LB136697

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	08/04/2025	15:53	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	15:53	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	15:53	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	15:53	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	15:53	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	15:53	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	15:53	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	15:53	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	15:53	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	15:53	LB136697
CCB05	Aluminum	11.3	+/-50	U	100	P	08/04/2025	16:55	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	16:55	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	16:55	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	16:55	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	16:55	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	16:55	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	16:55	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	16:55	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	16:55	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	16:55	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	16:55	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	16:55	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	16:55	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	16:55	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	16:55	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	16:55	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	16:55	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	16:55	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	16:55	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	16:55	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	16:55	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	16:55	LB136697
CCB06	Aluminum	11.3	+/-50	U	100	P	08/04/2025	17:45	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	17:45	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	17:45	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	17:45	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	17:45	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	17:45	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	17:45	LB136697

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	17:45	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	17:45	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	17:45	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	17:45	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	17:45	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	17:45	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	17:45	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	17:45	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	17:45	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	17:45	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	17:45	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	17:45	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	17:45	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	17:45	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	17:45	LB136697
CCB07	Aluminum	11.3	+/-50	U	100	P	08/04/2025	18:02	LB136697
	Antimony	6.76	+/-25	U	50.0	P	08/04/2025	18:02	LB136697
	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	18:02	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	18:02	LB136697
	Beryllium	0.56	+/-3	U	6.00	P	08/04/2025	18:02	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	18:02	LB136697
	Calcium	234	+/-1000	U	2000	P	08/04/2025	18:02	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	18:02	LB136697
	Cobalt	2.26	+/-15	U	30.0	P	08/04/2025	18:02	LB136697
	Copper	4.60	+/-10	U	20.0	P	08/04/2025	18:02	LB136697
	Iron	23.4	+/-50	U	100	P	08/04/2025	18:02	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	18:02	LB136697
	Magnesium	244	+/-1000	U	2000	P	08/04/2025	18:02	LB136697
	Manganese	5.94	+/-10	U	20.0	P	08/04/2025	18:02	LB136697
	Nickel	3.06	+/-20	U	40.0	P	08/04/2025	18:02	LB136697
	Potassium	918	+/-1000	U	2000	P	08/04/2025	18:02	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	18:02	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	18:02	LB136697
	Sodium	868	+/-1000	U	2000	P	08/04/2025	18:02	LB136697
	Thallium	4.38	+/-20	U	40.0	P	08/04/2025	18:02	LB136697
	Vanadium	6.26	+/-20	U	40.0	P	08/04/2025	18:02	LB136697
	Zinc	16.7	+/-20	U	40.0	P	08/04/2025	18:02	LB136697

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169081BL		**SOLID**		**Batch Number:**	**PB169081**		**Prep Date:**	**07/31/2025**	
	Mercury	0.0080	<0.013	U	0.013	CV	08/01/2025	12:59	LB136668

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169096BL		**SOLID**		**Batch Number:**	**PB169096**		**Prep Date:**	**08/04/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	08/04/2025	15:07	LB136697
	Antimony	0.22	<1.25	U	2.50	P	08/04/2025	15:07	LB136697
	Arsenic	0.19	<0.5	U	1.00	P	08/04/2025	15:07	LB136697
	Barium	0.73	<2.5	U	5.00	P	08/04/2025	15:07	LB136697
	Beryllium	0.025	<0.15	U	0.30	P	08/04/2025	15:07	LB136697
	Cadmium	0.024	<0.15	U	0.30	P	08/04/2025	15:07	LB136697
	Calcium	11.1	<50	U	100	P	08/04/2025	15:07	LB136697
	Chromium	0.047	<0.25	U	0.50	P	08/04/2025	15:07	LB136697
	Cobalt	0.10	<0.75	U	1.50	P	08/04/2025	15:07	LB136697
	Copper	0.22	<0.5	U	1.00	P	08/04/2025	15:07	LB136697
	Iron	3.99	<2.5	U	5.00	P	08/04/2025	15:07	LB136697
	Lead	0.13	<0.3	U	0.60	P	08/04/2025	15:07	LB136697
	Magnesium	12.0	<50	U	100	P	08/04/2025	15:07	LB136697
	Manganese	0.14	<0.5	U	1.00	P	08/04/2025	15:07	LB136697
	Nickel	0.13	<1	U	2.00	P	08/04/2025	15:07	LB136697
	Potassium	27.7	<50	U	100	P	08/04/2025	15:07	LB136697
	Selenium	0.26	<0.5	U	1.00	P	08/04/2025	15:07	LB136697
	Silver	0.12	<0.25	U	0.50	P	08/04/2025	15:07	LB136697
	Sodium	17.8	<50	U	100	P	08/04/2025	15:07	LB136697
	Thallium	0.23	<1	U	2.00	P	08/04/2025	15:07	LB136697
	Vanadium	0.25	<1	U	2.00	P	08/04/2025	15:07	LB136697
	Zinc	0.23	<1	U	2.00	P	08/04/2025	15:07	LB136697

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV48	Mercury	3.88	4.0	97	90 - 110	CV	08/01/2025	12:22	LB136668

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV73	Mercury	4.89	5.0	98	90 - 110	CV	08/01/2025	12:45	LB136668
CCV74	Mercury	4.68	5.0	94	90 - 110	CV	08/01/2025	13:15	LB136668
CCV75	Mercury	4.68	5.0	94	90 - 110	CV	08/01/2025	13:46	LB136668

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7870	8000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Antimony	4140	4000	104	90 - 110	P	08/04/2025	11:41	LB136697
	Arsenic	3970	4000	99	90 - 110	P	08/04/2025	11:41	LB136697
	Barium	7810	8000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Beryllium	202	200	101	90 - 110	P	08/04/2025	11:41	LB136697
	Cadmium	1980	2000	99	90 - 110	P	08/04/2025	11:41	LB136697
	Calcium	19700	20000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Chromium	812	800	102	90 - 110	P	08/04/2025	11:41	LB136697
	Cobalt	2010	2000	101	90 - 110	P	08/04/2025	11:41	LB136697
	Copper	1030	1000	103	90 - 110	P	08/04/2025	11:41	LB136697
	Iron	3980	4000	100	90 - 110	P	08/04/2025	11:41	LB136697
	Lead	4080	4000	102	90 - 110	P	08/04/2025	11:41	LB136697
	Magnesium	19700	20000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Manganese	1980	2000	99	90 - 110	P	08/04/2025	11:41	LB136697
	Nickel	2010	2000	100	90 - 110	P	08/04/2025	11:41	LB136697
	Potassium	19600	20000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Selenium	4000	4000	100	90 - 110	P	08/04/2025	11:41	LB136697
	Silver	982	1000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Sodium	19500	20000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Thallium	3970	4000	99	90 - 110	P	08/04/2025	11:41	LB136697
	Vanadium	2000	2000	100	90 - 110	P	08/04/2025	11:41	LB136697
	Zinc	2010	2000	100	90 - 110	P	08/04/2025	11:41	LB136697

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	114	100	114	80 - 120	P	08/04/2025	11:45	LB136697
	Antimony	52.5	50.0	105	80 - 120	P	08/04/2025	11:45	LB136697
	Arsenic	21.5	20.0	108	80 - 120	P	08/04/2025	11:45	LB136697
	Barium	106	100	106	80 - 120	P	08/04/2025	11:45	LB136697
	Beryllium	6.68	6.0	111	80 - 120	P	08/04/2025	11:45	LB136697
	Cadmium	6.26	6.0	104	80 - 120	P	08/04/2025	11:45	LB136697
	Calcium	2150	2000	108	80 - 120	P	08/04/2025	11:45	LB136697
	Chromium	8.92	10.0	89	80 - 120	P	08/04/2025	11:45	LB136697
	Cobalt	31.3	30.0	104	80 - 120	P	08/04/2025	11:45	LB136697
	Copper	22.7	20.0	114	80 - 120	P	08/04/2025	11:45	LB136697
	Iron	102	100	102	80 - 120	P	08/04/2025	11:45	LB136697
	Lead	12.4	12.0	103	80 - 120	P	08/04/2025	11:45	LB136697
	Magnesium	2310	2000	115	80 - 120	P	08/04/2025	11:45	LB136697
	Manganese	21.3	20.0	106	80 - 120	P	08/04/2025	11:45	LB136697
	Nickel	41.9	40.0	105	80 - 120	P	08/04/2025	11:45	LB136697
	Potassium	1960	2000	98	80 - 120	P	08/04/2025	11:45	LB136697
	Selenium	20.1	20.0	101	80 - 120	P	08/04/2025	11:45	LB136697
	Silver	10.7	10.0	106	80 - 120	P	08/04/2025	11:45	LB136697
	Sodium	1990	2000	100	80 - 120	P	08/04/2025	11:45	LB136697
	Thallium	45.0	40.0	112	80 - 120	P	08/04/2025	11:45	LB136697
	Vanadium	41.3	40.0	103	80 - 120	P	08/04/2025	11:45	LB136697
	Zinc	42.4	40.0	106	80 - 120	P	08/04/2025	11:45	LB136697

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9770	10000	98	90 - 110	P	08/04/2025	12:25	LB136697
	Antimony	5070	5000	101	90 - 110	P	08/04/2025	12:25	LB136697
	Arsenic	5060	5000	101	90 - 110	P	08/04/2025	12:25	LB136697
	Barium	9830	10000	98	90 - 110	P	08/04/2025	12:25	LB136697
	Beryllium	249	250	99	90 - 110	P	08/04/2025	12:25	LB136697
	Cadmium	2530	2500	101	90 - 110	P	08/04/2025	12:25	LB136697
	Calcium	24800	25000	99	90 - 110	P	08/04/2025	12:25	LB136697
	Chromium	969	1000	97	90 - 110	P	08/04/2025	12:25	LB136697
	Cobalt	2520	2500	101	90 - 110	P	08/04/2025	12:25	LB136697
	Copper	1270	1250	102	90 - 110	P	08/04/2025	12:25	LB136697
	Iron	4860	5000	97	90 - 110	P	08/04/2025	12:25	LB136697
	Lead	5010	5000	100	90 - 110	P	08/04/2025	12:25	LB136697
	Magnesium	24300	25000	97	90 - 110	P	08/04/2025	12:25	LB136697
	Manganese	2460	2500	98	90 - 110	P	08/04/2025	12:25	LB136697
	Nickel	2530	2500	101	90 - 110	P	08/04/2025	12:25	LB136697
	Potassium	24200	25000	97	90 - 110	P	08/04/2025	12:25	LB136697
	Selenium	5080	5000	102	90 - 110	P	08/04/2025	12:25	LB136697
	Silver	1220	1250	98	90 - 110	P	08/04/2025	12:25	LB136697
	Sodium	23900	25000	96	90 - 110	P	08/04/2025	12:25	LB136697
	Thallium	5080	5000	102	90 - 110	P	08/04/2025	12:25	LB136697
	Vanadium	2440	2500	98	90 - 110	P	08/04/2025	12:25	LB136697
	Zinc	2460	2500	98	90 - 110	P	08/04/2025	12:25	LB136697
CCV02	Aluminum	10200	10000	102	90 - 110	P	08/04/2025	13:37	LB136697
	Antimony	5070	5000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Arsenic	5040	5000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Barium	10100	10000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Beryllium	261	250	104	90 - 110	P	08/04/2025	13:37	LB136697
	Cadmium	2530	2500	101	90 - 110	P	08/04/2025	13:37	LB136697
	Calcium	25700	25000	103	90 - 110	P	08/04/2025	13:37	LB136697
	Chromium	1000	1000	100	90 - 110	P	08/04/2025	13:37	LB136697
	Cobalt	2520	2500	101	90 - 110	P	08/04/2025	13:37	LB136697
	Copper	1270	1250	101	90 - 110	P	08/04/2025	13:37	LB136697
	Iron	4930	5000	99	90 - 110	P	08/04/2025	13:37	LB136697
	Lead	5020	5000	100	90 - 110	P	08/04/2025	13:37	LB136697

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	25200	25000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Manganese	2550	2500	102	90 - 110	P	08/04/2025	13:37	LB136697
	Nickel	2530	2500	101	90 - 110	P	08/04/2025	13:37	LB136697
	Potassium	24700	25000	99	90 - 110	P	08/04/2025	13:37	LB136697
	Selenium	5050	5000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Silver	1250	1250	100	90 - 110	P	08/04/2025	13:37	LB136697
	Sodium	24500	25000	98	90 - 110	P	08/04/2025	13:37	LB136697
	Thallium	5120	5000	102	90 - 110	P	08/04/2025	13:37	LB136697
	Vanadium	2540	2500	102	90 - 110	P	08/04/2025	13:37	LB136697
	Zinc	2530	2500	101	90 - 110	P	08/04/2025	13:37	LB136697
CCV03	Aluminum	9430	10000	94	90 - 110	P	08/04/2025	14:43	LB136697
	Antimony	4990	5000	100	90 - 110	P	08/04/2025	14:43	LB136697
	Arsenic	4890	5000	98	90 - 110	P	08/04/2025	14:43	LB136697
	Barium	9740	10000	97	90 - 110	P	08/04/2025	14:43	LB136697
	Beryllium	236	250	94	90 - 110	P	08/04/2025	14:43	LB136697
	Cadmium	2310	2500	92	90 - 110	P	08/04/2025	14:43	LB136697
	Calcium	24400	25000	98	90 - 110	P	08/04/2025	14:43	LB136697
	Chromium	907	1000	91	90 - 110	P	08/04/2025	14:43	LB136697
	Cobalt	2320	2500	93	90 - 110	P	08/04/2025	14:43	LB136697
	Copper	1190	1250	95	90 - 110	P	08/04/2025	14:43	LB136697
	Iron	4990	5000	100	90 - 110	P	08/04/2025	14:43	LB136697
	Lead	4640	5000	93	90 - 110	P	08/04/2025	14:43	LB136697
	Magnesium	23000	25000	92	90 - 110	P	08/04/2025	14:43	LB136697
	Manganese	2400	2500	96	90 - 110	P	08/04/2025	14:43	LB136697
	Nickel	2330	2500	93	90 - 110	P	08/04/2025	14:43	LB136697
	Potassium	25100	25000	100	90 - 110	P	08/04/2025	14:43	LB136697
	Selenium	5050	5000	101	90 - 110	P	08/04/2025	14:43	LB136697
	Silver	1210	1250	97	90 - 110	P	08/04/2025	14:43	LB136697
	Sodium	23600	25000	94	90 - 110	P	08/04/2025	14:43	LB136697
	Thallium	5420	5000	108	90 - 110	P	08/04/2025	14:43	LB136697
	Vanadium	2380	2500	95	90 - 110	P	08/04/2025	14:43	LB136697
	Zinc	2550	2500	102	90 - 110	P	08/04/2025	14:43	LB136697
CCV04	Aluminum	9680	10000	97	90 - 110	P	08/04/2025	15:48	LB136697
	Antimony	5060	5000	101	90 - 110	P	08/04/2025	15:48	LB136697

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4930	5000	99	90 - 110	P	08/04/2025	15:48	LB136697
	Barium	10100	10000	101	90 - 110	P	08/04/2025	15:48	LB136697
	Beryllium	247	250	99	90 - 110	P	08/04/2025	15:48	LB136697
	Cadmium	2340	2500	94	90 - 110	P	08/04/2025	15:48	LB136697
	Calcium	25200	25000	101	90 - 110	P	08/04/2025	15:48	LB136697
	Chromium	916	1000	92	90 - 110	P	08/04/2025	15:48	LB136697
	Cobalt	2360	2500	94	90 - 110	P	08/04/2025	15:48	LB136697
	Copper	1210	1250	96	90 - 110	P	08/04/2025	15:48	LB136697
	Iron	4900	5000	98	90 - 110	P	08/04/2025	15:48	LB136697
	Lead	4720	5000	94	90 - 110	P	08/04/2025	15:48	LB136697
	Magnesium	23600	25000	94	90 - 110	P	08/04/2025	15:48	LB136697
	Manganese	2460	2500	98	90 - 110	P	08/04/2025	15:48	LB136697
	Nickel	2370	2500	95	90 - 110	P	08/04/2025	15:48	LB136697
	Potassium	24600	25000	98	90 - 110	P	08/04/2025	15:48	LB136697
	Selenium	5070	5000	101	90 - 110	P	08/04/2025	15:48	LB136697
	Silver	1230	1250	98	90 - 110	P	08/04/2025	15:48	LB136697
	Sodium	23200	25000	93	90 - 110	P	08/04/2025	15:48	LB136697
	Thallium	5360	5000	107	90 - 110	P	08/04/2025	15:48	LB136697
	Vanadium	2430	2500	97	90 - 110	P	08/04/2025	15:48	LB136697
	Zinc	2530	2500	101	90 - 110	P	08/04/2025	15:48	LB136697
CCV05	Aluminum	9770	10000	98	90 - 110	P	08/04/2025	16:51	LB136697
	Antimony	5190	5000	104	90 - 110	P	08/04/2025	16:51	LB136697
	Arsenic	5050	5000	101	90 - 110	P	08/04/2025	16:51	LB136697
	Barium	10200	10000	102	90 - 110	P	08/04/2025	16:51	LB136697
	Beryllium	249	250	99	90 - 110	P	08/04/2025	16:51	LB136697
	Cadmium	2360	2500	94	90 - 110	P	08/04/2025	16:51	LB136697
	Calcium	25400	25000	102	90 - 110	P	08/04/2025	16:51	LB136697
	Chromium	925	1000	92	90 - 110	P	08/04/2025	16:51	LB136697
	Cobalt	2390	2500	96	90 - 110	P	08/04/2025	16:51	LB136697
	Copper	1220	1250	98	90 - 110	P	08/04/2025	16:51	LB136697
	Iron	5040	5000	101	90 - 110	P	08/04/2025	16:51	LB136697
	Lead	4760	5000	95	90 - 110	P	08/04/2025	16:51	LB136697
	Magnesium	23700	25000	95	90 - 110	P	08/04/2025	16:51	LB136697
	Manganese	2490	2500	100	90 - 110	P	08/04/2025	16:51	LB136697

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2400	2500	96	90 - 110	P	08/04/2025	16:51	LB136697
	Potassium	26000	25000	104	90 - 110	P	08/04/2025	16:51	LB136697
	Selenium	5200	5000	104	90 - 110	P	08/04/2025	16:51	LB136697
	Silver	1250	1250	100	90 - 110	P	08/04/2025	16:51	LB136697
	Sodium	22900	25000	92	90 - 110	P	08/04/2025	16:51	LB136697
	Thallium	5470	5000	109	90 - 110	P	08/04/2025	16:51	LB136697
	Vanadium	2460	2500	98	90 - 110	P	08/04/2025	16:51	LB136697
	Zinc	2550	2500	102	90 - 110	P	08/04/2025	16:51	LB136697
CCV06	Aluminum	10200	10000	102	90 - 110	P	08/04/2025	17:41	LB136697
	Antimony	5340	5000	107	90 - 110	P	08/04/2025	17:41	LB136697
	Arsenic	5210	5000	104	90 - 110	P	08/04/2025	17:41	LB136697
	Barium	10500	10000	105	90 - 110	P	08/04/2025	17:41	LB136697
	Beryllium	257	250	103	90 - 110	P	08/04/2025	17:41	LB136697
	Cadmium	2460	2500	98	90 - 110	P	08/04/2025	17:41	LB136697
	Calcium	26000	25000	104	90 - 110	P	08/04/2025	17:41	LB136697
	Chromium	982	1000	98	90 - 110	P	08/04/2025	17:41	LB136697
	Cobalt	2470	2500	99	90 - 110	P	08/04/2025	17:41	LB136697
	Copper	1260	1250	101	90 - 110	P	08/04/2025	17:41	LB136697
	Iron	5210	5000	104	90 - 110	P	08/04/2025	17:41	LB136697
	Lead	4950	5000	99	90 - 110	P	08/04/2025	17:41	LB136697
	Magnesium	24800	25000	99	90 - 110	P	08/04/2025	17:41	LB136697
	Manganese	2570	2500	103	90 - 110	P	08/04/2025	17:41	LB136697
	Nickel	2480	2500	99	90 - 110	P	08/04/2025	17:41	LB136697
	Potassium	26600	25000	107	90 - 110	P	08/04/2025	17:41	LB136697
	Selenium	5380	5000	108	90 - 110	P	08/04/2025	17:41	LB136697
	Silver	1300	1250	104	90 - 110	P	08/04/2025	17:41	LB136697
	Sodium	24600	25000	98	90 - 110	P	08/04/2025	17:41	LB136697
	Thallium	5640	5000	113	90 - 110	P	08/04/2025	17:41	LB136697
	Vanadium	2550	2500	102	90 - 110	P	08/04/2025	17:41	LB136697
	Zinc	2610	2500	104	90 - 110	P	08/04/2025	17:41	LB136697
CCV07	Aluminum	10200	10000	102	90 - 110	P	08/04/2025	17:58	LB136697
	Antimony	5300	5000	106	90 - 110	P	08/04/2025	17:58	LB136697
	Arsenic	5180	5000	104	90 - 110	P	08/04/2025	17:58	LB136697
	Barium	10500	10000	105	90 - 110	P	08/04/2025	17:58	LB136697

Alliance TECHNICAL GROUP
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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	257	250	103	90 - 110	P	08/04/2025	17:58	LB136697
	Cadmium	2460	2500	98	90 - 110	P	08/04/2025	17:58	LB136697
	Calcium	26000	25000	104	90 - 110	P	08/04/2025	17:58	LB136697
	Chromium	966	1000	97	90 - 110	P	08/04/2025	17:58	LB136697
	Cobalt	2480	2500	99	90 - 110	P	08/04/2025	17:58	LB136697
	Copper	1260	1250	101	90 - 110	P	08/04/2025	17:58	LB136697
	Iron	5150	5000	103	90 - 110	P	08/04/2025	17:58	LB136697
	Lead	4950	5000	99	90 - 110	P	08/04/2025	17:58	LB136697
	Magnesium	24800	25000	99	90 - 110	P	08/04/2025	17:58	LB136697
	Manganese	2570	2500	103	90 - 110	P	08/04/2025	17:58	LB136697
	Nickel	2490	2500	99	90 - 110	P	08/04/2025	17:58	LB136697
	Potassium	25800	25000	103	90 - 110	P	08/04/2025	17:58	LB136697
	Selenium	5300	5000	106	90 - 110	P	08/04/2025	17:58	LB136697
	Silver	1280	1250	103	90 - 110	P	08/04/2025	17:58	LB136697
	Sodium	24600	25000	98	90 - 110	P	08/04/2025	17:58	LB136697
	Thallium	5470	5000	110	90 - 110	P	08/04/2025	17:58	LB136697
	Vanadium	2560	2500	102	90 - 110	P	08/04/2025	17:58	LB136697
	Zinc	2580	2500	103	90 - 110	P	08/04/2025	17:58	LB136697

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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.22	0.2	109	70 - 130	CV	08/01/2025	12:49	LB136668
CRI01	Aluminum	111	100	112	65 - 135	P	08/04/2025	11:57	LB136697
	Antimony	52.6	50.0	105	65 - 135	P	08/04/2025	11:57	LB136697
	Arsenic	20.1	20.0	101	65 - 135	P	08/04/2025	11:57	LB136697
	Barium	103	100	103	65 - 135	P	08/04/2025	11:57	LB136697
	Beryllium	6.41	6.0	107	65 - 135	P	08/04/2025	11:57	LB136697
	Cadmium	6.14	6.0	102	65 - 135	P	08/04/2025	11:57	LB136697
	Calcium	2080	2000	104	65 - 135	P	08/04/2025	11:57	LB136697
	Chromium	9.85	10.0	98	65 - 135	P	08/04/2025	11:57	LB136697
	Cobalt	31.2	30.0	104	65 - 135	P	08/04/2025	11:57	LB136697
	Copper	22.9	20.0	115	65 - 135	P	08/04/2025	11:57	LB136697
	Iron	111	100	111	65 - 135	P	08/04/2025	11:57	LB136697
	Lead	11.2	12.0	93	65 - 135	P	08/04/2025	11:57	LB136697
	Magnesium	2210	2000	110	65 - 135	P	08/04/2025	11:57	LB136697
	Manganese	20.5	20.0	103	65 - 135	P	08/04/2025	11:57	LB136697
	Nickel	41.8	40.0	105	65 - 135	P	08/04/2025	11:57	LB136697
	Potassium	2030	2000	101	65 - 135	P	08/04/2025	11:57	LB136697
	Selenium	22.0	20.0	110	65 - 135	P	08/04/2025	11:57	LB136697
	Silver	11.1	10.0	110	65 - 135	P	08/04/2025	11:57	LB136697
	Sodium	2030	2000	102	65 - 135	P	08/04/2025	11:57	LB136697
	Thallium	46.4	40.0	116	65 - 135	P	08/04/2025	11:57	LB136697
	Vanadium	43.2	40.0	108	65 - 135	P	08/04/2025	11:57	LB136697
	Zinc	44.8	40.0	112	65 - 135	P	08/04/2025	11:57	LB136697

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	249000	255000	98	216000	294000	08/04/2025	12:01	LB136697
	Antimony	-4.94			-50	50	08/04/2025	12:01	LB136697
	Arsenic	9.45			-20	20	08/04/2025	12:01	LB136697
	Barium	6.24	6.0	104	-94	106	08/04/2025	12:01	LB136697
	Beryllium	1.74			-6	6	08/04/2025	12:01	LB136697
	Cadmium	-0.56	1.0	56	-5	7	08/04/2025	12:01	LB136697
	Calcium	238000	245000	97	208000	282000	08/04/2025	12:01	LB136697
	Chromium	56.1	52.0	108	42	62	08/04/2025	12:01	LB136697
	Cobalt	2.22			-30	30	08/04/2025	12:01	LB136697
	Copper	10.5	2.0	524	-18	22	08/04/2025	12:01	LB136697
	Iron	98400	101000	97	85600	116500	08/04/2025	12:01	LB136697
	Lead	-8.46			-12	12	08/04/2025	12:01	LB136697
	Magnesium	249000	255000	98	216000	294000	08/04/2025	12:01	LB136697
	Manganese	6.59	7.0	94	-13	27	08/04/2025	12:01	LB136697
	Nickel	4.92	2.0	246	-38	42	08/04/2025	12:01	LB136697
	Potassium	115			0	0	08/04/2025	12:01	LB136697
	Selenium	0.23			-20	20	08/04/2025	12:01	LB136697
	Silver	2.22			-10	10	08/04/2025	12:01	LB136697
	Sodium	115			0	0	08/04/2025	12:01	LB136697
	Thallium	14.6			-40	40	08/04/2025	12:01	LB136697
	Vanadium	2.99			-40	40	08/04/2025	12:01	LB136697
	Zinc	0.33			-40	40	08/04/2025	12:01	LB136697
ICSAB01	Aluminum	257000	247000	104	209000	285000	08/04/2025	12:05	LB136697
	Antimony	599	618	97	525	711	08/04/2025	12:05	LB136697
	Arsenic	106	104	102	88.4	120	08/04/2025	12:05	LB136697
	Barium	510	537	95	437	637	08/04/2025	12:05	LB136697
	Beryllium	508	495	103	420	570	08/04/2025	12:05	LB136697
	Cadmium	983	972	101	826	1120	08/04/2025	12:05	LB136697
	Calcium	244000	235000	104	199000	271000	08/04/2025	12:05	LB136697
	Chromium	553	542	102	460	624	08/04/2025	12:05	LB136697
	Cobalt	498	476	105	404	548	08/04/2025	12:05	LB136697
	Copper	490	511	96	434	588	08/04/2025	12:05	LB136697
	Iron	101000	99300	102	84400	114500	08/04/2025	12:05	LB136697
	Lead	37.5	49.0	76	37	61	08/04/2025	12:05	LB136697
	Magnesium	257000	248000	104	210000	286000	08/04/2025	12:05	LB136697
	Manganese	499	507	98	430	584	08/04/2025	12:05	LB136697
	Nickel	988	954	104	810	1100	08/04/2025	12:05	LB136697
	Potassium	13.8			0	0	08/04/2025	12:05	LB136697
	Selenium	42.1	46.0	92	26	66	08/04/2025	12:05	LB136697
	Silver	214	201	106	170	232	08/04/2025	12:05	LB136697
	Sodium	94.2			0	0	08/04/2025	12:05	LB136697
	Thallium	106	108	98	68	148	08/04/2025	12:05	LB136697

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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	490	491	100	417	565	08/04/2025	12:05	LB136697
	Zinc	1020	952	107	809	1095	08/04/2025	12:05	LB136697

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2743

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2728-01 **client id:** 7211931-VNJ240MS

Percent Solids for Sample: 93.8 **Spiked ID:** Q2728-01MS **Percent Solids for Spike Sample:** 93.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.40		0.15		0.26	95		CV

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2743

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2728-01 **client id:** 7211931-VNJ240MSD

Percent Solids for Sample: 93.8 **Spiked ID:** Q2728-01MSD **Percent Solids for Spike Sample:** 93.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.40		0.15		0.27	93		CV

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2743

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2740-01 **client id:** OR-02-07312025MS

Percent Solids for Sample: 94.6 **Spiked ID:** Q2740-01MS **Percent Solids for Spike Sample:** 94.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6350		5580		94.8	813		P
Antimony	mg/Kg	75 - 125	16.7		2.45	U	37.9	44	N	P
Arsenic	mg/Kg	75 - 125	35.5		2.94		37.9	86		P
Barium	mg/Kg	75 - 125	33.6		24.4		9.5	97		P
Beryllium	mg/Kg	75 - 125	8.40		0.39		9.5	84		P
Cadmium	mg/Kg	75 - 125	9.02		0.066	J	9.5	94		P
Calcium	mg/Kg	75 - 125	2210		2000		47.4	432		P
Chromium	mg/Kg	75 - 125	23.1		7.11		19.0	84		P
Cobalt	mg/Kg	75 - 125	14.1		4.40		9.5	102		P
Copper	mg/Kg	75 - 125	25.4		11.9		14.2	95		P
Iron	mg/Kg	75 - 125	11000		10500		140	375		P
Lead	mg/Kg	75 - 125	57.6		13.9		47.4	92		P
Magnesium	mg/Kg	75 - 125	2250		1990		94.8	272		P
Manganese	mg/Kg	75 - 125	195		164		9.5	330		P
Nickel	mg/Kg	75 - 125	31.4		7.93		23.7	99		P
Potassium	mg/Kg	75 - 125	823		413		470	87		P
Selenium	mg/Kg	75 - 125	81.0		0.98	U	94.8	85		P
Silver	mg/Kg	75 - 125	3.54		0.37	J	3.6	88		P
Sodium	mg/Kg	75 - 125	494		367		140	91		P
Thallium	mg/Kg	75 - 125	100		1.96	U	94.8	106		P
Vanadium	mg/Kg	75 - 125	28.2		14.8		14.2	94		P
Zinc	mg/Kg	75 - 125	35.3		25.8		9.5	100		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2743

contract: GENV01 **lab code:** ACE

matrix: Solid **sample id:** Q2740-01 **client id:** OR-02-07312025MSD

Percent Solids for Sample: 94.6 **Spiked ID:** Q2740-01MSD **Percent Solids for Spike Sample:** 94.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5970		5580		85.9	457		P
Antimony	mg/Kg	75 - 125	14.1		2.45	U	34.4	41	N	P
Arsenic	mg/Kg	75 - 125	31.6		2.94		34.4	83		P
Barium	mg/Kg	75 - 125	30.8		24.4		8.6	75		P
Beryllium	mg/Kg	75 - 125	7.43		0.39		8.6	82		P
Cadmium	mg/Kg	75 - 125	8.00		0.066	J	8.6	92		P
Calcium	mg/Kg	75 - 125	2740		2000		43.0	1725		P
Chromium	mg/Kg	75 - 125	20.3		7.11		17.2	77		P
Cobalt	mg/Kg	75 - 125	12.9		4.40		8.6	99		P
Copper	mg/Kg	75 - 125	24.1		11.9		12.9	95		P
Iron	mg/Kg	75 - 125	10500		10500		130	-52		P
Lead	mg/Kg	75 - 125	52.8		13.9		43.0	90		P
Magnesium	mg/Kg	75 - 125	2430		1990		85.9	510		P
Manganese	mg/Kg	75 - 125	174		164		8.6	121		P
Nickel	mg/Kg	75 - 125	28.5		7.93		21.5	96		P
Potassium	mg/Kg	75 - 125	770		413		430	83		P
Selenium	mg/Kg	75 - 125	71.9		0.98	U	85.9	84		P
Silver	mg/Kg	75 - 125	3.09		0.37	J	3.2	85		P
Sodium	mg/Kg	75 - 125	471		367		130	80		P
Thallium	mg/Kg	75 - 125	90.1		1.96	U	85.9	105		P
Vanadium	mg/Kg	75 - 125	26.1		14.8		12.9	88		P
Zinc	mg/Kg	75 - 125	33.9		25.8		8.6	94		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** OR-02-07312025A

Sample ID: Q2740-01 **Spiked ID:** Q2740-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	37.0		2.45	U	39.2	94		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2728-01 **Client ID:** 7211931-VNJ240DUP

Percent Solids for Sample: 93.8 **Duplicate ID** Q2728-01DUP **Percent Solids for Spike Sample:** 93.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.15		0.16		9		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2728-01MS **Client ID:** 7211931-VNJ240MSD

Percent Solids for Sample: 93.8 **Duplicate ID** Q2728-01MSD **Percent Solids for Spike Sample:** 93.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.40		0.40		1		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2740-01 **Client ID:** OR-02-07312025DUP

Percent Solids for Sample: 94.6 **Duplicate ID** Q2740-01DUP **Percent Solids for Spike Sample:** 94.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5580		5660		1		P
Antimony	mg/Kg	20	2.45	U	2.44	U			P
Arsenic	mg/Kg	20	2.94		2.86		3		P
Barium	mg/Kg	20	24.4		24.1		1		P
Beryllium	mg/Kg	20	0.39		0.39		0		P
Cadmium	mg/Kg	20	0.066	J	0.079	J	18		P
Calcium	mg/Kg	20	2000		2380		17		P
Chromium	mg/Kg	20	7.11		7.15		1		P
Cobalt	mg/Kg	20	4.40		4.56		4		P
Copper	mg/Kg	20	11.9		12.9		8		P
Iron	mg/Kg	20	10500		10600		1		P
Lead	mg/Kg	20	13.9		15.4		10		P
Magnesium	mg/Kg	20	1990		2170		9		P
Manganese	mg/Kg	20	164		175		6		P
Nickel	mg/Kg	20	7.93		8.05		2		P
Potassium	mg/Kg	20	413		387		7		P
Selenium	mg/Kg	20	0.98	U	0.97	U			P
Silver	mg/Kg	20	0.37	J	0.36	J	4		P
Sodium	mg/Kg	20	367		366		0		P
Thallium	mg/Kg	20	1.96	U	1.95	U			P
Vanadium	mg/Kg	20	14.8		15.1		2		P
Zinc	mg/Kg	20	25.8		25.2		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q2740-01MS **Client ID:** OR-02-07312025MSD

Percent Solids for Sample: 94.6 **Duplicate ID** Q2740-01MSD **Percent Solids for Spike Sample:** 94.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6350		5970		6		P
Antimony	mg/Kg	20	16.7		14.1		17		P
Arsenic	mg/Kg	20	35.5		31.6		12		P
Barium	mg/Kg	20	33.6		30.8		9		P
Beryllium	mg/Kg	20	8.40		7.43		12		P
Cadmium	mg/Kg	20	9.02		8.00		12		P
Calcium	mg/Kg	20	2210		2740		21	*	P
Chromium	mg/Kg	20	23.1		20.3		13		P
Cobalt	mg/Kg	20	14.1		12.9		9		P
Copper	mg/Kg	20	25.4		24.1		5		P
Iron	mg/Kg	20	11000		10500		5		P
Lead	mg/Kg	20	57.6		52.8		9		P
Magnesium	mg/Kg	20	2250		2430		8		P
Manganese	mg/Kg	20	195		174		11		P
Nickel	mg/Kg	20	31.4		28.5		10		P
Potassium	mg/Kg	20	823		770		7		P
Selenium	mg/Kg	20	81.0		71.9		12		P
Silver	mg/Kg	20	3.54		3.09		14		P
Sodium	mg/Kg	20	494		471		5		P
Thallium	mg/Kg	20	100		90.1		10		P
Vanadium	mg/Kg	20	28.2		26.1		8		P
Zinc	mg/Kg	20	35.3		33.9		4		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169081BS							
Mercury	mg/Kg	0.26	0.27		103	80 - 120	CV

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169096BS							
Aluminum	mg/Kg	100	104		104	80 - 120	P
Antimony	mg/Kg	40.0	44.3		111	80 - 120	P
Arsenic	mg/Kg	40.0	42.0		105	80 - 120	P
Barium	mg/Kg	10.0	10.7		107	80 - 120	P
Beryllium	mg/Kg	10.0	10.9		110	80 - 120	P
Cadmium	mg/Kg	10.0	9.72		97	80 - 120	P
Calcium	mg/Kg	50.0	55.5	J	111	80 - 120	P
Chromium	mg/Kg	20.0	19.7		98	80 - 120	P
Cobalt	mg/Kg	10.0	10.1		101	80 - 120	P
Copper	mg/Kg	15.0	16.2		108	80 - 120	P
Iron	mg/Kg	150	159		106	80 - 120	P
Lead	mg/Kg	50.0	49.4		99	80 - 120	P
Magnesium	mg/Kg	100	103		103	80 - 120	P
Manganese	mg/Kg	10.0	10.6		106	80 - 120	P
Nickel	mg/Kg	25.0	25.4		102	80 - 120	P
Potassium	mg/Kg	500	523		105	80 - 120	P
Selenium	mg/Kg	100	110		110	80 - 120	P
Silver	mg/Kg	3.8	4.05		107	80 - 120	P
Sodium	mg/Kg	150	148		99	80 - 120	P
Thallium	mg/Kg	100	113		113	80 - 120	P
Vanadium	mg/Kg	15.0	15.3		102	80 - 120	P
Zinc	mg/Kg	10.0	11.1		111	80 - 120	P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

7211931-VNJ240L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb136668 **Lab Sample ID :** Q2728-01L **SDG No.:** Q2743

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.15		0.067	U	100.0		CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

OR-02-07312025L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb136697 **Lab Sample ID :** Q2740-01L **SDG No.:** Q2743

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	5580		6690		20		P
Antimony	2.45	U	12.2	U			P
Arsenic	2.94		2.80	J	5		P
Barium	24.4		29.3		20		P
Beryllium	0.39		0.50	J	29		P
Cadmium	0.066	J	1.47	U	100.0		P
Calcium	2000		2460		23		P
Chromium	7.11		8.27		16		P
Cobalt	4.40		4.57	J	4		P
Copper	11.9		14.5		22		P
Iron	10500		12600		20		P
Lead	13.9		14.9		7		P
Magnesium	1990		2460		23		P
Manganese	164		202		23		P
Nickel	7.93		8.28	J	4		P
Potassium	413		535		29		P
Selenium	0.98	U	4.89	U			P
Silver	0.37	J	2.45	U	100.0		P
Sodium	367		444	J	21		P
Thallium	1.96	U	9.79	U			P
Vanadium	14.8		17.9		21		P
Zinc	25.8		30.7		19		P

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2743

Instrument id number: **Method:** **Run number:** LB136668

Start date: 08/01/2025 **End date:** 08/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1148	HG
S0.2	S0.2	1	1156	HG
S2.5	S2.5	1	1205	HG
S5	S5	1	1210	HG
S7.5	S7.5	1	1212	HG
S10	S10	1	1219	HG
ICV48	ICV48	1	1222	HG
ICB48	ICB48	1	1242	HG
CCV73	CCV73	1	1245	HG
CCB73	CCB73	1	1247	HG
CRA	CRA	1	1249	HG
PB169081BL	PB169081BL	1	1259	HG
PB169081BS	PB169081BS	1	1301	HG
Q2728-01DUP	7211931-VNJ240DUP	1	1308	HG
Q2728-01MS	7211931-VNJ240MS	1	1310	HG
Q2728-01MSD	7211931-VNJ240MSD	1	1313	HG
CCV74	CCV74	1	1315	HG
CCB74	CCB74	1	1322	HG
Q2728-01L	7211931-VNJ240L	5	1326	HG
Q2743-01	WC1	10	1344	HG
CCV75	CCV75	1	1346	HG
CCB75	CCB75	1	1349	HG

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2743

Instrument id number: **Method:** **Run number:** LB136697

Start date: 08/04/2025 **End date:** 08/04/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1115	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1120	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1124	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1128	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1132	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1136	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1145	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1152	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1157	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1201	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1205	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1225	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1229	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1337	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1341	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2743-01	WC1	1	1425	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1443	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1454	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169096BL	PB169096BL	1	1507	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2740-01DUP	OR-02-07312025DUP	1	1519	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2740-01L	OR-02-07312025L	5	1523	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2740-01MS	OR-02-07312025MS	1	1527	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2740-01MSD	OR-02-07312025MSD	1	1531	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2740-01A	OR-02-07312025A	1	1535	Sb
PB169096BS	PB169096BS	1	1539	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1548	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1553	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1651	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1655	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1741	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1745	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1758	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1802	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL PREPARATION & INSTRUMENT DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q2743	**OrderDate:**	7/31/2025 4:05:00 PM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2743-01	**WC1**	**SOIL**			**07/31/25**			**07/31/25**
			Mercury	7471B		07/31/25	08/01/25	
			Metals ICP-TAL	6010D		08/04/25	08/04/25	

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169081**						
PB169081BL	PB169081BL	MB	SOLID	07/31/2025	0.52	35.0	100.00
PB169081BS	PB169081BS	LCS	SOLID	07/31/2025	0.54	35.0	100.00
Q2728-01DUP	7211931-VNJ240DUP	DUP	SOLID	07/31/2025	0.55	35.0	93.80
Q2728-01MS	7211931-VNJ240MS	MS	SOLID	07/31/2025	0.57	35.0	93.80
Q2728-01MSD	7211931-VNJ240MSD	MSD	SOLID	07/31/2025	0.55	35.0	93.80
Q2743-01	WC1	SAM	SOLID	07/31/2025	0.53	35.0	78.30

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169096**						
PB169096BL	PB169096BL	MB	SOLID	08/04/2025	2.00	100.0	100.00
PB169096BS	PB169096BS	LCS	SOLID	08/04/2025	2.00	100.0	100.00
Q2740-01DUP	OR-02-07312025DUP	DUP	SOLID	08/04/2025	2.17	100.0	94.60
Q2740-01MS	OR-02-07312025MS	MS	SOLID	08/04/2025	2.23	100.0	94.60
Q2740-01MSD	OR-02-07312025MSD	MSD	SOLID	08/04/2025	2.46	100.0	94.60
Q2743-01	WC1	SAM	SOLID	08/04/2025	2.23	100.0	78.30

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136668

Review By	jaswal	Review On	8/1/2025 5:13:44 PM
Supervise By	mohan	Supervise On	8/11/2025 8:13:44 AM

STD. NAME	STD REF.#
ICAL Standard	MP86570,MP86572,MP86573,MP86575,MP86576,MP86577
ICV Standard	MP86578
CCV Standard	MP86580
ICSA Standard	
CRI Standard	MP86582
LCS Standard	
Chk Standard	MP86579,MP86581,MP86583,MP86587

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/01/25 11:48		MOHAN	OK
2	S0.2	S0.2	CAL2	08/01/25 11:56		MOHAN	OK
3	S2.5	S2.5	CAL3	08/01/25 12:05		MOHAN	OK
4	S5	S5	CAL4	08/01/25 12:10		MOHAN	OK
5	S7.5	S7.5	CAL5	08/01/25 12:12		MOHAN	OK
6	S10	S10	CAL6	08/01/25 12:19		MOHAN	OK
7	ICV48	ICV48	ICV	08/01/25 12:22		MOHAN	OK
8	ICB48	ICB48	ICB	08/01/25 12:42		MOHAN	OK
9	CCV73	CCV73	CCV	08/01/25 12:45		MOHAN	OK
10	CCB73	CCB73	CCB	08/01/25 12:47		MOHAN	OK
11	CRA	CRA	CRDL	08/01/25 12:49		MOHAN	OK
12	HighStd	HighStd	HIGH STD	08/01/25 12:51		MOHAN	OK
13	ChkStd	ChkStd	SAM	08/01/25 12:54		MOHAN	OK
14	PB169081BL	PB169081BL	MB	08/01/25 12:59		MOHAN	OK
15	PB169081BS	PB169081BS	LCS	08/01/25 13:01		MOHAN	OK
16	Q2726-01	WBR-PBO	SAM	08/01/25 13:03		MOHAN	OK
17	Q2728-01	7211931-VNJ240	SAM	08/01/25 13:06		MOHAN	OK
18	Q2728-01DUP	7211931-VNJ240DUP	DUP	08/01/25 13:08		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136668

Review By	jaswal	Review On	8/1/2025 5:13:44 PM
Supervise By	mohan	Supervise On	8/11/2025 8:13:44 AM

STD. NAME	STD REF.#
ICAL Standard	MP86570,MP86572,MP86573,MP86575,MP86576,MP86577
ICV Standard	MP86578
CCV Standard	MP86580
ICSA Standard	
CRI Standard	MP86582
LCS Standard	
Chk Standard	MP86579,MP86581,MP86583,MP86587

19	Q2728-01MS	7211931-VNJ240MS	MS	08/01/25 13:10		MOHAN	OK
20	Q2728-01MSD	7211931-VNJ240MSD	MSD	08/01/25 13:13		MOHAN	OK
21	CCV74	CCV74	CCV	08/01/25 13:15		MOHAN	OK
22	CCB74	CCB74	CCB	08/01/25 13:22		MOHAN	OK
23	Q2743-01	WC1	SAM	08/01/25 13:24	Hg is high	MOHAN	Dilution
24	Q2728-01L	7211931-VNJ240L	SD	08/01/25 13:26		MOHAN	OK
25	Q2728-01A	7211931-VNJ240A	PS	08/01/25 13:29		MOHAN	OK
26	Q2743-01DL	WC1DL	SAM	08/01/25 13:44	10X for Hg	MOHAN	Confirms
27	CCV75	CCV75	CCV	08/01/25 13:46		MOHAN	OK
28	CCB75	CCB75	CCB	08/01/25 13:49		MOHAN	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/04/25 11:15		Jaswal	OK
2	S1	S1	CAL2	08/04/25 11:20		Jaswal	OK
3	S2	S2	CAL3	08/04/25 11:24		Jaswal	OK
4	S3	S3	CAL4	08/04/25 11:28		Jaswal	OK
5	S4	S4	CAL5	08/04/25 11:32		Jaswal	OK
6	S5	S5	CAL6	08/04/25 11:36		Jaswal	OK
7	ICV01	ICV01	ICV	08/04/25 11:41		Jaswal	OK
8	LLICV01	LLICV01	LLICV	08/04/25 11:45		Jaswal	OK
9	ICB01	ICB01	ICB	08/04/25 11:52		Jaswal	OK
10	CRI01	CRI01	CRDL	08/04/25 11:57		Jaswal	OK
11	ICSA01	ICSA01	ICSA	08/04/25 12:01		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	08/04/25 12:05		Jaswal	OK
13	ICSADL	ICSADL	ICSA	08/04/25 12:09		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	08/04/25 12:14		Jaswal	OK
15	CCV01	CCV01	CCV	08/04/25 12:25		Jaswal	OK
16	CCB01	CCB01	CCB	08/04/25 12:29		Jaswal	OK
17	PB169076BL	PB169076BL	MB	08/04/25 12:55		Jaswal	OK
18	PB169076BS	PB169076BS	LCS	08/04/25 13:00		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

19	Q2725-02DL	CompDL	SAM	08/04/25 13:04	Straight 5x dilution for all elements	Jaswal	OK
20	Q2725-02DUPDL	CompDUPDL	DUP	08/04/25 13:08	Straight 5x dilution for all elements	Jaswal	OK
21	Q2725-02LDL	CompLDL	SD	08/04/25 13:12	Straight 25x dilution for all elements	Jaswal	OK
22	Q2725-02MSDL	CompMSDL	MS	08/04/25 13:16	Straight 5x dilution for all elements	Jaswal	OK
23	Q2725-02MSDDL	CompMSDDL	MSD	08/04/25 13:20	Straight 5x dilution for all elements	Jaswal	OK
24	Q2725-02ADL	CompADL	PS	08/04/25 13:24	Straight 5x dilution for all elements (0.1ml m6004,m6013-10ml sample before dilution)	Jaswal	OK
25	PB169078BL	PB169078BL	MB	08/04/25 13:29		Jaswal	OK
26	PB169078BS	PB169078BS	LCS	08/04/25 13:33		Jaswal	OK
27	CCV02	CCV02	CCV	08/04/25 13:37		Jaswal	OK
28	CCB02	CCB02	CCB	08/04/25 13:41		Jaswal	OK
29	Q2733-01	TW-WTS-12	SAM	08/04/25 13:45		Jaswal	OK
30	Q2733-01DUP	TW-WTS-12DUP	DUP	08/04/25 13:50		Jaswal	OK
31	Q2733-01L	TW-WTS-12L	SD	08/04/25 13:54		Jaswal	OK
32	Q2733-01MS	TW-WTS-12MS	MS	08/04/25 13:59		Jaswal	OK
33	Q2733-01MSD	TW-WTS-12MSD	MSD	08/04/25 14:03		Jaswal	OK
34	Q2733-01A	TW-WTS-12A	PS	08/04/25 14:07	0.1ml m6004,m6013-10ml sample	Jaswal	OK
35	Q2742-01	9 Banker	SAM	08/04/25 14:12		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

36	Q2734-01	VNJ-253	SAM	08/04/25 14:17		Jaswal	OK
37	Q2741-01	TR-05-07312025	SAM	08/04/25 14:21		Jaswal	OK
38	Q2743-01	WC1	SAM	08/04/25 14:25		Jaswal	OK
39	CCV03	CCV03	CCV	08/04/25 14:43		Jaswal	OK
40	CCB03	CCB03	CCB	08/04/25 14:54		Jaswal	OK
41	Q2753-01	289	SAM	08/04/25 14:58		Jaswal	OK
42	Q2758-01	WASTE	SAM	08/04/25 15:03	%soil missing	Jaswal	OK
43	PB169096BL	PB169096BL	MB	08/04/25 15:07		Jaswal	OK
44	Q2740-01	OR-02-07312025	SAM	08/04/25 15:15		Jaswal	OK
45	Q2740-01DUP	OR-02-07312025DUP	DUP	08/04/25 15:19		Jaswal	OK
46	Q2740-01L	OR-02-07312025L	SD	08/04/25 15:23		Jaswal	OK
47	Q2740-01MS	OR-02-07312025MS	MS	08/04/25 15:27		Jaswal	OK
48	Q2740-01MSD	OR-02-07312025MSD	MSD	08/04/25 15:31		Jaswal	OK
49	Q2740-01A	OR-02-07312025A	PS	08/04/25 15:35	0.1ml m6004,m6013-10ml sample	Jaswal	OK
50	PB169096BS	PB169096BS	LCS	08/04/25 15:39		Jaswal	OK
51	CCV04	CCV04	CCV	08/04/25 15:48		Jaswal	OK
52	CCB04	CCB04	CCB	08/04/25 15:53		Jaswal	OK
53	Q2734-02	VNJ-253	SAM	08/04/25 16:08		Jaswal	OK
54	Q2703-05	TP-4	SAM	08/04/25 16:12		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

55	Q2743-02	WC1	SAM	08/04/25 16:16		Jaswal	OK
56	Q2753-02	289	SAM	08/04/25 16:21		Jaswal	OK
57	Q2753-02DUP	289DUP	DUP	08/04/25 16:25		Jaswal	OK
58	Q2753-02L	289L	SD	08/04/25 16:30		Jaswal	OK
59	Q2753-02MS	289MS	MS	08/04/25 16:34		Jaswal	OK
60	Q2753-02MSD	289MSD	MSD	08/04/25 16:38		Jaswal	OK
61	Q2753-02A	289A	PS	08/04/25 16:42	0.1ml m6004,m6013-10ml sample	Jaswal	OK
62	PB169079TB	PB169079TB	MB	08/04/25 16:46		Jaswal	OK
63	CCV05	CCV05	CCV	08/04/25 16:51		Jaswal	OK
64	CCB05	CCB05	CCB	08/04/25 16:55		Jaswal	OK
65	PB169101BL	PB169101BL	MB	08/04/25 16:59		Jaswal	OK
66	PB169101BS	PB169101BS	LCS	08/04/25 17:04		Jaswal	OK
67	Q2745-01	RW8-SP100-2025073	SAM	08/04/25 17:08		Jaswal	OK
68	Q2745-02	RW8-SP303-2025073	SAM	08/04/25 17:12		Jaswal	OK
69	Q2756-01	71725	SAM	08/04/25 17:16	CCV fail for Tl	Jaswal	Not Ok
70	Q2756-01DUP	71725DUP	DUP	08/04/25 17:20	CCV fail for Tl	Jaswal	Not Ok
71	Q2756-01L	71725L	SD	08/04/25 17:25	CCV fail for Tl	Jaswal	Not Ok
72	Q2756-01MS	71725MS	MS	08/04/25 17:29	CCV fail for Tl	Jaswal	Not Ok
73	Q2756-01MSD	71725MSD	MSD	08/04/25 17:33	CCV fail for Tl	Jaswal	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

74	Q2756-01A	71725A	PS	08/04/25 17:37	CCV fail for Tl	Jaswal	Not Ok
75	CCV06	CCV06	CCV	08/04/25 17:41	CCV fail for Tl	Jaswal	OK
76	CCB06	CCB06	CCB	08/04/25 17:45		Jaswal	OK
77	PB169098BL	PB169098BL	MB	08/04/25 17:49	CCV fail for Tl	Jaswal	Not Ok
78	PB169098BS	PB169098BS	LCS	08/04/25 17:54	CCV fail for Tl	Jaswal	Not Ok
79	CCV07	CCV07	CCV	08/04/25 17:58		Jaswal	OK
80	CCB07	CCB07	CCB	08/04/25 18:02		Jaswal	OK

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB169081

SOP ID : M7471B-Mercury-19

SDG No : N/A

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 07/31/2025 **Time :** 16:00 **Temp :** 95 °C

End Digest Date: 07/31/2025 **Time :** 17:10 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86578
CCV	30mL	MP86580
CRA	30mL	MP86582
Blank Spike	0.48mL	MP86569
Matrix Spike	0.48mL	MP86569

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP86617
KMnO4 (5%)	4.5mL	MP85893
Hydroxylamine HCL (12%)	2.0mL	MP85895
PTFE Boiling Stones	----------	M5582
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP86570
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86571
2.5 ppb	S2.5	30mL	MP86573
5.0 ppb	S5.0	30mL	MP86575
7.5 ppb	S7.5	30mL	MP86576
10.0 ppb	S10.0	30mL	MP86577
ICV	ICV	30mL	MP86578
ICB	ICB	30mL	MP86579
CCV	CCV	30mL	MP86580
CCB	CCB	30mL	MP86581
CRI	CRI	30mL	MP86582
CHK STD	CHK STD	30mL	MP86583

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/31/25 17:10		
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB169081BL	PBS081	0.52	35	NA	N/A	3-1
PB169081BS	LCS081	0.54	35	NA	MP86569	2
Q2726-01	WBR-PBO	0.52	35	NA	N/A	3
Q2728-01	7211931-VNJ240	0.56	35	NA	N/A	4
Q2728-01DUP	7211931-VNJ240DUP	0.55	35	NA	N/A	5
Q2728-01MS	7211931-VNJ240MS	0.57	35	NA	MP86569	6
Q2728-01MSD	7211931-VNJ240MSD	0.55	35	NA	MP86569	7
Q2743-01	WC1	0.53	35	NA	N/A	8

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB169096

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #5 2. N/A

Start Digest Date: 08/04/2025 **Time :** 10:05 **Temp :** 96 °C

End Digest Date: 08/04/2025 **Time :** 12:10 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: SLJ.

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6007
LFS-2	1.00	M6015
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	5.00	M6158
1:1 HNO3	10.00	MP86404
30% H2O2	3.00	M6170
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#5 CELL#35 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/04/25 13:16	SLJ met dig	
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB169096BL	PBS096	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB169096BS	LCS096	N/A	2.00	100	Colorless	Colorless	Fine	N/A	MP6007,MP6015	2
Q2734-01	VNJ-253	N/A	2.24	100	Brown	Yellow	Medium	N/A	N/A	3
Q2740-01	OR-02-07312025	N/A	2.16	100	Brown	Yellow	Medium	N/A	N/A	4
Q2740-01MS	OR-02-07312025MS	N/A	2.23	100	Brown	Yellow	Medium	N/A	MP6007,MP6015	6
Q2740-01MSD	OR-02-07312025MSD	N/A	2.46	100	Brown	Yellow	Medium	N/A	MP6007,MP6015	7
Q2740-01DUP	OR-02-07312025DUP	N/A	2.17	100	Brown	Yellow	Medium	N/A	N/A	5
Q2741-01	TR-05-07312025	N/A	2.31	100	Brown	Yellow	Medium	N/A	N/A	8
Q2743-01	WC1	N/A	2.23	100	Brown	Yellow	Medium	N/A	N/A	9
Q2753-01	289	N/A	2.42	100	Brown	Yellow	Medium	N/A	N/A	10
Q2758-01	WASTE	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	11

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2743 **Order ID:** Q2743

Client: G Environmental **Project ID:** Capra

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q2743-02	WC1	TCLP	Barium	2320		72.8	500	ug/L
Q2743-02	WC1	TCLP	Cadmium	7.09	J	2.50	30.0	ug/L
Q2743-02	WC1	TCLP	Lead	1250		11.5	60.0	ug/L
Q2743-02	WC1	TCLP	Mercury	1.32	J	0.76	2.00	ug/L

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	25.6	U	1	25.6	100	ug/L	08/04/25 12:30	08/04/25 16:16	6010D	SW3050
7440-39-3	Barium	2320	N	1	72.8	500	ug/L	08/04/25 12:30	08/04/25 16:16	6010D	SW3050
7440-43-9	Cadmium	7.09	J	1	2.50	30.0	ug/L	08/04/25 12:30	08/04/25 16:16	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	08/04/25 12:30	08/04/25 16:16	6010D	SW3050
7439-92-1	Lead	1250		1	11.5	60.0	ug/L	08/04/25 12:30	08/04/25 16:16	6010D	SW3050
7439-97-6	Mercury	1.32	J	1	0.76	2.00	ug/L	08/05/25 12:33	08/06/25 09:35	7470A	
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	08/04/25 12:30	08/04/25 16:16	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	08/04/25 12:30	08/04/25 16:16	6010D	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	TCLP METALS				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB54	Mercury	0.076	+/-0.2	U	0.20	CV	08/06/2025	09:12	LB136721

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB89	Mercury	0.076	+/-0.2	U	0.20	CV	08/06/2025	09:17	LB136721
CCB90	Mercury	0.076	+/-0.2	U	0.20	CV	08/06/2025	09:51	LB136721
CCB91	Mercury	0.076	+/-0.2	U	0.20	CV	08/06/2025	10:04	LB136721

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	11:52	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	11:52	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	11:52	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	11:52	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	11:52	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	11:52	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	11:52	LB136697

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	12:29	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	12:29	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	12:29	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	12:29	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	12:29	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	12:29	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	12:29	LB136697
CCB02	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	13:41	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	13:41	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	13:41	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	13:41	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	13:41	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	13:41	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	13:41	LB136697
CCB03	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	14:54	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	14:54	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	14:54	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	14:54	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	14:54	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	14:54	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	14:54	LB136697
CCB04	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	15:53	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	15:53	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	15:53	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	15:53	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	15:53	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	15:53	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	15:53	LB136697
CCB05	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	16:55	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	16:55	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	16:55	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	16:55	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	16:55	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	16:55	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	16:55	LB136697
CCB06	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	17:45	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	17:45	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	17:45	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	17:45	LB136697

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	12.0	P	08/04/2025	17:45	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	17:45	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	17:45	LB136697
CCB07	Arsenic	5.12	+/-10	U	20.0	P	08/04/2025	18:02	LB136697
	Barium	14.6	+/-50	U	100	P	08/04/2025	18:02	LB136697
	Cadmium	0.50	+/-3	U	6.00	P	08/04/2025	18:02	LB136697
	Chromium	2.12	+/-5	U	10.0	P	08/04/2025	18:02	LB136697
	Lead	2.30	+/-6	U	12.0	P	08/04/2025	18:02	LB136697
	Selenium	9.64	+/-10	U	20.0	P	08/04/2025	18:02	LB136697
	Silver	1.62	+/-5	U	10.0	P	08/04/2025	18:02	LB136697

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169079TB		**WATER**		**Batch Number:**	**PB169140**		**Prep Date:**	**08/05/2025**	
	Mercury	0.76	<2	U	2.00	CV	08/06/2025	09:55	LB136721
Sample ID	**Analyte**	**Result (ug/L)**	**Acceptance Limit**	**Conc Qual**	**CRQL ug/L**	**M**	**Analysis Date**	**Analysis Time**	**Run**
PB169140BL		**WATER**		**Batch Number:**	**PB169140**		**Prep Date:**	**08/05/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	08/06/2025	09:28	LB136721

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2743

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169079TB		**WATER**		**Batch Number:**	**PB169101**		**Prep Date:**	**08/04/2025**	
	Arsenic	25.6	<50	U	100	P	08/04/2025	16:46	LB136697
	Barium	72.8	<250	U	500	P	08/04/2025	16:46	LB136697
	Cadmium	2.50	<15	U	30.0	P	08/04/2025	16:46	LB136697
	Chromium	10.6	<25	U	50.0	P	08/04/2025	16:46	LB136697
	Lead	11.5	<30	U	60.0	P	08/04/2025	16:46	LB136697
	Selenium	48.2	<50	U	100	P	08/04/2025	16:46	LB136697
	Silver	8.10	<25	U	50.0	P	08/04/2025	16:46	LB136697

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB169101BL		**WATER**		**Batch Number:**	**PB169101**		**Prep Date:**	**08/04/2025**	
	Arsenic	25.6	<50	U	100	P	08/04/2025	16:59	LB136697
	Barium	72.8	<250	U	500	P	08/04/2025	16:59	LB136697
	Cadmium	2.50	<15	U	30.0	P	08/04/2025	16:59	LB136697
	Chromium	10.6	<25	U	50.0	P	08/04/2025	16:59	LB136697
	Lead	11.5	<30	U	60.0	P	08/04/2025	16:59	LB136697
	Selenium	48.2	<50	U	100	P	08/04/2025	16:59	LB136697
	Silver	8.10	<25	U	50.0	P	08/04/2025	16:59	LB136697

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV54	Mercury	4.09	4.0	102	90 - 110	CV	08/06/2025	09:10	LB136721

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV89	Mercury	4.83	5.0	97	90 - 110	CV	08/06/2025	09:14	LB136721
CCV90	Mercury	4.82	5.0	96	90 - 110	CV	08/06/2025	09:49	LB136721
CCV91	Mercury	4.78	5.0	96	90 - 110	CV	08/06/2025	10:02	LB136721

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3970	4000	99	90 - 110	P	08/04/2025	11:41	LB136697
	Barium	7810	8000	98	90 - 110	P	08/04/2025	11:41	LB136697
	Cadmium	1980	2000	99	90 - 110	P	08/04/2025	11:41	LB136697
	Chromium	812	800	102	90 - 110	P	08/04/2025	11:41	LB136697
	Lead	4080	4000	102	90 - 110	P	08/04/2025	11:41	LB136697
	Selenium	4000	4000	100	90 - 110	P	08/04/2025	11:41	LB136697
	Silver	982	1000	98	90 - 110	P	08/04/2025	11:41	LB136697

Alliance TECHNICAL GROUP
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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	21.5	20.0	108	80 - 120	P	08/04/2025	11:45	LB136697
	Barium	106	100	106	80 - 120	P	08/04/2025	11:45	LB136697
	Cadmium	6.26	6.0	104	80 - 120	P	08/04/2025	11:45	LB136697
	Chromium	8.92	10.0	89	80 - 120	P	08/04/2025	11:45	LB136697
	Lead	12.4	12.0	103	80 - 120	P	08/04/2025	11:45	LB136697
	Selenium	20.1	20.0	101	80 - 120	P	08/04/2025	11:45	LB136697
	Silver	10.7	10.0	106	80 - 120	P	08/04/2025	11:45	LB136697

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5060	5000	101	90 - 110	P	08/04/2025	12:25	LB136697
	Barium	9830	10000	98	90 - 110	P	08/04/2025	12:25	LB136697
	Cadmium	2530	2500	101	90 - 110	P	08/04/2025	12:25	LB136697
	Chromium	969	1000	97	90 - 110	P	08/04/2025	12:25	LB136697
	Lead	5010	5000	100	90 - 110	P	08/04/2025	12:25	LB136697
	Selenium	5080	5000	102	90 - 110	P	08/04/2025	12:25	LB136697
	Silver	1220	1250	98	90 - 110	P	08/04/2025	12:25	LB136697
CCV02	Arsenic	5040	5000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Barium	10100	10000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Cadmium	2530	2500	101	90 - 110	P	08/04/2025	13:37	LB136697
	Chromium	1000	1000	100	90 - 110	P	08/04/2025	13:37	LB136697
	Lead	5020	5000	100	90 - 110	P	08/04/2025	13:37	LB136697
	Selenium	5050	5000	101	90 - 110	P	08/04/2025	13:37	LB136697
	Silver	1250	1250	100	90 - 110	P	08/04/2025	13:37	LB136697
CCV03	Arsenic	4890	5000	98	90 - 110	P	08/04/2025	14:43	LB136697
	Barium	9740	10000	97	90 - 110	P	08/04/2025	14:43	LB136697
	Cadmium	2310	2500	92	90 - 110	P	08/04/2025	14:43	LB136697
	Chromium	907	1000	91	90 - 110	P	08/04/2025	14:43	LB136697
	Lead	4640	5000	93	90 - 110	P	08/04/2025	14:43	LB136697
	Selenium	5050	5000	101	90 - 110	P	08/04/2025	14:43	LB136697
	Silver	1210	1250	97	90 - 110	P	08/04/2025	14:43	LB136697
CCV04	Arsenic	4930	5000	99	90 - 110	P	08/04/2025	15:48	LB136697
	Barium	10100	10000	101	90 - 110	P	08/04/2025	15:48	LB136697
	Cadmium	2340	2500	94	90 - 110	P	08/04/2025	15:48	LB136697
	Chromium	916	1000	92	90 - 110	P	08/04/2025	15:48	LB136697
	Lead	4720	5000	94	90 - 110	P	08/04/2025	15:48	LB136697
	Selenium	5070	5000	101	90 - 110	P	08/04/2025	15:48	LB136697
	Silver	1230	1250	98	90 - 110	P	08/04/2025	15:48	LB136697
CCV05	Arsenic	5050	5000	101	90 - 110	P	08/04/2025	16:51	LB136697
	Barium	10200	10000	102	90 - 110	P	08/04/2025	16:51	LB136697
	Cadmium	2360	2500	94	90 - 110	P	08/04/2025	16:51	LB136697
	Chromium	925	1000	92	90 - 110	P	08/04/2025	16:51	LB136697
	Lead	4760	5000	95	90 - 110	P	08/04/2025	16:51	LB136697
	Selenium	5200	5000	104	90 - 110	P	08/04/2025	16:51	LB136697

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1250	1250	100	90 - 110	P	08/04/2025	16:51	LB136697
CCV06	Arsenic	5210	5000	104	90 - 110	P	08/04/2025	17:41	LB136697
	Barium	10500	10000	105	90 - 110	P	08/04/2025	17:41	LB136697
	Cadmium	2460	2500	98	90 - 110	P	08/04/2025	17:41	LB136697
	Chromium	982	1000	98	90 - 110	P	08/04/2025	17:41	LB136697
	Lead	4950	5000	99	90 - 110	P	08/04/2025	17:41	LB136697
	Selenium	5380	5000	108	90 - 110	P	08/04/2025	17:41	LB136697
	Silver	1300	1250	104	90 - 110	P	08/04/2025	17:41	LB136697
CCV07	Arsenic	5180	5000	104	90 - 110	P	08/04/2025	17:58	LB136697
	Barium	10500	10000	105	90 - 110	P	08/04/2025	17:58	LB136697
	Cadmium	2460	2500	98	90 - 110	P	08/04/2025	17:58	LB136697
	Chromium	966	1000	97	90 - 110	P	08/04/2025	17:58	LB136697
	Lead	4950	5000	99	90 - 110	P	08/04/2025	17:58	LB136697
	Selenium	5300	5000	106	90 - 110	P	08/04/2025	17:58	LB136697
	Silver	1280	1250	103	90 - 110	P	08/04/2025	17:58	LB136697

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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Arsenic	20.1	20.0	101	65 - 135	P	08/04/2025	11:57	LB136697
	Barium	103	100	103	65 - 135	P	08/04/2025	11:57	LB136697
	Cadmium	6.14	6.0	102	65 - 135	P	08/04/2025	11:57	LB136697
	Chromium	9.85	10.0	98	65 - 135	P	08/04/2025	11:57	LB136697
	Lead	11.2	12.0	93	65 - 135	P	08/04/2025	11:57	LB136697
	Selenium	22.0	20.0	110	65 - 135	P	08/04/2025	11:57	LB136697
	Silver	11.1	10.0	110	65 - 135	P	08/04/2025	11:57	LB136697
CRA	Mercury	0.24	0.2	119	70 - 130	CV	08/06/2025	09:19	LB136721

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	9.45			-20	20	08/04/2025	12:01	LB136697
	Barium	6.24	6.0	104	-94	106	08/04/2025	12:01	LB136697
	Cadmium	-0.56	1.0	56	-5	7	08/04/2025	12:01	LB136697
	Chromium	56.1	52.0	108	42	62	08/04/2025	12:01	LB136697
	Lead	-8.46			-12	12	08/04/2025	12:01	LB136697
	Selenium	0.23			-20	20	08/04/2025	12:01	LB136697
	Silver	2.22			-10	10	08/04/2025	12:01	LB136697
ICSAB01	Arsenic	106	104	102	88.4	120	08/04/2025	12:05	LB136697
	Barium	510	537	95	437	637	08/04/2025	12:05	LB136697
	Cadmium	983	972	101	826	1120	08/04/2025	12:05	LB136697
	Chromium	553	542	102	460	624	08/04/2025	12:05	LB136697
	Lead	37.5	49.0	76	37	61	08/04/2025	12:05	LB136697
	Selenium	42.1	46.0	92	26	66	08/04/2025	12:05	LB136697
	Silver	214	201	106	170	232	08/04/2025	12:05	LB136697

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2743

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q2753-02 **client id:** 289MS

Percent Solids for Sample: NA **Spiked ID:** Q2753-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4200		100	U	4000	105		P
Barium	ug/L	75 - 125	1610		348	J	1000	126	N	P
Cadmium	ug/L	75 - 125	954		30.0	U	1000	95		P
Chromium	ug/L	75 - 125	1970		37.4	J	2000	97		P
Lead	ug/L	75 - 125	4560		60.0	U	5000	91		P
Mercury	ug/L	75 - 125	39.9		2.00	U	40.0	100		CV
Selenium	ug/L	75 - 125	10800		100	U	10000	108		P
Silver	ug/L	75 - 125	385		50.0	U	380	101		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2743

contract: GENV01 **lab code:** ACE

matrix: Water **sample id:** Q2753-02 **client id:** 289MSD

Percent Solids for Sample: NA **Spiked ID:** Q2753-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3790		100	U	4000	95		P
Barium	ug/L	75 - 125	1420		348	J	1000	107		P
Cadmium	ug/L	75 - 125	864		30.0	U	1000	86		P
Chromium	ug/L	75 - 125	1820		37.4	J	2000	89		P
Lead	ug/L	75 - 125	4100		60.0	U	5000	82		P
Mercury	ug/L	75 - 125	38.3		2.00	U	40.0	96		CV
Selenium	ug/L	75 - 125	9710		100	U	10000	97		P
Silver	ug/L	75 - 125	337		50.0	U	380	89		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** 289A

Sample ID: Q2753-02 **Spiked ID:** Q2753-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	75 - 125	1520		348	J	1000	117		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2753-02 **Client ID:** 289DUP

Percent Solids for Sample: NA **Duplicate ID** Q2753-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	348	J	587		51		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	37.4	J	67.2		57		P
Lead	ug/L	20	60.0	U	60.0	U			P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q2753-02MS **Client ID:** 289MSD

Percent Solids for Sample: NA **Duplicate ID** Q2753-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4200		3790		10		P
Barium	ug/L	20	1610		1420		13		P
Cadmium	ug/L	20	954		864		10		P
Chromium	ug/L	20	1970		1820		8		P
Lead	ug/L	20	4560		4100		11		P
Mercury	ug/L	20	39.9		38.3		4		CV
Selenium	ug/L	20	10800		9710		11		P
Silver	ug/L	20	385		337		13		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169101BS							
Arsenic	ug/L	4000	4170		104	80 - 120	P
Barium	ug/L	1000	1100		110	80 - 120	P
Cadmium	ug/L	1000	965		96	80 - 120	P
Chromium	ug/L	2000	1970		98	80 - 120	P
Lead	ug/L	5000	4900		98	80 - 120	P
Selenium	ug/L	10000	10800		108	80 - 120	P
Silver	ug/L	380	405		107	80 - 120	P

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169140BS							
Mercury	ug/L	4.0	4.08		102	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

289L

Lab Name: Alliance **Contract:** GENV01

Lab Code: ACE **Lb No.:** lb136697 **Lab Sample ID :** Q2753-02L **SDG No.:** Q2743

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	100	U	500	U			P
Barium	348	J	2500	U	100.0		P
Cadmium	30.0	U	150	U			P
Chromium	37.4	J	250	U	100.0		P
Lead	60.0	U	300	U			P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

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metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2743

Instrument id number: **Method:** **Run number:** LB136697

Start date: 08/04/2025 **End date:** 08/04/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1115	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1120	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1124	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1128	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1132	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1136	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1141	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1145	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1152	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1157	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1201	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1205	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1225	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1229	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1337	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1341	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1443	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1454	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1548	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1553	Ag,As,Ba,Cd,Cr,Pb,Se
Q2743-02	WC1	1	1616	Ag,As,Ba,Cd,Cr,Pb,Se
Q2753-02DUP	289DUP	1	1625	Ag,As,Ba,Cd,Cr,Pb,Se
Q2753-02L	289L	5	1630	Ag,As,Ba,Cd,Cr,Pb,Se
Q2753-02MS	289MS	1	1634	Ag,As,Ba,Cd,Cr,Pb,Se
Q2753-02MSD	289MSD	1	1638	Ag,As,Ba,Cd,Cr,Pb,Se
Q2753-02A	289A	1	1642	Ba
PB169079TB	PB169079TB	1	1646	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1651	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1655	Ag,As,Ba,Cd,Cr,Pb,Se
PB169101BL	PB169101BL	1	1659	Ag,As,Ba,Cd,Cr,Pb,Se
PB169101BS	PB169101BS	1	1704	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1741	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1745	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1758	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1802	Ag,As,Ba,Cd,Cr,Pb,Se

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metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: ACE **Sdg no.:** Q2743

Instrument id number: **Method:** **Run number:** LB136721

Start date: 08/06/2025 **End date:** 08/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0855	HG
S0.2	S0.2	1	0858	HG
S2.5	S2.5	1	0900	HG
S5	S5	1	0902	HG
S7.5	S7.5	1	0905	HG
S10	S10	1	0907	HG
ICV54	ICV54	1	0910	HG
ICB54	ICB54	1	0912	HG
CCV89	CCV89	1	0914	HG
CCB89	CCB89	1	0917	HG
CRA	CRA	1	0919	HG
PB169140BL	PB169140BL	1	0928	HG
PB169140BS	PB169140BS	1	0931	HG
Q2743-02	WC1	1	0935	HG
Q2753-02DUP	289DUP	1	0940	HG
Q2753-02MS	289MS	1	0945	HG
CCV90	CCV90	1	0949	HG
CCB90	CCB90	1	0951	HG
Q2753-02MSD	289MSD	1	0953	HG
PB169079TB	PB169079TB	1	0955	HG
Q2753-02L	289L	5	0958	HG
CCV91	CCV91	1	1002	HG
CCB91	CCB91	1	1004	HG

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q2743	**OrderDate:**	7/31/2025 4:05:00 PM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2743-01	**WC1**	**SOIL**			**07/31/25**			**07/31/25**
			Mercury	7471B		07/31/25	08/01/25	
			Metals ICP-TAL	6010D		08/04/25	08/04/25	
Q2743-02	**WC1**	**TCLP**			**07/31/25**			**07/31/25**
			TCLP ICP Metals	6010D		08/04/25	08/04/25	
			TCLP Mercury	7470A		08/05/25	08/06/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169101**						
PB169079TB	PB169079TB	MB	WATER	08/04/2025	5.0	25.0	
PB169101BL	PB169101BL	MB	WATER	08/04/2025	5.0	25.0	
PB169101BS	PB169101BS	LCS	WATER	08/04/2025	5.0	25.0	
Q2743-02	WC1	SAM	WATER	08/04/2025	5.0	25.0	
Q2753-02DUP	289DUP	DUP	WATER	08/04/2025	5.0	25.0	
Q2753-02MS	289MS	MS	WATER	08/04/2025	5.0	25.0	
Q2753-02MSD	289MSD	MSD	WATER	08/04/2025	5.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2743

Contract: GENV01 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB169140**						
PB169079TB	PB169079TB	MB	WATER	08/05/2025	3.0	30.0	
PB169140BL	PB169140BL	MB	WATER	08/05/2025	30.0	30.0	
PB169140BS	PB169140BS	LCS	WATER	08/05/2025	30.0	30.0	
Q2743-02	WC1	SAM	WATER	08/05/2025	3.0	30.0	
Q2753-02DUP	289DUP	DUP	WATER	08/05/2025	3.0	30.0	
Q2753-02MS	289MS	MS	WATER	08/05/2025	3.0	30.0	
Q2753-02MSD	289MSD	MSD	WATER	08/05/2025	3.0	30.0	

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/04/25 11:15		Jaswal	OK
2	S1	S1	CAL2	08/04/25 11:20		Jaswal	OK
3	S2	S2	CAL3	08/04/25 11:24		Jaswal	OK
4	S3	S3	CAL4	08/04/25 11:28		Jaswal	OK
5	S4	S4	CAL5	08/04/25 11:32		Jaswal	OK
6	S5	S5	CAL6	08/04/25 11:36		Jaswal	OK
7	ICV01	ICV01	ICV	08/04/25 11:41		Jaswal	OK
8	LLICV01	LLICV01	LLICV	08/04/25 11:45		Jaswal	OK
9	ICB01	ICB01	ICB	08/04/25 11:52		Jaswal	OK
10	CRI01	CRI01	CRDL	08/04/25 11:57		Jaswal	OK
11	ICSA01	ICSA01	ICSA	08/04/25 12:01		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	08/04/25 12:05		Jaswal	OK
13	ICSADL	ICSADL	ICSA	08/04/25 12:09		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	08/04/25 12:14		Jaswal	OK
15	CCV01	CCV01	CCV	08/04/25 12:25		Jaswal	OK
16	CCB01	CCB01	CCB	08/04/25 12:29		Jaswal	OK
17	PB169076BL	PB169076BL	MB	08/04/25 12:55		Jaswal	OK
18	PB169076BS	PB169076BS	LCS	08/04/25 13:00		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

19	Q2725-02DL	CompDL	SAM	08/04/25 13:04	Straight 5x dilution for all elements	Jaswal	OK
20	Q2725-02DUPDL	CompDUPDL	DUP	08/04/25 13:08	Straight 5x dilution for all elements	Jaswal	OK
21	Q2725-02LDL	CompLDL	SD	08/04/25 13:12	Straight 25x dilution for all elements	Jaswal	OK
22	Q2725-02MSDL	CompMSDL	MS	08/04/25 13:16	Straight 5x dilution for all elements	Jaswal	OK
23	Q2725-02MSDDL	CompMSDDL	MSD	08/04/25 13:20	Straight 5x dilution for all elements	Jaswal	OK
24	Q2725-02ADL	CompADL	PS	08/04/25 13:24	Straight 5x dilution for all elements (0.1ml m6004,m6013-10ml sample before dilution)	Jaswal	OK
25	PB169078BL	PB169078BL	MB	08/04/25 13:29		Jaswal	OK
26	PB169078BS	PB169078BS	LCS	08/04/25 13:33		Jaswal	OK
27	CCV02	CCV02	CCV	08/04/25 13:37		Jaswal	OK
28	CCB02	CCB02	CCB	08/04/25 13:41		Jaswal	OK
29	Q2733-01	TW-WTS-12	SAM	08/04/25 13:45		Jaswal	OK
30	Q2733-01DUP	TW-WTS-12DUP	DUP	08/04/25 13:50		Jaswal	OK
31	Q2733-01L	TW-WTS-12L	SD	08/04/25 13:54		Jaswal	OK
32	Q2733-01MS	TW-WTS-12MS	MS	08/04/25 13:59		Jaswal	OK
33	Q2733-01MSD	TW-WTS-12MSD	MSD	08/04/25 14:03		Jaswal	OK
34	Q2733-01A	TW-WTS-12A	PS	08/04/25 14:07	0.1ml m6004,m6013-10ml sample	Jaswal	OK
35	Q2742-01	9 Banker	SAM	08/04/25 14:12		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

36	Q2734-01	VNJ-253	SAM	08/04/25 14:17		Jaswal	OK
37	Q2741-01	TR-05-07312025	SAM	08/04/25 14:21		Jaswal	OK
38	Q2743-01	WC1	SAM	08/04/25 14:25		Jaswal	OK
39	CCV03	CCV03	CCV	08/04/25 14:43		Jaswal	OK
40	CCB03	CCB03	CCB	08/04/25 14:54		Jaswal	OK
41	Q2753-01	289	SAM	08/04/25 14:58		Jaswal	OK
42	Q2758-01	WASTE	SAM	08/04/25 15:03	%soil missing	Jaswal	OK
43	PB169096BL	PB169096BL	MB	08/04/25 15:07		Jaswal	OK
44	Q2740-01	OR-02-07312025	SAM	08/04/25 15:15		Jaswal	OK
45	Q2740-01DUP	OR-02-07312025DUP	DUP	08/04/25 15:19		Jaswal	OK
46	Q2740-01L	OR-02-07312025L	SD	08/04/25 15:23		Jaswal	OK
47	Q2740-01MS	OR-02-07312025MS	MS	08/04/25 15:27		Jaswal	OK
48	Q2740-01MSD	OR-02-07312025MSD	MSD	08/04/25 15:31		Jaswal	OK
49	Q2740-01A	OR-02-07312025A	PS	08/04/25 15:35	0.1ml m6004,m6013-10ml sample	Jaswal	OK
50	PB169096BS	PB169096BS	LCS	08/04/25 15:39		Jaswal	OK
51	CCV04	CCV04	CCV	08/04/25 15:48		Jaswal	OK
52	CCB04	CCB04	CCB	08/04/25 15:53		Jaswal	OK
53	Q2734-02	VNJ-253	SAM	08/04/25 16:08		Jaswal	OK
54	Q2703-05	TP-4	SAM	08/04/25 16:12		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

55	Q2743-02	WC1	SAM	08/04/25 16:16		Jaswal	OK
56	Q2753-02	289	SAM	08/04/25 16:21		Jaswal	OK
57	Q2753-02DUP	289DUP	DUP	08/04/25 16:25		Jaswal	OK
58	Q2753-02L	289L	SD	08/04/25 16:30		Jaswal	OK
59	Q2753-02MS	289MS	MS	08/04/25 16:34		Jaswal	OK
60	Q2753-02MSD	289MSD	MSD	08/04/25 16:38		Jaswal	OK
61	Q2753-02A	289A	PS	08/04/25 16:42	0.1ml m6004,m6013-10ml sample	Jaswal	OK
62	PB169079TB	PB169079TB	MB	08/04/25 16:46		Jaswal	OK
63	CCV05	CCV05	CCV	08/04/25 16:51		Jaswal	OK
64	CCB05	CCB05	CCB	08/04/25 16:55		Jaswal	OK
65	PB169101BL	PB169101BL	MB	08/04/25 16:59		Jaswal	OK
66	PB169101BS	PB169101BS	LCS	08/04/25 17:04		Jaswal	OK
67	Q2745-01	RW8-SP100-2025073	SAM	08/04/25 17:08		Jaswal	OK
68	Q2745-02	RW8-SP303-2025073	SAM	08/04/25 17:12		Jaswal	OK
69	Q2756-01	71725	SAM	08/04/25 17:16	CCV fail for Tl	Jaswal	Not Ok
70	Q2756-01DUP	71725DUP	DUP	08/04/25 17:20	CCV fail for Tl	Jaswal	Not Ok
71	Q2756-01L	71725L	SD	08/04/25 17:25	CCV fail for Tl	Jaswal	Not Ok
72	Q2756-01MS	71725MS	MS	08/04/25 17:29	CCV fail for Tl	Jaswal	Not Ok
73	Q2756-01MSD	71725MSD	MSD	08/04/25 17:33	CCV fail for Tl	Jaswal	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136697

Review By	Janvi	Review On	8/5/2025 10:04:40 AM
Supervise By	jaswal	Supervise On	8/6/2025 7:45:51 AM

STD. NAME	STD REF.#
ICAL Standard	MP86452,MP86453,MP86454,MP86455,MP86456,MP86458
ICV Standard	MP86459
CCV Standard	MP86462
ICSA Standard	MP86460,MP86461
CRI Standard	MP86458
LCS Standard	
Chk Standard	MP86463,MP86464

74	Q2756-01A	71725A	PS	08/04/25 17:37	CCV fail for Tl	Jaswal	Not Ok
75	CCV06	CCV06	CCV	08/04/25 17:41	CCV fail for Tl	Jaswal	OK
76	CCB06	CCB06	CCB	08/04/25 17:45		Jaswal	OK
77	PB169098BL	PB169098BL	MB	08/04/25 17:49	CCV fail for Tl	Jaswal	Not Ok
78	PB169098BS	PB169098BS	LCS	08/04/25 17:54	CCV fail for Tl	Jaswal	Not Ok
79	CCV07	CCV07	CCV	08/04/25 17:58		Jaswal	OK
80	CCB07	CCB07	CCB	08/04/25 18:02		Jaswal	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136721

Review By	MOHAN	Review On	8/8/2025 1:20:55 PM
Supervise By	jaswal	Supervise On	8/8/2025 1:24:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP86620,MP86621,MP86622,MP86623,MP86624,MP86625,MP86626
ICV Standard	MP86628
CCV Standard	MP86631
ICSA Standard	
CRI Standard	MP86633
LCS Standard	
Chk Standard	MP86630,MP86632,MP86634,MP86637

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	08/06/25 08:55		MOHAN	OK
2	S0.2	S0.2	CAL2	08/06/25 08:58		MOHAN	OK
3	S2.5	S2.5	CAL3	08/06/25 09:00		MOHAN	OK
4	S5	S5	CAL4	08/06/25 09:02		MOHAN	OK
5	S7.5	S7.5	CAL5	08/06/25 09:05		MOHAN	OK
6	S10	S10	CAL6	08/06/25 09:07		MOHAN	OK
7	ICV54	ICV54	ICV	08/06/25 09:10		MOHAN	OK
8	ICB54	ICB54	ICB	08/06/25 09:12		MOHAN	OK
9	CCV89	CCV89	CCV	08/06/25 09:14		MOHAN	OK
10	CCB89	CCB89	CCB	08/06/25 09:17		MOHAN	OK
11	CRA	CRA	CRDL	08/06/25 09:19		MOHAN	OK
12	HighStd	HighStd	HIGH STD	08/06/25 09:21		MOHAN	OK
13	ChkStd	ChkStd	SAM	08/06/25 09:26		MOHAN	OK
14	PB169140BL	PB169140BL	MB	08/06/25 09:28		MOHAN	OK
15	PB169140BS	PB169140BS	LCS	08/06/25 09:31		MOHAN	OK
16	Q2734-02	VNJ-253	SAM	08/06/25 09:33		MOHAN	OK
17	Q2743-02	WC1	SAM	08/06/25 09:35		MOHAN	OK
18	Q2753-02	289	SAM	08/06/25 09:38		MOHAN	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136721

Review By	MOHAN	Review On	8/8/2025 1:20:55 PM
Supervise By	jaswal	Supervise On	8/8/2025 1:24:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP86620,MP86621,MP86622,MP86623,MP86624,MP86625,MP86626
ICV Standard	MP86628
CCV Standard	MP86631
ICSA Standard	
CRI Standard	MP86633
LCS Standard	
Chk Standard	MP86630,MP86632,MP86634,MP86637

19	Q2753-02DUP	289DUP	DUP	08/06/25 09:40		MOHAN	OK
20	Q2753-02MS	289MS	MS	08/06/25 09:45		MOHAN	OK
21	CCV90	CCV90	CCV	08/06/25 09:49		MOHAN	OK
22	CCB90	CCB90	CCB	08/06/25 09:51		MOHAN	OK
23	Q2753-02MSD	289MSD	MSD	08/06/25 09:53		MOHAN	OK
24	PB169079TB	PB169079TB	MB	08/06/25 09:55		MOHAN	OK
25	Q2753-02L	289L	SD	08/06/25 09:58		MOHAN	OK
26	Q2753-02A	289A	PS	08/06/25 10:00		MOHAN	OK
27	CCV91	CCV91	CCV	08/06/25 10:02		MOHAN	OK
28	CCB91	CCB91	CCB	08/06/25 10:04		MOHAN	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB169101

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 08/04/2025 **Time :** 12:30 **Temp :** 96 °C

End Digest Date: 08/04/2025 **Time :** 15:32 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SLS

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6015
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/04/25 ~~16:00~~ 15:50	SLS MET DIG	Mark Lee
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB169079TB	PB169079TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	14
PB169101BL	PBW101	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	15
PB169101BS	LCS101	<2	5	25	Colorless	Colorless	Clear	Clear	MP6007,MP6015	16
Q2703-05	TP-4	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	17
Q2734-02	VNJ-253	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	18
Q2743-02	WC1	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	19
Q2753-02	289	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	20
Q2753-02MS	289MS	<2	5	25	Colorless	Colorless	Clear	Clear	MP6007,MP6015	22
Q2753-02MSD	289MSD	<2	5	25	Colorless	Colorless	Clear	Clear	MP6007,MP6015	23
Q2753-02DUP	289DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	21

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB169140

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 08/05/2025 **Time :** 12:33 **Temp :** 95 °C

End Digest Date: 08/05/2025 **Time :** 14:35 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: SKG.

Supervisor Signature:

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86628
CCV	30mL	MP86631
CRA	30mL	MP86633
Blank Spike	0.48mL	MP86620
Matrix Spike	0.48mL	MP86620

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP86621
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86622
2.5 ppb	S2.5	30mL	MP86623
5.0 ppb	S5.0	30mL	MP86624
7.5 ppb	S7.5	30mL	MP86625
10.0 ppb	S10.0	30mL	MP86626
ICV	ICV	30mL	MP86628
ICB	ICB	30mL	MP86630
CCV	CCV	30mL	MP86631
CCB	CCB	30mL	MP86632
CRI	CRI	30mL	MP86633
CHK STD	CHK STD	30mL	MP86634

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/05/25 15:35	SKG met dig	
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB169079TB	PB169079TB	3	30	<2	N/A	1-1
PB169140BL	PBW140	30	30	<2	MP86620	2
PB169140BS	LCS140	30	30	<2	N/A	3
Q2734-02	VNJ-253	3	30	<2	N/A	4
Q2743-02	WC1	3	30	<2	N/A	5
Q2753-02	289	3	30	<2	N/A	6
Q2753-02MS	289MS	3	30	<2	MP86620	8
Q2753-02MSD	289MSD	3	30	<2	MP86620	9
Q2753-02DUP	289DUP	3	30	<2	N/A	7

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TCLP EXTRACTION LOGPAGE

PB169079

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1

TCLP Filter ID : 115525

Start Prep Date : 08/01/2025 **Time :** 17:00

End Prep Date : 08/02/2025 **Time :** 11:25

Combination Ratio : 20

ZHE Cleaning Batch : 10 N/A

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : JZ

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112804
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMMBLER T-1 checked,30 rpm. Particle size reduction is not required. q2753-02 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/04/25 10:30	JP / Lab Room	SHS. RJ/EH
	Preparation Group	Analysis Group WET DEY

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB169079

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB169079TB	LEB079	05	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1
Q2703-05	TP-4	01	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q2734-02	VNJ-253	02	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q2743-02	WC1	03	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2753-02	289	04	100.01	2000	N/A	N/A	N/A	6.0	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB169079TB	LEB079	N/A	N/A	N/A	N/A	N/A	N/A
Q2703-05	TP-4	N/A	N/A	N/A	N/A	100	N/A
Q2734-02	VNJ-253	N/A	N/A	N/A	N/A	100	N/A
Q2743-02	WC1	N/A	N/A	N/A	N/A	100	N/A
Q2753-02	289	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB169079

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB169079TB	LEB079	N/A	N/A	N/A	N/A	#1	4.94
Q2703-05	TP-4	5.02	96.5	7.6	2.5	#1	4.94
Q2734-02	VNJ-253	5.03	96.5	8.6	3.0	#1	4.94
Q2743-02	WC1	5.02	96.5	7.6	2.5	#1	4.94
Q2753-02	289	5.01	96.5	8.0	3.0	#1	4.94

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25 15:30
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-01	Matrix:	SOIL
		% Solid:	78.3

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		08/01/25 10:25	9095B
pH	7.75	H	1	0	0	pH		08/01/25 11:54	9045D

Comments: pH result reported at temperature 24.4 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25 15:30
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	7.75	H	1	0	0	pH		08/01/25 12:24	9045D
Ignitability	NO		1	0	0	oC		08/01/25 09:25	1030
Reactive Cyanide	0.013	J	1	0.0084	0.050	mg/Kg	08/01/25 09:05	08/01/25 12:13	9012B
Reactive Sulfide	3.16	J	1	0.20	10.0	mg/Kg	08/01/25 11:10	08/01/25 14:35	9034

Comments: pH result reported at temperature 24.4 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

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Initial and Continuing Calibration Verification

Client: G Environmental **SDG No.:** Q2743

Project: Capra **RunNo.:** LB136670

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Reactive Cyanide	mg/L	0.092	0.099	93	85-115	08/01/2025
Sample ID: CCV1						
Reactive Cyanide	mg/L	0.25	0.25	100	90-110	08/01/2025
Sample ID: CCV2						
Reactive Cyanide	mg/L	0.25	0.25	100	90-110	08/01/2025
Sample ID: CCV3						
Reactive Cyanide	mg/L	0.25	0.25	100	90-110	08/01/2025

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Initial and Continuing Calibration Verification

Client:	G Environmental	**SDG No.:**	Q2743
Project:	Capra	**RunNo.:**	LB136674

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
pH	pH	7.00	7	100	90-110	08/01/2025
Sample ID: **CCV1**						
pH	pH	2.01	2.00	101	90-110	08/01/2025
Sample ID: **CCV2**						
pH	pH	12.02	12	100	90-110	08/01/2025

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Initial and Continuing Calibration Verification

Client:	G Environmental	**SDG No.:**	Q2743
Project:	Capra	**RunNo.:**	LB136676

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV**						
Corrosivity		pH	7.00	7	100	90-110	08/01/2025
Sample ID:	**CCV1**						
Corrosivity		pH	2.00	2.00	100	90-110	08/01/2025
Sample ID:	**CCV2**						
Corrosivity		pH	12.02	12.00	100	90-110	08/01/2025

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Initial and Continuing Calibration Blank Summary

Client: G Environmental **SDG No.:** Q2743

Project: Capra **RunNo.:** LB136670

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Reactive Cyanide	mg/L	0.0014	0.0025	J	0.00096	0.005	08/01/2025
Sample ID: CCB1							
Reactive Cyanide	mg/L	0.0013	0.0025	J	0.00096	0.005	08/01/2025
Sample ID: CCB2							
Reactive Cyanide	mg/L	0.0015	0.0025	J	0.00096	0.005	08/01/2025
Sample ID: CCB3							
Reactive Cyanide	mg/L	0.0013	0.0025	J	0.00096	0.005	08/01/2025

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Preparation Blank Summary

Client: G Environmental **SDG No.:** Q2743

Project: Capra

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB169070BL							
Reactive Cyanide	mg/Kg	0.014	0.0250	J	0.0084	0.05	08/01/2025
Sample ID: PB169071BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	08/01/2025

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Duplicate Sample Summary

Client: G Environmental
Project: Capra
Client ID: WBR-PBODUP
SDG No.: Q2743
Sample ID: Q2726-01
Percent Solids for Spike Sample: 80.5

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Paint Filter	ml/100gm	+/-20	1.00	U	1.00	U	1	0		08/01/2025

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Duplicate Sample Summary

Client: G Environmental
SDG No.: Q2743
Project: Capra
Sample ID: Q2728-01
Client ID: 7211931-VNJ240DUP
Percent Solids for Spike Sample: 93.8

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ignitability	oC	+/-20	NO		NO		1	0		08/01/2025

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Duplicate Sample Summary

Client: G Environmental
SDG No.: Q2743
Project: Capra
Sample ID: Q2728-02
Client ID: 7211931-VNJ240DUP
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Cyanide	mg/Kg	+/-20	0.013	J	0.013	J	1	0		08/01/2025
Reactive Sulfide	mg/Kg	+/-20	4.78	J	4.78	J	1	0		08/01/2025

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Duplicate Sample Summary

Client: G Environmental
Project: Capra
Client ID: VNJ-253DUP
SDG No.: Q2743
Sample ID: Q2734-02
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Corrosivity	pH	+/-20	8.61		8.60		1	0.12		08/01/2025

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Fax : 908 789 8922

Duplicate Sample Summary

Client: G Environmental
Project: Capra
Client ID: WC1DUP
SDG No.: Q2743
Sample ID: Q2743-01
Percent Solids for Spike Sample: 78.3

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	7.75		7.74		1	0.13		08/01/2025

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Fax : 908 789 8922

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB136670

Review By	rubina	Review On	8/1/2025 4:03:04 PM
Supervise By	Iwona	Supervise On	8/1/2025 4:03:50 PM
SubDirectory	LB136670	Test	Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP114136,WP114137,WP114138,WP114139,WP114140,WP114141,WP114142
ICV Standard	WP114143
CCV Standard	WP114137
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP112643,WP112900,WP114144

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	08/01/25 10:54		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	08/01/25 10:54		rubina	OK
3	10PPBCN	10PPBCN	CAL3	08/01/25 10:54		rubina	OK
4	50PPBCN	50PPBCN	CAL4	08/01/25 10:54		rubina	OK
5	100PPBCN	100PPBCN	CAL5	08/01/25 10:54		rubina	OK
6	250PPBCN	250PPBCN	CAL6	08/01/25 10:54		rubina	OK
7	500PPBCN	500PPBCN	CAL7	08/01/25 10:54		rubina	OK
8	ICV1	ICV1	ICV	08/01/25 12:06		rubina	OK
9	ICB1	ICB1	ICB	08/01/25 12:06		rubina	OK
10	CCV1	CCV1	CCV	08/01/25 12:06		rubina	OK
11	CCB1	CCB1	CCB	08/01/25 12:06		rubina	OK
12	PB169070BL	PB169070BL	MB	08/01/25 12:06		rubina	OK
13	Q2728-02	7211931-VNJ240	SAM	08/01/25 12:06		rubina	OK
14	Q2728-02DUP	7211931-VNJ240DUP	DUP	08/01/25 12:13		rubina	OK
15	Q2743-02	WC1	SAM	08/01/25 12:13		rubina	OK
16	Q2734-02	VNJ-253	SAM	08/01/25 12:13		rubina	OK
17	Q2737-01	OILY-DEBRIS	SAM	08/01/25 12:13		rubina	OK
18	PB169083BL	PB169083BL	MB	08/01/25 12:13		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB136670

Review By	rubina	Review On	8/1/2025 4:03:04 PM
Supervise By	Iwona	Supervise On	8/1/2025 4:03:50 PM
SubDirectory	LB136670	Test	Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP114136,WP114137,WP114138,WP114139,WP114140,WP114141,WP114142
ICV Standard	WP114143
CCV Standard	WP114137
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP112643,WP112900,WP114144

19	Q2736-02	4023	SAM	08/01/25 12:13		rubina	OK
20	Q2736-02DUP	4023DUP	DUP	08/01/25 12:21		rubina	OK
21	Q2736-03	4043	SAM	08/01/25 12:21		rubina	OK
22	CCV2	CCV2	CCV	08/01/25 12:21		rubina	OK
23	CCB2	CCB2	CCB	08/01/25 12:21		rubina	OK
24	Q2736-04	4044	SAM	08/01/25 12:21		rubina	OK
25	Q2737-02	OILY-WATER	SAM	08/01/25 12:21		rubina	OK
26	CCV3	CCV3	CCV	08/01/25 12:26		rubina	OK
27	CCB3	CCB3	CCB	08/01/25 12:26		rubina	OK

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Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QCBatch ID # LB136673

Review By	Eman	Review On	8/1/2025 1:41:24 PM
Supervise By	Iwona	Supervise On	8/1/2025 1:51:27 PM
SubDirectory	LB136673	Test	Ignitability

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q2728-01	7211931-VNJ240	SAM	08/01/25 08:40		Iwona	OK
2	Q2728-01DUP	7211931-VNJ240DUP	DUP	08/01/25 08:47		Iwona	OK
3	Q2728-02	7211931-VNJ240	SAM	08/01/25 08:55		Iwona	OK
4	Q2734-01	VNJ-253	SAM	08/01/25 09:02		Iwona	OK
5	Q2734-02	VNJ-253	SAM	08/01/25 09:10		Iwona	OK
6	Q2737-01	OILY-DEBRIS	SAM	08/01/25 09:17		Iwona	OK
7	Q2743-02	WC1	SAM	08/01/25 09:25		Iwona	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136674

Review By	Eman	Review On	8/1/2025 1:54:30 PM
Supervise By	Iwona	Supervise On	8/1/2025 2:14:27 PM
SubDirectory	LB136674	Test	pH

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	08/01/25 11:00		Rubina	OK
2	CAL2	CAL2	CAL	08/01/25 11:03		Rubina	OK
3	CAL3	CAL3	CAL	08/01/25 11:05		Rubina	OK
4	ICV	ICV	ICV	08/01/25 11:08		Rubina	OK
5	CCV1	CCV1	CCV	08/01/25 11:50		Rubina	OK
6	Q2743-01	WC1	SAM	08/01/25 11:54		Rubina	OK
7	Q2743-01DUP	WC1DUP	DUP	08/01/25 11:58		Rubina	OK
8	CCV2	CCV2	CCV	08/01/25 12:03		Rubina	OK

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Instrument ID: FILTER/GRAVIMETRIC

Daily Analysis Runlog For Sequence/QCBatch ID # LB136675

Review By	Eman	Review On	8/1/2025 1:42:13 PM
Supervise By	Iwona	Supervise On	8/1/2025 1:51:18 PM
SubDirectory	LB136675	Test	Paint Filter

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	Q2726-01	WBR-PBO	SAM	08/01/25 09:40		Eman	OK
2	Q2726-01DUP	WBR-PBODUP	DUP	08/01/25 09:47		Eman	OK
3	Q2728-01	7211931-VNJ240	SAM	08/01/25 09:55		Eman	OK
4	Q2734-01	VNJ-253	SAM	08/01/25 10:02		Eman	OK
5	Q2740-01	OR-02-07312025	SAM	08/01/25 10:10		Eman	OK
6	Q2741-01	TR-05-07212025	SAM	08/01/25 10:17		Eman	OK
7	Q2743-01	WC1	SAM	08/01/25 10:25		Eman	OK

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Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136676

Review By	Eman	Review On	8/1/2025 2:12:01 PM
Supervise By	Iwona	Supervise On	8/1/2025 2:14:15 PM
SubDirectory	LB136676	Test	Corrosivity

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3178,W3093,W3191,W3217,W3161,W3200

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	08/01/25 11:00		Rubina	OK
2	CAL2	CAL2	CAL	08/01/25 11:03		Rubina	OK
3	CAL3	CAL3	CAL	08/01/25 11:05		Rubina	OK
4	ICV	ICV	ICV	08/01/25 11:08		Rubina	OK
5	CCV1	CCV1	CCV	08/01/25 12:10		Rubina	OK
6	Q2734-02	VNJ-253	SAM	08/01/25 12:13		Rubina	OK
7	Q2734-02DUP	VNJ-253DUP	DUP	08/01/25 12:16		Rubina	OK
8	Q2737-01	OILY-DEBRIS	SAM	08/01/25 12:20		Rubina	OK
9	Q2743-02	WC1	SAM	08/01/25 12:24		Rubina	OK
10	CCV2	CCV2	CCV	08/01/25 12:30		Rubina	OK

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Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QCBatch ID # LB136678

Review By	rubina	Review On	8/1/2025 2:46:00 PM
Supervise By	Iwona	Supervise On	8/1/2025 2:46:09 PM
SubDirectory	LB136678	Test	Reactive Sulfide

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3105,W3213,W3149

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	PB169071BL	PB169071BL	MB	08/01/25 14:20		rubina	OK
2	Q2728-02	7211931-VNJ240	SAM	08/01/25 14:23		rubina	OK
3	Q2728-02DUP	7211931-VNJ240DUP	DUP	08/01/25 14:26		rubina	OK
4	Q2734-02	VNJ-253	SAM	08/01/25 14:29		rubina	OK
5	Q2737-01	OILY-DEBRIS	SAM	08/01/25 14:32		rubina	OK
6	Q2743-02	WC1	SAM	08/01/25 14:35		rubina	OK

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LAB CHRONICLE

OrderID:	Q2743	**OrderDate:**	7/31/2025 4:05:00 PM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2743-01	**WC1**	**SOIL**			**07/31/25 15:30**			**07/31/25**
			Paint Filter	9095B			08/01/25 10:25	
			pH	9045D			08/01/25 11:54	
Q2743-02	**WC1**	**SOIL**			**07/31/25 15:30**			**07/31/25**
			Corrosivity	9045D			08/01/25 12:24	
			Ignitability	1030			08/01/25 09:25	
			Reactive Cyanide	9012B		08/01/25	08/01/25 12:13	
			Reactive Sulfide	9034		08/01/25	08/01/25 14:35	

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Soil/Sludge Reactive Cyanide Preparation Sheet

PB169070

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SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Matrix : SOIL

Pippete ID : N/A

Balance ID : WC SC-7

Hood ID : HOOD#1

Block ID : MC-1,MC-2

Weigh By : RM

Start Digest Date: 08/01/2025 **Time :** 09:05 **Temp :** N/A

End Digest Date: 08/01/2025 **Time :** 10:35 **Temp :** N/A

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : N/A

Prep Technician Signature: RM

Supervisor Signature: 12

Standared Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID		Comment

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/01/2025 10:45	RM (WC)	RM (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Cyanide Preparation Sheet

PB169070

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169070BL	PBS070	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2728-02DUP	7211931-VNJ240DUP	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2728-02	7211931-VNJ240	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2734-02	VNJ-253	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2737-01	OILY-DEBRIS	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2743-02	WC1	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A

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Soil/Sludge Reactive Sulfide Preparation Sheet

PB169071

SOP ID : M9030B-Sulfide-13

SDG No : N/A

Matrix : SOIL

Pippete ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1

Block ID : MC-1,MC-2

Weigh By : RM

Start Digest Date: 08/01/2025 **Time :** 11:10 **Temp :** N/A

End Digest Date: 08/01/2025 **Time :** 12:40 **Temp :** N/A

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : N/A

Prep Technician Signature: RM

Supervisor Signature: 12

Standared Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.5M ZINC ACETATE	5.0ML	WP113086
FORMALDEHYDE	2.0ML	W3220
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

08/01/2025 RM

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Reactive Sulfide Preparation Sheet

PB169071

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169071BL	PBS071	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2728-02DUP	7211931-VNJ240DUP	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2728-02	7211931-VNJ240	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2734-02	VNJ-253	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2737-01	OILY-DEBRIS	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q2743-02	WC1	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2743
COC Number 2047567

12
12.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: GECP INC
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: CAPRA
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GECP INC PO#:
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP: 07876
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE) STANDARD DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) X ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
X EDD FORMAT Excel.

ANALYSIS

1: TCL VOCs
2: TCL BNAs
3: TAL Metals
4: TCL Pesticides
5: RCRA
6: pH, Ignitability
7: Paint Filter
8: PCBs
9: EPH

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	WC1	SO1		X	7/31/25	1530	2	X	X	X	X	X	X	X	X	X
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	7/31/25	1. 15:52
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.9 °C
Comments: CAPRA Waste Class

Page _____ of
CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2743 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 7/31/2025 4:05:00 PM
Project Name : Capra
Receive DateTime : 7/31/2025 3:52:00 PM
Purchase Order :

Project Mgr : Deepak
Report Type : NJ Reduced
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff : 7/31/2025 4:17:25 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2743-01	WC1	Solid	07/31/2025	15:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By :
Date / Time : 8/1/25 9:15

Received By :
Date / Time : 08/01/25 9:15

Storage Area : VOA Refridgerator Room

Reg # 6
FTZ