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

DATA PACKAGE

SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : POWER

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2209

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technicle Group LLC

Client : G Environmental

Project Location : NJ

Project Number :

Laboratory Sample ID(s) : Q2209

Sampling Date(s) : 6/04/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260-Low,8270-Modified,8270E,SOP**

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 : Q2209

Project ID : Power

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2209-01	P01W

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: 6/16/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Power
Project # N/A
Order ID # Q2209
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/04/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1, SVOCMS Group2 and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 8260D.

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

The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration File ID VN086940.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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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: Power
Project # N/A
Order ID # Q2209
Test Name: SVOCMS Group2

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/04/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1, SVOCMS Group2 and VOCMS Group1. This data package contains results for SVOCMS Group2.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group2 was based on method 8270E and extraction was done based on method 3510.

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

The MS {Q2230-03MS} with File ID: BP024879.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[37%], 3-Nitroaniline[65%], 4-Chloroaniline[60%] and Hexachlorobutadiene[55%],these compounds did not meet the NJDKQP criteria but met the in-house criteria

The MSD {Q2230-04MSD} with File ID: BP024880.D recoveries met the acceptable requirements except for 3,3-Dichlorobenzidine[34%], 3-Nitroaniline[61%], 4-Chloroaniline[54%] and Hexachlorobutadiene[57%],these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The RPD met criteria .

The Blank Spike for {PB168323BS} with File ID: BP024873.D met requirements for all samples except for 3,3-Dichlorobenzidine[53%], 3-Nitroaniline[52%] and 4-Chloroaniline[41%],these compounds did not meet the NJDKQP criteria but met the in-house criteria.

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

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: Power
Project # N/A
Order ID # Q2209
Test Name: SVOC-SIMGroup1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/04/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-SIMGroup1, SVOCMS Group2 and VOCMS Group1. This data package contains results for SVOC-SIMGroup1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOC-SIMGroup1 was based on method 8270-Modified and extraction was done based on method 3510.

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

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

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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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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 #: Q2209

	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:** 06/16/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2209

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration		C	MDL	RDL	Units
Client ID:	**P01W**									
Q2209-01	P01W	Water	Tert butyl alcohol		18.1		J	5.50	25.0	ug/L
Q2209-01	P01W	Water	Acetone		5.60			1.50	5.00	ug/L
Q2209-01	P01W	Water	Methyl tert-butyl Ether		1.30			0.16	1.00	ug/L
Q2209-01	P01W	Water	Toluene		0.27		J	0.14	1.00	ug/L
			Total Voc :			25.3				
Q2209-01	P01W	Water	1,2,4-Trimethylbenzene	*	0.56		J	0.14	1.00	ug/L
			Total Tics :			0.56				
			Total Concentration:			25.8				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental		Date Collected:	06/04/25	
Project:	Power		Date Received:	06/04/25	
Client Sample ID:	P01W		SDG No.:	Q2209	
Lab Sample ID:	Q2209-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086960.D	1		06/11/25 19:33	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	18.1	J	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	5.60		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.30		0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental		Date Collected:	06/04/25	
Project:	Power		Date Received:	06/04/25	
Client Sample ID:	P01W		SDG No.:	Q2209	
Lab Sample ID:	Q2209-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624 ID :	0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086960.D	1		06/11/25 19:33	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.27	J	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.5		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	51.8		70 (86) - 130 (113)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	221000	8.236			
540-36-3	1,4-Difluorobenzene	421000	9.106			
3114-55-4	Chlorobenzene-d5	371000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	175000	13.788			

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Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	P01W	SDG No.:	Q2209
Lab Sample ID:	Q2209-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086960.D	1		06/11/25 19:33	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
95-63-6	1,2,4-Trimethylbenzene	0.56	J		13.5	ug/L

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.: Q2209

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2209-01	P01W	1,2-Dichloroethane-d4	50	50.5	101	70 (74)	130 (125)
		Dibromofluoromethane	50	50.6	101	70 (75)	130 (124)
		Toluene-d8	50	51.8	104	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.4	99	70 (77)	130 (121)
VN0611WBL01	VN0611WBL01	1,2-Dichloroethane-d4	50	48.3	97	70 (74)	130 (125)
		Dibromofluoromethane	50	49.3	99	70 (75)	130 (124)
		Toluene-d8	50	51.7	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.4	99	70 (77)	130 (121)
VN0611WBS02	VN0611WBS02	1,2-Dichloroethane-d4	50	47.1	94	70 (74)	130 (125)
		Dibromofluoromethane	50	51.1	102	70 (75)	130 (124)
		Toluene-d8	50	48.7	97	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.0	100	70 (77)	130 (121)
VN0611WBSD0	VN0611WBSD02	1,2-Dichloroethane-d4	50	47.9	96	70 (74)	130 (125)
		Dibromofluoromethane	50	52.3	105	70 (75)	130 (124)
		Toluene-d8	50	49.5	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.1	100	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN086944.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0611WBS02	Dichlorodifluoromethane	20	19.7	ug/L	99			40 (69)	160 (116)	
	Chloromethane	20	16.1	ug/L	81			40 (65)	160 (116)	
	Vinyl chloride	20	18.9	ug/L	95			70 (65)	130 (117)	
	Bromomethane	20	16.6	ug/L	83			40 (58)	160 (125)	
	Chloroethane	20	19.4	ug/L	97			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.2	ug/L	96			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98			70 (80)	130 (112)	
	Tert butyl alcohol	100	92.8	ug/L	93			70 (48)	130 (142)	
	1,1-Dichloroethene	20	19.2	ug/L	96			70 (74)	130 (110)	
	Acetone	100	99.0	ug/L	99			40 (60)	160 (125)	
	Carbon disulfide	20	17.8	ug/L	89			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.6	ug/L	98			70 (78)	130 (114)	
	Methyl Acetate	20	19.0	ug/L	95			70 (67)	130 (125)	
	Methylene Chloride	20	19.0	ug/L	95			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.5	ug/L	93			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.4	ug/L	97			70 (78)	130 (112)	
	Cyclohexane	20	17.6	ug/L	88			70 (75)	130 (110)	
	2-Butanone	100	90.4	ug/L	90			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.2	ug/L	96			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.5	ug/L	98			70 (77)	130 (110)	
	Bromochloromethane	20	19.9	ug/L	100			70 (70)	130 (124)	
	Chloroform	20	19.5	ug/L	98			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.0	ug/L	95			70 (80)	130 (108)	
	Methylcyclohexane	20	16.9	ug/L	85			70 (72)	130 (115)	
	Benzene	20	19.3	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.5	ug/L	98			70 (80)	130 (115)	
	Trichloroethene	20	19.9	ug/L	100			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.6	ug/L	98			70 (83)	130 (111)	
	Bromodichloromethane	20	19.6	ug/L	98			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	98.0	ug/L	98			40 (74)	160 (118)	
	Toluene	20	19.5	ug/L	98			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.9	ug/L	100			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.1	ug/L	101			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.4	ug/L	102			70 (83)	130 (112)	
	2-Hexanone	100	89.2	ug/L	89			40 (73)	160 (117)	
	Dibromochloromethane	20	20.5	ug/L	103			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.7	ug/L	99			70 (81)	130 (110)	
	Tetrachloroethene	20	19.2	ug/L	96			70 (67)	130 (123)	
	Chlorobenzene	20	20.0	ug/L	100			70 (82)	130 (109)	
	Ethyl Benzene	20	19.6	ug/L	98			70 (83)	130 (109)	
	m/p-Xylenes	40	39.6	ug/L	99			70 (82)	130 (110)	
	o-Xylene	20	20.2	ug/L	101			70 (83)	130 (109)	
	Styrene	20	20.1	ug/L	101			70 (80)	130 (111)	
	Bromoform	20	21.0	ug/L	105			70 (79)	130 (109)	
	Isopropylbenzene	20	19.3	ug/L	97			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	21.0	ug/L	105			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.3	ug/L	102			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	20.4	ug/L	102			70 (82)	130 (107)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN086944.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0611WBS02	1,2-Dichlorobenzene	20	20.0	ug/L	100			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	19.2	ug/L	96			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	18.4	ug/L	92			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.8	ug/L	89			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN086945.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0611WBSD02	Dichlorodifluoromethane	20	19.1	ug/L	96	3		40 (69)	160 (116)	20 (19)
	Chloromethane	20	15.5	ug/L	78	4		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	18.7	ug/L	94	1		70 (65)	130 (117)	20 (19)
	Bromomethane	20	16.2	ug/L	81	2		40 (58)	160 (125)	20 (20)
	Chloroethane	20	18.9	ug/L	95	2		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.0	ug/L	95	1		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	18.7	ug/L	94	4		70 (80)	130 (112)	20 (15)
	Tert butyl alcohol	100	98.0	ug/L	98	5		70 (48)	130 (142)	20 (30)
	1,1-Dichloroethene	20	19.1	ug/L	96	0		70 (74)	130 (110)	20 (20)
	Acetone	100	92.4	ug/L	92	7		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	17.2	ug/L	86	3		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.2	ug/L	101	3		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	20.1	ug/L	101	6		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.1	ug/L	96	1		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.6	ug/L	93	0		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.3	ug/L	97	0		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	17.2	ug/L	86	2		70 (75)	130 (110)	20 (20)
	2-Butanone	100	94.9	ug/L	95	5		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	19.5	ug/L	98	2		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.6	ug/L	98	0		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	21.1	ug/L	106	6		70 (70)	130 (124)	20 (20)
	Chloroform	20	19.4	ug/L	97	1		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	18.8	ug/L	94	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	16.6	ug/L	83	2		70 (72)	130 (115)	20 (20)
	Benzene	20	19.7	ug/L	99	2		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.3	ug/L	102	4		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.1	ug/L	101	1		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	20.0	ug/L	100	2		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	20.7	ug/L	104	6		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	100	ug/L	100	2		40 (74)	160 (118)	20 (25)
	Toluene	20	19.9	ug/L	100	2		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	20.7	ug/L	104	4		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.7	ug/L	104	3		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	20.9	ug/L	104	2		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	93.8	ug/L	94	5		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	21.2	ug/L	106	3		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.7	ug/L	104	5		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.5	ug/L	93	3		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	20.2	ug/L	101	1		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	19.3	ug/L	97	1		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	39.5	ug/L	99	0		70 (82)	130 (110)	20 (15)
	o-Xylene	20	20.0	ug/L	100	1		70 (83)	130 (109)	20 (20)
	Styrene	20	20.6	ug/L	103	2		70 (80)	130 (111)	20 (17)
	Bromoform	20	22.4	ug/L	112	6		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.3	ug/L	97	0		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	21.7	ug/L	109	4		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	20.5	ug/L	103	1		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	20.4	ug/L	102	0		70 (82)	130 (107)	20 (15)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN086945.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0611WBSD02	1,2-Dichlorobenzene	20	20.6	ug/L	103	3		70 (82)	130 (109)	20 (20)
	1,2-Dibromo-3-Chloropropane	20	20.8	ug/L	104	8		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.7	ug/L	94	2		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	18.1	ug/L	91	2		70 (76)	130 (114)	20 (29)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0611WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: VN086942.D Lab Sample ID: VN0611WBL01

Date Analyzed: 06/11/2025 Time Analyzed: 12:28

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

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0611WBS02	VN0611WBS02	VN086944.D	06/11/2025
VN0611WBSD02	VN0611WBSD02	VN086945.D	06/11/2025
P01W	Q2209-01	VN086960.D	06/11/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: VN086861.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_N BFB Injection Time: 07:59

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.3
75	30.0 - 60.0% of mass 95	48.1
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	0.7 (1) 1
174	50.0 - 100.0% of mass 95	66.6
175	5.0 - 9.0% of mass 174	4.7 (7.1) 1
176	95.0 - 101.0% of mass 174	65.3 (98.1) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

1-Value is % mass 174 2-Value is % mass 176

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
VSTDICC001	VSTDICC001	VN086862.D	06/06/2025	12:44
VSTDICC005	VSTDICC005	VN086863.D	06/06/2025	13:17
VSTDICC020	VSTDICC020	VN086864.D	06/06/2025	13:40
VSTDICCC050	VSTDICCC050	VN086865.D	06/06/2025	14:03
VSTDICC100	VSTDICC100	VN086866.D	06/06/2025	14:26
VSTDICC150	VSTDICC150	VN086867.D	06/06/2025	14:49

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: VN086939.D BFB Injection Date: 06/11/2025

Instrument ID: MSVOA_N BFB Injection Time: 10:22

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.7
75	30.0 - 60.0% of mass 95	46.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	71.1
175	5.0 - 9.0% of mass 174	5.4 (7.5) 1
176	95.0 - 101.0% of mass 174	68.8 (96.8) 1
177	5.0 - 9.0% of mass 176	4.8 (7) 2

1-Value is % mass 174 2-Value is % mass 176

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
VSTDCCC050	VSTDCCC050	VN086940.D	06/11/2025	11:32
VN0611WBL01	VN0611WBL01	VN086942.D	06/11/2025	12:28
VN0611WBS02	VN0611WBS02	VN086944.D	06/11/2025	13:27
VN0611WBSD02	VN0611WBSD02	VN086945.D	06/11/2025	14:01
P01W	Q2209-01	VN086960.D	06/11/2025	19:33

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: VN086940.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	205098	8.23	357643	9.11	312173	11.87
UPPER LIMIT	410196	8.73	715286	9.606	624346	12.365
LOWER LIMIT	102549	7.73	178822	8.606	156087	11.365
EPA SAMPLE NO.						
P01W	221108	8.24	420559	9.11	370668	11.87
VN0611WBL01	328120	8.23	618651	9.11	543433	11.87
VN0611WBS02	206799	8.24	370524	9.11	321188	11.87
VN0611WBSD02	199904	8.23	354069	9.11	310598	11.87

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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: VN086940.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

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

	IS4 AREA #	RT #				
12 HOUR STD	152136	13.788				
UPPER LIMIT	304272	14.288				
LOWER LIMIT	76068	13.288				
EPA SAMPLE NO.						
P01W	175389	13.79				
VN0611WBL01	257257	13.79				
VN0611WBS02	157403	13.79				
VN0611WBSD02	151691	13.79				

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

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:	
Project:	Power	Date Received:	
Client Sample ID:	VN0611WBL01	SDG No.:	Q2209
Lab Sample ID:	VN0611WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086942.D	1		06/11/25 12:28	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	VN0611WBL01	SDG No.:	Q2209
Lab Sample ID:	VN0611WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086942.D	1		06/11/25 12:28	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.3		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	51.7		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	328000	8.23			
540-36-3	1,4-Difluorobenzene	619000	9.106			
3114-55-4	Chlorobenzene-d5	543000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	257000	13.788			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	VN0611WBL01	SDG No.:	Q2209
Lab Sample ID:	VN0611WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086942.D	1		06/11/25 12:28	VN061125

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:	Power	Date Received:	
Client Sample ID:	VN0611WBS02	SDG No.:	Q2209
Lab Sample ID:	VN0611WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086944.D	1		06/11/25 13:27	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.7		0.22	1.00	ug/L
74-87-3	Chloromethane	16.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
74-83-9	Bromomethane	16.6		1.40	5.00	ug/L
75-00-3	Chloroethane	19.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.2		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	92.8		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	99.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.8		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.6		1.50	5.00	ug/L
78-93-3	2-Butanone	90.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.9		0.22	1.00	ug/L
67-66-3	Chloroform	19.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.9		0.16	1.00	ug/L
71-43-2	Benzene	19.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	98.0		0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	VN0611WBS02	SDG No.:	Q2209
Lab Sample ID:	VN0611WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086944.D	1		06/11/25 13:27	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.5		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.1		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	89.2		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.6		0.24	2.00	ug/L
95-47-6	o-Xylene	20.2		0.12	1.00	ug/L
100-42-5	Styrene	20.1		0.15	1.00	ug/L
75-25-2	Bromoform	21.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.0		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.3		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.4		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.0		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.1		70 (74) - 130 (125)	94%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	48.7		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	207000	8.235			
540-36-3	1,4-Difluorobenzene	371000	9.106			
3114-55-4	Chlorobenzene-d5	321000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	157000	13.788			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	VN0611WBS02	SDG No.:	Q2209
Lab Sample ID:	VN0611WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086944.D	1		06/11/25 13:27	VN061125

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:	Power	Date Received:	
Client Sample ID:	VN0611WBSD02	SDG No.:	Q2209
Lab Sample ID:	VN0611WBSD02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086945.D	1		06/11/25 14:01	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.1		0.22	1.00	ug/L
74-87-3	Chloromethane	15.5		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.7		0.26	1.00	ug/L
74-83-9	Bromomethane	16.2		1.40	5.00	ug/L
75-00-3	Chloroethane	18.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.0		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.7		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	98.0		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.1		0.23	1.00	ug/L
67-64-1	Acetone	92.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.2		1.50	5.00	ug/L
78-93-3	2-Butanone	94.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.1		0.22	1.00	ug/L
67-66-3	Chloroform	19.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.6		0.16	1.00	ug/L
71-43-2	Benzene	19.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.0		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	VN0611WBSD02	SDG No.:	Q2209
Lab Sample ID:	VN0611WBSD02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086945.D	1		06/11/25 14:01	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	93.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.5		0.24	2.00	ug/L
95-47-6	o-Xylene	20.0		0.12	1.00	ug/L
100-42-5	Styrene	20.6		0.15	1.00	ug/L
75-25-2	Bromoform	22.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.7		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.5		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.4		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.8		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.9		70 (74) - 130 (125)	96%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	49.5		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	200000	8.229			
540-36-3	1,4-Difluorobenzene	354000	9.106			
3114-55-4	Chlorobenzene-d5	311000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	152000	13.788			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	VN0611WBSD02	SDG No.:	Q2209
Lab Sample ID:	VN0611WBSD02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086945.D	1		06/11/25 14:01	VN061125

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

Alliance TECHNICAL GROUP
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG No.: Q2209

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

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

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.467	0.444	0.539	0.501	0.535	0.506	0.499	7.5
Chloromethane	0.762	0.654	0.645	0.597	0.617	0.587	0.644	9.9
Vinyl Chloride	0.670	0.670	0.684	0.640	0.673	0.648	0.664	2.5
Bromomethane		0.375	0.380	0.357	0.379	0.368	0.372	2.6
Chloroethane	0.460	0.444	0.442	0.408	0.418	0.402	0.429	5.4
Trichlorofluoromethane	0.882	0.903	0.904	0.834	0.858	0.825	0.868	3.9
1,1,2-Trichlorotrifluoroethane	0.554	0.567	0.563	0.519	0.546	0.520	0.545	3.8
Tert butyl alcohol		0.192	0.194	0.176	0.180	0.166	0.182	6.4
1,1-Dichloroethene	0.573	0.593	0.563	0.533	0.550	0.527	0.557	4.4
Acetone	0.426	0.366	0.366	0.322	0.334	0.316	0.355	11.5
Carbon Disulfide	1.718	1.622	1.542	1.426	1.496	1.433	1.539	7.4
Methyl tert-butyl Ether	2.120	2.038	2.051	1.933	2.021	1.926	2.015	3.7
Methyl Acetate	1.035	1.049	1.078	0.986	1.049	1.011	1.035	3.1
Methylene Chloride	0.822	0.688	0.643	0.605	0.629	0.601	0.665	12.5
trans-1,2-Dichloroethene	0.700	0.674	0.621	0.567	0.591	0.561	0.619	9.3
1,1-Dichloroethane	1.192	1.153	1.156	1.063	1.110	1.043	1.120	5.2
Cyclohexane		1.303	1.116	1.004	1.030	0.976	1.086	12.2
2-Butanone	0.604	0.598	0.604	0.551	0.573	0.533	0.577	5.2
Carbon Tetrachloride	0.453	0.449	0.434	0.409	0.435	0.421	0.433	3.9
cis-1,2-Dichloroethene	0.786	0.766	0.762	0.699	0.729	0.701	0.740	4.9
Bromochloromethane	0.579	0.564	0.616	0.466	0.517	0.560	0.550	9.5
Chloroform	1.235	1.152	1.145	1.061	1.085	1.030	1.118	6.7
1,1,1-Trichloroethane	1.029	0.995	0.969	0.895	0.925	0.893	0.951	5.9
Methylcyclohexane	0.633	0.645	0.588	0.570	0.603	0.589	0.605	4.8
Benzene	1.588	1.501	1.444	1.345	1.414	1.371	1.444	6.2
1,2-Dichloroethane	0.473	0.456	0.444	0.411	0.430	0.413	0.438	5.6
Trichloroethene	0.359	0.360	0.341	0.327	0.340	0.328	0.342	4.2
1,2-Dichloropropane	0.366	0.369	0.354	0.332	0.352	0.335	0.351	4.4
Bromodichloromethane	0.510	0.484	0.480	0.457	0.483	0.465	0.480	3.8
4-Methyl-2-Pentanone	0.505	0.549	0.576	0.538	0.562	0.528	0.543	4.6

* 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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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG No.: Q2209

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

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

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	0.918	0.914	0.885	0.835	0.883	0.859	0.882	3.6
t-1,3-Dichloropropene	0.571	0.526	0.524	0.522	0.548	0.530	0.537	3.6
cis-1,3-Dichloropropene	0.609	0.577	0.564	0.551	0.584	0.561	0.574	3.6
1,1,2-Trichloroethane	0.359	0.355	0.342	0.322	0.335	0.323	0.340	4.7
2-Hexanone	0.312	0.282	0.363	0.368	0.397	0.376	0.350	12.4
Dibromochloromethane	0.361	0.351	0.358	0.340	0.363	0.349	0.354	2.5
1,2-Dibromoethane	0.353	0.358	0.354	0.329	0.354	0.341	0.348	3.2
Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.5
Chlorobenzene	1.233	1.135	1.107	1.023	1.089	1.030	1.103	7
Ethyl Benzene	1.989	1.975	1.907	1.796	1.913	1.816	1.900	4.2
m/p-Xylenes	0.730	0.751	0.741	0.701	0.736	0.703	0.727	2.8
o-Xylene	0.714	0.699	0.702	0.674	0.711	0.678	0.696	2.4
Styrene	1.177	1.193	1.226	1.162	1.229	1.164	1.192	2.5
Bromoform	0.217	0.266	0.276	0.265	0.286	0.267	0.263	9.1
Isopropylbenzene	3.864	3.749	3.649	3.426	3.621	3.546	3.643	4.2
1,1,2,2-Tetrachloroethane	1.292	1.299	1.273	1.178	1.205	1.157	1.234	5
1,3-Dichlorobenzene	1.763	1.709	1.657	1.554	1.612	1.566	1.644	5
1,4-Dichlorobenzene	1.820	1.786	1.657	1.572	1.642	1.576	1.676	6.3
1,2-Dichlorobenzene	1.675	1.651	1.596	1.500	1.557	1.496	1.579	4.8
1,2-Dibromo-3-Chloropropane	0.339	0.317	0.290	0.272	0.283	0.270	0.295	9.3
1,2,4-Trichlorobenzene	1.042	1.037	0.991	0.969	1.016	0.994	1.008	2.8
1,2,3-Trichlorobenzene	1.073	1.009	0.993	0.950	1.000	0.987	1.002	4
1,2-Dichloroethane-d4		0.732	0.707	0.500	0.656	0.751	0.669	15.1
Dibromofluoromethane		0.303	0.310	0.219	0.298	0.351	0.296	16.2
Toluene-d8		1.245	1.203	0.861	1.178	1.377	1.173	16.2
4-Bromofluorobenzene		0.441	0.446	0.325	0.446	0.521	0.436	16.2

* 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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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG No.: Q2209

Instrument ID: MSVOA_N Calibration Date/Time: 06/11/2025 11:32

Lab File ID: VN086940.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.499	0.538		7.82	20
Chloromethane	0.644	0.555	0.1	-13.82	20
Vinyl Chloride	0.664	0.701		5.57	20
Bromomethane	0.372	0.312		-16.13	20
Chloroethane	0.429	0.457		6.53	20
Trichlorofluoromethane	0.868	0.930		7.14	20
1,1,2-Trichlorotrifluoroethane	0.545	0.582		6.79	20
Tert butyl alcohol	0.182	0.178		-2.2	20
1,1-Dichloroethene	0.557	0.593		6.46	20
Acetone	0.355	0.384		8.17	20
Carbon Disulfide	1.539	1.505		-2.21	20
Methyl tert-butyl Ether	2.015	2.172		7.79	20
Methyl Acetate	1.035	1.085		4.83	20
Methylene Chloride	0.665	0.673		1.2	20
trans-1,2-Dichloroethene	0.619	0.633		2.26	20
1,1-Dichloroethane	1.120	1.178	0.1	5.18	20
Cyclohexane	1.086	1.017		-6.35	20
2-Butanone	0.577	0.568		-1.56	20
Carbon Tetrachloride	0.433	0.472		9.01	20
cis-1,2-Dichloroethene	0.740	0.793		7.16	20
Bromochloromethane	0.550	0.578		5.09	20
Chloroform	1.118	1.176		5.19	20
1,1,1-Trichloroethane	0.951	0.976		2.63	20
Methylcyclohexane	0.605	0.576		-4.79	20
Benzene	1.444	1.554		7.55	20
1,2-Dichloroethane	0.438	0.472		7.76	20
Trichloroethene	0.342	0.382		11.7	20
1,2-Dichloropropane	0.351	0.384		9.4	20
Bromodichloromethane	0.480	0.532		10.83	20
4-Methyl-2-Pentanone	0.543	0.590		8.66	20
Toluene	0.882	0.978		10.88	20
t-1,3-Dichloropropene	0.537	0.609		13.41	20
cis-1,3-Dichloropropene	0.574	0.661		15.16	20
1,1,2-Trichloroethane	0.340	0.383		12.65	20
2-Hexanone	0.350	0.395		12.86	20
Dibromochloromethane	0.354	0.414		16.95	20
1,2-Dibromoethane	0.348	0.385		10.63	20
Tetrachloroethene	0.316	0.337		6.65	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: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG No.: Q2209

Instrument ID: MSVOA_N Calibration Date/Time: 06/11/2025 11:32

Lab File ID: VN086940.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.103	1.222	0.3	10.79	20
Ethyl Benzene	1.900	2.059		8.37	20
m/p-Xylenes	0.727	0.802		10.32	20
o-Xylene	0.696	0.782		12.36	20
Styrene	1.192	1.358		13.93	20
Bromoform	0.263	0.319	0.1	21.29	20
Isopropylbenzene	3.643	3.898		7	20
1,1,2,2-Tetrachloroethane	1.234	1.402	0.3	13.61	20
1,3-Dichlorobenzene	1.644	1.843		12.1	20
1,4-Dichlorobenzene	1.676	1.887		12.59	20
1,2-Dichlorobenzene	1.579	1.761		11.53	20
1,2-Dibromo-3-Chloropropane	0.295	0.311		5.42	20
1,2,4-Trichlorobenzene	1.008	1.052		4.36	20
1,2,3-Trichlorobenzene	1.002	0.995		-0.7	20
1,2-Dichloroethane-d4	0.669	0.622		-7.03	20
Dibromofluoromethane	0.296	0.309		4.39	20
Toluene-d8	1.173	1.181		0.68	20
4-Bromofluorobenzene	0.436	0.440		0.92	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_N\Data\VN061125\
Data File : VN086960.D
Acq On : 11 Jun 2025 19:33
Operator : JC\MD
Sample : Q2209-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P01W

Quant Time: Jun 12 01:38:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

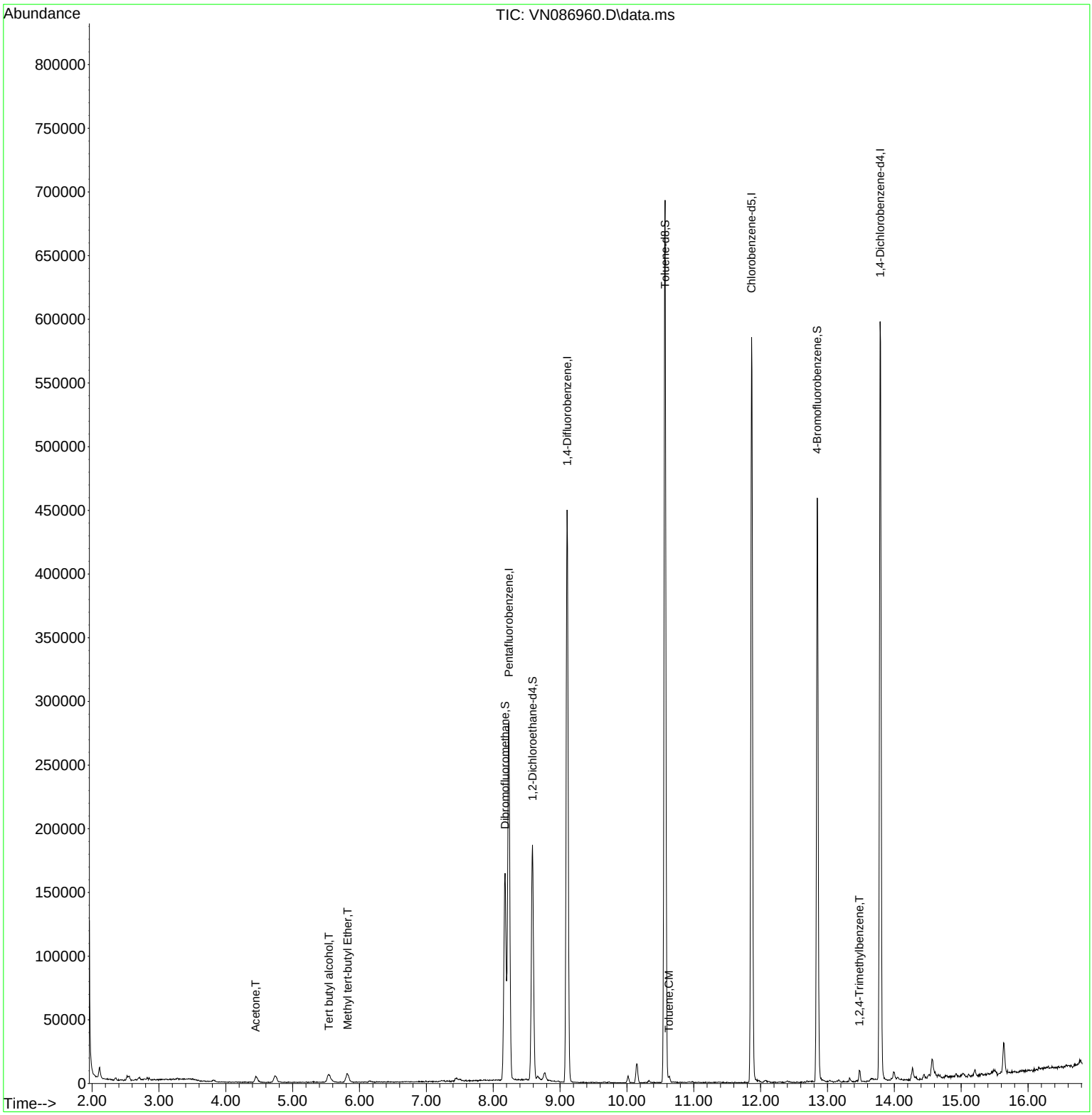
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.236	168	221108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	420559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	175389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	149549	50.517	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.040%			
35) Dibromofluoromethane	8.177	113	126092	50.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.180%			
50) Toluene-d8	10.571	98	510884	51.780	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.560%			
62) 4-Bromofluorobenzene	12.847	95	180893	49.348	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.700%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.542	59	14515	18.070	ug/l #	88
16) Acetone	4.448	43	8812	5.613	ug/l	97
19) Methyl tert-butyl Ether	5.824	73	11912	1.337	ug/l #	91
52) Toluene	10.629	92	1995	0.269	ug/l	92
84) 1,2,4-Trimethylbenzene	13.476	105	5936	0.561	ug/l	96

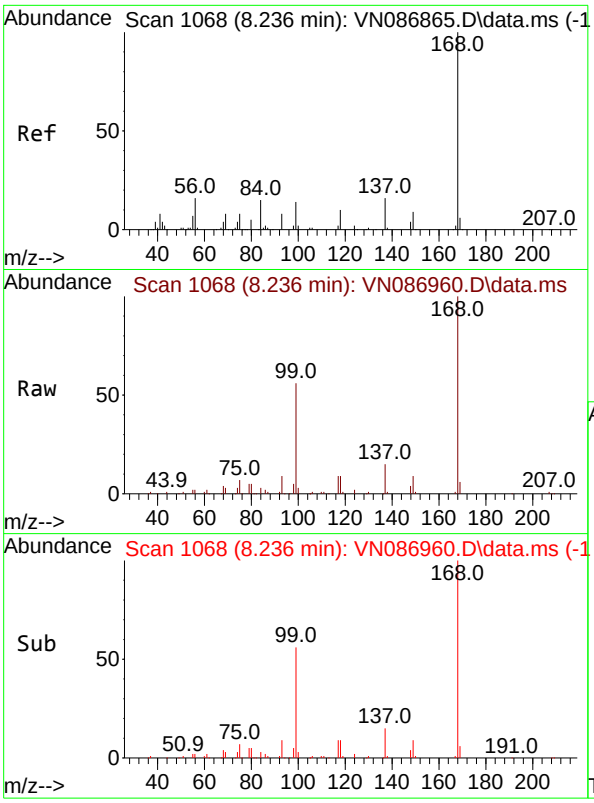
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086960.D
Acq On : 11 Jun 2025 19:33
Operator : JC\MD
Sample : Q2209-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P01W

Quant Time: Jun 12 01:38:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



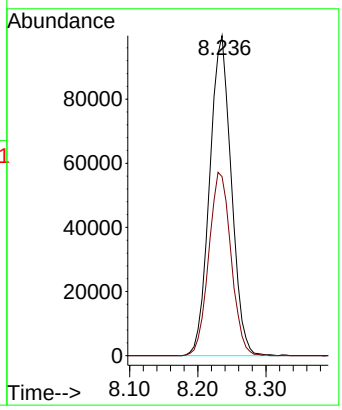


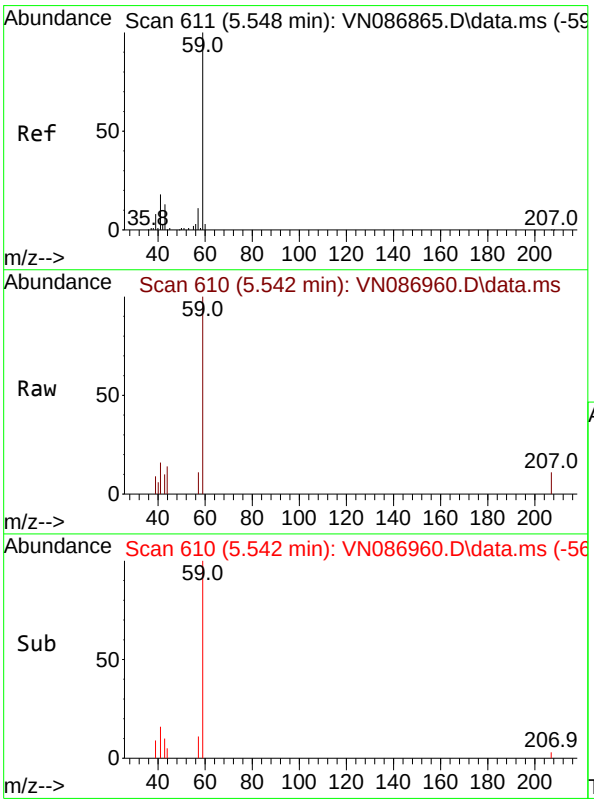
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion:168 Resp: 221108

Ion	Ratio	Lower	Upper
168	100		
99	56.0	49.1	73.7

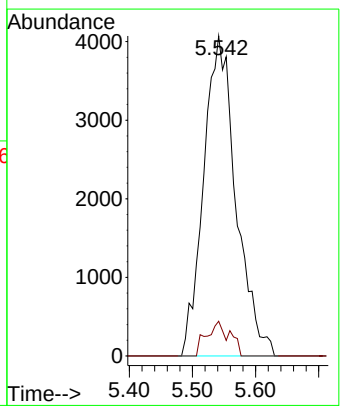


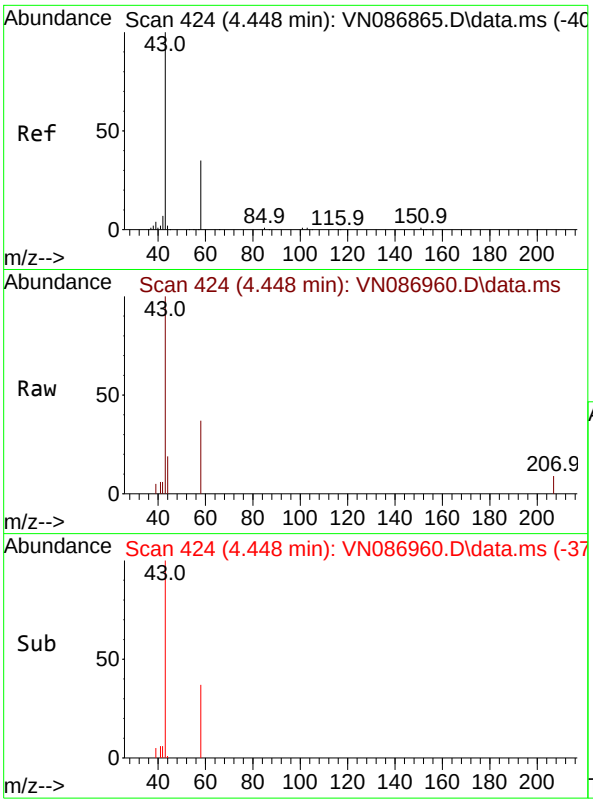


#11
Tert butyl alcohol
Concen: 18.070 ug/l
RT: 5.542 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Tgt Ion: 59 Resp: 14515

Ion	Ratio	Lower	Upper
59	100		
57	5.8	8.1	12.1#



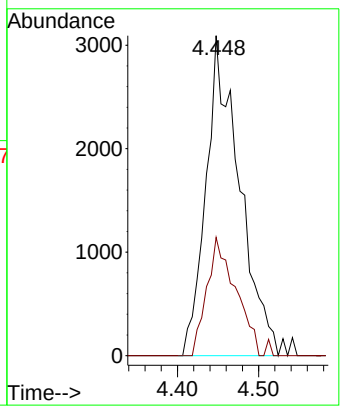


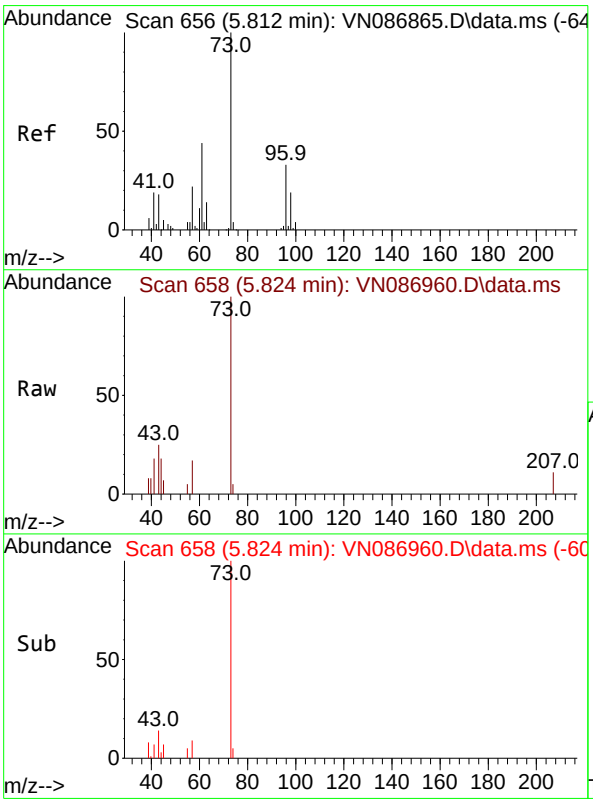
#16
Acetone
Concen: 5.613 ug/l
RT: 4.448 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion: 43 Resp: 8812

Ion	Ratio	Lower	Upper
43	100		
58	36.9	28.0	42.0

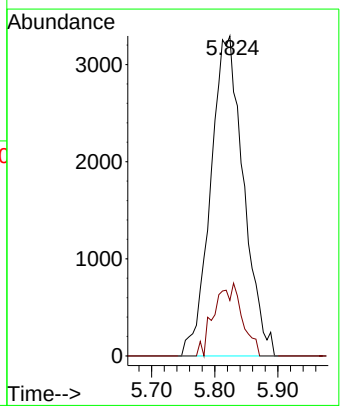


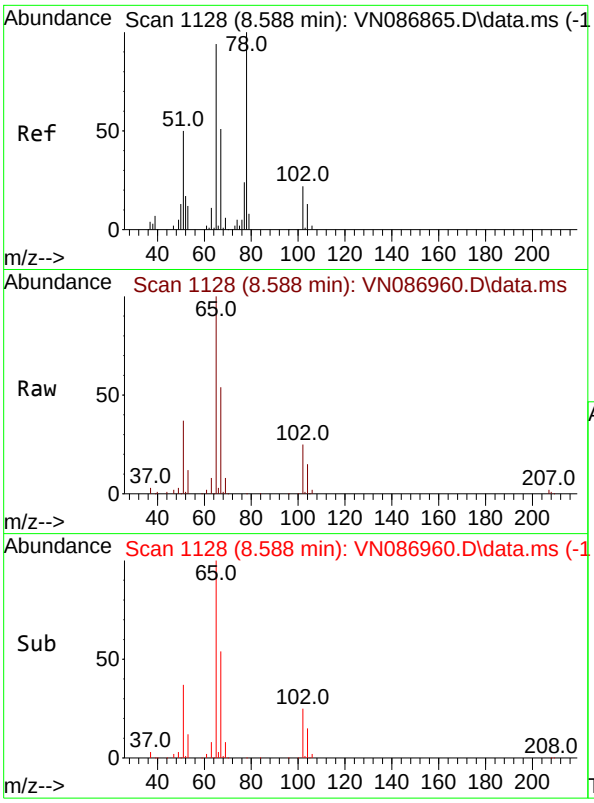


#19
Methyl tert-butyl Ether
Concen: 1.337 ug/l
RT: 5.824 min Scan# 658
Delta R.T. 0.012 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Tgt Ion: 73 Resp: 11912

Ion	Ratio	Lower	Upper
73	100		
57	17.3	17.4	26.2#



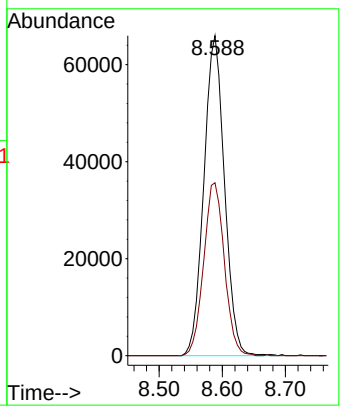


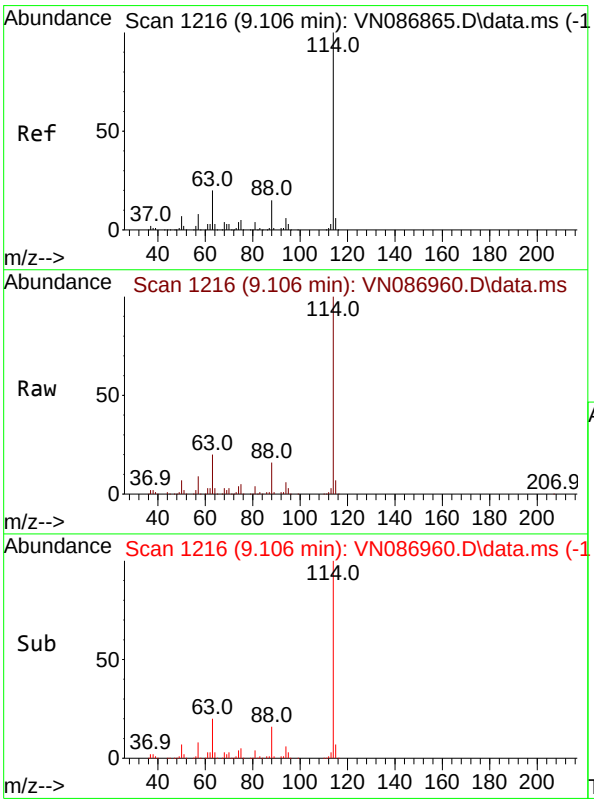
#33
1,2-Dichloroethane-d4
Concen: 50.517 ug/l
RT: 8.588 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion: 65 Resp: 149549

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	105.6

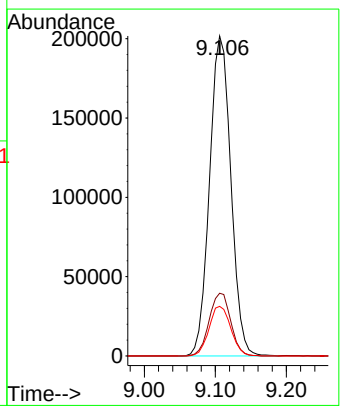


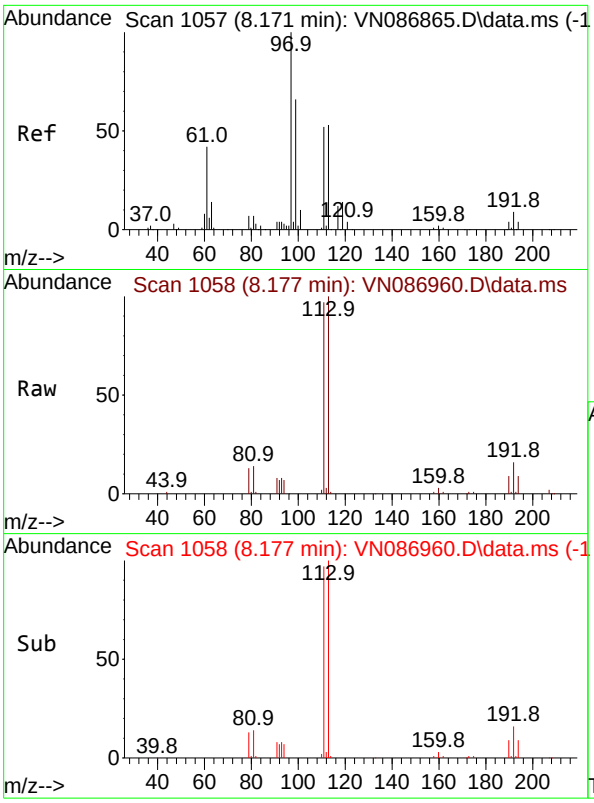


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Tgt Ion:114 Resp: 420559

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	15.5	0.0	30.2



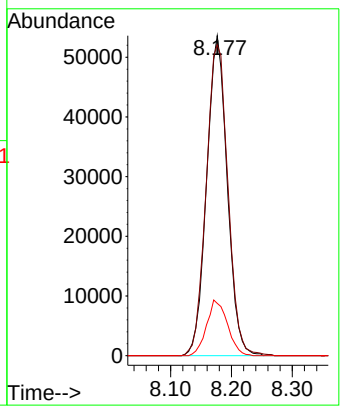


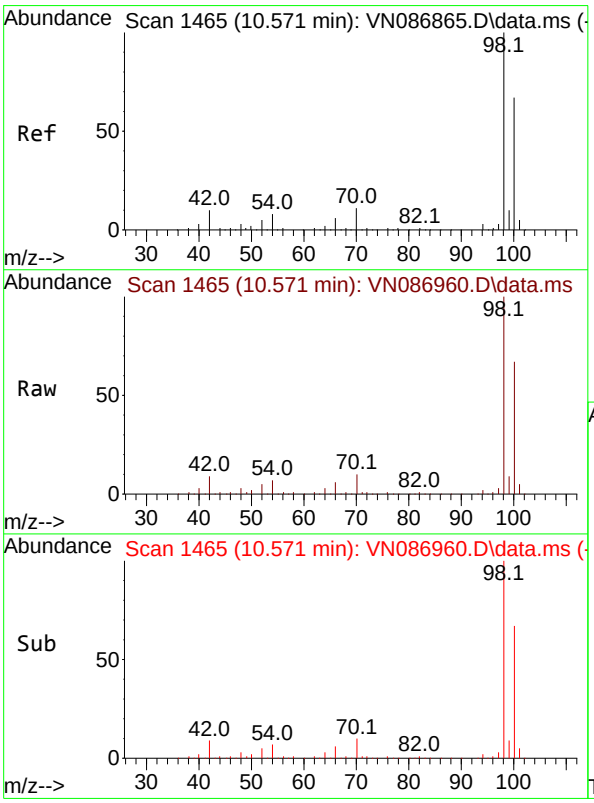
#35
Dibromofluoromethane
Concen: 50.592 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion:113 Resp: 126092

Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.2	126.2
192	17.6	14.2	21.4

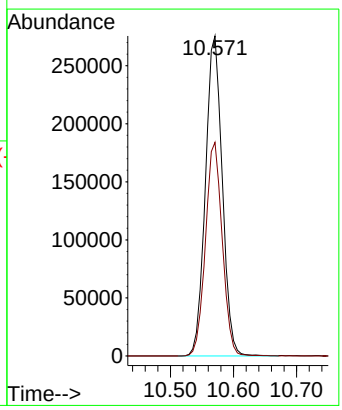


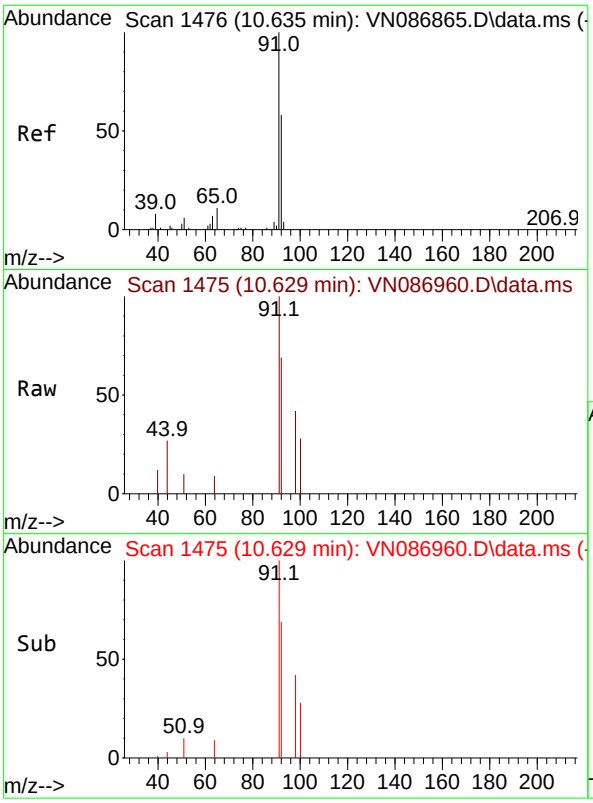


#50
Toluene-d8
Concen: 51.780 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Tgt Ion: 98 Resp: 510884

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.0



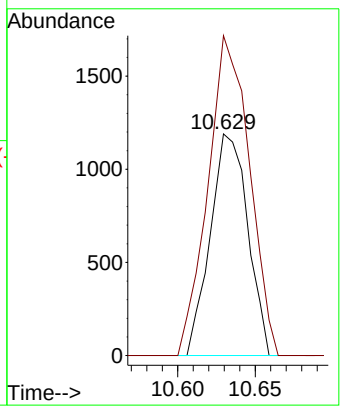


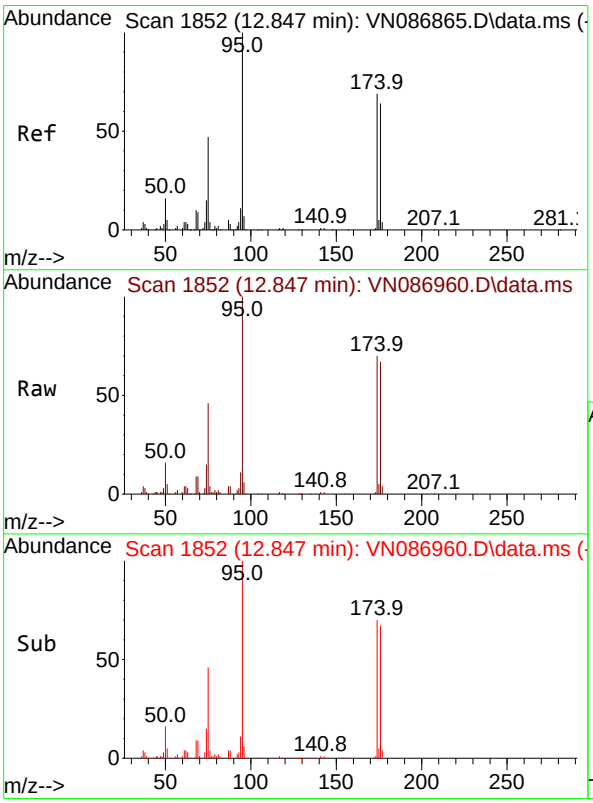
#52
Toluene
Concen: 0.269 ug/l
RT: 10.629 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion: 92 Resp: 1995

Ion	Ratio	Lower	Upper
92	100		
91	160.2	136.5	204.7

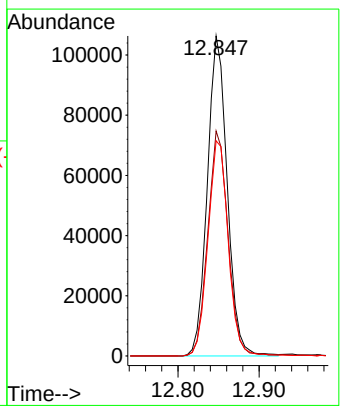


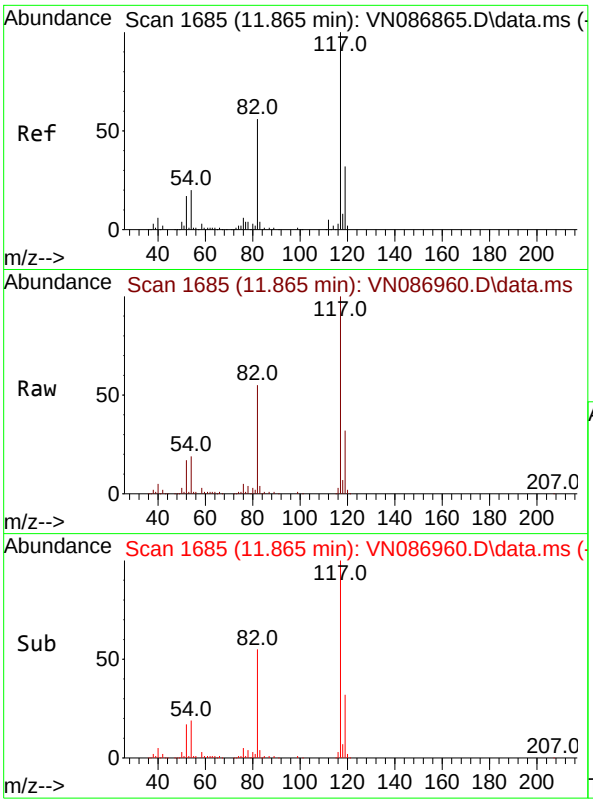


#62
4-Bromofluorobenzene
Concen: 49.348 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Tgt Ion: 95 Resp: 180893

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	141.8
176	68.8	0.0	132.6



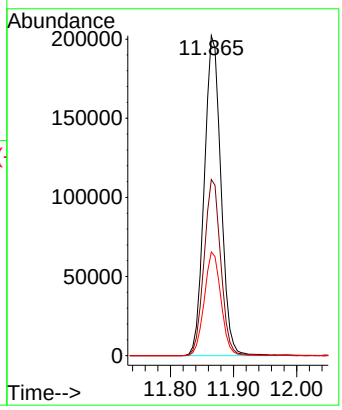


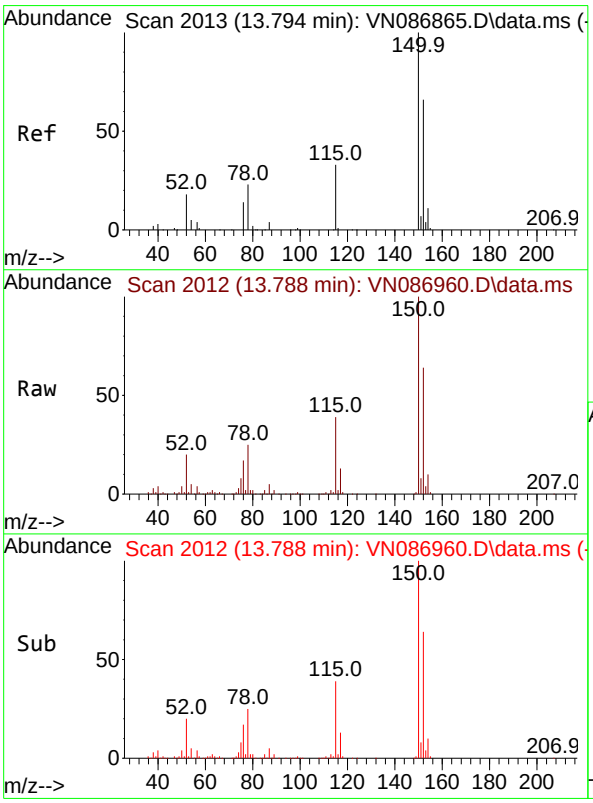
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion:117 Resp: 370668

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	67.0
119	32.4	25.5	38.3

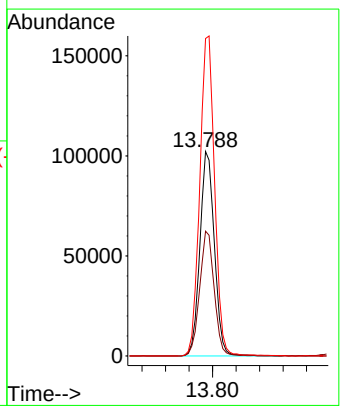


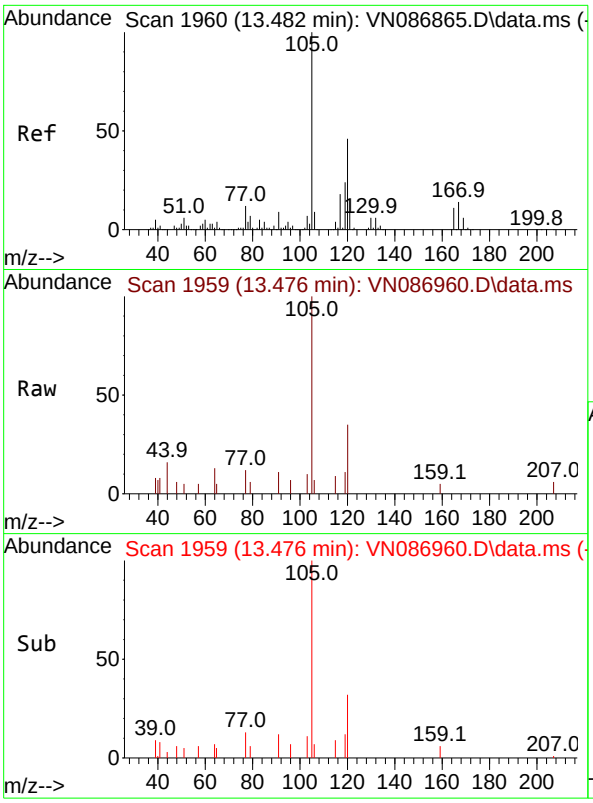


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Tgt Ion:152 Resp: 175389

Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.1	90.5
150	160.3	0.0	345.0



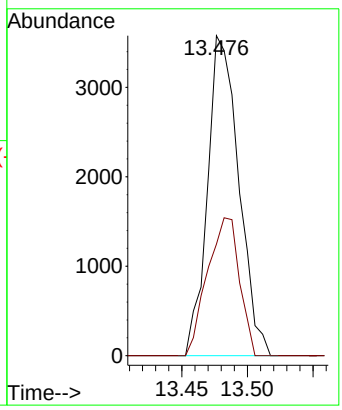


#84
1,2,4-Trimethylbenzene
Concen: 0.561 ug/l
RT: 13.476 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086960.D
Acq: 11 Jun 2025 19:33

Instrument :
MSVOA_N
ClientSampleId :
P01W

Tgt Ion:105 Resp: 5936

Ion	Ratio	Lower	Upper
105	100		
120	44.1	23.2	69.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086960.D
Acq On : 11 Jun 2025 19:33
Operator : JC\MD
Sample : Q2209-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P01W

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_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN086960.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.112	22	27	35	rVB3	9017	16873	1.31%	0.248%
2	4.448	417	424	433	rBV	4671	13130	1.02%	0.193%
3	4.736	465	473	482	rBV2	5080	16190	1.25%	0.238%
4	5.542	599	610	611	rBV2	6213	13795	1.07%	0.203%
5	5.812	648	656	670	rBV3	6874	22094	1.71%	0.325%
6	8.177	1048	1058	1062	rBV	162276	382085	29.59%	5.623%
7	8.236	1062	1068	1077	rVB	280489	637284	49.36%	9.379%
8	8.588	1118	1128	1137	rBV	184834	417885	32.37%	6.150%
9	8.771	1152	1159	1168	rVB3	6178	16591	1.29%	0.244%
10	9.106	1208	1216	1230	rVB	449433	930233	72.05%	13.690%
11	10.147	1387	1393	1400	rBV4	15131	31239	2.42%	0.460%
12	10.571	1454	1465	1474	rBV	692876	1291064	100.00%	19.001%
13	11.865	1677	1685	1699	rBV	584903	1071284	82.98%	15.766%
14	12.847	1845	1852	1861	rBV	458496	785896	60.87%	11.566%
15	13.476	1955	1959	1965	rVB2	8900	14117	1.09%	0.208%
16	13.788	2005	2012	2029	rVB	595380	1035610	80.21%	15.241%
17	14.270	2088	2094	2099	rBV6	10025	19810	1.53%	0.292%
18	14.565	2139	2144	2151	rBV8	13340	29858	2.31%	0.439%
19	15.635	2321	2326	2335	rVB2	24120	49714	3.85%	0.732%

Sum of corrected areas: 6794752

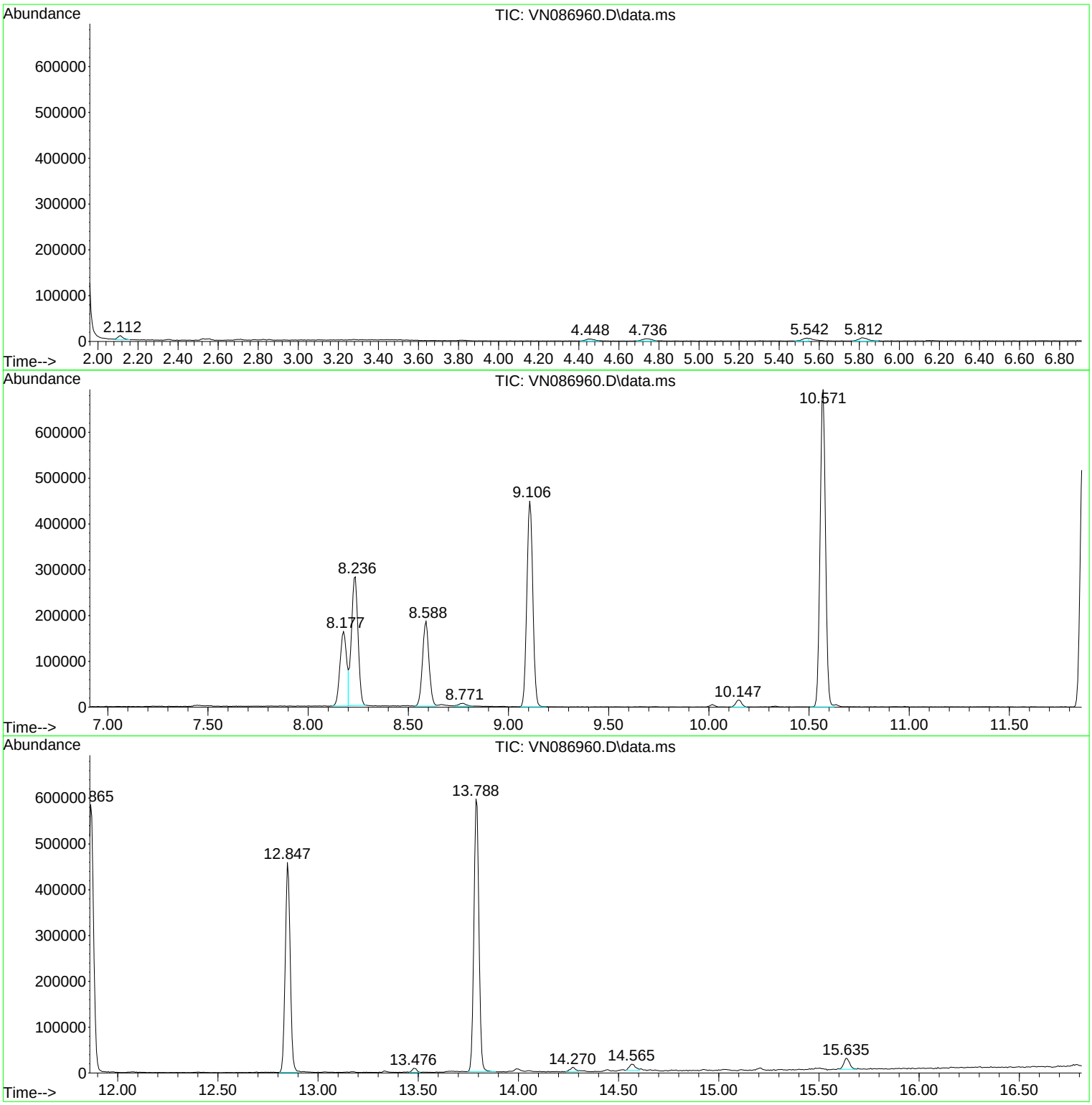
Sample Results: **VN086960.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086960.D
Acq On : 11 Jun 2025 19:33
Operator : JC\MD
Sample : Q2209-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P01W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086960.D
Acq On : 11 Jun 2025 19:33
Operator : JC\MD
Sample : Q2209-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P01W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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_N\Data\VN061125\
Data File : VN086960.D
Acq On : 11 Jun 2025 19:33
Operator : JC\MD
Sample : Q2209-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P01W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Time: Jun 12 01:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	328120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	618651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	543433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	257257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	212062	48.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.540%			
35) Dibromofluoromethane	8.177	113	180701	49.287	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.580%			
50) Toluene-d8	10.565	98	749967	51.673	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.340%			
62) 4-Bromofluorobenzene	12.847	95	266545	49.431	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.860%			

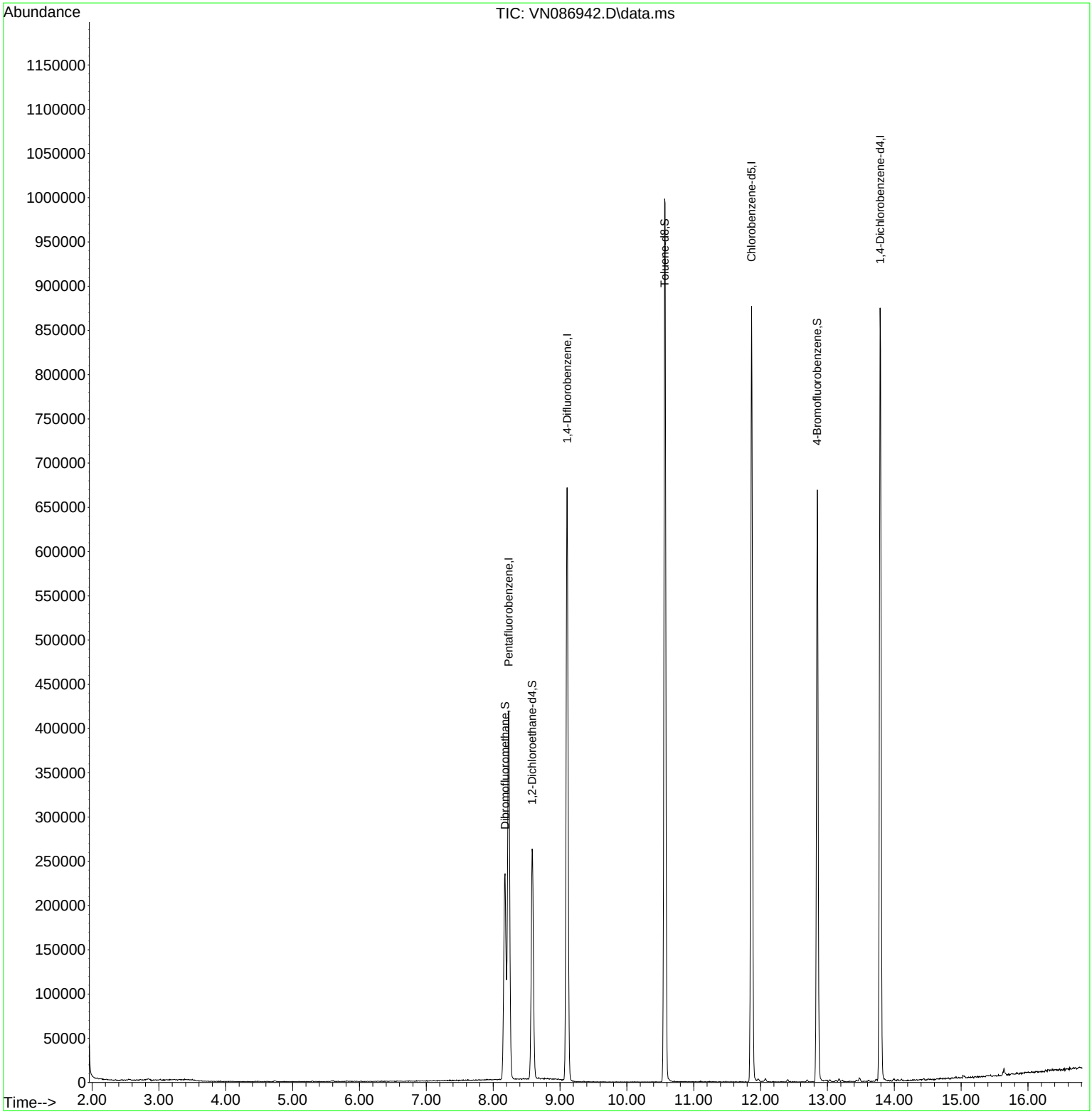
Target Compounds Qvalue

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

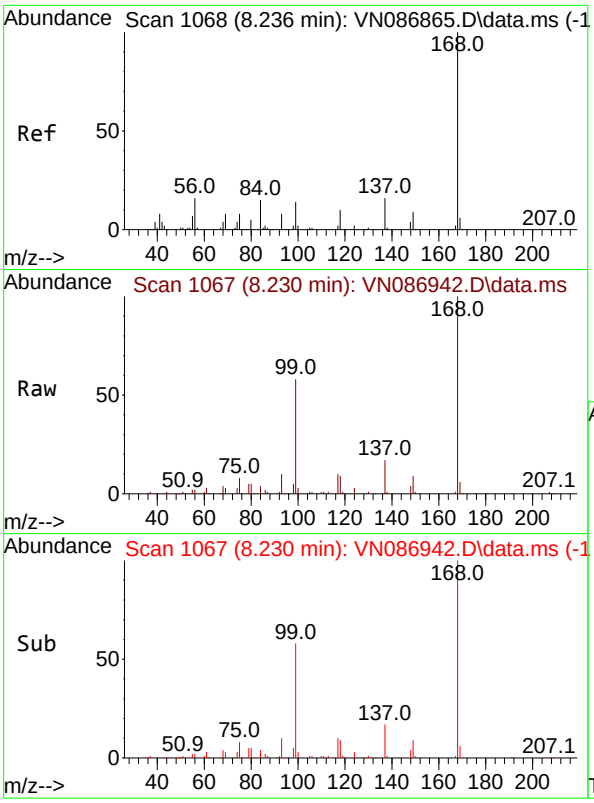
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Time: Jun 12 01:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



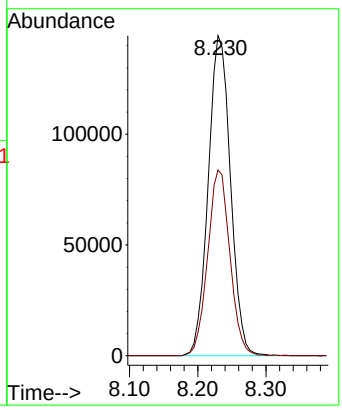
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

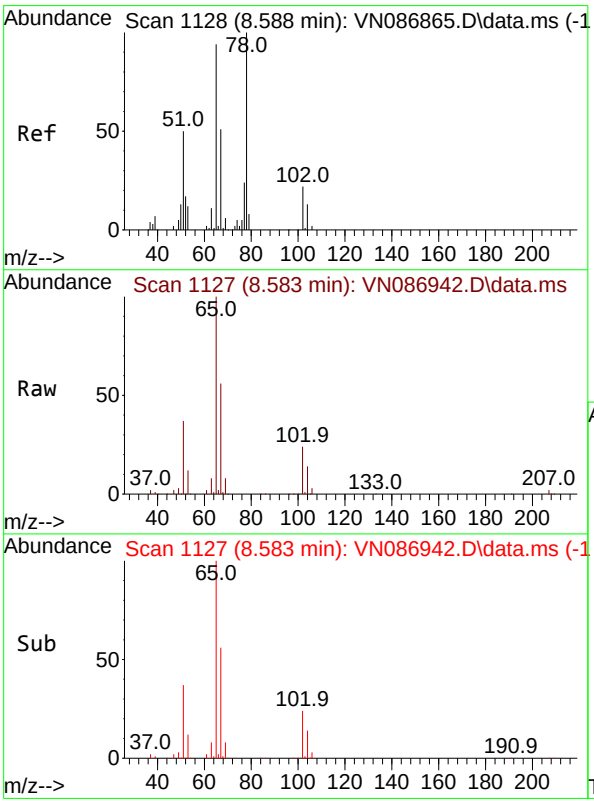


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion:168 Resp: 328120

Ion	Ratio	Lower	Upper
168	100		
99	58.0	49.1	73.7

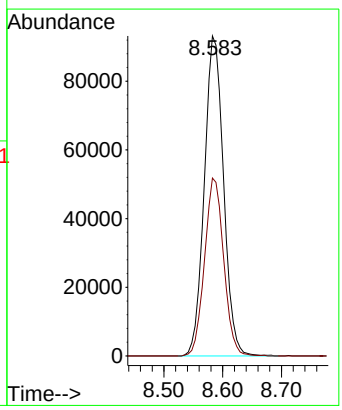


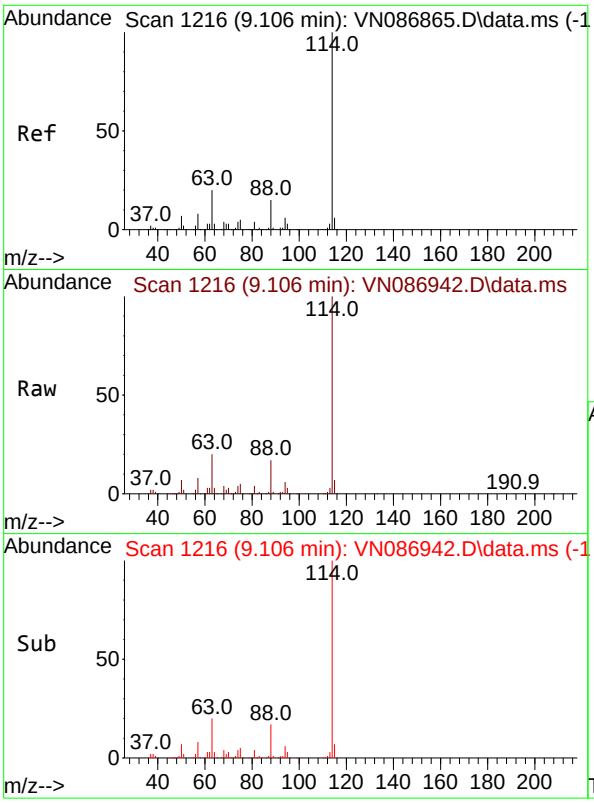


#33
1,2-Dichloroethane-d4
Concen: 48.271 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion: 65 Resp: 212062

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	105.6



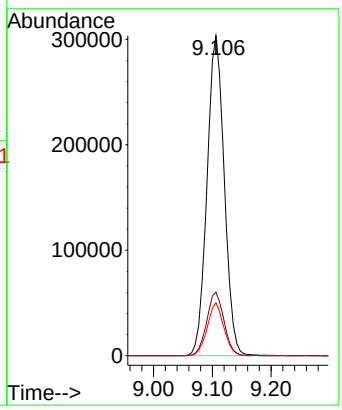


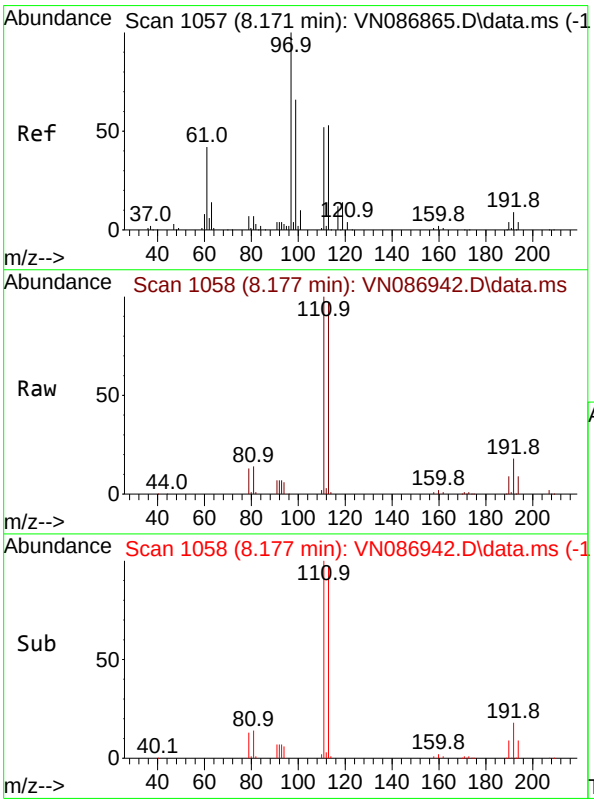
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tgt Ion:114 Resp: 618651

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	16.5	0.0	30.2

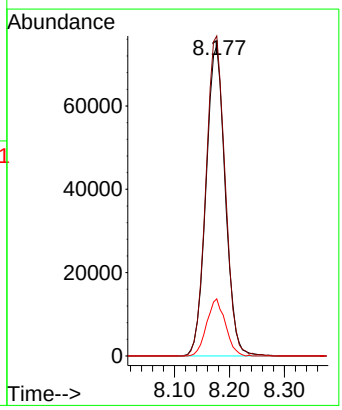


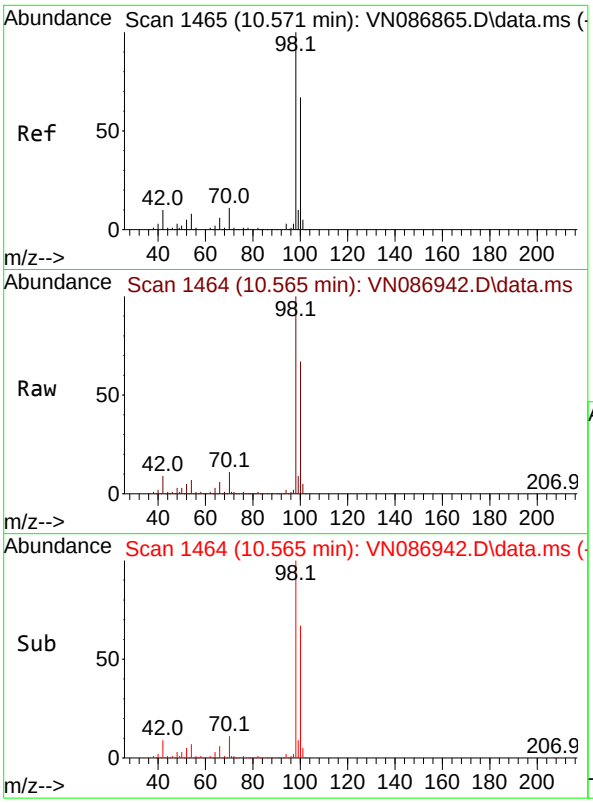


#35
Dibromofluoromethane
Concen: 49.287 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion:113 Resp: 180701

Ion	Ratio	Lower	Upper
113	100		
111	103.1	84.2	126.2
192	18.0	14.2	21.4



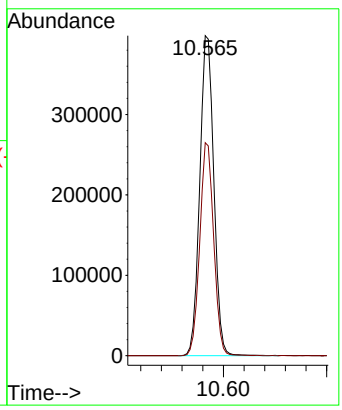


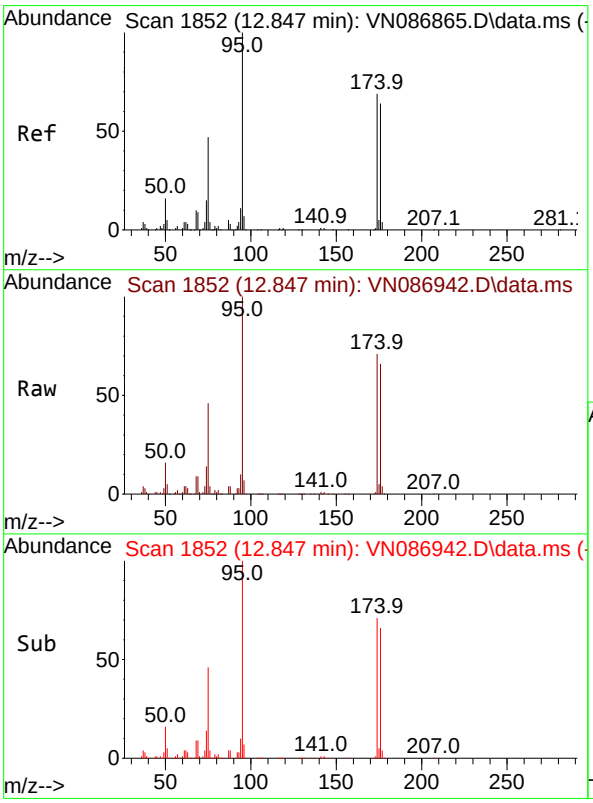
#50
Toluene-d8
Concen: 51.673 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tgt Ion: 98 Resp: 749967

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.4	80.0

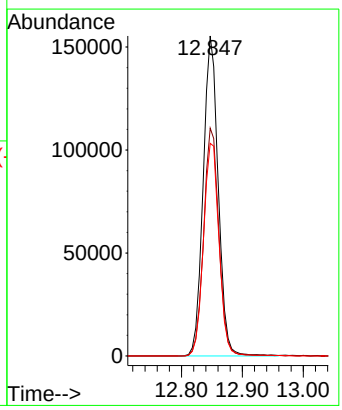


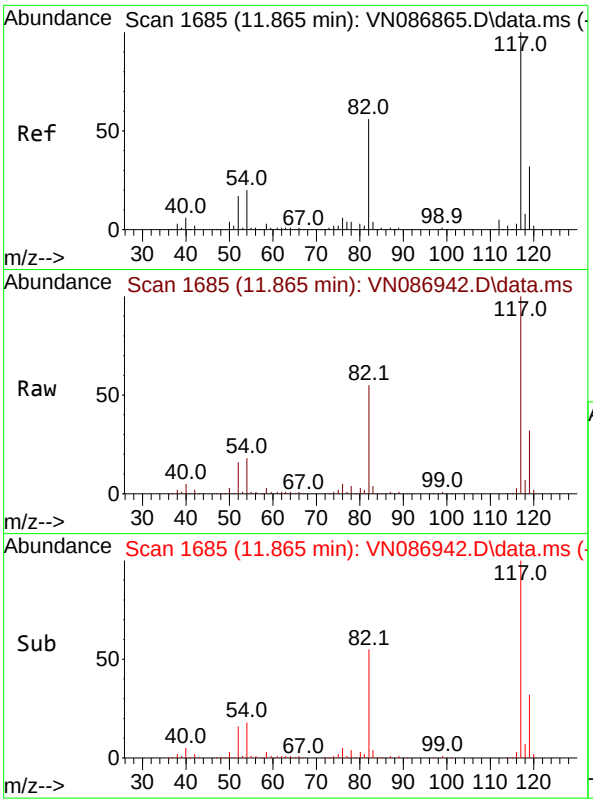


#62
4-Bromofluorobenzene
Concen: 49.431 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion: 95 Resp: 266545

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	141.8
176	68.8	0.0	132.6



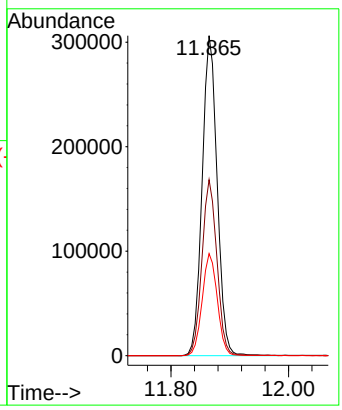


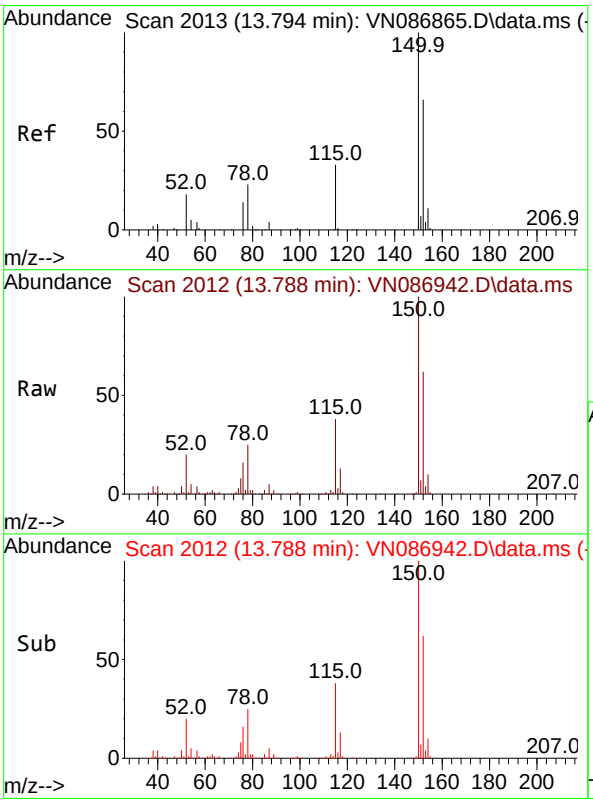
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tgt Ion:117 Resp: 543433

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	67.0
119	31.9	25.5	38.3

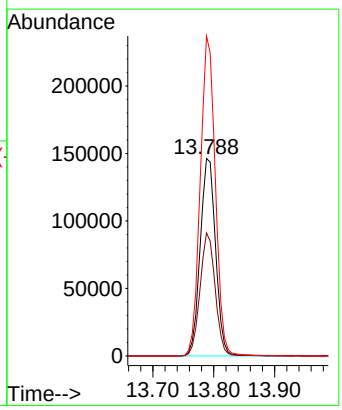




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion:152 Resp: 257257

Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.1	90.5
150	157.9	0.0	345.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

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_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN086942.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.177	1047	1058	1062	rBV	233085	565978	30.02%	5.919%
2	8.230	1062	1067	1080	rVB	416474	938498	49.77%	9.815%
3	8.583	1118	1127	1138	rBV	260361	595602	31.59%	6.229%
4	9.106	1207	1216	1229	rVB	670915	1364473	72.36%	14.270%
5	10.565	1456	1464	1474	rBV	997779	1885613	100.00%	19.720%
6	11.865	1677	1685	1698	rBV	876609	1557898	82.62%	16.293%
7	12.847	1844	1852	1864	rBV	669132	1151656	61.08%	12.044%
8	13.788	2005	2012	2022	rBV	873448	1502092	79.66%	15.709%

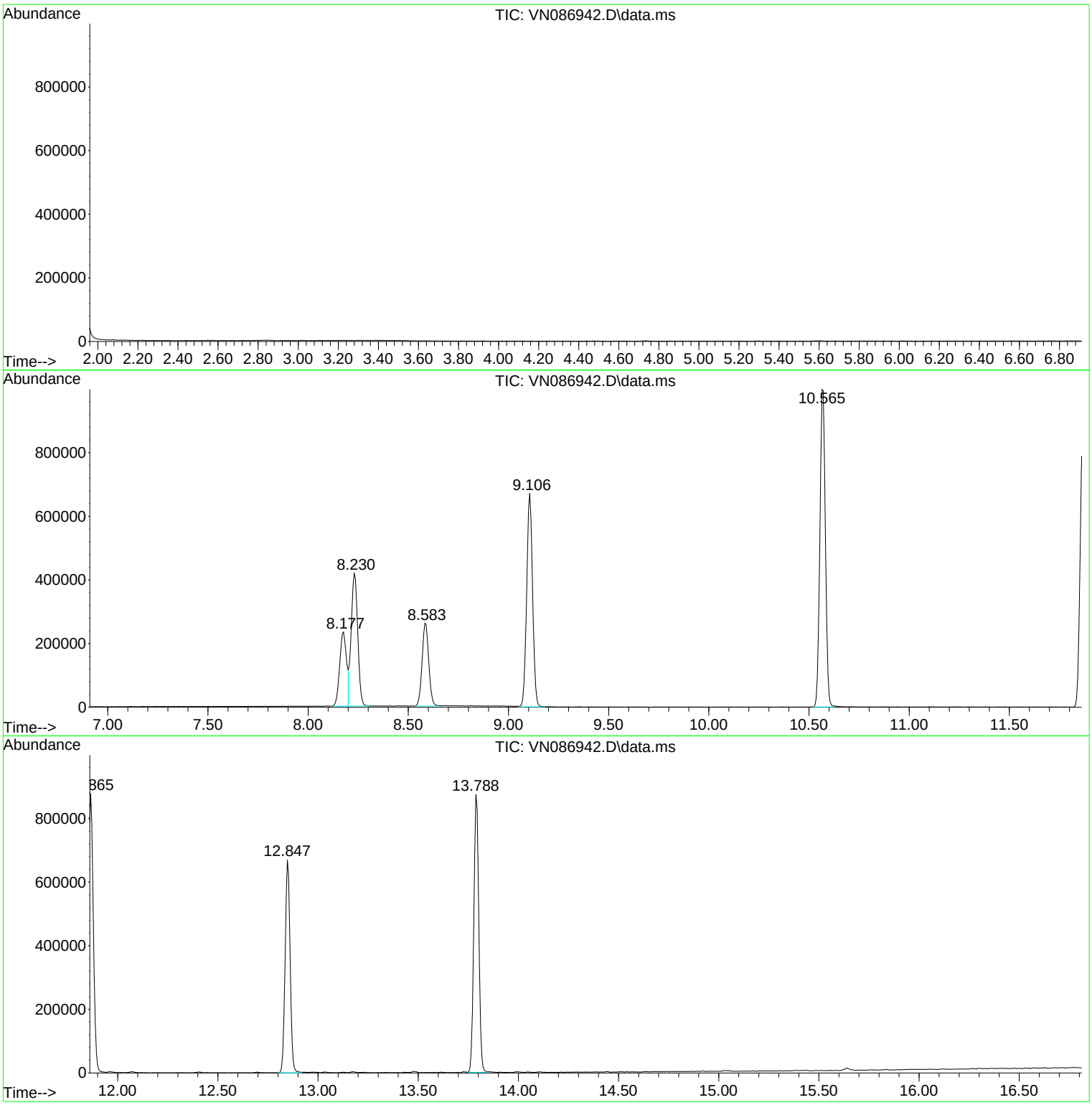
Sum of corrected areas: 9561810

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.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_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	206799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	370524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	130342	47.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.160%			
35) Dibromofluoromethane	8.177	113	112198	51.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	10.571	98	423380	48.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.420%			
62) 4-Bromofluorobenzene	12.847	95	161321	49.951	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	40672	19.725	ug/l	100
3) Chloromethane	2.401	50	42812	16.079	ug/l	97
4) Vinyl Chloride	2.553	62	51780	18.852	ug/l	95
5) Bromomethane	3.000	94	25577	16.641	ug/l	90
6) Chloroethane	3.153	64	34500	19.446	ug/l	99
7) Trichlorofluoromethane	3.530	101	68752	19.159	ug/l	99
8) Diethyl Ether	3.983	74	30914	19.772	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.400	101	44117	19.568	ug/l	99
10) Methyl Iodide	4.612	142	36924	12.634	ug/l	100
11) Tert butyl alcohol	5.541	59	69743	92.831	ug/l	99
12) 1,1-Dichloroethene	4.365	96	44269	19.233	ug/l	97
13) Acrolein	4.206	56	22290	93.730	ug/l	98
14) Allyl chloride	5.047	41	68027	17.821	ug/l	97
15) Acrylonitrile	5.741	53	166971	95.084	ug/l	100
16) Acetone	4.447	43	145322	98.972	ug/l	98
17) Carbon Disulfide	4.742	76	113132	17.769	ug/l	100
18) Methyl Acetate	5.047	43	81357	19.013	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	163338	19.599	ug/l	98
20) Methylene Chloride	5.294	84	52196	18.988	ug/l	96
21) trans-1,2-Dichloroethene	5.812	96	47284	18.464	ug/l	95
22) Diisopropyl ether	6.688	45	155508	19.326	ug/l	97
23) Vinyl Acetate	6.618	43	653278	96.092	ug/l	98
24) 1,1-Dichloroethane	6.588	63	89930	19.421	ug/l	100
25) 2-Butanone	7.494	43	215760	90.401	ug/l	96
26) 2,2-Dichloropropane	7.500	77	78031	21.663	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	59578	19.453	ug/l	99
28) Bromochloromethane	7.824	49	45329	19.909	ug/l	95
29) Tetrahydrofuran	7.853	42	143866	92.532	ug/l	97
30) Chloroform	7.977	83	90272	19.521	ug/l	98
31) Cyclohexane	8.265	56	79050	17.603	ug/l	97
32) 1,1,1-Trichloroethane	8.182	97	74861	19.033	ug/l	97
36) 1,1-Dichloropropene	8.377	75	63577	19.431	ug/l	99
37) Ethyl Acetate	7.571	43	80415	19.306	ug/l	99
38) Carbon Tetrachloride	8.371	117	61747	19.222	ug/l	97
39) Methylcyclohexane	9.606	83	75971	16.947	ug/l	98
40) Benzene	8.612	78	206255	19.277	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	42617	18.218	ug/l		93
42) 1,2-Dichloroethane	8.677	62	63379	19.530	ug/l		98
43) Isopropyl Acetate	8.694	43	126914	18.984	ug/l		98
44) Trichloroethene	9.359	130	50593	19.942	ug/l		99
45) 1,2-Dichloropropane	9.624	63	51091	19.628	ug/l		95
46) Dibromomethane	9.712	93	34741	20.093	ug/l		99
47) Bromodichloromethane	9.894	83	69845	19.634	ug/l		98
48) Methyl methacrylate	9.682	41	57757	18.771	ug/l		99
49) 1,4-Dioxane	9.706	88	22914	409.347	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.447	43	394396	97.997	ug/l		99
52) Toluene	10.629	92	127563	19.509	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	79224	19.917	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	85586	20.109	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	51421	20.438	ug/l		94
56) Ethyl methacrylate	10.882	69	80942	20.198	ug/l		94
57) 1,3-Dichloropropane	11.165	76	85602	19.613	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	243584	101.910	ug/l		99
59) 2-Hexanone	11.206	43	231264	89.210	ug/l		95
60) Dibromochloromethane	11.359	129	53655	20.468	ug/l		99
61) 1,2-Dibromoethane	11.471	107	50832	19.711	ug/l		99
64) Tetrachloroethene	11.106	164	38926	19.150	ug/l		98
65) Chlorobenzene	11.894	112	141721	20.006	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	46404	20.378	ug/l		99
67) Ethyl Benzene	11.965	91	239733	19.647	ug/l		100
68) m/p-Xylenes	12.070	106	185026	39.613	ug/l		99
69) o-Xylene	12.400	106	90240	20.172	ug/l		99
70) Styrene	12.412	104	154149	20.137	ug/l		99
71) Bromoform	12.582	173	35350	20.952	ug/l	#	96
73) Isopropylbenzene	12.694	105	221545	19.320	ug/l		99
74) N-amyl acetate	12.529	43	63289	15.794	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	81476	20.973	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	71582m	19.132	ug/l		
77) Bromobenzene	12.982	156	55176	20.981	ug/l		98
78) n-propylbenzene	13.035	91	267384	19.187	ug/l		100
79) 2-Chlorotoluene	13.123	91	164813	19.721	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	181773	19.200	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	30121	18.532	ug/l	#	82
82) 4-Chlorotoluene	13.217	91	167991	19.866	ug/l		100
83) tert-Butylbenzene	13.435	119	161593	18.646	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	182431	19.216	ug/l		98
85) sec-Butylbenzene	13.617	105	228907	18.189	ug/l		100
86) p-Isopropyltoluene	13.729	119	192991	18.551	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	104883	20.271	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	107750	20.426	ug/l		99
89) n-Butylbenzene	14.053	91	177482	17.613	ug/l		100
90) Hexachloroethane	14.329	117	33456	18.972	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	99394	19.995	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17796	19.155	ug/l		98
93) 1,2,4-Trichlorobenzene	15.394	180	58509	18.433	ug/l		98
94) Hexachlorobutadiene	15.500	225	19592	16.567	ug/l		97
95) Naphthalene	15.635	128	232760	19.700	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	56144	17.802	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

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

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

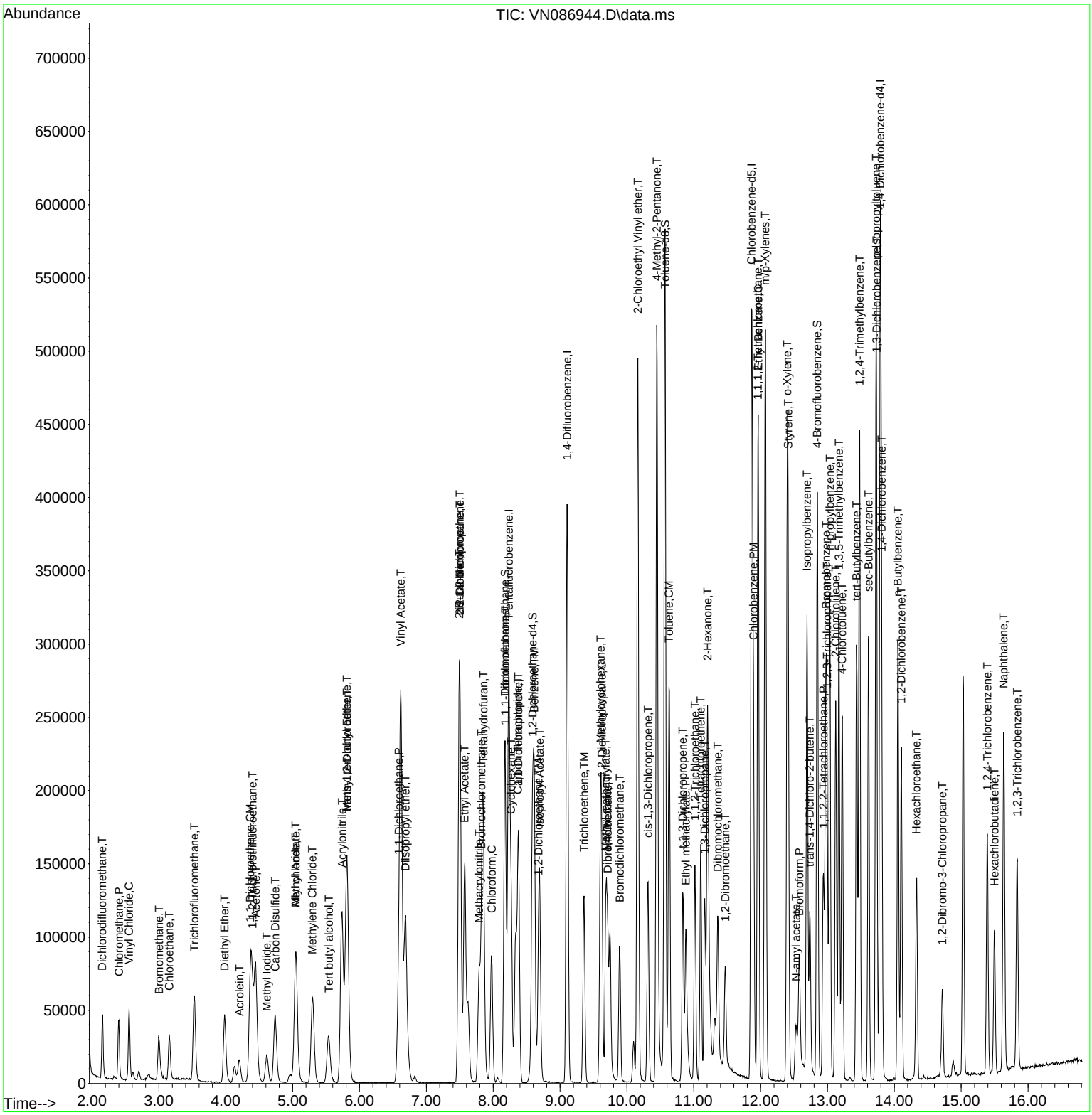
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086945.D
Acq On : 11 Jun 2025 14:01
Operator : JC\MD
Sample : VN0611WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 12 01:32:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	199904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	128166	47.886	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.780%			
35) Dibromofluoromethane	8.177	113	109657	52.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.520%			
50) Toluene-d8	10.571	98	411227	49.506	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.020%			
62) 4-Bromofluorobenzene	12.847	95	154682	50.121	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	38145	19.138	ug/l	96
3) Chloromethane	2.400	50	39948	15.521	ug/l	99
4) Vinyl Chloride	2.553	62	49695	18.717	ug/l	97
5) Bromomethane	3.000	94	24041	16.181	ug/l	95
6) Chloroethane	3.153	64	32368	18.874	ug/l	100
7) Trichlorofluoromethane	3.530	101	66071	19.047	ug/l	96
8) Diethyl Ether	3.977	74	29872	19.765	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.394	101	40831	18.735	ug/l	97
10) Methyl Iodide	4.612	142	36500	12.919	ug/l	100
11) Tert butyl alcohol	5.541	59	71180	98.012	ug/l	100
12) 1,1-Dichloroethene	4.365	96	42515	19.108	ug/l	92
13) Acrolein	4.200	56	22554	98.112	ug/l	100
14) Allyl chloride	5.053	41	65845	17.844	ug/l	98
15) Acrylonitrile	5.736	53	167429	98.634	ug/l	100
16) Acetone	4.447	43	131189	92.428	ug/l	97
17) Carbon Disulfide	4.736	76	105790	17.189	ug/l	98
18) Methyl Acetate	5.047	43	83025	20.072	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	162549	20.177	ug/l	99
20) Methylene Chloride	5.300	84	50840	19.132	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	46018	18.589	ug/l	99
22) Diisopropyl ether	6.688	45	152785	19.643	ug/l	98
23) Vinyl Acetate	6.618	43	656574	99.908	ug/l	98
24) 1,1-Dichloroethane	6.588	63	86331	19.287	ug/l	99
25) 2-Butanone	7.494	43	218999	94.923	ug/l	99
26) 2,2-Dichloropropane	7.506	77	74316	21.343	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	57947	19.573	ug/l	97
28) Bromochloromethane	7.824	49	46411	21.088	ug/l	97
29) Tetrahydrofuran	7.853	42	145366	96.721	ug/l	98
30) Chloroform	7.977	83	86604	19.374	ug/l	100
31) Cyclohexane	8.265	56	74510	17.164	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	71441	18.790	ug/l	98
36) 1,1-Dichloropropene	8.382	75	60912	19.481	ug/l	99
37) Ethyl Acetate	7.571	43	80010	20.102	ug/l	99
38) Carbon Tetrachloride	8.371	117	59839	19.494	ug/l	96
39) Methylcyclohexane	9.606	83	71058	16.588	ug/l	97
40) Benzene	8.612	78	200940	19.653	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086945.D
Acq On : 11 Jun 2025 14:01
Operator : JC\MD
Sample : VN0611WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 12 01:32:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	46047	20.600	ug/l		98
42) 1,2-Dichloroethane	8.677	62	63066	20.336	ug/l		100
43) Isopropyl Acetate	8.694	43	127320	19.930	ug/l		99
44) Trichloroethene	9.359	130	48830	20.141	ug/l		97
45) 1,2-Dichloropropane	9.624	63	49815	20.027	ug/l		95
46) Dibromomethane	9.712	93	35176	21.290	ug/l		99
47) Bromodichloromethane	9.894	83	70222	20.658	ug/l		99
48) Methyl methacrylate	9.688	41	56099	19.079	ug/l		95
49) 1,4-Dioxane	9.700	88	24300	454.282	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.447	43	399735	103.940	ug/l		99
52) Toluene	10.629	92	124298	19.893	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	78850	20.744	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	84225	20.709	ug/l		97
55) 1,1,2-Trichloroethane	11.018	97	50307	20.924	ug/l		97
56) Ethyl methacrylate	10.882	69	79449	20.747	ug/l		97
57) 1,3-Dichloropropane	11.165	76	85222	20.434	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	241856	105.889	ug/l		99
59) 2-Hexanone	11.206	43	232463	93.840	ug/l		95
60) Dibromochloromethane	11.359	129	53154	21.220	ug/l		100
61) 1,2-Dibromoethane	11.470	107	51056	20.718	ug/l		99
64) Tetrachloroethene	11.106	164	36363	18.499	ug/l		98
65) Chlorobenzene	11.894	112	138224	20.178	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	45014	20.442	ug/l		99
67) Ethyl Benzene	11.965	91	227138	19.250	ug/l		100
68) m/p-Xylenes	12.070	106	178421	39.501	ug/l		98
69) o-Xylene	12.400	106	86537	20.004	ug/l		100
70) Styrene	12.412	104	152236	20.565	ug/l		98
71) Bromoform	12.582	173	36528	22.388	ug/l	#	98
73) Isopropylbenzene	12.694	105	213019	19.276	ug/l		100
74) N-amyl acetate	12.529	43	69705	18.051	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.935	83	81389	21.740	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	71147m	19.732	ug/l		
77) Bromobenzene	12.976	156	54030	21.319	ug/l		98
78) n-propylbenzene	13.035	91	257426	19.168	ug/l		99
79) 2-Chlorotoluene	13.123	91	157627	19.571	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	175428	19.228	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	29703	18.963	ug/l		95
82) 4-Chlorotoluene	13.223	91	162421	19.931	ug/l		100
83) tert-Butylbenzene	13.435	119	156588	18.749	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	177241	19.373	ug/l		99
85) sec-Butylbenzene	13.611	105	219639	18.109	ug/l		99
86) p-Isopropyltoluene	13.729	119	182853	18.238	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	102302	20.517	ug/l		100
88) 1,4-Dichlorobenzene	13.811	146	103614	20.382	ug/l		98
89) n-Butylbenzene	14.053	91	171576	17.668	ug/l		99
90) Hexachloroethane	14.329	117	31966	18.810	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	98864	20.638	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18610	20.786	ug/l		99
93) 1,2,4-Trichlorobenzene	15.388	180	57083	18.660	ug/l		99
94) Hexachlorobutadiene	15.500	225	17672	15.506	ug/l		98
95) Naphthalene	15.635	128	230927	20.281	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	55026	18.105	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086945.D
Acq On : 11 Jun 2025 14:01
Operator : JC\MD
Sample : VN0611WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 12 01:32:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

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

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

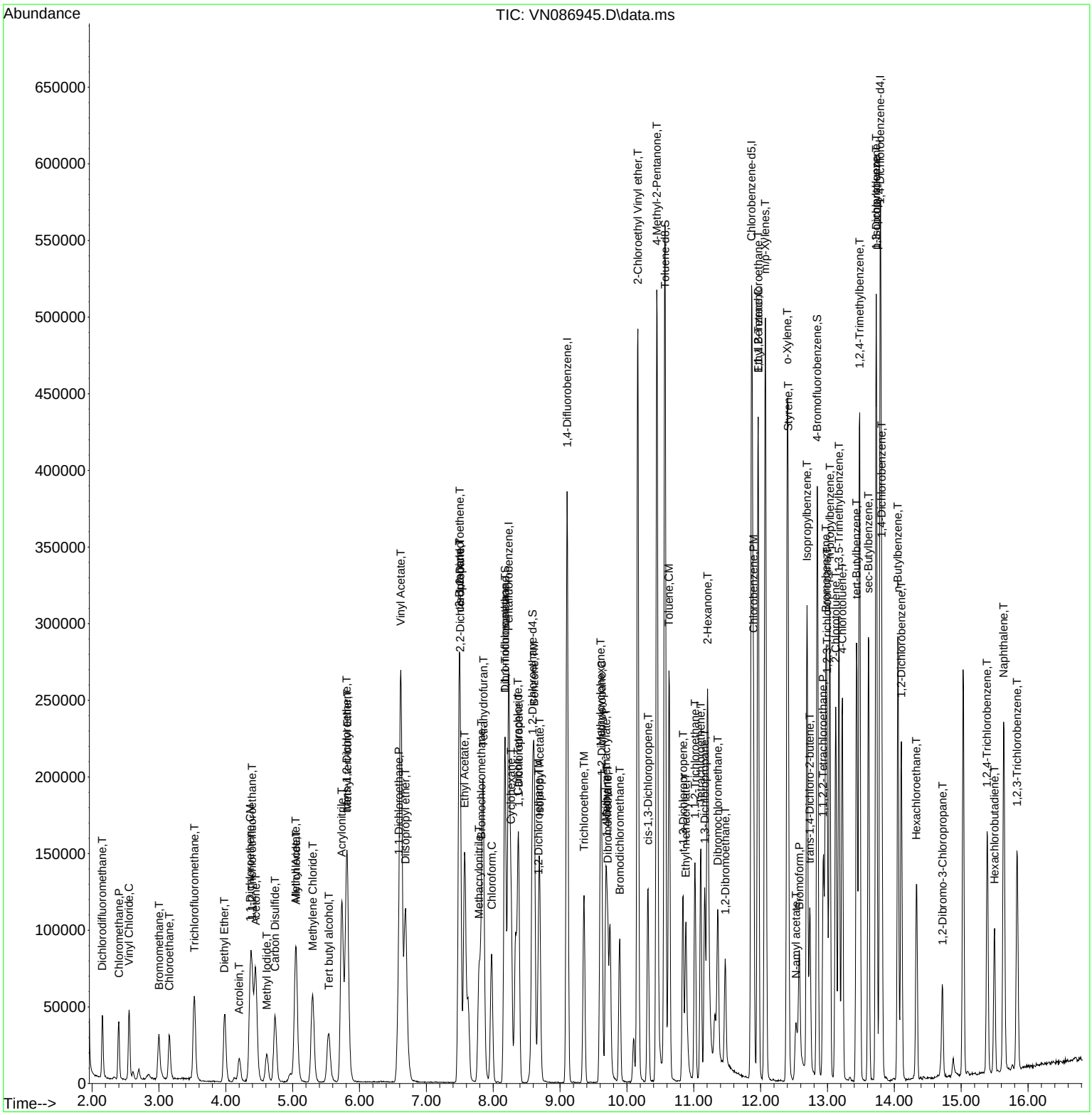
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086945.D
Acq On : 11 Jun 2025 14:01
Operator : JC\MD
Sample : VN0611WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 12 01:32:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



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

Manual Integration Report

Sequence:	vn060625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN086862.D	1,1,2-Trichlorotrifluoroethane	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	1,4-Dichlorobenzene	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	2-Hexanone	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	N-amyl acetate	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC005	VN086863.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:13 AM	MMDadoda	6/9/2025 1:13:19 PM	Peak Integrated by Software
VSTDICC005	VN086863.D	N-amyl acetate	JOHN	6/9/2025 8:02:13 AM	MMDadoda	6/9/2025 1:13:19 PM	Peak Integrated by Software
VSTDICC020	VN086864.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:19 AM	MMDadoda	6/9/2025 1:13:21 PM	Peak Integrated by Software
VSTDICCC050	VN086865.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:25 AM	MMDadoda	6/9/2025 1:13:23 PM	Peak Integrated by Software
VSTDICC100	VN086866.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:29 AM	MMDadoda	6/9/2025 1:13:28 PM	Peak Integrated by Software
VSTDICC150	VN086867.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:34 AM	MMDadoda	6/9/2025 1:13:30 PM	Peak Integrated by Software
VSTDICV050	VN086869.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:38 AM	MMDadoda	6/9/2025 1:13:34 PM	Peak Integrated by Software
VSTDCCC050	VN086886.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:55 AM	MMDadoda	6/9/2025 1:13:44 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn060625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	vn061125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN086940.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:47:09 AM	Sam	6/12/2025 3:54:50 PM	Peak Integrated by Software
VN0611WBS02	VN086944.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:47:21 AM	Sam	6/12/2025 3:54:50 PM	Peak Integrated by Software
VN0611WBSD02	VN086945.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:47:26 AM	Sam	6/12/2025 3:54:52 PM	Peak Integrated by Software
VSTDCCC050	VN086965.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:53:57 AM	Sam	6/12/2025 3:54:56 PM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086861.D	06 Jun 2025 07:59	JC\MD	Ok
2	VSTDICC001	VN086862.D	06 Jun 2025 12:44	JC\MD	Ok,M
3	VSTDICC005	VN086863.D	06 Jun 2025 13:17	JC\MD	Ok,M
4	VSTDICC020	VN086864.D	06 Jun 2025 13:40	JC\MD	Ok,M
5	VSTDICCC050	VN086865.D	06 Jun 2025 14:03	JC\MD	Ok,M
6	VSTDICC100	VN086866.D	06 Jun 2025 14:26	JC\MD	Ok,M
7	VSTDICC150	VN086867.D	06 Jun 2025 14:49	JC\MD	Ok,M
8	IBLK	VN086868.D	06 Jun 2025 15:12	JC\MD	Ok
9	VSTDICV050	VN086869.D	06 Jun 2025 15:54	JC\MD	Ok,M
10	VN0606WBL01	VN086870.D	06 Jun 2025 16:47	JC\MD	Ok
11	VN0606WBL02	VN086871.D	06 Jun 2025 17:10	JC\MD	Ok
12	VN0606WBS01	VN086872.D	06 Jun 2025 17:33	JC\MD	Ok,M
13	VN0606WBSD01	VN086873.D	06 Jun 2025 17:56	JC\MD	Ok,M
14	Q2254-01	VN086874.D	06 Jun 2025 18:19	JC\MD	Not Ok
15	Q2237-02	VN086875.D	06 Jun 2025 18:42	JC\MD	Ok
16	Q2216-02	VN086876.D	06 Jun 2025 19:05	JC\MD	Ok
17	Q2216-03	VN086877.D	06 Jun 2025 19:28	JC\MD	Ok
18	Q2216-04	VN086878.D	06 Jun 2025 19:51	JC\MD	Ok
19	Q2216-05	VN086879.D	06 Jun 2025 20:13	JC\MD	Not Ok
20	Q2216-06	VN086880.D	06 Jun 2025 20:36	JC\MD	Not Ok
21	Q2206-04	VN086881.D	06 Jun 2025 20:59	JC\MD	Not Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2242-04	VN086882.D	06 Jun 2025 21:21	JC\MD	Not Ok
23	Q2192-01	VN086883.D	06 Jun 2025 21:44	JC\MD	Not Ok
24	Q2198-02	VN086884.D	06 Jun 2025 22:07	JC\MD	Not Ok
25	Q2198-04	VN086885.D	06 Jun 2025 22:29	JC\MD	Not Ok
26	VSTDCCC050	VN086886.D	06 Jun 2025 22:52	JC\MD	Not Ok

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061125

Review By	John Carlone	Review On	6/12/2025 9:57:37 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:33 PM		
SubDirectory	VN061125	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134284
Initial Calibration Stds	
CCC	VP134285,VP134286
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086939.D	11 Jun 2025 10:22	JC\MD	Ok
2	VSTDCCC050	VN086940.D	11 Jun 2025 11:32	JC\MD	Ok,M
3	VN0611MBL01	VN086941.D	11 Jun 2025 12:06	JC\MD	Ok
4	VN0611WBL01	VN086942.D	11 Jun 2025 12:28	JC\MD	Ok
5	VN0611WBS01	VN086943.D	11 Jun 2025 12:50	JC\MD	Not Ok
6	VN0611WBS02	VN086944.D	11 Jun 2025 13:27	JC\MD	Ok,M
7	VN0611WBSD02	VN086945.D	11 Jun 2025 14:01	JC\MD	Ok,M
8	Q2251-06	VN086946.D	11 Jun 2025 14:22	JC\MD	Ok
9	Q2202-03DL	VN086947.D	11 Jun 2025 14:44	JC\MD	Ok,M
10	Q2250-01DL	VN086948.D	11 Jun 2025 15:06	JC\MD	Ok
11	Q2202-06	VN086949.D	11 Jun 2025 15:28	JC\MD	Ok
12	Q2189-01	VN086950.D	11 Jun 2025 15:50	JC\MD	Ok
13	Q2202-05	VN086951.D	11 Jun 2025 16:12	JC\MD	Ok
14	Q2202-04	VN086952.D	11 Jun 2025 16:35	JC\MD	Ok
15	Q2231-01	VN086953.D	11 Jun 2025 16:57	JC\MD	Ok
16	Q2231-02	VN086954.D	11 Jun 2025 17:19	JC\MD	Ok,M
17	Q2231-03	VN086955.D	11 Jun 2025 17:41	JC\MD	Ok
18	Q2231-04	VN086956.D	11 Jun 2025 18:04	JC\MD	Ok
19	Q2231-05	VN086957.D	11 Jun 2025 18:26	JC\MD	Ok
20	Q2231-06	VN086958.D	11 Jun 2025 18:48	JC\MD	Ok
21	Q2210-01	VN086959.D	11 Jun 2025 19:10	JC\MD	Ok

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061125

Review By	John Carlone	Review On	6/12/2025 9:57:37 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:33 PM		
SubDirectory	VN061125	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134284
Initial Calibration Stds	
CCC	VP134285,VP134286
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2209-01	VN086960.D	11 Jun 2025 19:33	JC\MD	Ok
23	IBLK	VN086961.D	11 Jun 2025 19:55	JC\MD	Ok
24	IBLK	VN086962.D	11 Jun 2025 20:17	JC\MD	Ok
25	Q2263-01	VN086963.D	11 Jun 2025 20:39	JC\MD	Ok
26	Q2263-02	VN086964.D	11 Jun 2025 21:01	JC\MD	Ok
27	VSTDCCC050	VN086965.D	11 Jun 2025 21:23	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086861.D	06 Jun 2025 07:59		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN086862.D	06 Jun 2025 12:44	Method failed for com.#13	JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN086863.D	06 Jun 2025 13:17		JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN086864.D	06 Jun 2025 13:40		JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN086865.D	06 Jun 2025 14:03		JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN086866.D	06 Jun 2025 14:26		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN086867.D	06 Jun 2025 14:49		JC\MD	Ok,M
8	IBLK	IBLK	VN086868.D	06 Jun 2025 15:12		JC\MD	Ok
9	VSTDICV050	ICVVN060625	VN086869.D	06 Jun 2025 15:54		JC\MD	Ok,M
10	VN0606WBL01	VN0606WBL01	VN086870.D	06 Jun 2025 16:47		JC\MD	Ok
11	VN0606WBL02	VN0606WBL02	VN086871.D	06 Jun 2025 17:10		JC\MD	Ok
12	VN0606WBS01	VN0606WBS01	VN086872.D	06 Jun 2025 17:33		JC\MD	Ok,M
13	VN0606WBSD01	VN0606WBSD01	VN086873.D	06 Jun 2025 17:56		JC\MD	Ok,M
14	Q2254-01	BP-VPB-182-GW-810-8	VN086874.D	06 Jun 2025 18:19	vial A pH<2 endccc out of tune	JC\MD	Not Ok
15	Q2237-02	TW-WTS-10	VN086875.D	06 Jun 2025 18:42	vial A pH<2	JC\MD	Ok
16	Q2216-02	3887	VN086876.D	06 Jun 2025 19:05	vial A pH<2	JC\MD	Ok
17	Q2216-03	3888	VN086877.D	06 Jun 2025 19:28	vial A pH<2	JC\MD	Ok
18	Q2216-04	3864	VN086878.D	06 Jun 2025 19:51	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2216-05	3865	VN086879.D	06 Jun 2025 20:13	vial A pH<2 Out of Tune	JC\MD	Not Ok
20	Q2216-06	3851	VN086880.D	06 Jun 2025 20:36	vial A pH<2 Out of Tune	JC\MD	Not Ok
21	Q2206-04	TP-1	VN086881.D	06 Jun 2025 20:59	vial A pH<2 Out of Tune	JC\MD	Not Ok
22	Q2242-04	TP09-MHJ	VN086882.D	06 Jun 2025 21:21	vial A pH<2 Out of Tune	JC\MD	Not Ok
23	Q2192-01	SB-1	VN086883.D	06 Jun 2025 21:44	vial A pH<2 Out of Tune	JC\MD	Not Ok
24	Q2198-02	B-202-SB02	VN086884.D	06 Jun 2025 22:07	vial A pH<2 Out of Tune	JC\MD	Not Ok
25	Q2198-04	B-207-SB02	VN086885.D	06 Jun 2025 22:29	vial A pH<2 Out of Tune	JC\MD	Not Ok
26	VSTDCCC050	VSTDCCC050EC	VN086886.D	06 Jun 2025 22:52	Out of Tune	JC\MD	Not Ok

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061125

Review By	John Carlone	Review On	6/12/2025 9:57:37 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:33 PM		
SubDirectory	VN061125	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134284
Initial Calibration Stds	
CCC	VP134285,VP134286
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086939.D	11 Jun 2025 10:22		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN086940.D	11 Jun 2025 11:32	pH#Lot#V12668	JC\MD	Ok,M
3	VN0611MBL01	VN0611MBL01	VN086941.D	11 Jun 2025 12:06		JC\MD	Ok
4	VN0611WBL01	VN0611WBL01	VN086942.D	11 Jun 2025 12:28		JC\MD	Ok
5	VN0611WBS01	VN0611WBS01	VN086943.D	11 Jun 2025 12:50	Recovery fail	JC\MD	Not Ok
6	VN0611WBS02	VN0611WBS02	VN086944.D	11 Jun 2025 13:27		JC\MD	Ok,M
7	VN0611WBSD02	VN0611WBSD02	VN086945.D	11 Jun 2025 14:01		JC\MD	Ok,M
8	Q2251-06	VPB182-HYD-2025060	VN086946.D	11 Jun 2025 14:22	vial A pH<2	JC\MD	Ok
9	Q2202-03DL	MW-12-20250603DL	VN086947.D	11 Jun 2025 14:44	vial B pH<2	JC\MD	Ok,M
10	Q2250-01DL	MW-11A-13.5-060525D	VN086948.D	11 Jun 2025 15:06	vial B pH<2	JC\MD	Ok
11	Q2202-06	TB-20250603	VN086949.D	11 Jun 2025 15:28	vial A pH<2 TB	JC\MD	Ok
12	Q2189-01	MW-7-20250602	VN086950.D	11 Jun 2025 15:50	vial B pH<2	JC\MD	Ok
13	Q2202-05	MW-1A-20250603	VN086951.D	11 Jun 2025 16:12	vial A pH<2	JC\MD	Ok
14	Q2202-04	MW-130-20250603	VN086952.D	11 Jun 2025 16:35	vial A pH<2	JC\MD	Ok
15	Q2231-01	MW-10D-20250604	VN086953.D	11 Jun 2025 16:57	vial A pH<2	JC\MD	Ok
16	Q2231-02	MW-14-20250604	VN086954.D	11 Jun 2025 17:19	vial A pH<2	JC\MD	Ok,M
17	Q2231-03	MW-15-20250604	VN086955.D	11 Jun 2025 17:41	vial A pH<2	JC\MD	Ok
18	Q2231-04	MW-16D-20250604	VN086956.D	11 Jun 2025 18:04	vial A pH<2	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061125

Review By	John Carlone	Review On	6/12/2025 9:57:37 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:33 PM		
SubDirectory	VN061125	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134284
Initial Calibration Stds	
CCC	VP134285,VP134286
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2231-05	MW-17-20250604	VN086957.D	11 Jun 2025 18:26	vial A pH<2	JC\MD	Ok
20	Q2231-06	TB-20250604	VN086958.D	11 Jun 2025 18:48	vial A pH<2 TB	JC\MD	Ok
21	Q2210-01	TW1	VN086959.D	11 Jun 2025 19:10	vial A pH<2	JC\MD	Ok
22	Q2209-01	P01W	VN086960.D	11 Jun 2025 19:33	vial A pH<2	JC\MD	Ok
23	IBLK	IBLK	VN086961.D	11 Jun 2025 19:55		JC\MD	Ok
24	IBLK	IBLK	VN086962.D	11 Jun 2025 20:17		JC\MD	Ok
25	Q2263-01	RW9-MW01D3-202506	VN086963.D	11 Jun 2025 20:39	vial A pH<2	JC\MD	Ok
26	Q2263-02	RW9-MW01D3-202506	VN086964.D	11 Jun 2025 21:01	vial A pH<2	JC\MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VN086965.D	11 Jun 2025 21:23		JC\MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2209	**OrderDate:**	6/4/2025 1:52:00 PM
Client:	G Environmental	**Project:**	Power
Contact:	Gary Landis	**Location:**	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2209-01	**P01W**	**Water**			**06/04/25**			**06/04/25**
			VOCMS Group1	8260-Low			06/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2209

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : P01W									
Q2209-01	P01W	WATER	1-Heneicosyl formate	*	4.300	J	0	0	ug/L
Q2209-01	P01W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.400	AB	0	0	ug/L
Q2209-01	P01W	WATER	Benzophenone	*	3.800	J	0	0	ug/L
Q2209-01	P01W	WATER	n-Hexadecanoic acid	*	9.300	J	0	0	ug/L
Q2209-01	P01W	WATER	Octadecanoic acid	*	2.800	J	0	0	ug/L
			Total Tics :				**25.60**		
			Total Concentration:				**25.60**		

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	P01W	SDG No.:	Q2209
Lab Sample ID:	Q2209-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024875.D	1	06/06/25 08:35	06/09/25 13:31	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.82	U	0.82	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
98-86-2	Acetophenone	0.75	U	0.75	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.77	U	0.77	5.10	ug/L
78-59-1	Isophorone	0.76	U	0.76	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	0.85	UQ	0.85	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.1	ug/L
91-57-6	2-Methylnaphthalene	0.57	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.1	ug/L
92-52-4	1,1-Biphenyl	0.54	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L
208-96-8	Acenaphthylene	0.76	U	0.76	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	0.93	U	0.93	5.10	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.56	U	0.56	5.10	ug/L
132-64-9	Dibenzofuran	0.62	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	0.70	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L
86-73-7	Fluorene	0.64	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.10	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	P01W	SDG No.:	Q2209
Lab Sample ID:	Q2209-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024875.D	1	06/06/25 08:35	06/09/25 13:31	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.10	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
86-74-8	Carbazole	0.73	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.83	U	0.83	5.10	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.94	UQ	0.94	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.10	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.10	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	89.1		30 (67) - 130 (132)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.6		30 (52) - 130 (132)	84%	SPK: 100
1718-51-0	Terphenyl-d14	79.5		30 (42) - 130 (152)	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	306000	7.608			

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Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	P01W	SDG No.:	Q2209
Lab Sample ID:	Q2209-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024875.D	1	06/06/25 08:35	06/09/25 13:31	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	1200000	10.378			
15067-26-2	Acenaphthene-d10	731000	14.248			
1517-22-2	Phenanthrene-d10	1470000	17.048			
1719-03-5	Chrysene-d12	1830000	21.466			
1520-96-3	Perylene-d12	2370000	24.712			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.40	AB		4.77	ug/L
000119-61-9	Benzophenone	3.80	J		15.6	ug/L
000057-10-3	n-Hexadecanoic acid	9.30	J		18.0	ug/L
000057-11-4	Octadecanoic acid	2.80	J		19.3	ug/L
077899-03-7	1-Heneicosyl formate	4.30	J		21.1	ug/L

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

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Surrogate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168323BL	PB168323BL	Nitrobenzene-d5	100	85.2	85		30 (67)	130 (132)
		2-Fluorobiphenyl	100	84.3	84		30 (52)	130 (132)
		Terphenyl-d14	100	90.1	90		30 (42)	130 (152)
PB168323BS	PB168323BS	Nitrobenzene-d5	100	79.4	79		30 (67)	130 (132)
		2-Fluorobiphenyl	100	77.9	78		30 (52)	130 (132)
		Terphenyl-d14	100	79.2	79		30 (42)	130 (152)
Q2209-01	P01W	Nitrobenzene-d5	100	89.1	89		30 (67)	130 (132)
		2-Fluorobiphenyl	100	83.6	84		30 (52)	130 (132)
		Terphenyl-d14	100	79.5	80		30 (42)	130 (152)
Q2230-03MS	GW-MW01-060425MS	Nitrobenzene-d5	100	90.5	91		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.6	86		30 (52)	130 (132)
		Terphenyl-d14	100	80.4	80		30 (42)	130 (152)
Q2230-04MSD	GW-MW01-060425MSD	Nitrobenzene-d5	100	88.0	88		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.9	86		30 (52)	130 (132)
		Terphenyl-d14	100	89.3	89		30 (42)	130 (152)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2230-03MS		**Client Sample ID: GW-MW01-060425MS**						**DataFile: BP024879.D**			
Benzaldehyde	52.1	0	39.6	ug/L	76				20 (10)	160 (137)	
bis(2-Chloroethyl)ether	52.1	0	51.3	ug/L	98				70 (29)	130 (141)	
2,2-oxybis(1-Chloropropane)	52.1	0	44.9	ug/L	86				70 (36)	130 (141)	
Acetophenone	52.1	0	55.9	ug/L	107				70 (31)	130 (164)	
N-Nitroso-di-n-propylamine	52.1	0	50.4	ug/L	97				70 (36)	130 (147)	
Hexachloroethane	52.1	0	24.9	ug/L	48				20 (19)	160 (146)	
Nitrobenzene	52.1	0	54.9	ug/L	105				70 (62)	130 (112)	
Isophorone	52.1	0	51.6	ug/L	99				70 (39)	130 (146)	
bis(2-Chloroethoxy)methane	52.1	0	52.2	ug/L	100				70 (39)	130 (143)	
Naphthalene	52.1	2.20	42.7	ug/L	78				70 (17)	130 (157)	
4-Chloroaniline	52.1	0	31.4	ug/L	60	*			70 (10)	130 (95)	
Hexachlorobutadiene	52.1	0	28.9	ug/L	55	*			70 (52)	130 (125)	
Caprolactam	52.1	0	11.7	ug/L	22				20 (10)	160 (130)	
2-Methylnaphthalene	52.1	0	48.7	ug/L	93				70 (38)	130 (146)	
Hexachlorocyclopentadiene	100	0	62.8	ug/L	63				20 (20)	160 (153)	
1,1-Biphenyl	52.1	0	50.2	ug/L	96				70 (38)	130 (154)	
2-Chloronaphthalene	52.1	0	48.7	ug/L	93				70 (41)	130 (145)	
2-Nitroaniline	52.1	0	51.3	ug/L	98				70 (39)	130 (151)	
Dimethylphthalate	52.1	0	54.0	ug/L	104				70 (42)	130 (147)	
Acenaphthylene	52.1	0	50.7	ug/L	97				70 (40)	130 (141)	
2,6-Dinitrotoluene	52.1	0	56.1	ug/L	108				70 (43)	130 (148)	
3-Nitroaniline	52.1	0	33.9	ug/L	65	*			70 (10)	130 (111)	
Acenaphthene	52.1	0	52.1	ug/L	100				70 (37)	130 (146)	
Dibenzofuran	52.1	0	52.6	ug/L	101				70 (41)	130 (145)	
2,4-Dinitrotoluene	52.1	0	60.2	ug/L	116				70 (74)	130 (137)	
Diethylphthalate	52.1	0	56.7	ug/L	109				70 (41)	130 (148)	
4-Chlorophenyl-phenylether	52.1	0	53.6	ug/L	103				70 (38)	130 (149)	
Fluorene	52.1	0	53.8	ug/L	103				70 (39)	130 (144)	
4-Nitroaniline	52.1	0	47.0	ug/L	90				70 (27)	130 (138)	
N-Nitrosodiphenylamine	52.1	0	52.4	ug/L	101				70 (40)	130 (150)	
4-Bromophenyl-phenylether	52.1	0	53.0	ug/L	102				70 (42)	130 (151)	
Hexachlorobenzene	52.1	0	53.4	ug/L	102				70 (72)	130 (115)	
Atrazine	52.1	0	57.8	ug/L	111				70 (20)	130 (162)	
Phenanthrene	52.1	0	53.7	ug/L	103				70 (40)	130 (147)	
Anthracene	52.1	0	53.8	ug/L	103				70 (41)	130 (146)	
Carbazole	52.1	0	57.9	ug/L	111				70 (37)	130 (154)	
Di-n-butylphthalate	52.1	0	58.4	ug/L	112				70 (40)	130 (151)	
Fluoranthene	52.1	0	57.7	ug/L	111				70 (42)	130 (146)	
Pyrene	52.1	0	51.4	ug/L	99				70 (41)	130 (149)	
Butylbenzylphthalate	52.1	0	56.8	ug/L	109				70 (39)	130 (155)	
3,3-Dichlorobenzidine	52.1	0	19.1	ug/L	37	*			70 (10)	130 (114)	
Benzo(a)anthracene	52.1	0	54.6	ug/L	105				70 (41)	130 (147)	
Chrysene	52.1	0	53.4	ug/L	102				70 (44)	130 (144)	
bis(2-Ethylhexyl)phthalate	52.1	0	57.3	ug/L	110				70 (33)	130 (160)	
Di-n-octyl phthalate	52.1	0	58.4	ug/L	112				70 (36)	130 (158)	
Benzo(b)fluoranthene	52.1	0	56.2	ug/L	108				70 (40)	130 (150)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Benzo(k)fluoranthene	52.1	0	53.1	ug/L	102				70 (40)	130 (147)	
Benzo(a)pyrene	52.1	0	54.1	ug/L	104				70 (42)	130 (147)	
Indeno(1,2,3-cd)pyrene	52.1	0	56.3	ug/L	108				70 (30)	130 (166)	
Dibenz(a,h)anthracene	52.1	0	57.5	ug/L	110				70 (23)	130 (172)	
Benzo(g,h,i)perylene	52.1	0	56.4	ug/L	108				70 (27)	130 (167)	
1,2,4,5-Tetrachlorobenzene	52.1	0	46.6	ug/L	89				70 (89)	130 (102)	
1,4-Dioxane	52.1	0	18.1	ug/L	35				20 (38)	160 (130)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2230-04MSD		**Client Sample ID: GW-MW01-060425MSD**						**DataFile: BP024880.D**			
Benzaldehyde	53.2	0	38.8	ug/L	73		4		20 (10)	160 (137)	20 (20)
bis(2-Chloroethyl)ether	53.2	0	50.2	ug/L	94		4		70 (29)	130 (141)	20 (20)
2,2-oxybis(1-Chloropropane)	53.2	0	44.5	ug/L	84		2		70 (36)	130 (141)	20 (20)
Acetophenone	53.2	0	55.5	ug/L	104		3		70 (31)	130 (164)	20 (20)
N-Nitroso-di-n-propylamine	53.2	0	48.1	ug/L	90		7		70 (36)	130 (147)	20 (20)
Hexachloroethane	53.2	0	24.9	ug/L	47		2		20 (19)	160 (146)	20 (20)
Nitrobenzene	53.2	0	54.8	ug/L	103		2		70 (62)	130 (112)	20 (20)
Isophorone	53.2	0	51.1	ug/L	96		3		70 (39)	130 (146)	20 (20)
bis(2-Chloroethoxy)methane	53.2	0	52.7	ug/L	99		1		70 (39)	130 (143)	20 (20)
Naphthalene	53.2	2.20	42.1	ug/L	75		4		70 (17)	130 (157)	20 (20)
4-Chloroaniline	53.2	0	28.9	ug/L	54	*	11		70 (10)	130 (95)	20 (20)
Hexachlorobutadiene	53.2	0	30.1	ug/L	57	*	4		70 (52)	130 (125)	20 (20)
Caprolactam	53.2	0	10.8	ug/L	20		10		20 (10)	160 (130)	20 (20)
2-Methylnaphthalene	53.2	0	48.6	ug/L	91		2		70 (38)	130 (146)	20 (20)
Hexachlorocyclopentadiene	110	0	70.7	ug/L	64		2		20 (20)	160 (153)	20 (20)
1,1-Biphenyl	53.2	0	52.0	ug/L	98		2		70 (38)	130 (154)	20 (20)
2-Chloronaphthalene	53.2	0	50.5	ug/L	95		2		70 (41)	130 (145)	20 (20)
2-Nitroaniline	53.2	0	49.4	ug/L	93		5		70 (39)	130 (151)	20 (20)
Dimethylphthalate	53.2	0	53.9	ug/L	101		3		70 (42)	130 (147)	20 (20)
Acenaphthylene	53.2	0	51.1	ug/L	96		1		70 (40)	130 (141)	20 (20)
2,6-Dinitrotoluene	53.2	0	55.7	ug/L	105		3		70 (43)	130 (148)	20 (20)
3-Nitroaniline	53.2	0	32.5	ug/L	61	*	6		70 (10)	130 (111)	20 (20)
Acenaphthene	53.2	0	52.7	ug/L	99		1		70 (37)	130 (146)	20 (20)
Dibenzofuran	53.2	0	52.6	ug/L	99		2		70 (41)	130 (145)	20 (20)
2,4-Dinitrotoluene	53.2	0	57.4	ug/L	108		7		70 (74)	130 (137)	20 (20)
Diethylphthalate	53.2	0	56.7	ug/L	107		2		70 (41)	130 (148)	20 (20)
4-Chlorophenyl-phenylether	53.2	0	54.1	ug/L	102		1		70 (38)	130 (149)	20 (20)
Fluorene	53.2	0	53.9	ug/L	101		2		70 (39)	130 (144)	20 (20)
4-Nitroaniline	53.2	0	44.3	ug/L	83		8		70 (27)	130 (138)	20 (20)
N-Nitrosodiphenylamine	53.2	0	53.2	ug/L	100		1		70 (40)	130 (150)	20 (20)
4-Bromophenyl-phenylether	53.2	0	56.8	ug/L	107		5		70 (42)	130 (151)	20 (20)
Hexachlorobenzene	53.2	0	55.5	ug/L	104		2		70 (72)	130 (115)	20 (20)
Atrazine	53.2	0	57.4	ug/L	108		3		70 (20)	130 (162)	20 (20)
Phenanthrene	53.2	0	53.6	ug/L	101		2		70 (40)	130 (147)	20 (20)
Anthracene	53.2	0	53.0	ug/L	100		3		70 (41)	130 (146)	20 (20)
Carbazole	53.2	0	54.8	ug/L	103		7		70 (37)	130 (154)	20 (20)
Di-n-butylphthalate	53.2	0	59.9	ug/L	113		1		70 (40)	130 (151)	20 (20)
Fluoranthene	53.2	0	54.9	ug/L	103		7		70 (42)	130 (146)	20 (20)
Pyrene	53.2	0	56.8	ug/L	107		8		70 (41)	130 (149)	20 (20)
Butylbenzylphthalate	53.2	0	63.2	ug/L	119		9		70 (39)	130 (155)	20 (20)
3,3-Dichlorobenzidine	53.2	0	18.2	ug/L	34	*	8		70 (10)	130 (114)	20 (20)
Benzo(a)anthracene	53.2	0	55.1	ug/L	104		1		70 (41)	130 (147)	20 (20)
Chrysene	53.2	0	54.7	ug/L	103		1		70 (44)	130 (144)	20 (20)
bis(2-Ethylhexyl)phthalate	53.2	0	66.5	ug/L	125		13		70 (33)	130 (160)	20 (20)
Di-n-octyl phthalate	53.2	0	64.9	ug/L	122		9		70 (36)	130 (158)	20 (20)
Benzo(b)fluoranthene	53.2	0	56.0	ug/L	105		3		70 (40)	130 (150)	20 (20)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Benzo(k)fluoranthene	53.2	0	55.1	ug/L	104		2		70 (40)	130 (147)	20 (20)
Benzo(a)pyrene	53.2	0	54.8	ug/L	103		1		70 (42)	130 (147)	20 (20)
Indeno(1,2,3-cd)pyrene	53.2	0	55.3	ug/L	104		4		70 (30)	130 (166)	20 (20)
Dibenz(a,h)anthracene	53.2	0	55.8	ug/L	105		5		70 (23)	130 (172)	20 (20)
Benzo(g,h,i)perylene	53.2	0	54.4	ug/L	102		6		70 (27)	130 (167)	20 (20)
1,2,4,5-Tetrachlorobenzene	53.2	0	48.8	ug/L	92		3		70 (89)	130 (102)	20 (20)
1,4-Dioxane	53.2	0	19.4	ug/L	36		3		20 (38)	160 (130)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168323BS	Benzaldehyde	50	36.0	ug/L	72				20 (10)	160 (162)	
	bis(2-Chloroethyl)ether	50	44.9	ug/L	90				70 (62)	130 (103)	
	2,2-oxybis(1-Chloropropane)	50	43.1	ug/L	86				70 (65)	130 (100)	
	Acetophenone	50	45.2	ug/L	90				70 (60)	130 (104)	
	N-Nitroso-di-n-propylamine	50	41.9	ug/L	84				70 (57)	130 (107)	
	Hexachloroethane	50	43.8	ug/L	88				20 (76)	160 (118)	
	Nitrobenzene	50	46.3	ug/L	93				70 (58)	130 (106)	
	Isophorone	50	43.2	ug/L	86				70 (61)	130 (102)	
	bis(2-Chloroethoxy)methane	50	45.2	ug/L	90				70 (58)	130 (109)	
	Naphthalene	50	45.3	ug/L	91				70 (64)	130 (107)	
	4-Chloroaniline	50	20.3	ug/L	41		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	44.9	ug/L	90				70 (69)	130 (101)	
	Caprolactam	50	45.7	ug/L	91				20 (58)	160 (128)	
	2-Methylnaphthalene	50	45.0	ug/L	90				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	100	ug/L	100				20 (36)	160 (160)	
	1,1-Biphenyl	50	45.8	ug/L	92				70 (72)	130 (98)	
	2-Chloronaphthalene	50	46.2	ug/L	92				70 (59)	130 (106)	
	2-Nitroaniline	50	48.3	ug/L	97				70 (73)	130 (114)	
	Dimethylphthalate	50	44.8	ug/L	90				70 (64)	130 (103)	
	Acenaphthylene	50	45.5	ug/L	91				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	46.2	ug/L	92				70 (64)	130 (110)	
	3-Nitroaniline	50	25.9	ug/L	52		*		70 (28)	130 (100)	
	Acenaphthene	50	45.2	ug/L	90				70 (59)	130 (113)	
	Dibenzofuran	50	44.3	ug/L	89				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	47.0	ug/L	94				70 (60)	130 (115)	
	Diethylphthalate	50	44.3	ug/L	89				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	44.1	ug/L	88				70 (61)	130 (104)	
	Fluorene	50	44.7	ug/L	89				70 (64)	130 (107)	
	4-Nitroaniline	50	45.1	ug/L	90				70 (55)	130 (125)	
	N-Nitrosodiphenylamine	50	46.8	ug/L	94				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	45.8	ug/L	92				70 (73)	130 (103)	
	Hexachlorobenzene	50	45.6	ug/L	91				70 (73)	130 (106)	
	Atrazine	50	46.7	ug/L	93				70 (76)	130 (120)	
	Phenanthrene	50	45.8	ug/L	92				70 (62)	130 (109)	
	Anthracene	50	46.0	ug/L	92				70 (65)	130 (110)	
	Carbazole	50	47.4	ug/L	95				70 (62)	130 (106)	
	Di-n-butylphthalate	50	46.1	ug/L	92				70 (64)	130 (106)	
	Fluoranthene	50	45.9	ug/L	92				70 (64)	130 (110)	
	Pyrene	50	46.2	ug/L	92				70 (71)	130 (103)	
	Butylbenzylphthalate	50	46.4	ug/L	93				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	26.4	ug/L	53		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	46.6	ug/L	93				70 (62)	130 (107)	
	Chrysene	50	46.4	ug/L	93				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	47.5	ug/L	95				70 (59)	130 (110)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168323BS	Di-n-octyl phthalate	50	48.1	ug/L	96				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	47.3	ug/L	95				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	47.5	ug/L	95				70 (77)	130 (105)	
	Benzo(a)pyrene	50	47.7	ug/L	95				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	47.4	ug/L	95				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	47.6	ug/L	95				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	47.6	ug/L	95				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	46.1	ug/L	92				70 (72)	130 (101)	
	1,4-Dioxane	50	36.2	ug/L	72				20 (38)	160 (125)	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168323BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: BP024872.D Lab Sample ID: PB168323BL

Instrument ID: BNA_P Date Extracted: 06/06/2025

Matrix: (soil/water) Water Date Analyzed: 06/09/2025

Level: (low/med) LOW Time Analyzed: 11:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168323BS	PB168323BS	BP024873.D	06/09/2025
P01W	Q2209-01	BP024875.D	06/09/2025
GW-MW01-060425MS	Q2230-03MS	BP024879.D	06/09/2025
GW-MW01-060425MSD	Q2230-04MSD	BP024880.D	06/09/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: BP024859.D DFTPP Injection Date: 06/06/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.9
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	6.6
275	10.0 - 60.0% of mass 198	31.2
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	84
443	15.0 - 24.0% of mass 442	16.1 (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
SSTDICC2.5	SSTDICC2.5	BP024860.D	06/06/2025	10:30
SSTDICC005	SSTDICC005	BP024861.D	06/06/2025	11:11
SSTDICC010	SSTDICC010	BP024862.D	06/06/2025	11:52
SSTDICC020	SSTDICC020	BP024863.D	06/06/2025	12:33
SSTDICCC040	SSTDICCC040	BP024864.D	06/06/2025	13:14
SSTDICC050	SSTDICC050	BP024865.D	06/06/2025	13:56
SSTDICC060	SSTDICC060	BP024866.D	06/06/2025	14:37
SSTDICC080	SSTDICC080	BP024867.D	06/06/2025	15:18

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: BP024870.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.2
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	30.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	75.5
443	15.0 - 24.0% of mass 442	14.5 (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	BP024871.D	06/09/2025	10:44
PB168323BL	PB168323BL	BP024872.D	06/09/2025	11:24
PB168323BS	PB168323BS	BP024873.D	06/09/2025	12:05
P01W	Q2209-01	BP024875.D	06/09/2025	13:31
GW-MW01-060425MS	Q2230-03MS	BP024879.D	06/09/2025	16:14
GW-MW01-060425MSD	Q2230-04MSD	BP024880.D	06/09/2025	16:55

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	255229	7.608	1115940	10.38	722087	14.24
	UPPER LIMIT	510458	8.108	2231880	10.878	1444170	14.742
	LOWER LIMIT	127615	7.108	557970	9.878	361044	13.742
	EPA SAMPLE NO.						
01	PB168323BL	278652	7.61	1083870	10.38	655689	14.25
02	PB168323BS	251786	7.61	1016040	10.38	628283	14.25
03	P01W	305772	7.61	1202320	10.38	730596	14.25
04	GW-MW01-060425MS	226271	7.61	937705	10.37	608220	14.25
05	GW-MW01-060425MSD	335961	7.61	1346860	10.38	841053	14.25

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: CHEMTECH

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1406330	17.048	1456980	21.477	1778910	24.724
	UPPER LIMIT	2812660	17.548	2913960	21.977	3557820	25.224
	LOWER LIMIT	703165	16.548	728490	20.977	889455	24.224
	EPA SAMPLE NO.						
01	PB168323BL	1268480	17.07	1277130	21.49	1472670	24.73
02	PB168323BS	1189380	17.06	1268870	21.48	1547950	24.72
03	P01W	1469780	17.05	1832300	21.47	2370310	24.71
04	GW-MW01-060425MS	1235200	17.04	1490400	21.47	1839740	24.71
05	GW-MW01-060425MSD	1657670	17.04	1681540	21.48	1927040	24.73

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

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:	
Project:	Power	Date Received:	
Client Sample ID:	PB168323BL	SDG No.:	Q2209
Lab Sample ID:	PB168323BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB168323BL	SDG No.:	Q2209
Lab Sample ID:	PB168323BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	85.2		30 (67) - 130 (132)	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.3		30 (52) - 130 (132)	84%	SPK: 100
1718-51-0	Terphenyl-d14	90.1		30 (42) - 130 (152)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	279000	7.608			

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Power			Date Received:	
Client Sample ID:	PB168323BL			SDG No.:	Q2209
Lab Sample ID:	PB168323BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	1080000	10.378			
15067-26-2	Acenaphthene-d10	656000	14.248			
1517-22-2	Phenanthrene-d10	1270000	17.066			
1719-03-5	Chrysene-d12	1280000	21.489			
1520-96-3	Perylene-d12	1470000	24.73			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.90	A		4.78	ug/L

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:	Power	Date Received:	
Client Sample ID:	PB168323BS	SDG No.:	Q2209
Lab Sample ID:	PB168323BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	36.0		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.9		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.1		1.30	5.00	ug/L
98-86-2	Acetophenone	45.2		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.9		1.40	2.50	ug/L
67-72-1	Hexachloroethane	43.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.3		0.76	5.00	ug/L
78-59-1	Isophorone	43.2		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.2		0.68	5.00	ug/L
91-20-3	Naphthalene	45.3		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.9		0.54	5.00	ug/L
105-60-2	Caprolactam	45.7		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	45.0		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	100	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	45.8		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	46.2		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	48.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.8		0.61	5.00	ug/L
208-96-8	Acenaphthylene	45.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	46.2		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	25.9		1.10	5.00	ug/L
83-32-9	Acenaphthene	45.2		0.55	5.00	ug/L
132-64-9	Dibenzofuran	44.3		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	47.0		1.20	5.00	ug/L
84-66-2	Diethylphthalate	44.3		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.1		0.68	5.00	ug/L
86-73-7	Fluorene	44.7		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	45.1		1.50	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Power	Date Received:	
Client Sample ID:	PB168323BS	SDG No.:	Q2209
Lab Sample ID:	PB168323BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	46.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.6		0.52	5.00	ug/L
1912-24-9	Atrazine	46.7		1.00	5.00	ug/L
85-01-8	Phenanthrene	45.8		0.50	5.00	ug/L
120-12-7	Anthracene	46.0		0.61	5.00	ug/L
86-74-8	Carbazole	47.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	46.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.9		0.82	5.00	ug/L
129-00-0	Pyrene	46.2		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	46.4		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	26.4		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.6		0.45	5.00	ug/L
218-01-9	Chrysene	46.4		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.5		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	47.3		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	47.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	47.7		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.6		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	47.6		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.1		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	36.2		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	79.4		30 (67) - 130 (132)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.9		30 (52) - 130 (132)	78%	SPK: 100
1718-51-0	Terphenyl-d14	79.2		30 (42) - 130 (152)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	252000	7.608			

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Power			Date Received:	
Client Sample ID:	PB168323BS			SDG No.:	Q2209
Lab Sample ID:	PB168323BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	1020000	10.378			
15067-26-2	Acenaphthene-d10	628000	14.248			
1517-22-2	Phenanthrene-d10	1190000	17.06			
1719-03-5	Chrysene-d12	1270000	21.483			
1520-96-3	Perylene-d12	1550000	24.724			

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:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MS	SDG No.:	Q2209
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	39.6		4.10	10.4	ug/L
111-44-4	bis(2-Chloroethyl)ether	51.3		0.84	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.9		1.30	5.20	ug/L
98-86-2	Acetophenone	55.9		0.77	5.20	ug/L
621-64-7	n-Nitroso-di-n-propylamine	50.4		1.50	2.60	ug/L
67-72-1	Hexachloroethane	24.9		0.68	5.20	ug/L
98-95-3	Nitrobenzene	54.9		0.79	5.20	ug/L
78-59-1	Isophorone	51.6		0.78	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	52.2		0.71	5.20	ug/L
91-20-3	Naphthalene	42.7		0.52	5.20	ug/L
106-47-8	4-Chloroaniline	31.4		0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	28.9		0.56	5.20	ug/L
105-60-2	Caprolactam	11.7		1.20	10.4	ug/L
91-57-6	2-Methylnaphthalene	48.7		0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	62.8		3.80	10.4	ug/L
92-52-4	1,1-Biphenyl	50.2		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	48.7		0.64	5.20	ug/L
88-74-4	2-Nitroaniline	51.3		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	54.0		0.64	5.20	ug/L
208-96-8	Acenaphthylene	50.7		0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	56.1		0.96	5.20	ug/L
99-09-2	3-Nitroaniline	33.9		1.10	5.20	ug/L
83-32-9	Acenaphthene	52.1		0.57	5.20	ug/L
132-64-9	Dibenzofuran	52.6		0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	60.2		1.30	5.20	ug/L
84-66-2	Diethylphthalate	56.7		0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	53.6		0.71	5.20	ug/L
86-73-7	Fluorene	53.8		0.66	5.20	ug/L
100-01-6	4-Nitroaniline	47.0		1.60	5.20	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MS	SDG No.:	Q2209
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	52.4		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	53.0		0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	53.4		0.54	5.20	ug/L
1912-24-9	Atrazine	57.8		1.10	5.20	ug/L
85-01-8	Phenanthrene	53.7		0.52	5.20	ug/L
120-12-7	Anthracene	53.8		0.64	5.20	ug/L
86-74-8	Carbazole	57.9		0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	58.4		1.30	5.20	ug/L
206-44-0	Fluoranthene	57.7		0.85	5.20	ug/L
129-00-0	Pyrene	51.4		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	56.8		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	19.1		0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	54.6		0.47	5.20	ug/L
218-01-9	Chrysene	53.4		0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.3		1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	58.4		2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	56.2		0.51	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	53.1		0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	54.1		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	56.3		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.5		0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	56.4		0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.6		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	18.1		1.00	5.20	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	90.5		30 (67) - 130 (132)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.6		30 (52) - 130 (132)	86%	SPK: 100
1718-51-0	Terphenyl-d14	80.4		30 (42) - 130 (152)	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	226000	7.608			

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:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MS	SDG No.:	Q2209
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	938000	10.372			
15067-26-2	Acenaphthene-d10	608000	14.248			
1517-22-2	Phenanthrene-d10	1240000	17.042			
1719-03-5	Chrysene-d12	1490000	21.471			
1520-96-3	Perylene-d12	1840000	24.713			

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:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MSD	SDG No.:	Q2209
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.8		4.20	10.6	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.2		0.86	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.5		1.40	5.30	ug/L
98-86-2	Acetophenone	55.5		0.79	5.30	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.1		1.50	2.70	ug/L
67-72-1	Hexachloroethane	24.9		0.69	5.30	ug/L
98-95-3	Nitrobenzene	54.8		0.81	5.30	ug/L
78-59-1	Isophorone	51.1		0.80	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	52.7		0.72	5.30	ug/L
91-20-3	Naphthalene	42.1		0.53	5.30	ug/L
106-47-8	4-Chloroaniline	28.9		0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	30.1		0.57	5.30	ug/L
105-60-2	Caprolactam	10.8		1.20	10.6	ug/L
91-57-6	2-Methylnaphthalene	48.6		0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	70.7		3.90	10.6	ug/L
92-52-4	1,1-Biphenyl	52.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	50.5		0.65	5.30	ug/L
88-74-4	2-Nitroaniline	49.4		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	53.9		0.65	5.30	ug/L
208-96-8	Acenaphthylene	51.1		0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	55.7		0.98	5.30	ug/L
99-09-2	3-Nitroaniline	32.5		1.10	5.30	ug/L
83-32-9	Acenaphthene	52.7		0.59	5.30	ug/L
132-64-9	Dibenzofuran	52.6		0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	57.4		1.30	5.30	ug/L
84-66-2	Diethylphthalate	56.7		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	54.1		0.72	5.30	ug/L
86-73-7	Fluorene	53.9		0.67	5.30	ug/L
100-01-6	4-Nitroaniline	44.3		1.60	5.30	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MSD	SDG No.:	Q2209
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	53.2		0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	56.8		0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	55.5		0.55	5.30	ug/L
1912-24-9	Atrazine	57.4		1.10	5.30	ug/L
85-01-8	Phenanthrene	53.6		0.53	5.30	ug/L
120-12-7	Anthracene	53.0		0.65	5.30	ug/L
86-74-8	Carbazole	54.8		0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	59.9		1.30	5.30	ug/L
206-44-0	Fluoranthene	54.9		0.87	5.30	ug/L
129-00-0	Pyrene	56.8		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	63.2		2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	18.2		0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	55.1		0.48	5.30	ug/L
218-01-9	Chrysene	54.7		0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	66.5		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	64.9		2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	56.0		0.52	5.30	ug/L
207-08-9	Benzo(k)fluoranthene	55.1		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	54.8		0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	55.3		0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	55.8		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	54.4		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48.8		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	19.4		1.10	5.30	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	88.0		30 (67) - 130 (132)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.9		30 (52) - 130 (132)	86%	SPK: 100
1718-51-0	Terphenyl-d14	89.3		30 (42) - 130 (152)	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	336000	7.608			

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Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MSD	SDG No.:	Q2209
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	1350000	10.378			
15067-26-2	Acenaphthene-d10	841000	14.248			
1517-22-2	Phenanthrene-d10	1660000	17.042			
1719-03-5	Chrysene-d12	1680000	21.477			
1520-96-3	Perylene-d12	1930000	24.73			

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 MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024860.D 5 =BP024861.D 10 =BP024862.D 20 =BP024863.D 40 =BP024864.D 50 =BP024865.D 60 =BP024866.D 80 =BP0248
67.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.564	0.529	0.524	0.495	0.546	0.515	0.517	0.527	4.21
3)		Pyridine		1.151	1.183	1.265	1.226	1.370	1.367	1.315	1.268	6.84
4)		n-Nitrosodimet...			0.478	0.509	0.502	0.542	0.554	0.525	0.518	5.36
5)	S	2-Fluorophenol		1.127	1.139	1.207	1.163	1.283	1.253	1.215	1.198	4.85
6)		Aniline		1.917	1.892	2.016	1.978	2.145	2.182	2.031	2.023	5.37
7)	S	Phenol-d6		1.507	1.528	1.588	1.545	1.676	1.689	1.564	1.585	4.49
8)		2-Chlorophenol		1.336	1.290	1.346	1.314	1.453	1.422	1.348	1.358	4.29
9)		Benzaldehyde			1.038	1.071	0.873	0.985	0.869	0.646	0.914	16.98
10)	C	Phenol		1.560	1.564	1.616	1.587	1.725	1.759	1.629	1.634	4.78
11)		bis(2-Chloroet...		1.222	1.277	1.334	1.234	1.363	1.322	1.246	1.285	4.26
12)		1,3-Dichlorobe...		1.570	1.515	1.537	1.425	1.571	1.519	1.471	1.515	3.49
13)	C	1,4-Dichlorobe...		1.596	1.507	1.535	1.439	1.604	1.534	1.488	1.529	3.82
14)		1,2-Dichlorobe...		1.529	1.637	1.488	1.401	1.540	1.492	1.422	1.501	5.25
15)		Benzyl Alcohol			1.137	1.185	1.170	1.289	1.309	1.211	1.217	5.63
16)		2,2'-oxybis(1-...		1.748	1.732	1.722	1.583	1.751	1.667	1.574	1.682	4.54
17)		2-Methylphenol		1.053	1.149	1.138	1.106	1.210	1.211	1.121	1.141	4.94
18)		Hexachloroethane		0.591	0.565	0.581	0.545	0.611	0.574	0.562	0.576	3.73
19)	P	n-Nitroso-di-n...	0.984	1.101	1.105	1.107	1.043	1.141	1.113	1.029	1.078	4.93
20)		3+4-Methylphenols			1.507	1.548	1.493	1.631	1.648	1.515	1.557	4.29
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.506	0.521	0.511	0.491	0.535	0.510	0.463	0.505	4.58
23)	S	Nitrobenzene-d5		0.407	0.397	0.423	0.404	0.444	0.423	0.383	0.412	4.89
24)		Nitrobenzene		0.366	0.351	0.375	0.360	0.392	0.376	0.339	0.366	4.81
25)		Isophorone		0.704	0.678	0.724	0.694	0.764	0.726	0.704	0.713	3.91
26)	C	2-Nitrophenol		0.154	0.157	0.178	0.180	0.201	0.195	0.198	0.180	10.62
27)		2,4-Dimethylph...		0.294	0.286	0.310	0.303	0.331	0.320	0.318	0.309	5.12
28)		bis(2-Chloroet...		0.414	0.408	0.438	0.414	0.465	0.423	0.416	0.426	4.70
29)	C	2,4-Dichloroph...		0.246	0.272	0.300	0.292	0.327	0.313	0.323	0.296	9.81
30)		1,2,4-Trichlor...		0.335	0.319	0.335	0.317	0.352	0.330	0.351	0.334	4.16
31)		Naphthalene		1.071	1.022	1.044	0.989	1.079	1.035	0.935	1.025	4.86
32)		Benzoic acid			0.159	0.181	0.204	0.230	0.235	0.243	0.209	16.01
33)		4-Chloroaniline		0.397	0.401	0.435	0.426	0.471	0.463	0.414	0.429	6.72
34)	C	Hexachlorobuta...		0.203	0.199	0.208	0.194	0.218	0.198	0.189	0.201	4.76
35)		Caprolactam			0.098	0.109	0.110	0.118	0.116	0.104	0.109	6.91
36)	C	4-Chloro-3-met...		0.312	0.322	0.351	0.341	0.374	0.363	0.329	0.342	6.58
37)		2-Methylnaphth...		0.659	0.638	0.659	0.633	0.696	0.664	0.602	0.650	4.54
38)		1-Methylnaphth...		0.720	0.680	0.718	0.671	0.741	0.693	0.643	0.695	4.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.568	0.561	0.568	0.538	0.601	0.574	0.562	0.568	3.31
41)	P	Hexachlorocycl...		0.259	0.315	0.337	0.404	0.369	0.394	0.346	15.74
42)	S	2,4,6-Tribromo...	0.256	0.264	0.279	0.267	0.298	0.286	0.285	0.277	5.26
43)	C	2,4,6-Trichlor...	0.342	0.352	0.386	0.375	0.411	0.404	0.396	0.381	6.86
44)		2,4,5-Trichlor...	0.349	0.379	0.414	0.405	0.448	0.436	0.426	0.408	8.44
45)	S	2-Fluorobiphenyl	1.542	1.507	1.517	1.390	1.563	1.464	1.409	1.485	4.44
46)		1,1'-Biphenyl	1.477	1.456	1.485	1.386	1.509	1.458	1.403	1.453	3.05
47)		2-Chloronaphth...	1.123	1.104	1.135	1.069	1.171	1.136	1.081	1.117	3.16
48)		2-Nitroaniline	0.289	0.324	0.344	0.346	0.371	0.374	0.355	0.343	8.59
49)		Acenaphthylene	1.880	1.851	1.892	1.768	1.939	1.904	1.805	1.863	3.19
50)		Dimethylphthalate	1.515	1.450	1.501	1.400	1.550	1.473	1.438	1.475	3.45
51)		2,6-Dinitrotol...	0.299	0.301	0.326	0.312	0.339	0.333	0.317	0.318	4.86
52)	C	Acenaphthene	1.106	1.064	1.090	1.020	1.087	1.069	1.036	1.067	2.86
53)		3-Nitroaniline	0.263	0.292	0.337	0.338	0.367	0.364	0.349	0.330	11.74
54)	P	2,4-Dinitrophenol		0.117	0.155	0.179	0.203	0.208	0.205	0.178	20.23
55)		Dibenzofuran	1.815	1.721	1.756	1.627	1.757	1.702	1.615	1.713	4.22
56)	P	4-Nitrophenol		0.142	0.213	0.248	0.276	0.281	0.275	0.239	22.62
57)		2,4-Dinitrotol...	0.390	0.416	0.457	0.437	0.487	0.470	0.458	0.445	7.45
58)		Fluorene	1.437	1.394	1.420	1.304	1.434	1.370	1.329	1.384	3.77
59)		2,3,4,6-Tetrac...	0.343	0.350	0.360	0.354	0.395	0.381	0.370	0.365	5.04
60)		Diethylphthalate	1.501	1.474	1.487	1.393	1.545	1.444	1.449	1.470	3.27
61)		4-Chlorophenyl...	0.711	0.668	0.689	0.637	0.709	0.665	0.658	0.677	4.06
62)		4-Nitroaniline	0.239	0.235	0.307	0.311	0.336	0.333	0.334	0.299	14.69
63)		Azobenzene	1.346	1.334	1.394	1.300	1.425	1.335	1.307	1.349	3.37
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.102	0.125	0.130	0.147	0.143	0.142	0.131	12.78
66)	c	n-Nitrosodiphe...	0.627	0.608	0.633	0.597	0.659	0.622	0.594	0.620	3.68
67)		4-Bromophenyl-...	0.224	0.215	0.226	0.213	0.246	0.229	0.226	0.226	4.83
68)		Hexachlorobenzene	0.278	0.268	0.272	0.260	0.290	0.275	0.272	0.274	3.31
69)		Atrazine	0.213	0.212	0.231	0.217	0.244	0.228	0.228	0.225	5.16
70)	C	Pentachlorophenol		0.105	0.131	0.139	0.162	0.153	0.159	0.142	15.21
71)		Phenanthrene	1.158	1.108	1.110	1.056	1.161	1.102	1.041	1.105	4.12
72)		Anthracene	1.129	1.093	1.137	1.072	1.188	1.133	1.083	1.119	3.58
73)		Carbazole	1.023	1.013	1.057	0.998	1.112	1.052	1.007	1.038	3.83
74)		Di-n-butylphth...	1.178	1.245	1.326	1.272	1.421	1.273	1.284	1.285	5.81
75)	C	Fluoranthene	1.300	1.287	1.307	1.223	1.344	1.268	1.238	1.281	3.25
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.512	0.669	0.653	0.690	0.663	0.529	0.619	12.54
78)		Pyrene	1.307	1.195	1.261	1.184	1.322	1.272	1.206	1.249	4.41
79)	S	Terphenyl-d14	1.178	1.073	1.146	1.089	1.164	1.120	1.039	1.116	4.57
80)		Butylbenzylpht...	0.508	0.529	0.581	0.561	0.641	0.596	0.589	0.572	7.74
81)		Benzo(a)anthra...	1.312	1.234	1.288	1.219	1.347	1.310	1.243	1.279	3.73
82)		3,3'-Dichlorob...		0.468	0.513	0.493	0.542	0.531	0.501	0.508	5.29
83)		Chrysene	1.252	1.174	1.229	1.144	1.279	1.238	1.168	1.212	4.13
84)		Bis(2-ethylhex...	0.715	0.780	0.846	0.797	0.921	0.831	0.850	0.820	7.87
85)	c	Di-n-octyl pht...		1.320	1.438	1.384	1.587	1.470	1.473	1.445	6.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.427	1.402	1.469	1.412	1.559	1.510	1.436	1.459	3.92
88)		Benzo(b)fluora...	1.103	1.104	1.133	1.127	1.232	1.180	1.133	1.145	4.06
89)		Benzo(k)fluora...	1.165	1.144	1.180	1.106	1.259	1.158	1.144	1.165	4.05
90)	C	Benzo(a)pyrene	1.096	1.069	1.127	1.070	1.214	1.136	1.113	1.118	4.46
91)		Dibenzo(a,h)an...	1.151	1.143	1.202	1.143	1.279	1.224	1.172	1.188	4.25
92)		Benzo(g,h,i)pe...	1.172	1.127	1.183	1.136	1.261	1.214	1.157	1.179	3.95

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG No.: Q2209

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.175		-1.9	
Benzaldehyde	0.914	0.893		-2.3	
Phenol-d6	1.585	1.601		1.0	
bis(2-Chloroethyl)ether	1.285	1.280		-0.4	
2,2-oxybis(1-Chloropropane)	1.682	1.631		-3.0	
Acetophenone	0.505	0.492		-2.6	
n-Nitroso-di-n-propylamine	1.078	1.088	0.050	0.9	
Nitrobenzene-d5	0.412	0.405		-1.7	
Hexachloroethane	0.576	0.542		-5.9	
Nitrobenzene	0.366	0.359		-1.9	
Isophorone	0.713	0.693		-2.8	
bis(2-Chloroethoxy)methane	0.426	0.409		-4.0	
Naphthalene	1.025	0.984		-4.0	
4-Chloroaniline	0.429	0.434		1.2	
Hexachlorobutadiene	0.201	0.187		-7.0	20.0
Caprolactam	0.109	0.112		2.8	
2-Methylnaphthalene	0.650	0.642		-1.2	
Hexachlorocyclopentadiene	0.346	0.332	0.050	-4.0	
2-Fluorobiphenyl	1.485	1.394		-6.1	
1,1-Biphenyl	1.453	1.381		-5.0	
2-Chloronaphthalene	1.117	1.069		-4.3	
2-Nitroaniline	0.343	0.351		2.3	
Dimethylphthalate	1.475	1.400		-5.1	
Acenaphthylene	1.863	1.770		-5.0	
2,6-Dinitrotoluene	0.318	0.308		-3.1	
3-Nitroaniline	0.330	0.343		3.9	
Acenaphthene	1.067	1.029		-3.6	20.0
Dibenzofuran	1.713	1.630		-4.8	
2,4-Dinitrotoluene	0.445	0.443		-0.4	
Diethylphthalate	1.470	1.395		-5.1	
4-Chlorophenyl-phenylether	0.677	0.627		-7.4	
Fluorene	1.384	1.326		-4.2	
4-Nitroaniline	0.299	0.327		9.4	
n-Nitrosodiphenylamine	0.620	0.596		-3.9	20.0
2,4,6-Tribromophenol	0.277	0.273		-1.4	
4-Bromophenyl-phenylether	0.226	0.216		-4.4	
Hexachlorobenzene	0.274	0.261		-4.7	
Atrazine	0.225	0.214		-4.9	
Phenanthrene	1.105	1.056		-4.4	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG No.: Q2209

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.119	1.067		-4.6	
Carbazole	1.038	1.005		-3.2	
Di-n-butylphthalate	1.285	1.195		-7.0	
Fluoranthene	1.281	1.200		-6.3	20.0
Pyrene	1.249	1.182		-5.4	
Terphenyl-d14	1.116	1.046		-6.3	
Butylbenzylphthalate	0.572	0.544		-4.9	
3,3-Dichlorobenzidine	0.508	0.491		-3.3	
Benzo(a)anthracene	1.279	1.229		-3.9	
Chrysene	1.212	1.154		-4.8	
Bis(2-ethylhexyl)phthalate	0.820	0.772		-5.9	
Di-n-octyl phthalate	1.445	1.351		-6.5	20.0
Benzo(b)fluoranthene	1.145	1.096		-4.3	
Benzo(k)fluoranthene	1.165	1.086		-6.8	
Benzo(a)pyrene	1.118	1.057		-5.5	20.0
Indeno(1,2,3-cd)pyrene	1.459	1.436		-1.6	
Dibenzo(a,h)anthracene	1.188	1.170		-1.5	
Benzo(g,h,i)perylene	1.179	1.158		-1.8	
1,2,4,5-Tetrachlorobenzene	0.568	0.541		-4.8	
1,4-Dioxane	0.527	0.520		-1.3	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

Quant Time: Jun 09 13:51:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

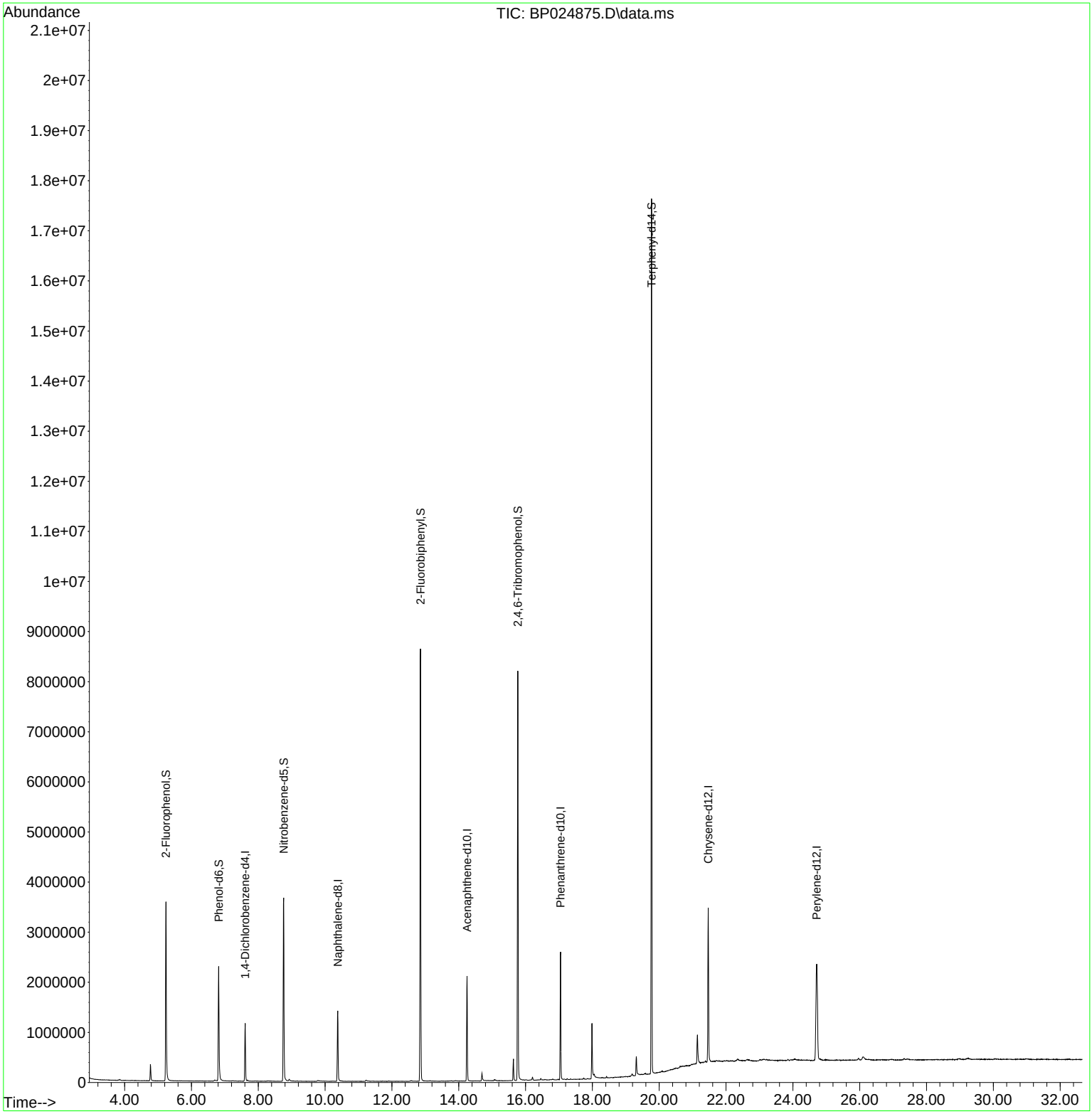
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	305772	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1202322	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	730596	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1469775	20.000	ng	-0.01
76) Chrysene-d12	21.466	240	1832304	20.000	ng	-0.02
86) Perylene-d12	24.712	264	2370307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1664555	90.868	ng	0.00
7) Phenol-d6	6.813	99	1441905	59.491	ng	0.00
23) Nitrobenzene-d5	8.760	82	2205524	89.138	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1613344	159.723	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	4535208	83.623	ng	0.00
79) Terphenyl-d14	19.772	244	8128028	79.503	ng	-0.02
Target Compounds						Qvalue

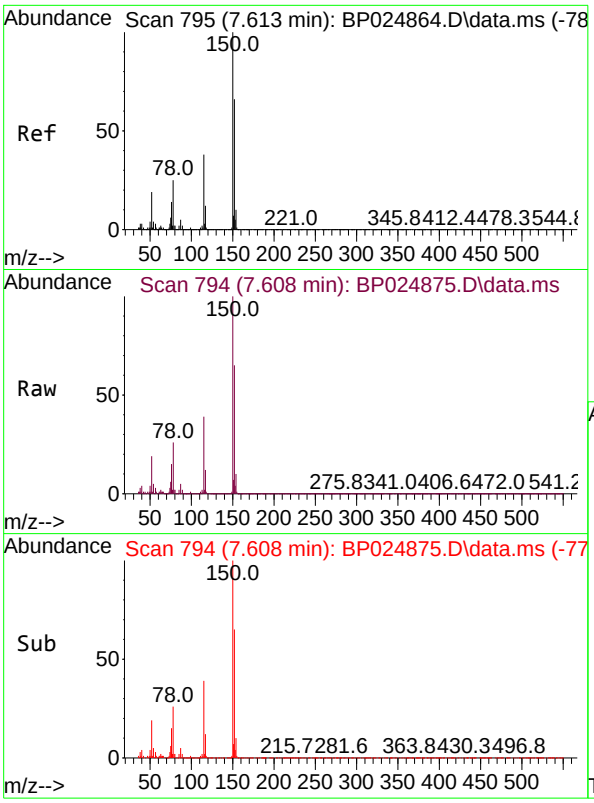
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

Quant Time: Jun 09 13:51:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



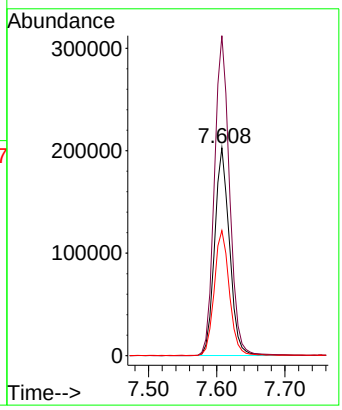


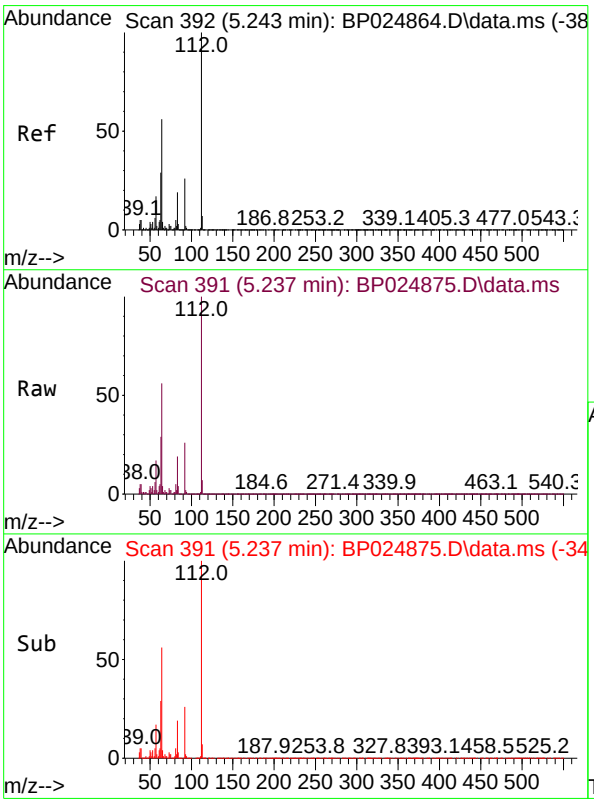
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 79
Delta R.T. -0.005 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Instrument :
BNA_P
ClientSampleId :
P01W

Tgt Ion:152 Resp: 305772

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.1	183.1
115	60.1	46.4	69.6

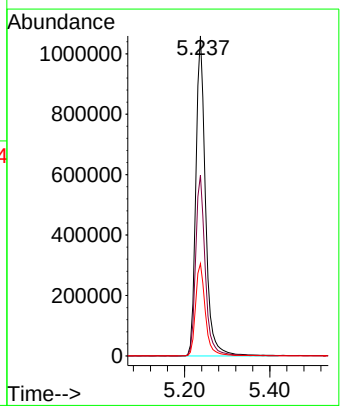


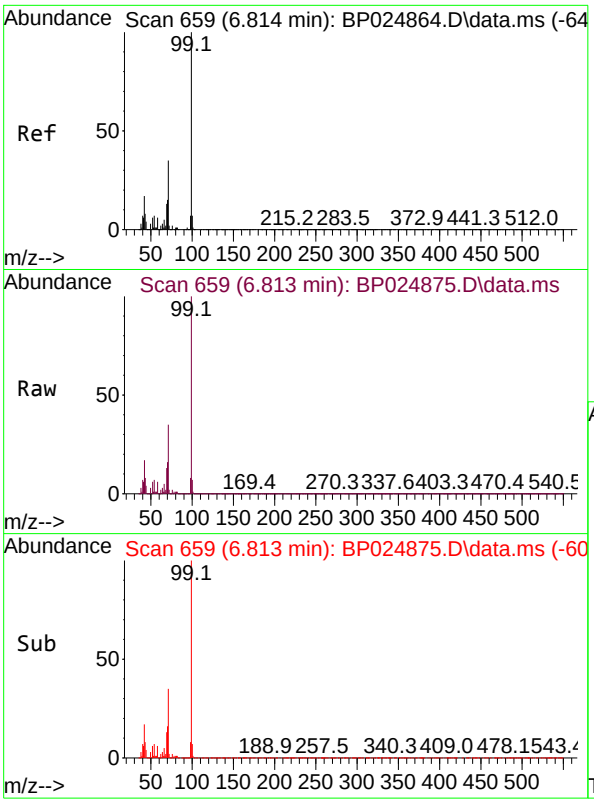


#5
2-Fluorophenol
Concen: 90.868 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:112 Resp: 1664555

Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.7	67.1
63	28.8	23.5	35.3



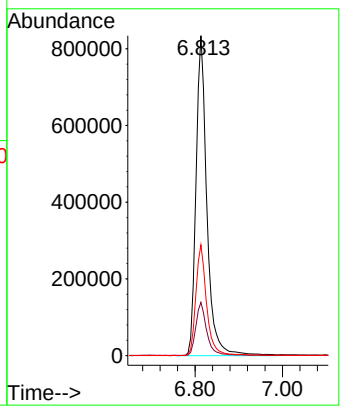


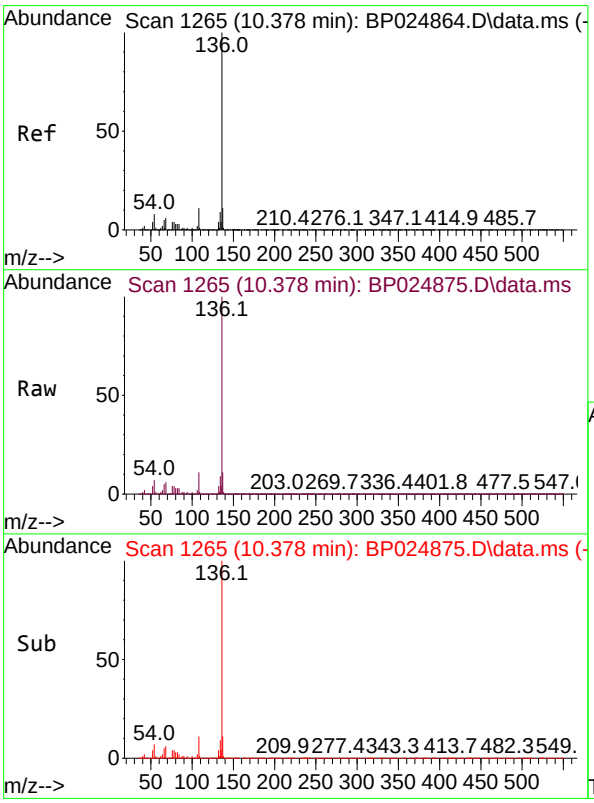
#7
Phenol-d6
Concen: 59.491 ng
RT: 6.813 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Instrument :
BNA_P
ClientSampleId :
P01W

Tgt Ion: 99 Resp: 1441905

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	34.6	27.6	41.4

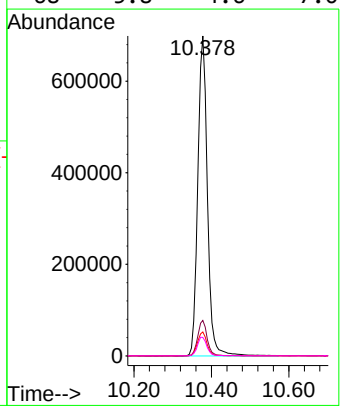


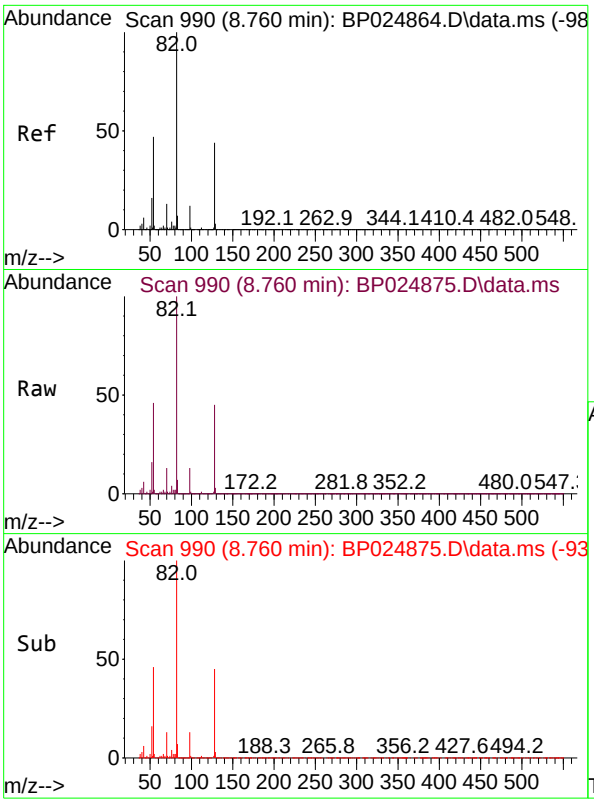


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:136 Resp: 1202322

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.1	9.1
68	5.8	4.6	7.0



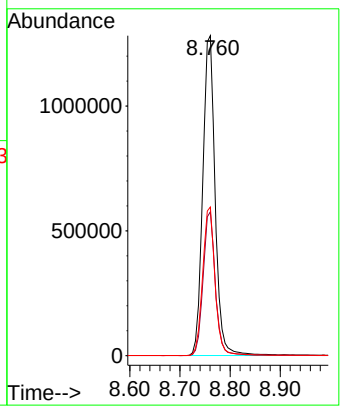


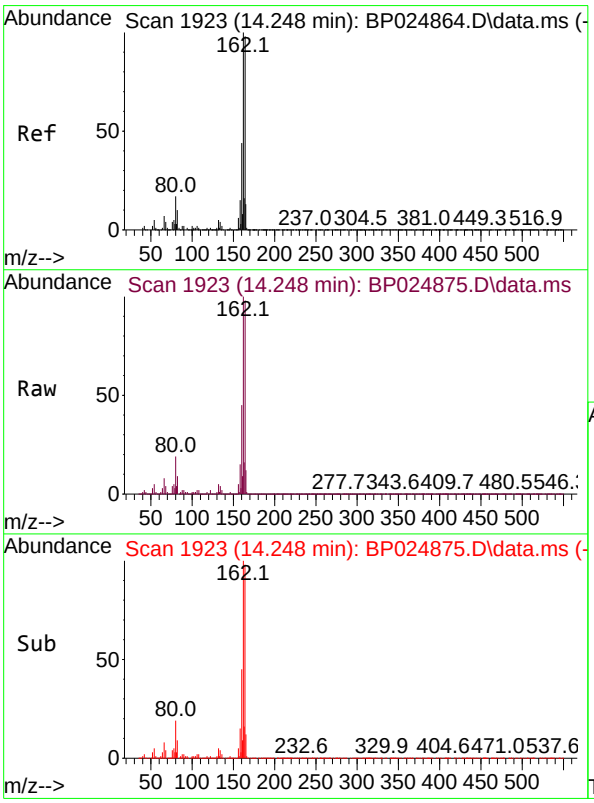
#23
Nitrobenzene-d5
Concen: 89.138 ng
RT: 8.760 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Instrument :
BNA_P
ClientSampleId :
P01W

Tgt Ion: 82 Resp: 2205524

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.3	52.9
54	46.4	37.4	56.0

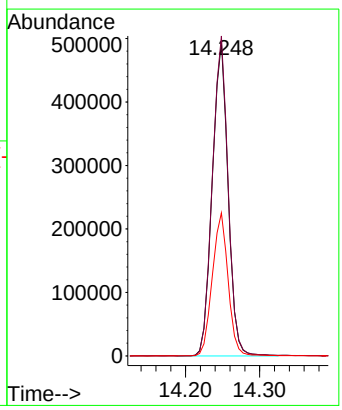


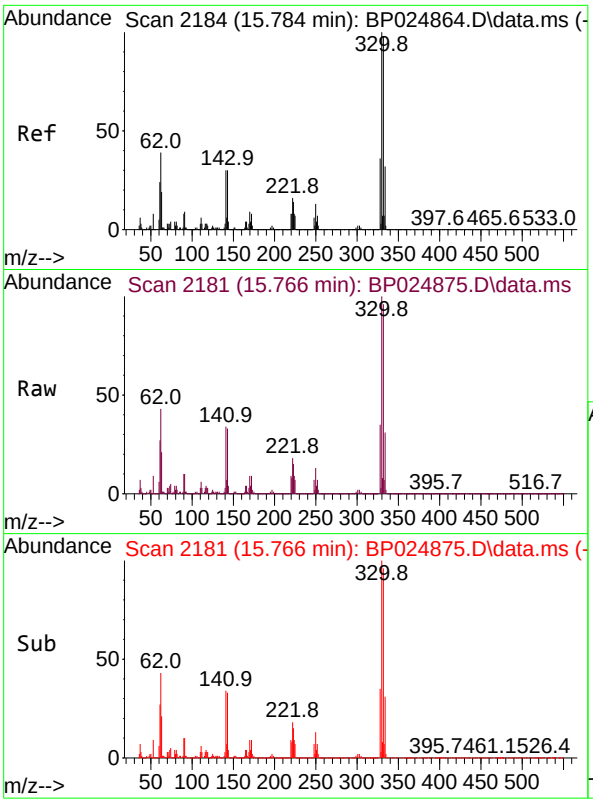


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:164 Resp: 730596

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	45.5	36.2	54.2



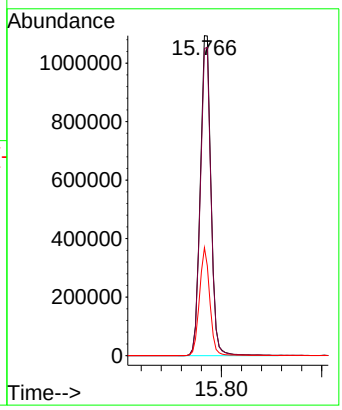


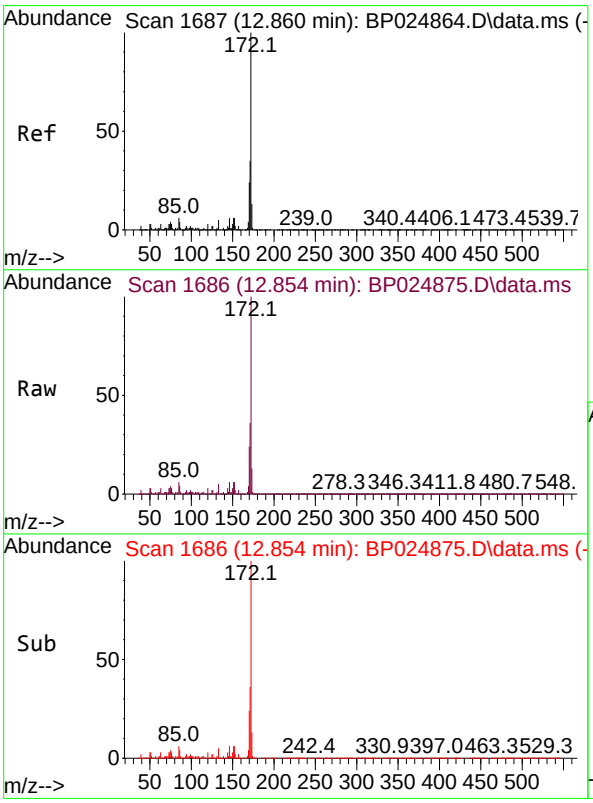
#42
2,4,6-Tribromophenol
Concen: 159.723 ng
RT: 15.766 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Instrument :
BNA_P
ClientSampleId :
P01W

Tgt Ion:330 Resp: 1613344

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	32.5	26.4	39.6

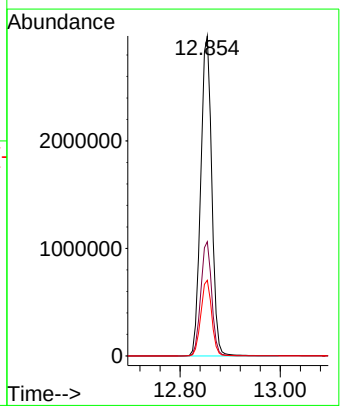


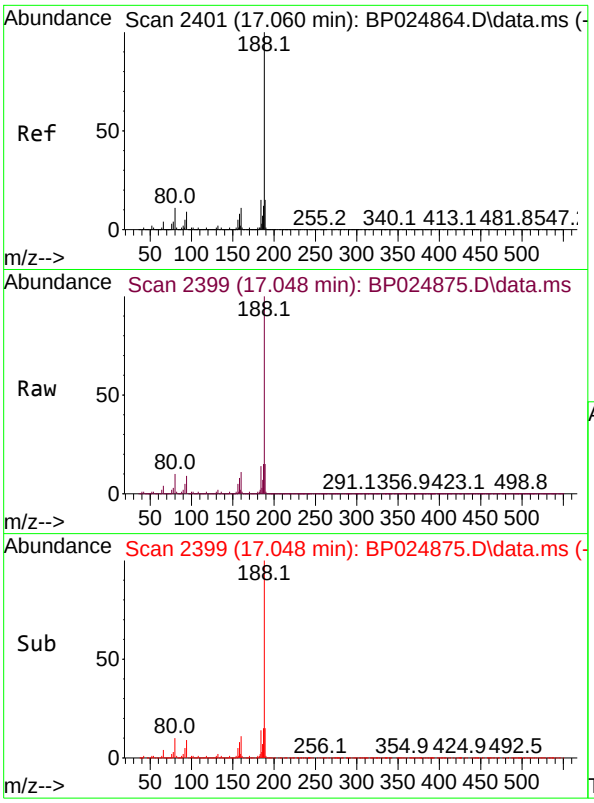


#45
2-Fluorobiphenyl
Concen: 83.623 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:172 Resp: 4535208

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	23.6	19.0	28.4



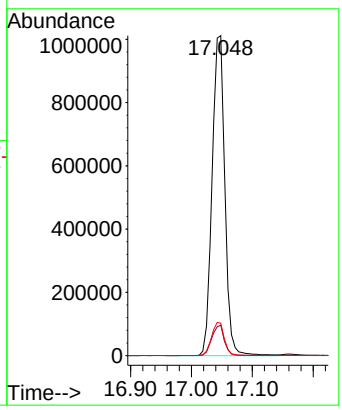


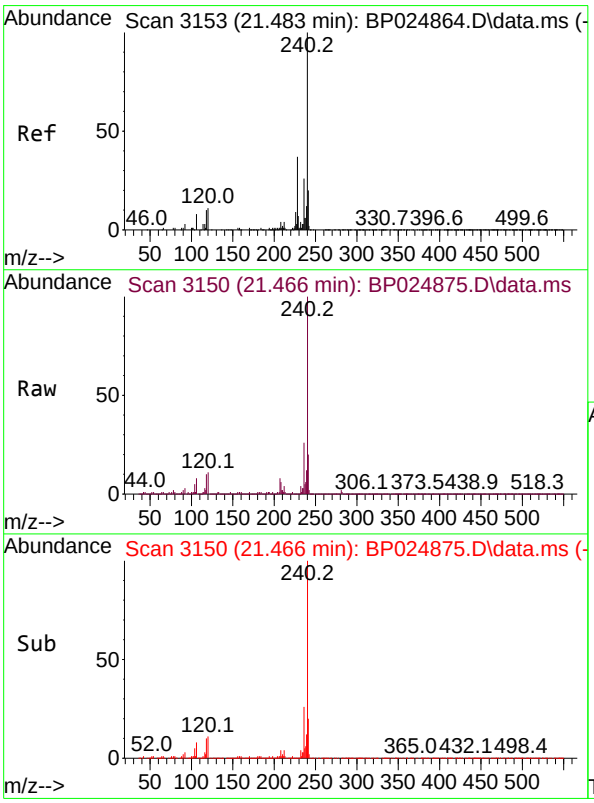
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Instrument :
BNA_P
ClientSampleId :
P01W

Tgt Ion:188 Resp: 1469775

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.1	8.5	12.7

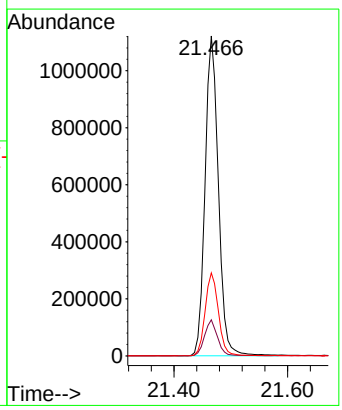


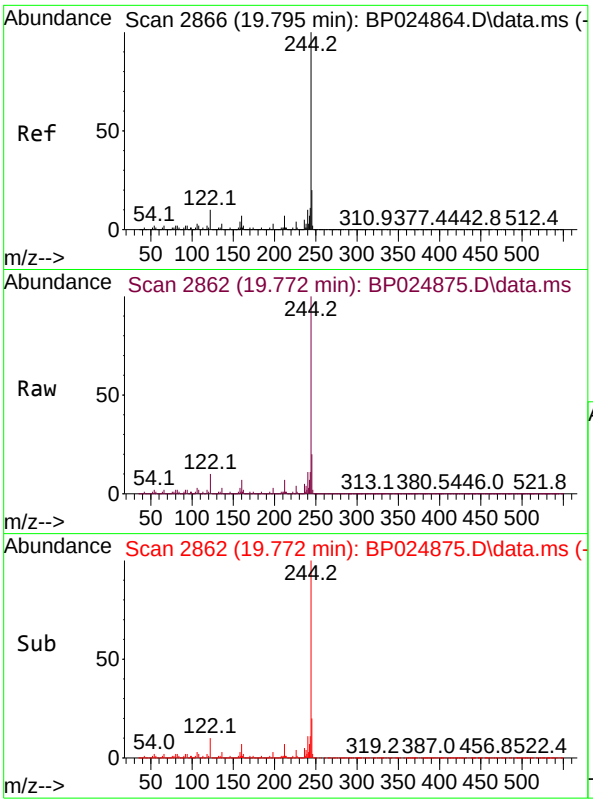


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.466 min Scan# 3150
Delta R.T. -0.018 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:240 Resp: 1832304

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.9	20.9	31.3



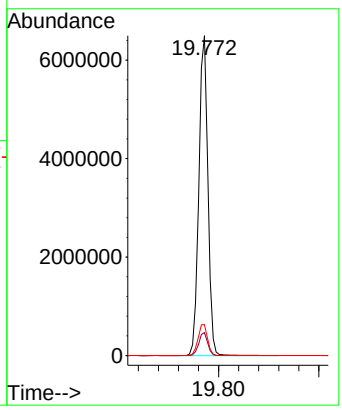


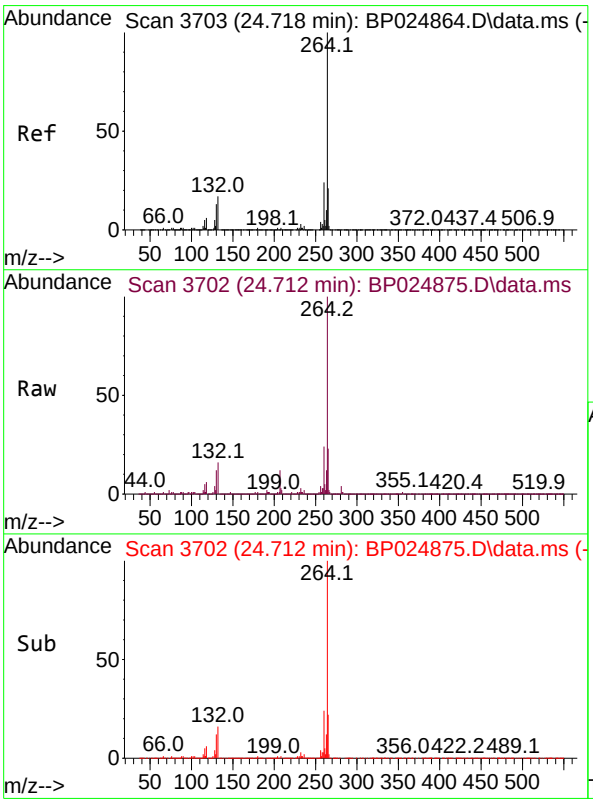
#79
Terphenyl-d14
Concen: 79.503 ng
RT: 19.772 min Scan# 28
Delta R.T. -0.024 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Instrument :
BNA_P
ClientSampleId :
P01W

Tgt Ion:244 Resp: 8128028

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	9.7	7.7	11.5

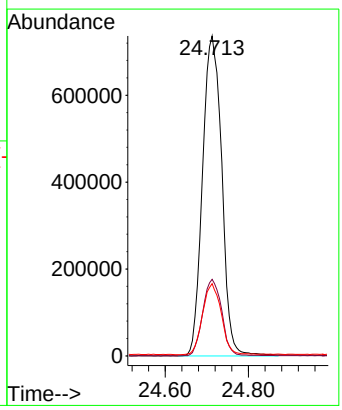




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.712 min Scan# 3702
Delta R.T. -0.006 min
Lab File: BP024875.D
Acq: 09 Jun 2025 13:31

Tgt Ion:264 Resp: 2370307

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	22.6	17.4	26.0



Sample Results: **BP024875.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

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_P\Methods\8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024875.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	307	312	323	rBV	326215	471128	2.14%	0.525%
2	5.237	385	391	408	rBV	3572799	5600503	25.39%	6.245%
3	6.813	653	659	688	rVB	2281355	3934373	17.83%	4.387%
4	7.608	787	794	802	rBV	1153760	1761874	7.99%	1.964%
5	8.760	982	990	1013	rBV	3659435	6274148	28.44%	6.996%
6	10.378	1256	1265	1280	rBV	1406646	2430297	11.02%	2.710%
7	12.854	1679	1686	1701	rBV	8632869	13233015	59.98%	14.755%
8	14.248	1916	1923	1937	rBV	2095103	3156303	14.31%	3.519%
9	14.695	1994	1999	2009	rBV	148433	258065	1.17%	0.288%
10	15.637	2153	2159	2165	rBV	431940	590872	2.68%	0.659%
11	15.766	2174	2181	2201	rBV	8172918	11806540	53.52%	13.164%
12	17.048	2392	2399	2412	rBV	2552338	3711484	16.82%	4.138%
13	17.989	2553	2559	2567	rBV	1109018	1709530	7.75%	1.906%
14	19.313	2779	2784	2796	rBV	380157	689588	3.13%	0.769%
15	19.772	2856	2862	2877	rBV	17459509	22061230	100.00%	24.598%
16	21.142	3090	3095	3107	rBV	569628	1054692	4.78%	1.176%
17	21.466	3144	3150	3162	rBV2	3075222	4975485	22.55%	5.548%
18	24.713	3693	3702	3715	rVB2	1896052	5967155	27.05%	6.653%

Sum of corrected areas: 89686282

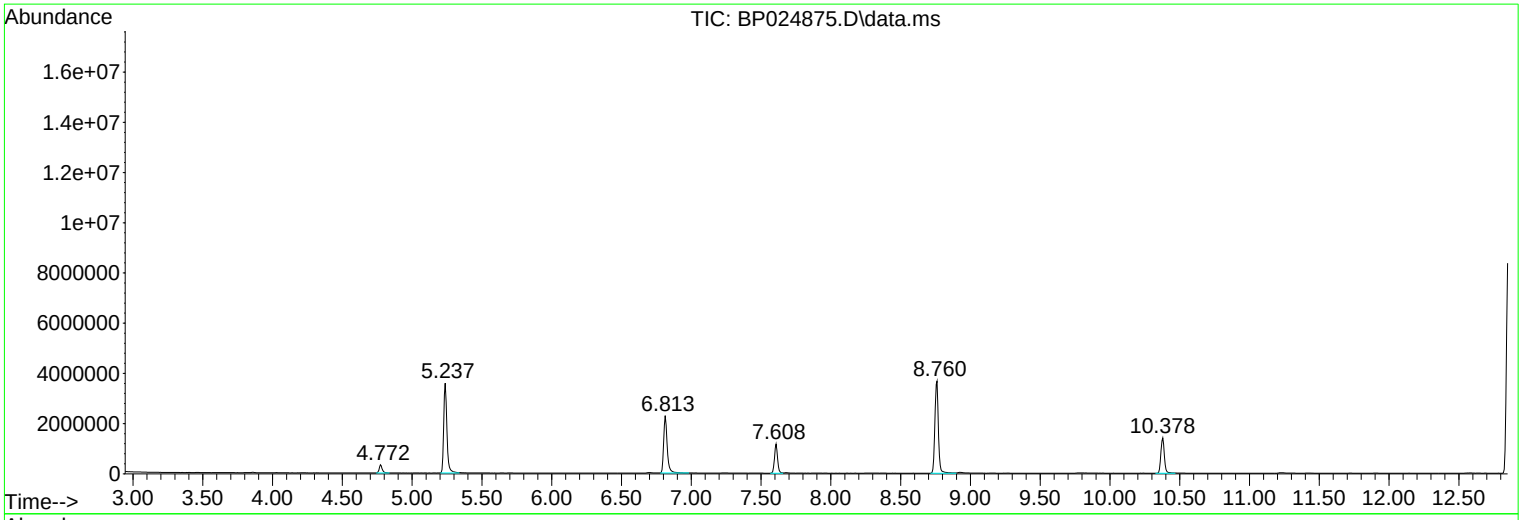
Sample Results: **BP024875.D**

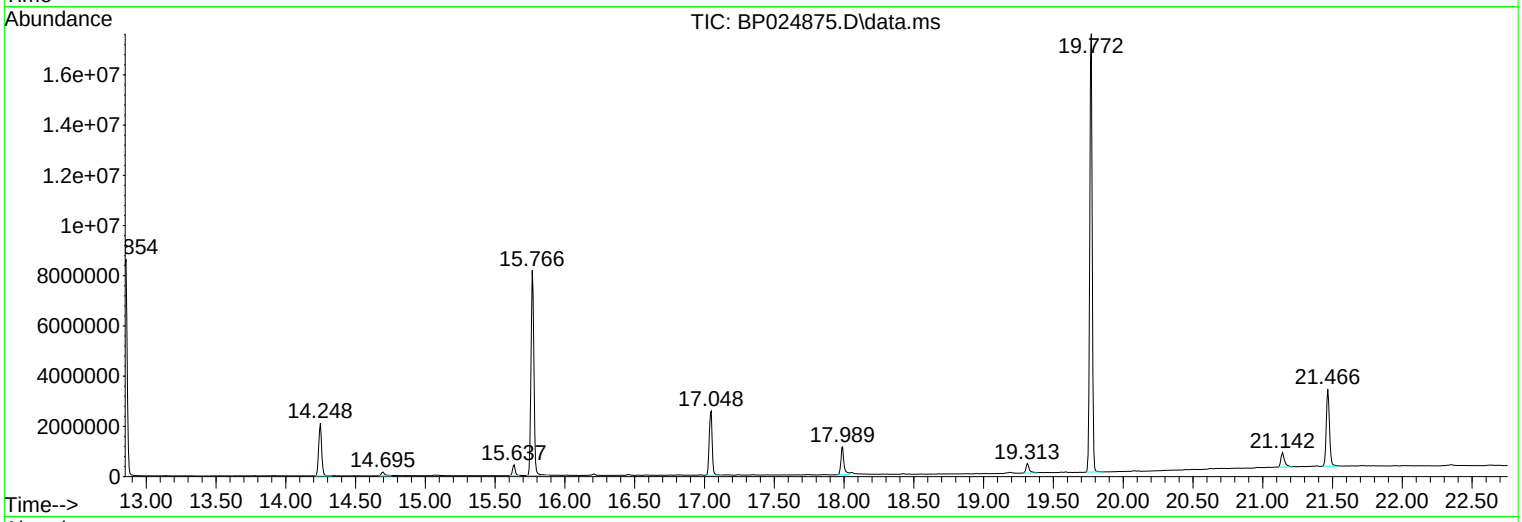
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

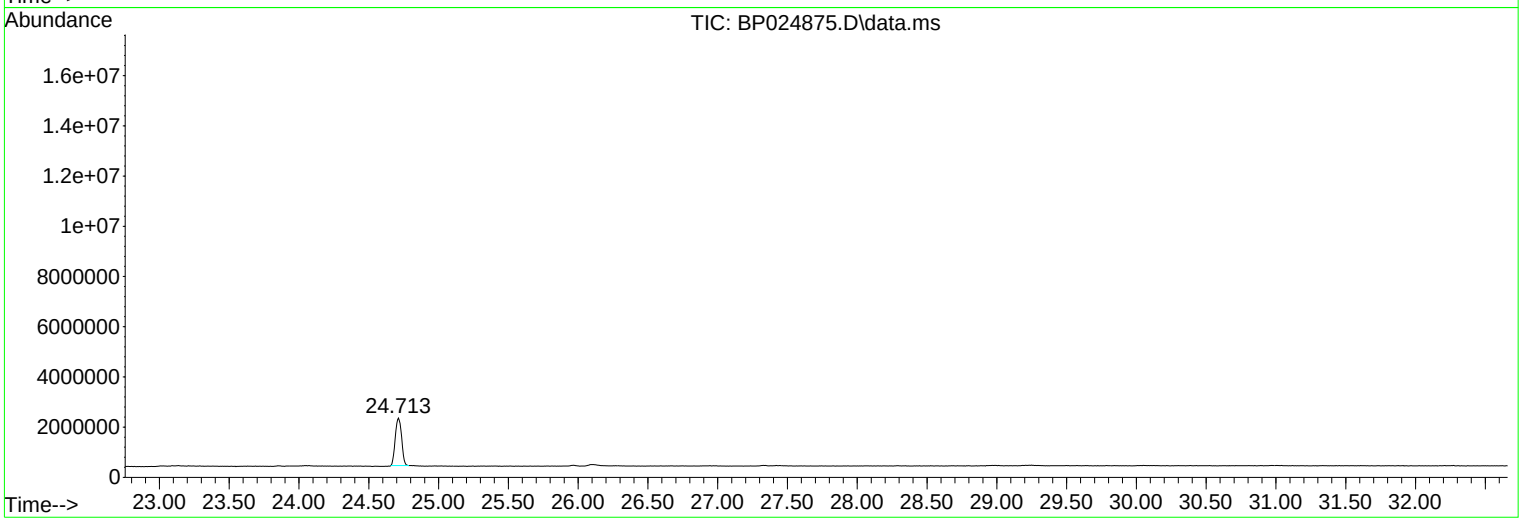
Instrument :
BNA_P
ClientSampleId :
P01W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

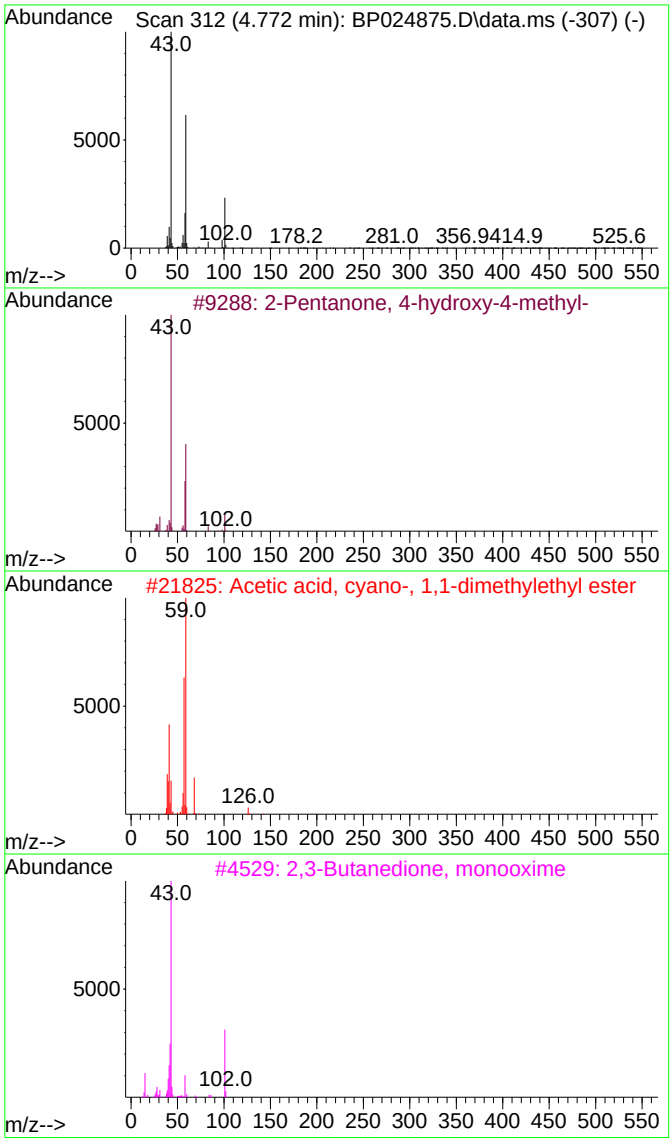
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

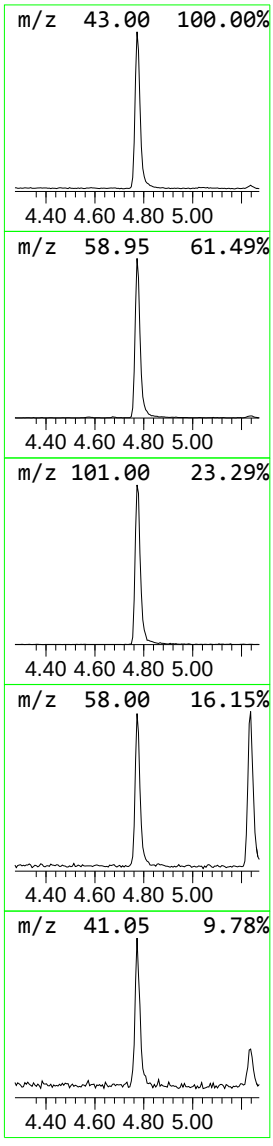
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	5.35 ng	471128	1,4-Dichlorobenzene-d4	7.608

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

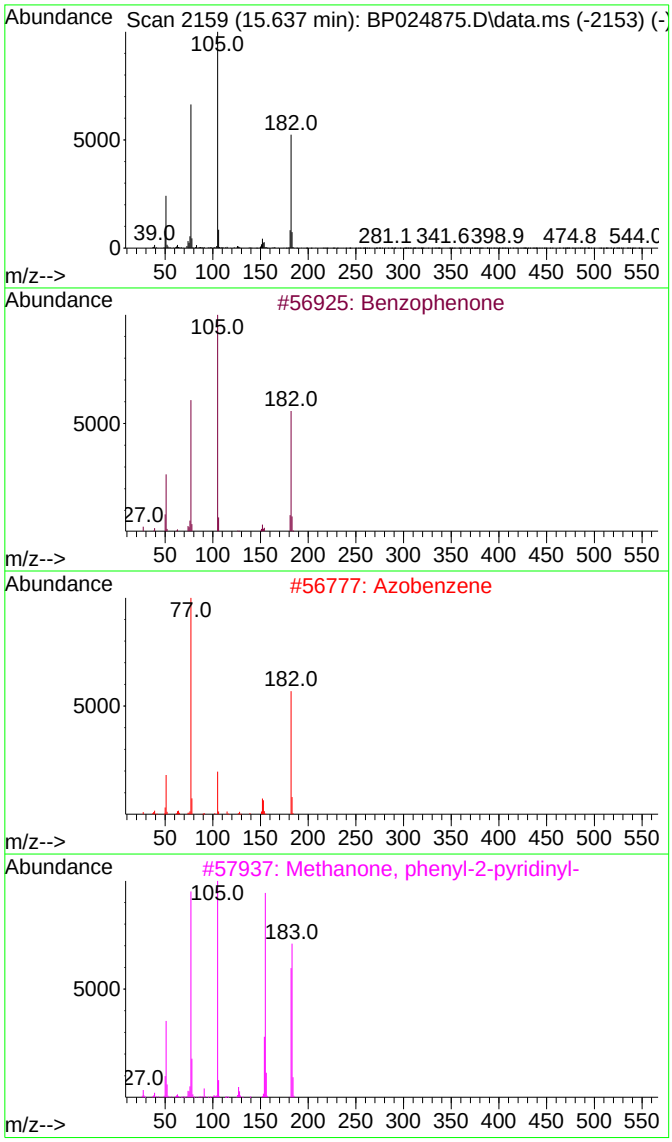
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

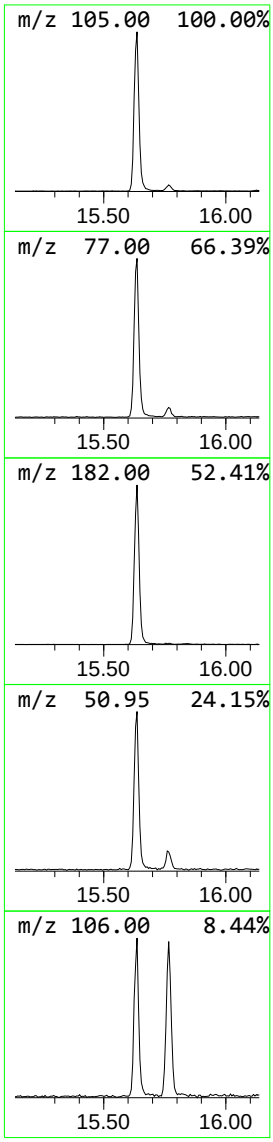
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.637	3.74 ng	590872	Acenaphthene-d10	14.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72
4	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

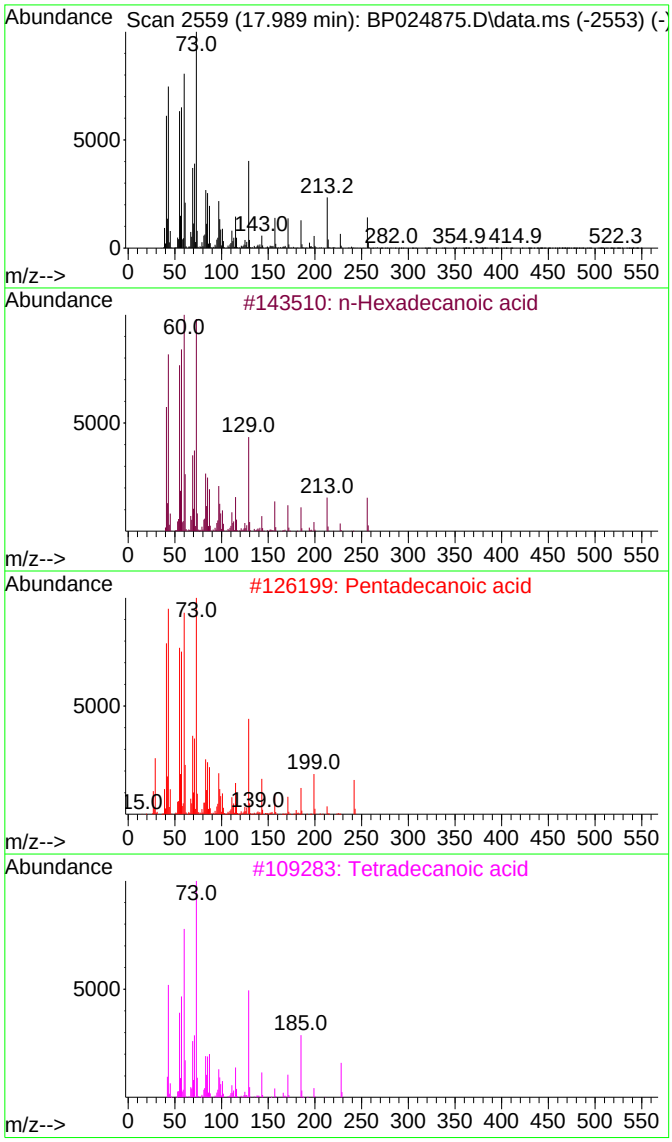
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

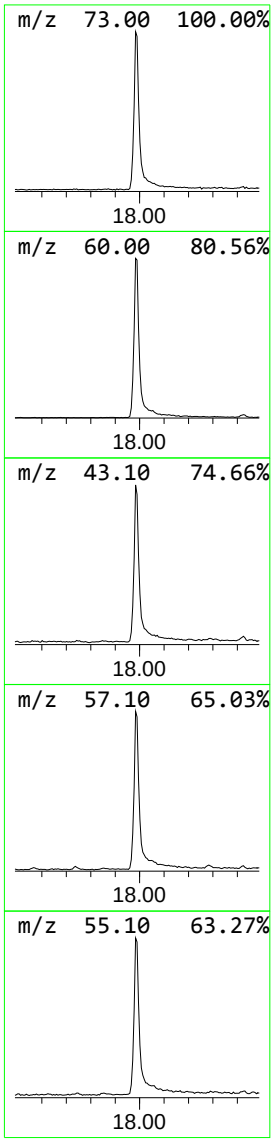
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.989	9.21 ng	1709530	Phenanthrene-d10	17.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

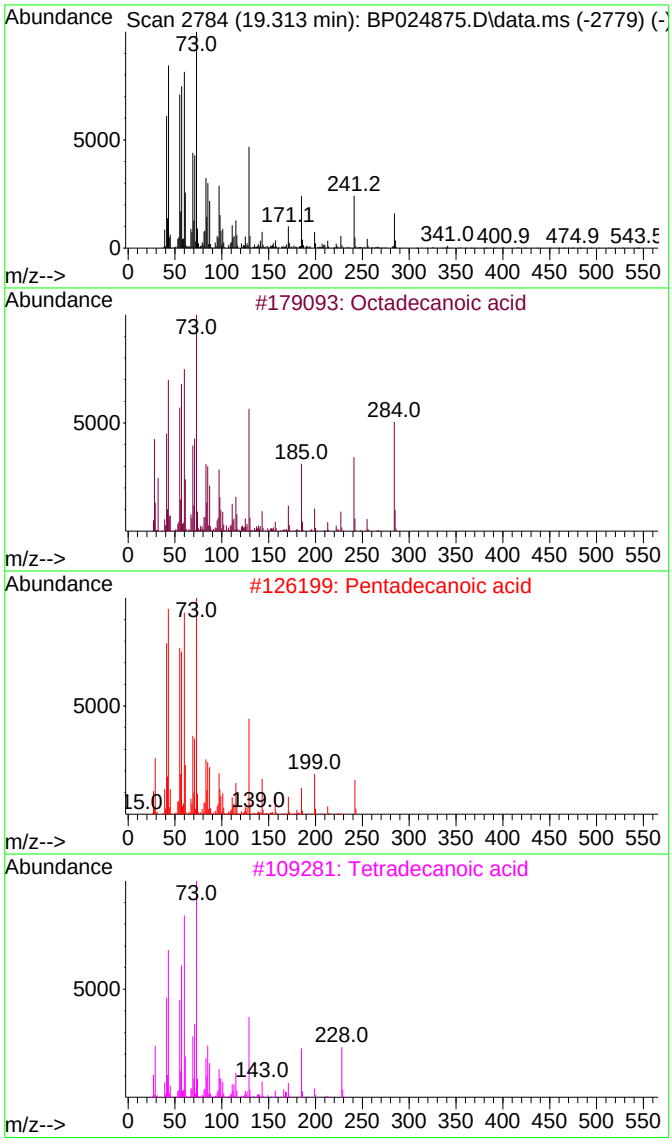
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

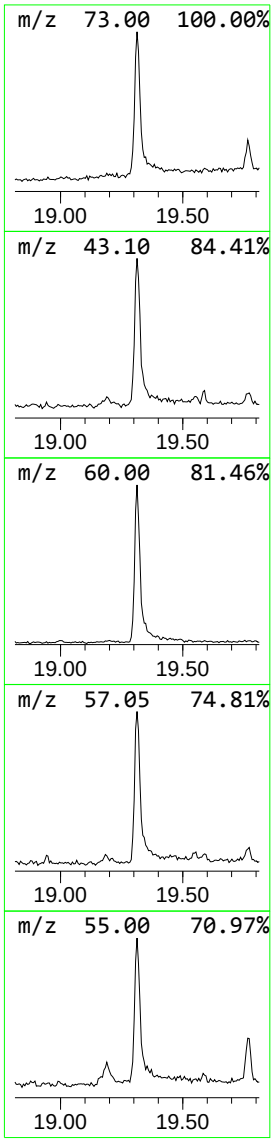
****

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.313	2.77 ng	689588	Chrysene-d12	21.466

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

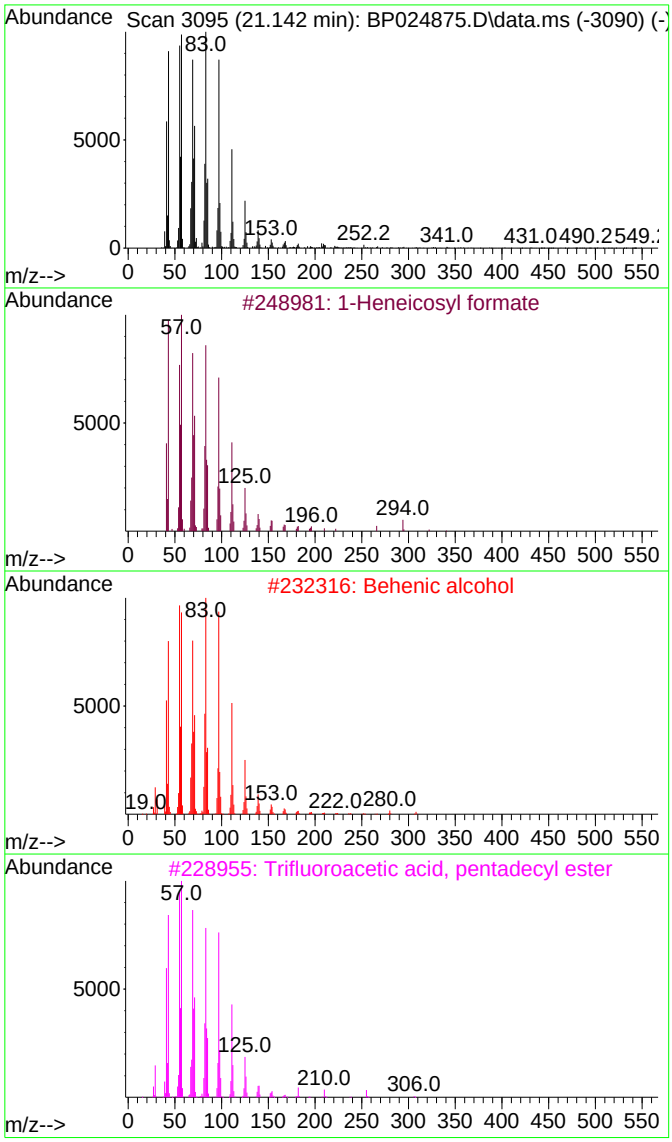
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

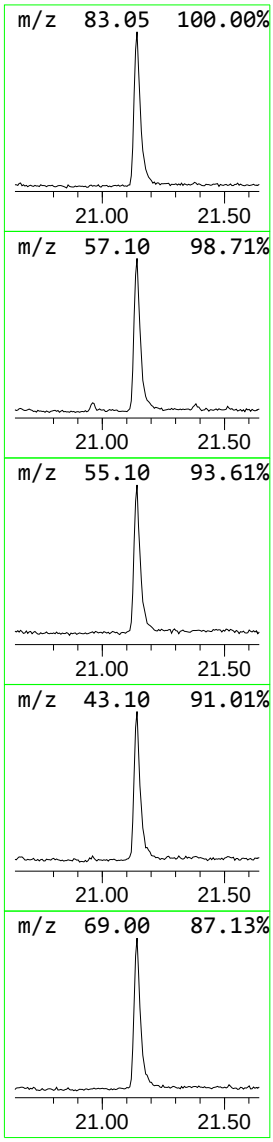
****

Peak Number 5 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.142	4.24 ng	1054690	Chrysene-d12	21.466

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024875.D
Acq On : 09 Jun 2025 13:31
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P01W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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
2-Pentanone, 4-...	4.772	5.3	ng	471128	1	7.608	1761870	20.0
Benzophenone	15.637	3.7	ng	590872	3	14.248	3156300	20.0
n-Hexadecanoic ...	17.989	9.2	ng	1709530	4	17.048	3711480	20.0
Octadecanoic acid	19.313	2.8	ng	689588	5	21.466	4975490	20.0
1-Heneicosyl fo...	21.142	4.2	ng	1054690	5	21.466	4975490	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Time: Jun 09 12:31:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

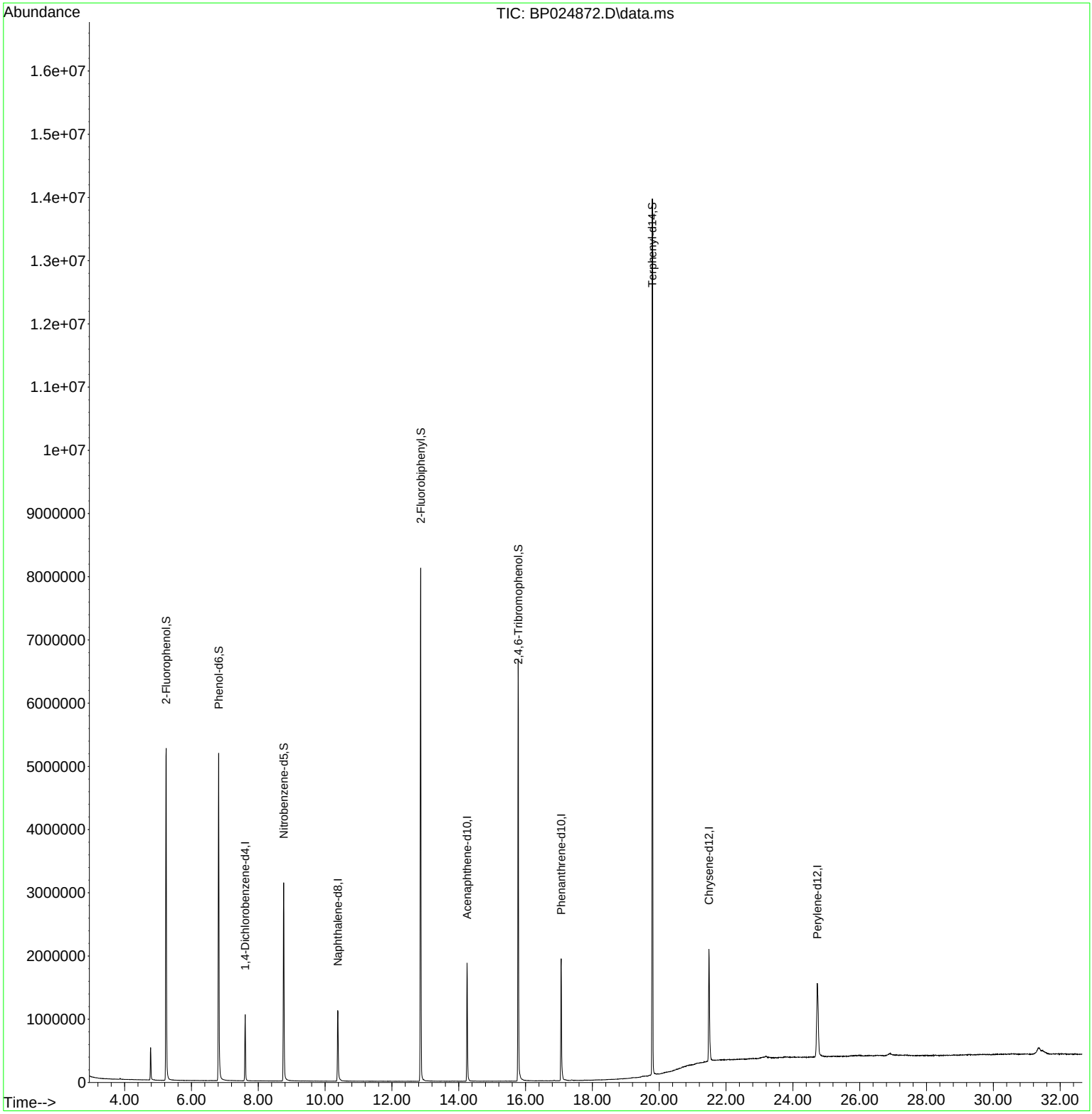
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	278652	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1083873	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	655689	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1268484	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1277128	20.000	ng	0.00
86) Perylene-d12	24.730	264	1472674	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2436717	145.966	ng	0.00
7) Phenol-d6	6.814	99	3036491	137.475	ng	0.00
23) Nitrobenzene-d5	8.760	82	1900527	85.206	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1295397	142.897	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4102972	84.296	ng	0.00
79) Terphenyl-d14	19.795	244	6423595	90.145	ng	0.00
Target Compounds						Qvalue

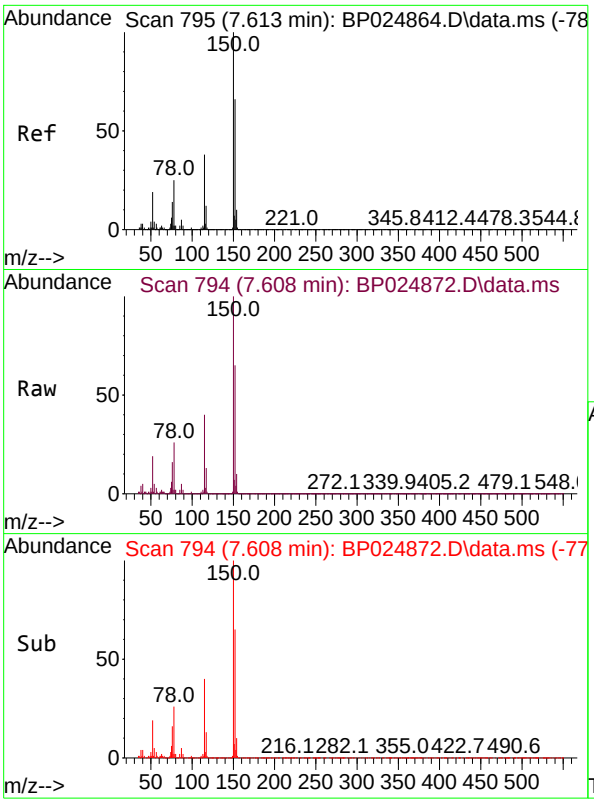
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Time: Jun 09 12:31:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



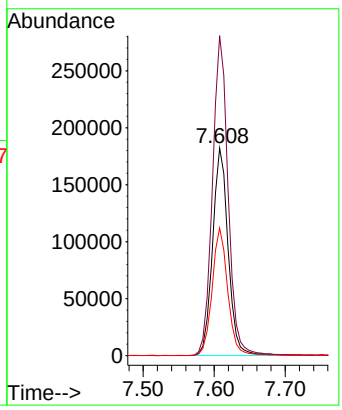


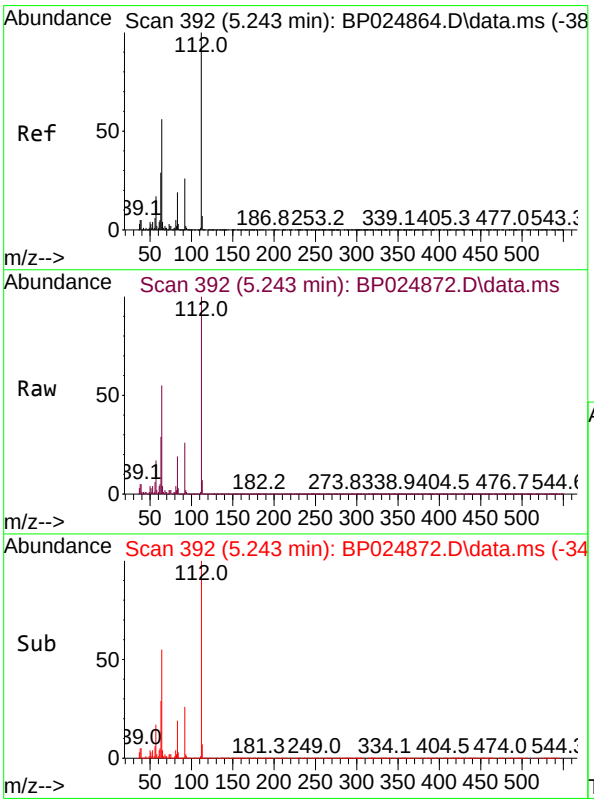
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Tgt Ion:152 Resp: 278652

Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.1	183.1
115	61.5	46.4	69.6

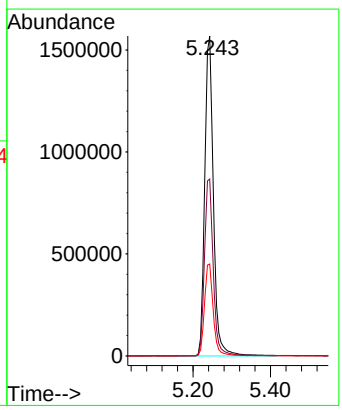


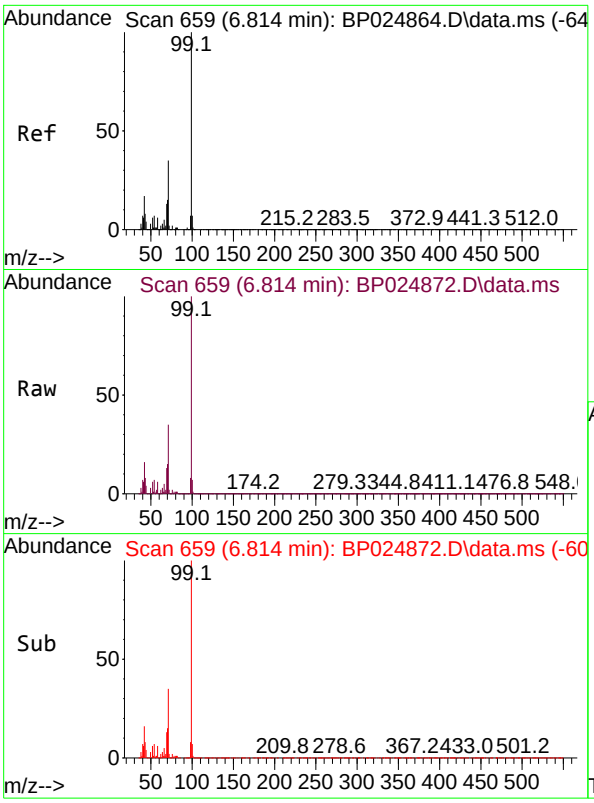


#5
2-Fluorophenol
Concen: 145.966 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:112 Resp: 2436717

Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.7	67.1
63	28.7	23.5	35.3



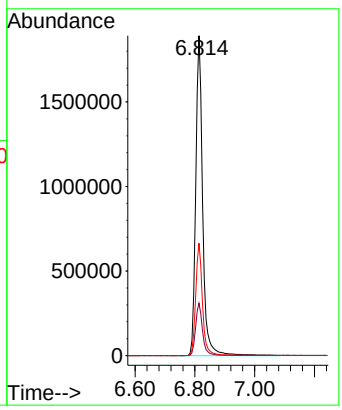


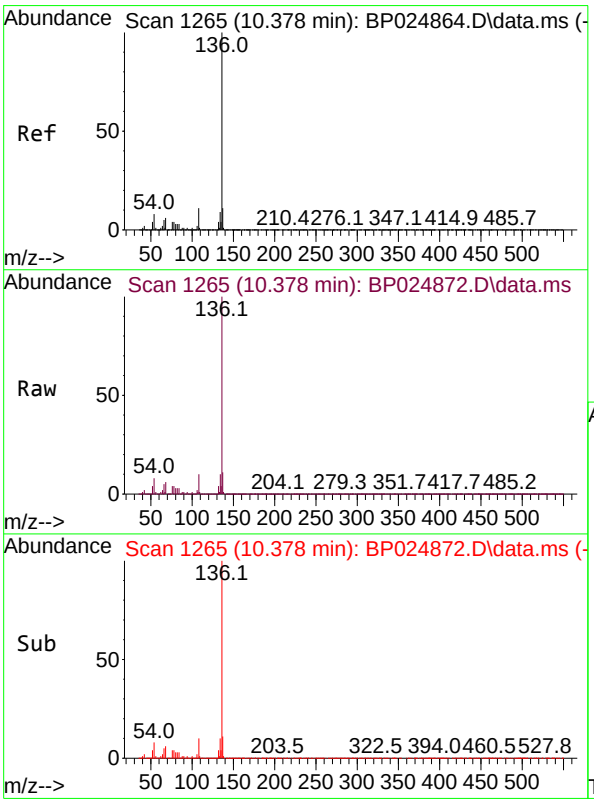
#7
Phenol-d6
Concen: 137.475 ng
RT: 6.814 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Tgt Ion: 99 Resp: 3036491

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.2
71	35.1	27.6	41.4

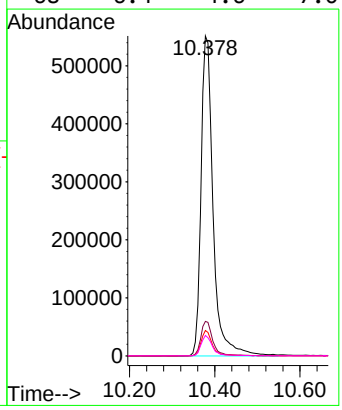


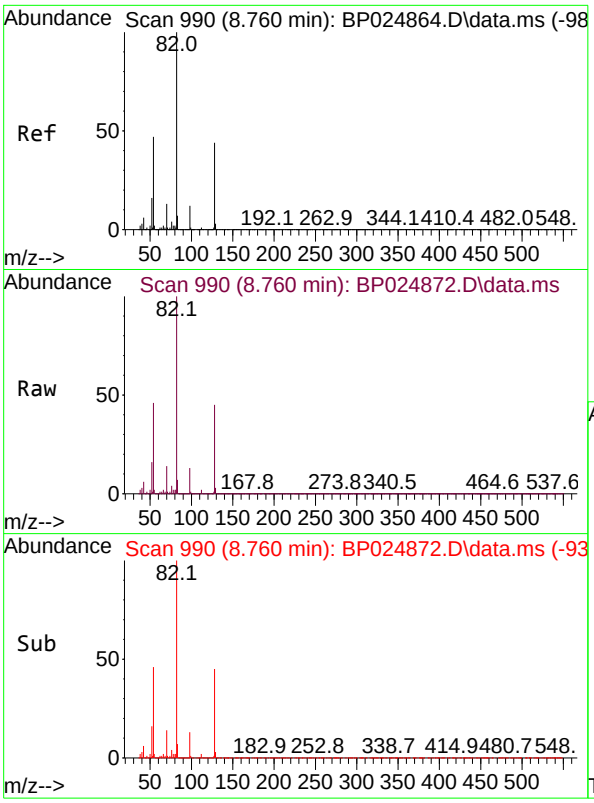


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:136 Resp: 1083873

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	6.1	9.1
68	6.4	4.6	7.0



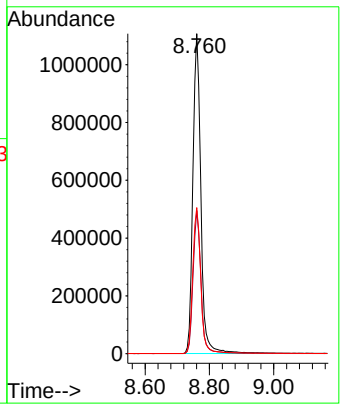


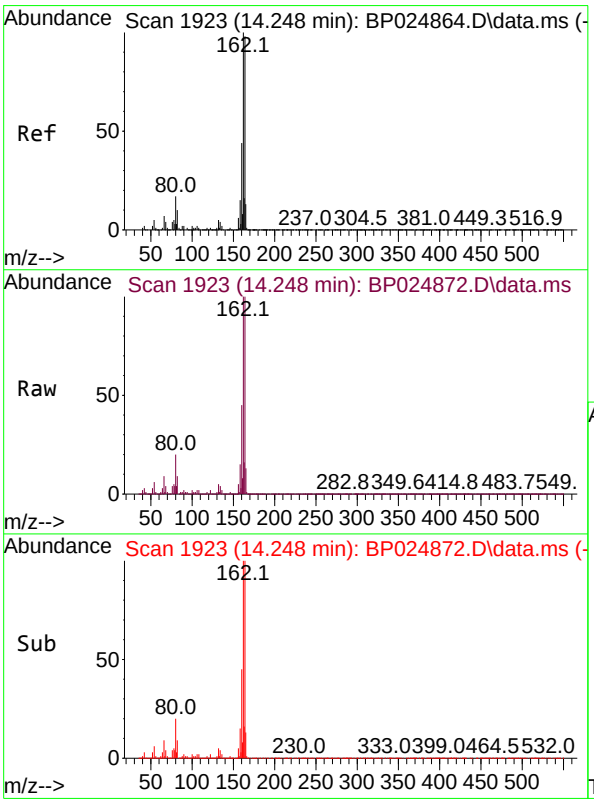
#23
Nitrobenzene-d5
Concen: 85.206 ng
RT: 8.760 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Tgt Ion: 82 Resp: 1900527

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.3	52.9
54	45.6	37.4	56.0

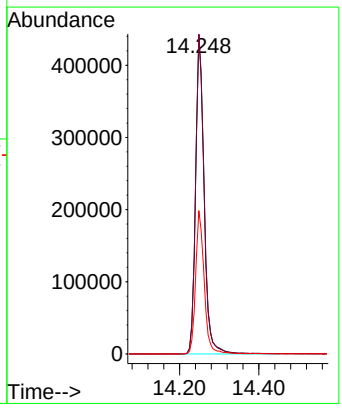


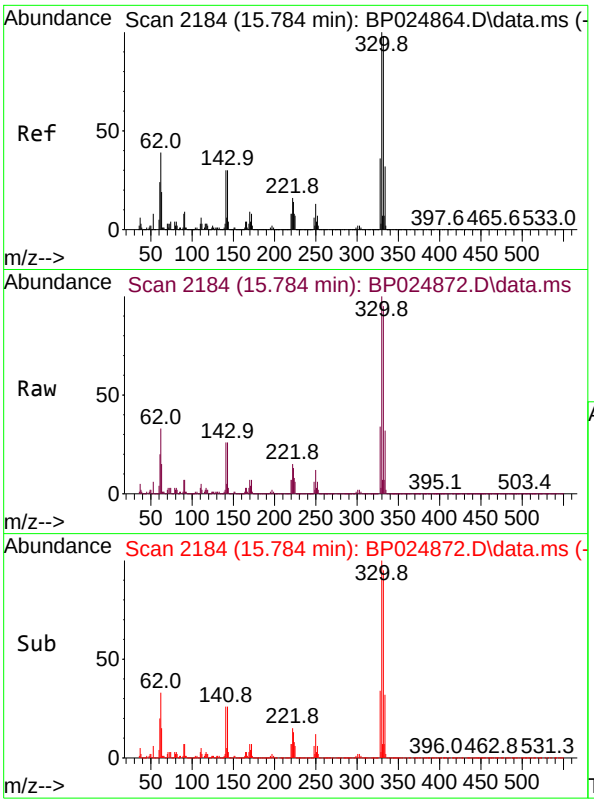


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:164 Resp: 655689

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.6	122.4
160	44.9	36.2	54.2



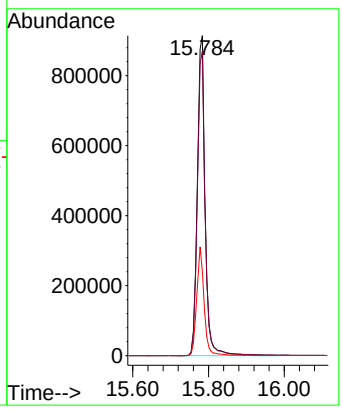


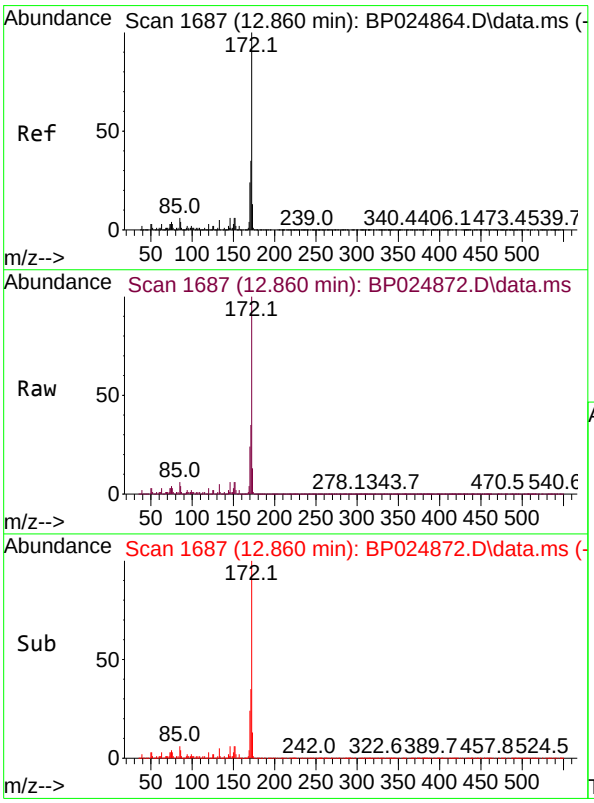
#42
2,4,6-Tribromophenol
Concen: 142.897 ng
RT: 15.784 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Tgt Ion:330 Resp: 1295397

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.7	116.5
141	32.3	26.4	39.6

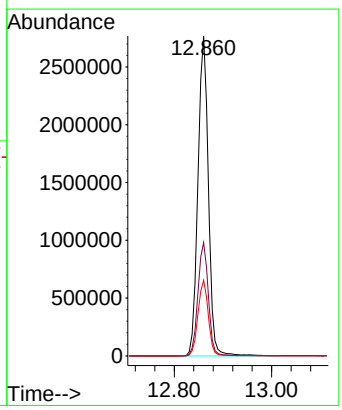


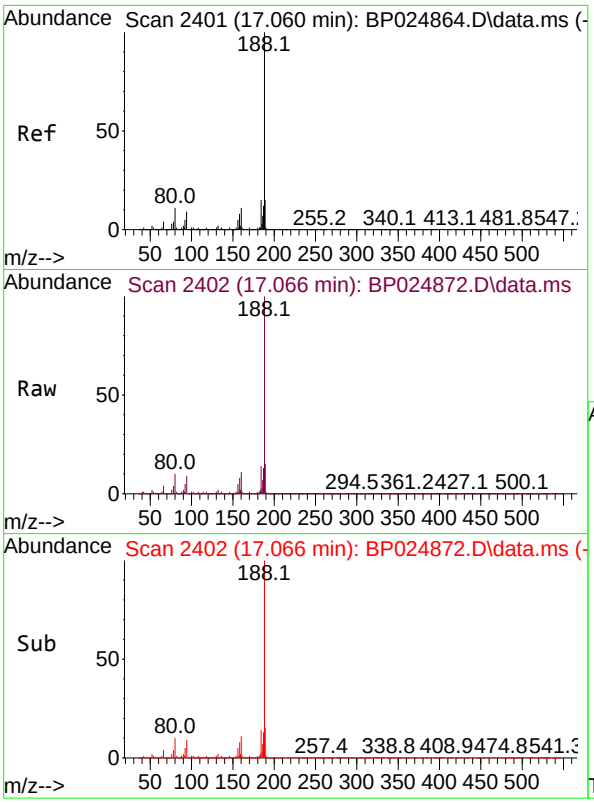


#45
2-Fluorobiphenyl
Concen: 84.296 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:172 Resp: 4102972

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.6	19.0	28.4



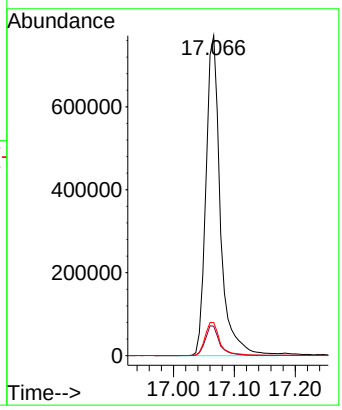


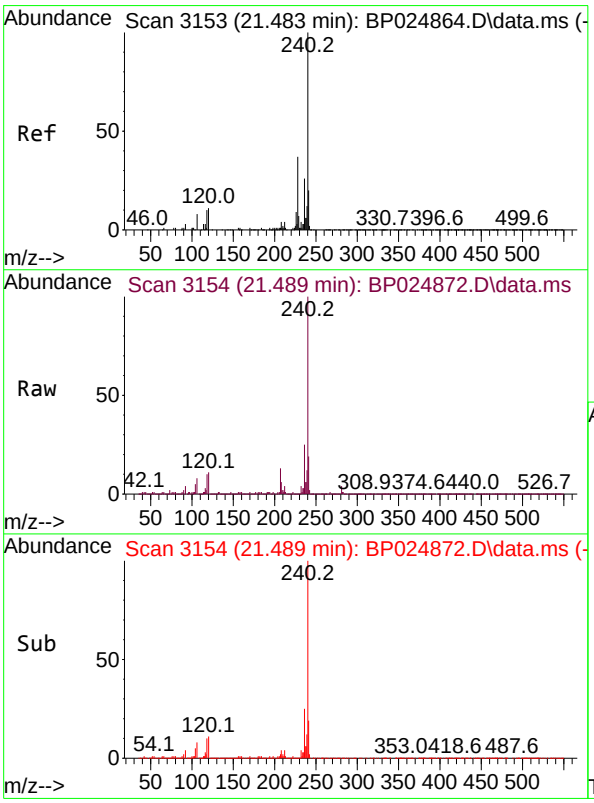
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Tgt Ion:188 Resp: 1268484

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.3	10.9
80	10.3	8.5	12.7

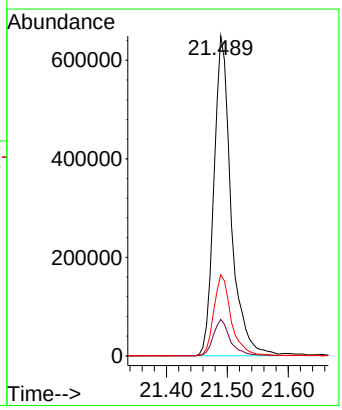


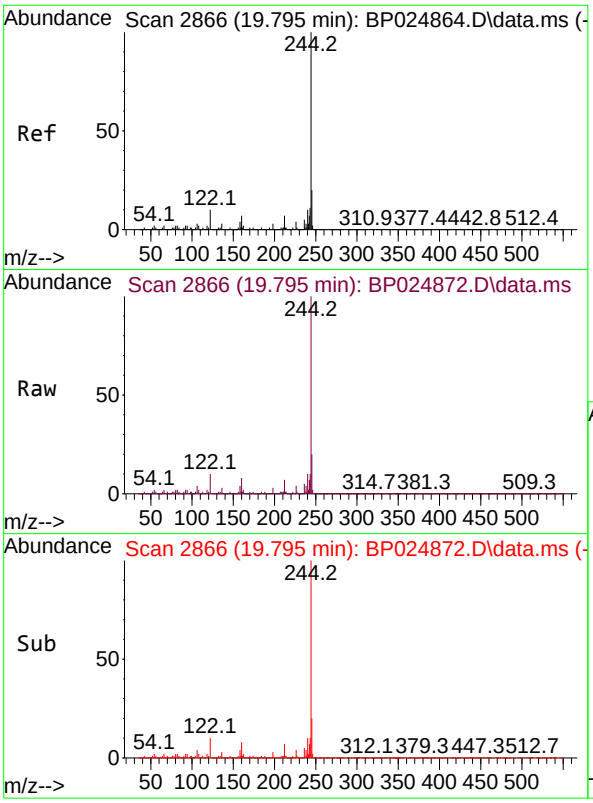


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:240 Resp: 1277128

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.3	20.9	31.3



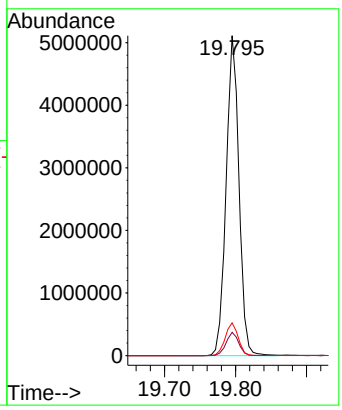


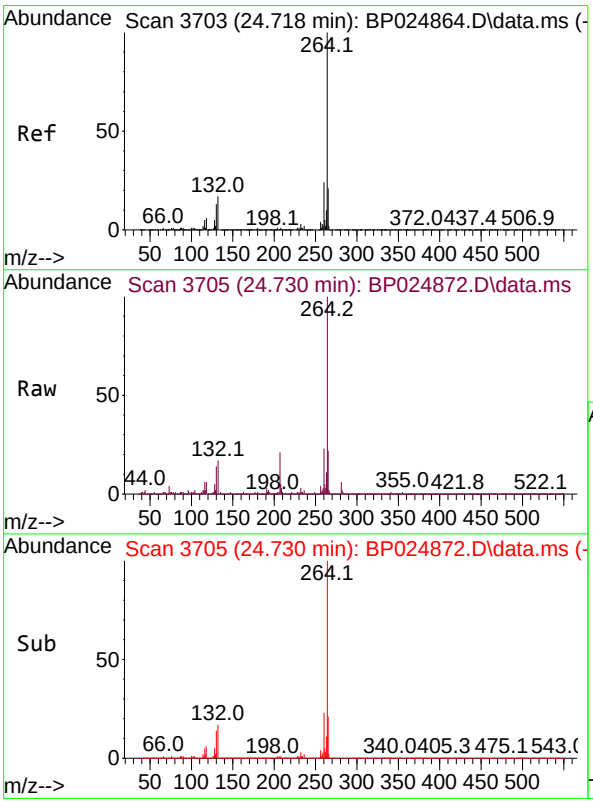
#79
Terphenyl-d14
Concen: 90.145 ng
RT: 19.795 min Scan# 28
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Tgt Ion:244 Resp: 6423595

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	10.2	7.7	11.5

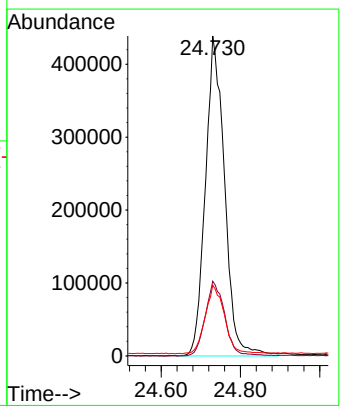




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.730 min Scan# 3705
Delta R.T. 0.012 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:264 Resp: 1472674

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	22.1	17.4	26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

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_P\Methods\8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024872.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.778	308	313	326	rBV	510577	718345	4.10%	0.915%
2	5.243	385	392	419	rBV	5252634	8227174	46.92%	10.484%
3	6.814	652	659	680	rBV	5181034	8289401	47.27%	10.563%
4	7.608	787	794	814	rBV	1050014	1608526	9.17%	2.050%
5	8.760	980	990	1017	rBV	3138266	5402410	30.81%	6.884%
6	10.378	1258	1265	1287	rBV	1117329	2188080	12.48%	2.788%
7	12.860	1680	1687	1700	rBV	8116404	11956272	68.18%	15.236%
8	14.248	1915	1923	1940	rBV	1870333	2816175	16.06%	3.589%
9	15.778	2175	2183	2203	rBV	6677976	9467932	53.99%	12.065%
10	17.066	2395	2402	2418	rBV2	1929882	3204288	18.27%	4.083%
11	19.795	2859	2866	2877	rBV	13858273	17536338	100.00%	22.347%
12	21.489	3148	3154	3165	rBV2	1767894	3429892	19.56%	4.371%
13	24.730	3697	3705	3722	rVB	1140049	3628218	20.69%	4.624%

Sum of corrected areas: 78473051

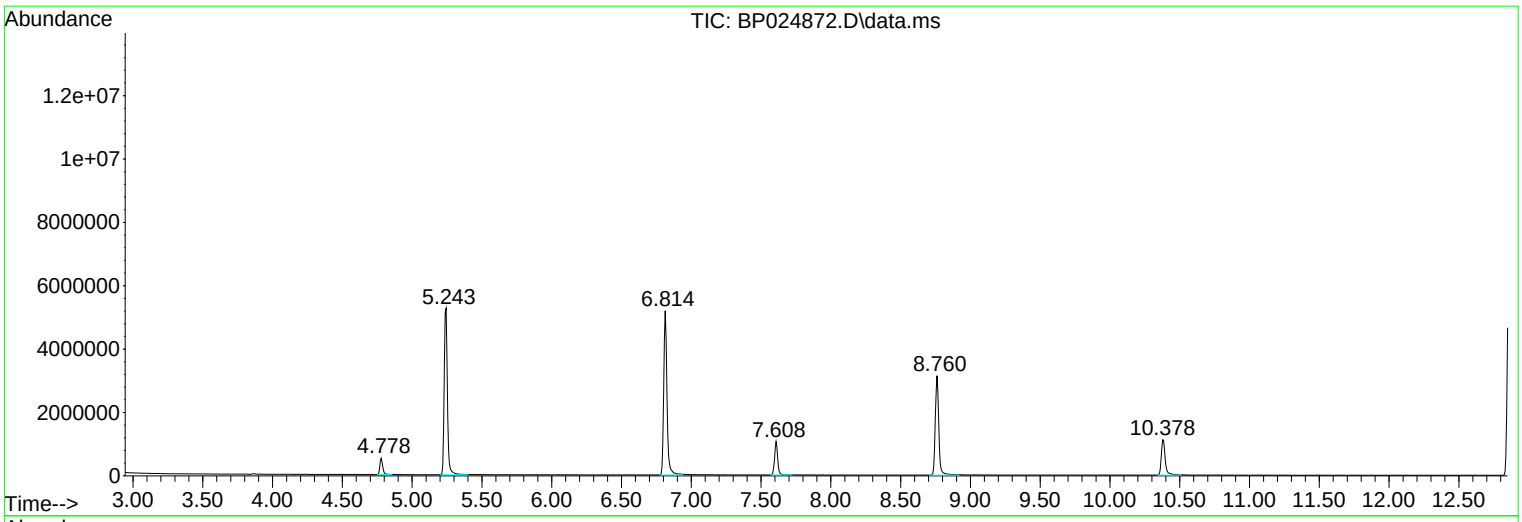
Sample Results: **BP024872.D**

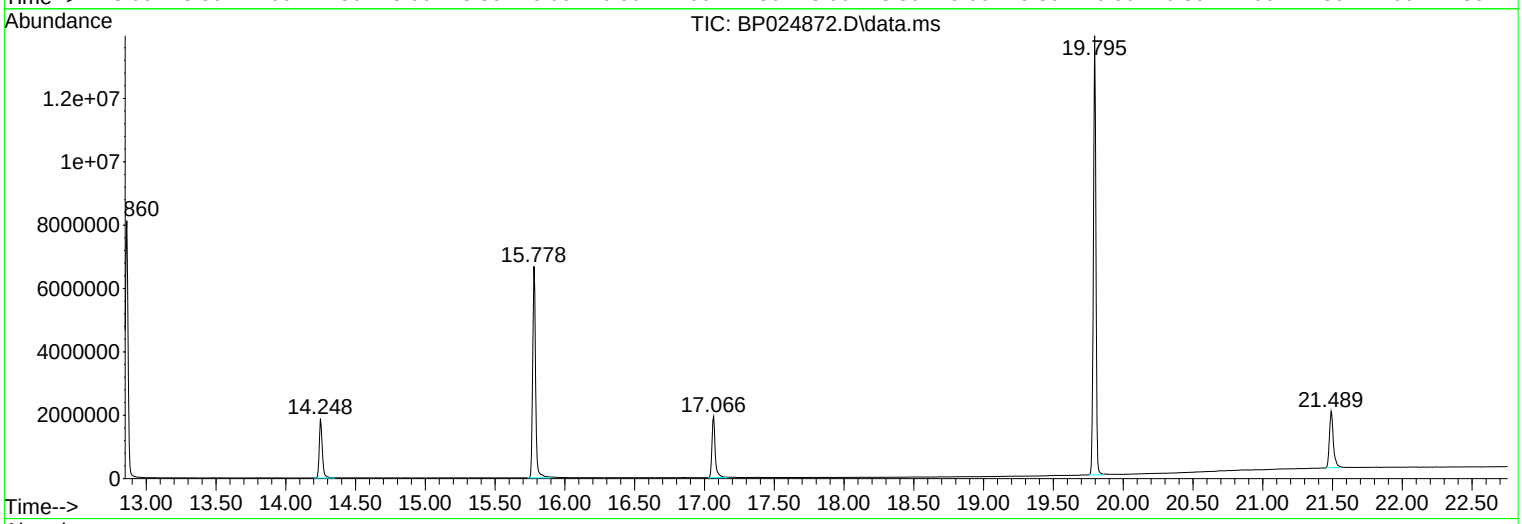
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

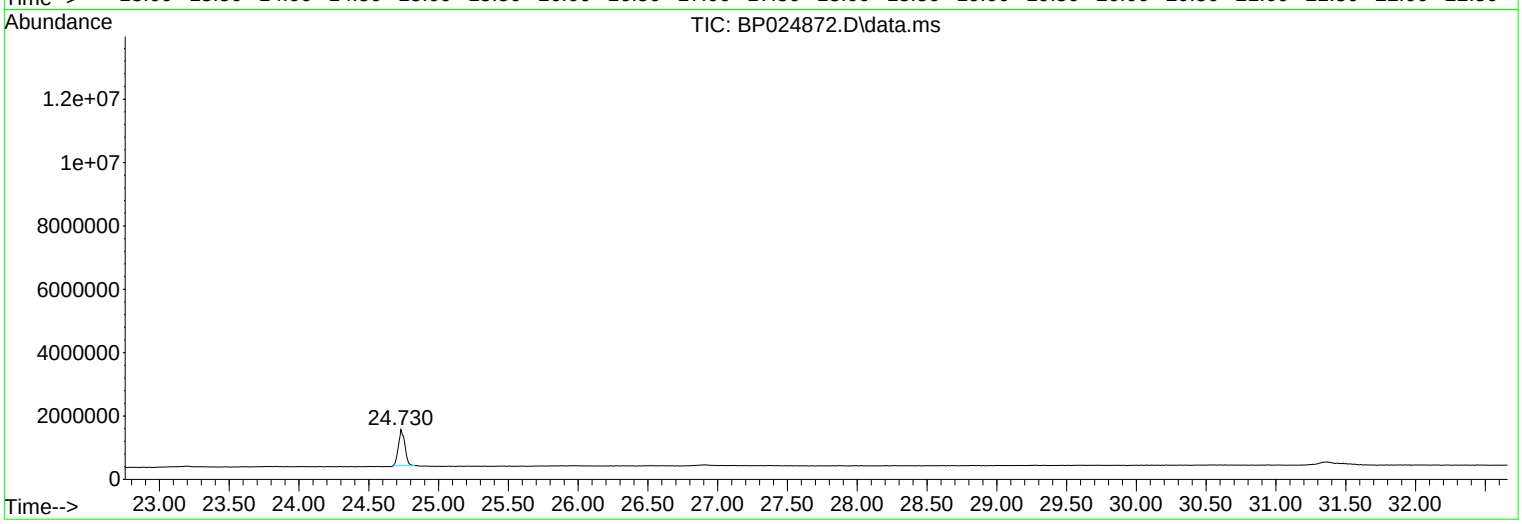
Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

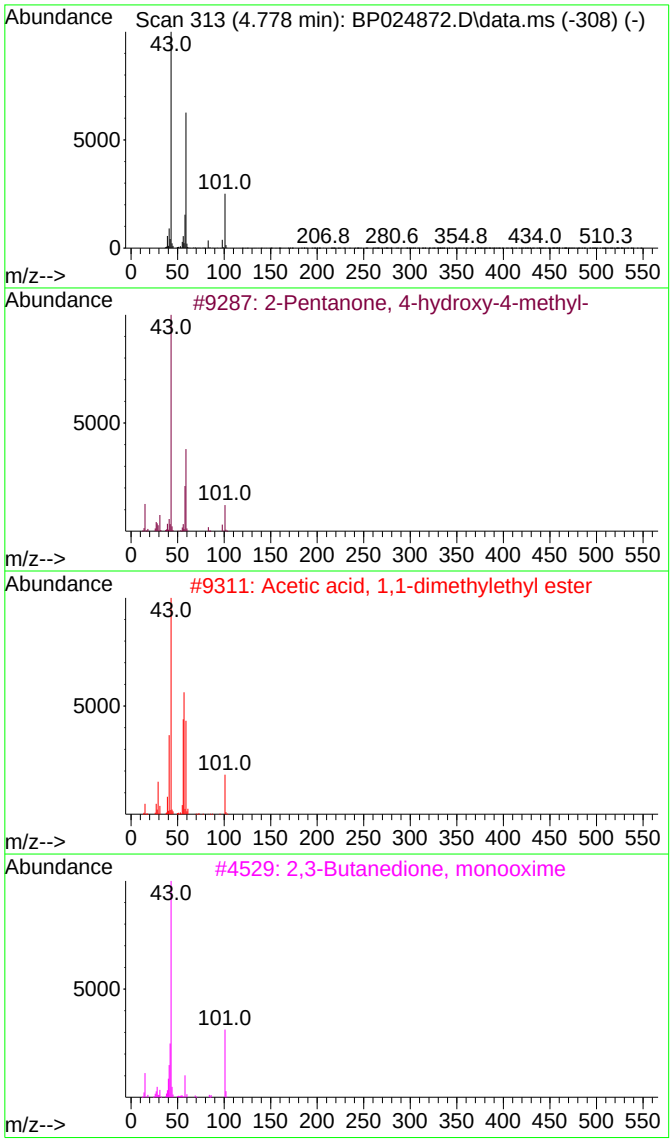
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

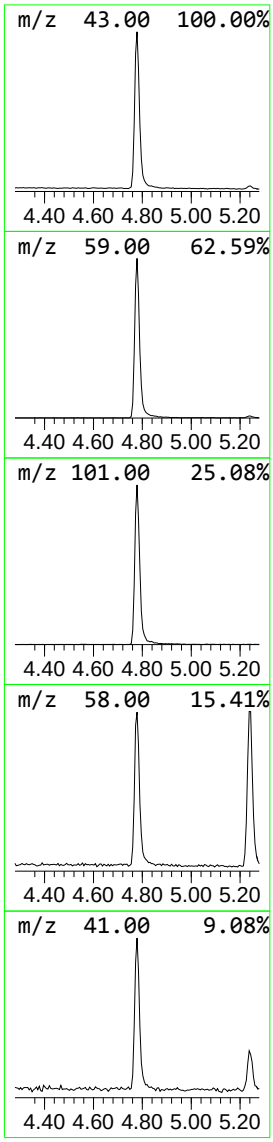
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.778	8.93 ng	718345	1,4-Dichlorobenzene-d4	7.608

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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
2-Pentanone, 4-...	4.778	8.9	ng	718345	1	7.608	1608530	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024873.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168323BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BS

Quant Time: Jun 09 12:32:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	251786	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1016039	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	628283	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1189376	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1268867	20.000	ng	0.00
86) Perylene-d12	24.724	264	1547954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2150315	142.554	ng	0.00
7) Phenol-d6	6.819	99	2717026	136.137	ng	0.00
23) Nitrobenzene-d5	8.760	82	1661117	79.445	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1140597	131.309	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3633814	77.914	ng	0.00
79) Terphenyl-d14	19.777	244	5609281	79.230	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	239942	36.151	ng	97
3) Pyridine	3.567	79	632702	39.638	ng	99
4) n-Nitrosodimethylamine	3.478	42	294319	45.102	ng	100
6) Aniline	6.955	93	816918	32.074	ng	100
8) 2-Chlorophenol	7.190	128	832660	48.694	ng	98
9) Benzaldehyde	6.766	77	414614	36.042	ng	98
10) Phenol	6.843	94	1008585	49.021	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	726397	44.889	ng	97
12) 1,3-Dichlorobenzene	7.502	146	833695	43.703	ng	99
13) 1,4-Dichlorobenzene	7.649	146	840877	43.687	ng	99
14) 1,2-Dichlorobenzene	7.955	146	821435	43.460	ng	99
15) Benzyl Alcohol	7.860	79	691313	45.133	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.131	45	912010	43.060	ng	100
17) 2-Methylphenol	8.072	107	681305	47.420	ng	99
18) Hexachloroethane	8.666	117	317537	43.819	ng	97
19) n-Nitroso-di-n-propyla...	8.413	70	568500	41.901	ng	99
20) 3+4-Methylphenols	8.396	107	915040	46.681	ng	96
22) Acetophenone	8.431	105	1160850	45.221	ng	98
24) Nitrobenzene	8.802	77	859288	46.259	ng	100
25) Isophorone	9.325	82	1564267	43.167	ng	100
26) 2-Nitrophenol	9.507	139	433908	47.343	ng	100
27) 2,4-Dimethylphenol	9.578	122	754390	48.094	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	977653	45.227	ng	99
29) 2,4-Dichlorophenol	10.054	162	741425	49.263	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	756797	44.582	ng	100
31) Naphthalene	10.431	128	2358732	45.301	ng	99
32) Benzoic acid	9.766	122	501882	47.349	ng	99
33) 4-Chloroaniline	10.554	127	443141	20.314	ng	99
34) Hexachlorobutadiene	10.707	225	459112	44.873	ng	99
35) Caprolactam	11.349	113	252952	45.658	ng	92
36) 4-Chloro-3-methylphenol	11.696	107	820968	47.292	ng	100
37) 2-Methylnaphthalene	12.048	142	1487861	45.048	ng	99
38) 1-Methylnaphthalene	12.266	142	1560851	44.203	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	822077	46.112	ng	99
41) Hexachlorocyclopentadiene	12.390	237	1097762	100.954	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	577250	48.214	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024873.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168323BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BS

Quant Time: Jun 09 12:32:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

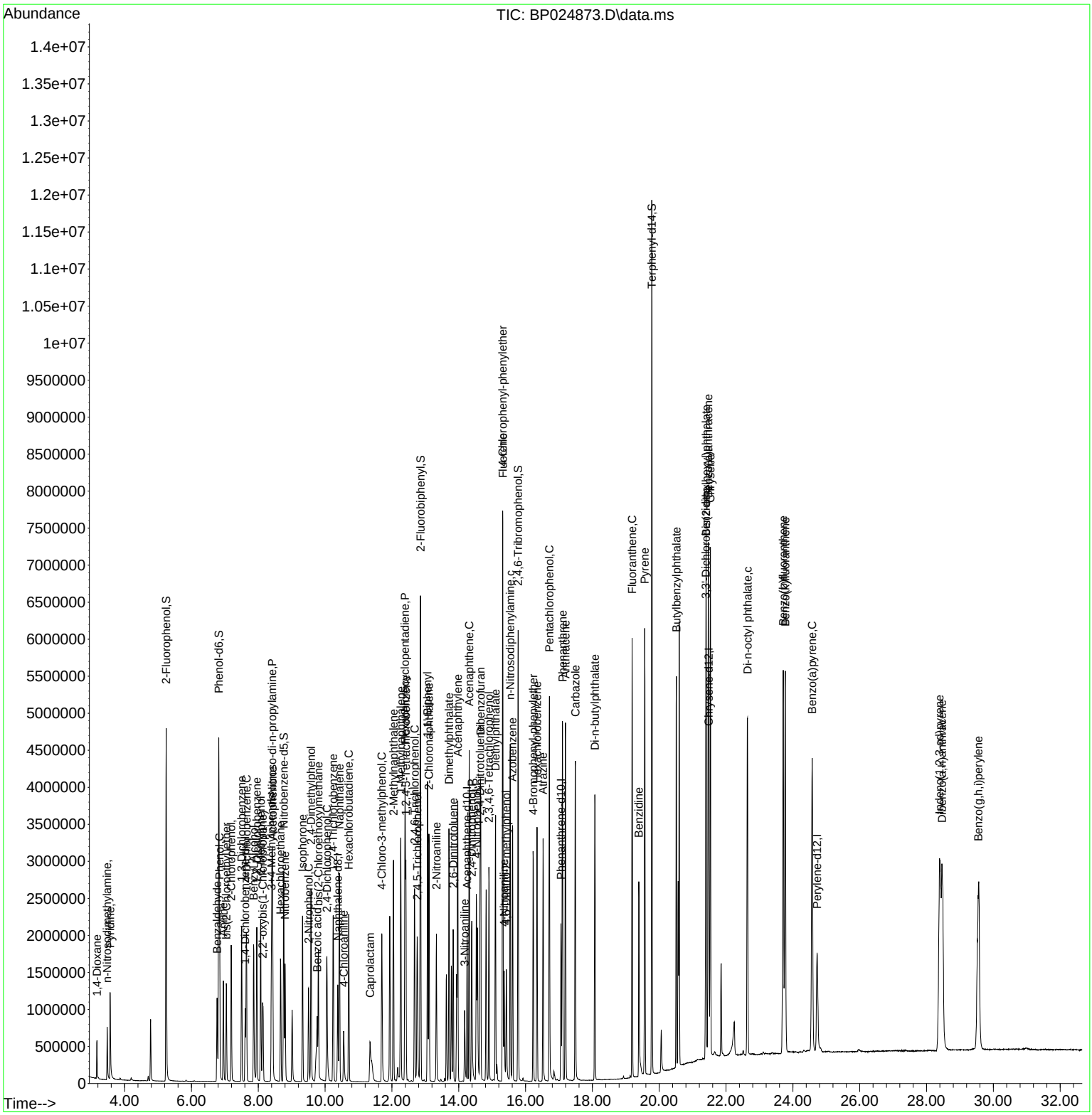
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	635990	49.602	ng		98
46) 1,1'-Biphenyl	13.066	154	2093200	45.844	ng		100
47) 2-Chloronaphthalene	13.107	162	1620819	46.187	ng		99
48) 2-Nitroaniline	13.331	65	521042	48.295	ng		99
49) Acenaphthylene	13.972	152	2661012	45.478	ng		100
50) Dimethylphthalate	13.707	163	2077480	44.824	ng		100
51) 2,6-Dinitrotoluene	13.837	165	461134	46.153	ng		100
52) Acenaphthene	14.313	154	1516438	45.227	ng		99
53) 3-Nitroaniline	14.178	138	268082	25.855	ng		92
54) 2,4-Dinitrophenol	14.390	184	594890	90.641	ng		98
55) Dibenzofuran	14.654	168	2381540	44.250	ng		97
56) 4-Nitrophenol	14.531	139	809101	91.350	ng		97
57) 2,4-Dinitrotoluene	14.637	165	656655	46.983	ng		97
58) Fluorene	15.319	166	1942620	44.681	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	537424	46.912	ng		100
60) Diethylphthalate	15.101	149	2045901	44.293	ng		99
61) 4-Chlorophenyl-phenyle...	15.313	204	938236	44.135	ng		99
62) 4-Nitroaniline	15.360	138	424134	45.113	ng		98
63) Azobenzene	15.607	77	1915956	45.227	ng		99
65) 4,6-Dinitro-2-methylph...	15.425	198	378653	48.450	ng		94
66) n-Nitrosodiphenylamine	15.542	169	1726506	46.833	ng		99
67) 4-Bromophenyl-phenylether	16.231	248	614107	45.760	ng		98
68) Hexachlorobenzene	16.342	284	742281	45.626	ng		100
69) Atrazine	16.525	200	624545	46.732	ng		99
70) Pentachlorophenol	16.713	266	905521	107.544	ng		99
71) Phenanthrene	17.107	178	3008256	45.769	ng		99
72) Anthracene	17.195	178	3062015	46.000	ng		100
73) Carbazole	17.489	167	2922226	47.362	ng		99
74) Di-n-butylphthalate	18.072	149	3522628	46.080	ng		100
75) Fluoranthene	19.189	202	3495628	45.886	ng		100
77) Benzidine	19.389	184	1601949	40.763	ng		100
78) Pyrene	19.566	202	3666214	46.249	ng		100
80) Butylbenzylphthalate	20.513	149	1686399	46.444	ng		98
81) Benzo(a)anthracene	21.472	228	3780920	46.589	ng		99
82) 3,3'-Dichlorobenzidine	21.395	252	850267	26.391	ng		97
83) Chrysene	21.530	228	3570095	46.428	ng		100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2473280	47.541	ng		99
85) Di-n-octyl phthalate	22.642	149	4412263	48.117	ng		100
87) Indeno(1,2,3-cd)pyrene	28.389	276	5348458	47.356	ng	#	93
88) Benzo(b)fluoranthene	23.713	252	4190360	47.301	ng		100
89) Benzo(k)fluoranthene	23.771	252	4281583	47.480	ng		100
90) Benzo(a)pyrene	24.577	252	4126678	47.699	ng		100
91) Dibenzo(a,h)anthracene	28.465	278	4377382	47.615	ng		99
92) Benzo(g,h,i)perylene	29.553	276	4343110	47.614	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024873.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168323BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BS

Quant Time: Jun 09 12:32:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024879.D
Acq On : 09 Jun 2025 16:14
Operator : RC/JU
Sample : Q2230-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 09 16:37:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	226271	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	937705	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	608220	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	1235201	20.000	ng	-0.02
76) Chrysene-d12	21.471	240	1490396	20.000	ng	-0.01
86) Perylene-d12	24.713	264	1839742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1074133	79.239	ng	0.00
7) Phenol-d6	6.813	99	910001	50.737	ng	0.00
23) Nitrobenzene-d5	8.755	82	1746878	90.525	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1358561	161.561	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	3865377	85.613	ng	0.00
79) Terphenyl-d14	19.772	244	6686167	80.403	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	103583	17.366	ng	98
3) Pyridine	3.567	79	219668	15.314	ng	99
4) n-Nitrosodimethylamine	3.472	42	133962	22.843	ng	# 97
6) Aniline	6.949	93	639123	27.923	ng	99
8) 2-Chlorophenol	7.184	128	670519	43.633	ng	99
9) Benzaldehyde	6.761	77	392669	37.983	ng	# 78
10) Phenol	6.837	94	339071	18.338	ng	97
11) bis(2-Chloroethyl)ether	7.043	93	715637	49.210	ng	99
12) 1,3-Dichlorobenzene	7.496	146	416765	24.311	ng	97
13) 1,4-Dichlorobenzene	7.643	146	432880	25.026	ng	99
14) 1,2-Dichlorobenzene	7.949	146	451268	26.568	ng	99
15) Benzyl Alcohol	7.855	79	501705	36.448	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.119	45	819608	43.061	ng	100
17) 2-Methylphenol	8.066	107	478615	37.069	ng	99
18) Hexachloroethane	8.666	117	155606m	23.894	ng	
19) n-Nitroso-di-n-propyla...	8.407	70	589747	48.369	ng	99
20) 3+4-Methylphenols	8.390	107	696463	39.537	ng	96
22) Acetophenone	8.425	105	1270478	53.626	ng	98
24) Nitrobenzene	8.802	77	903653	52.712	ng	100
25) Isophorone	9.319	82	1657547	49.562	ng	100
26) 2-Nitrophenol	9.502	139	428106	50.612	ng	100
27) 2,4-Dimethylphenol	9.572	122	669434	46.243	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	999092	50.080	ng	100
29) 2,4-Dichlorophenol	10.049	162	707035	50.902	ng	98
30) 1,2,4-Trichlorobenzene	10.243	180	516309	32.956	ng	98
31) Naphthalene	10.419	128	1968432	40.963	ng	99
32) Benzoic acid	9.731	122	287683	29.408	ng	97
33) 4-Chloroaniline	10.549	127	606221	30.111	ng	100
34) Hexachlorobutadiene	10.701	225	262066	27.754	ng	99
35) Caprolactam	11.384	113	57413	11.229	ng	91
36) 4-Chloro-3-methylphenol	11.696	107	778238	48.575	ng	99
37) 2-Methylnaphthalene	12.043	142	1423955	46.715	ng	100
38) 1-Methylnaphthalene	12.260	142	1532980	47.041	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	772203	44.743	ng	100
41) Hexachlorocyclopentadiene	12.390	237	634443	60.270	ng	98
43) 2,4,6-Trichlorophenol	12.672	196	619974	53.491	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024879.D
Acq On : 09 Jun 2025 16:14
Operator : RC/JU
Sample : Q2230-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 09 16:37:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	689722	55.567	ng		99
46) 1,1'-Biphenyl	13.066	154	2130271	48.195	ng		99
47) 2-Chloronaphthalene	13.113	162	1586923	46.713	ng		99
48) 2-Nitroaniline	13.331	65	513858	49.201	ng		98
49) Acenaphthylene	13.966	152	2758277	48.695	ng		100
50) Dimethylphthalate	13.707	163	2326607	51.855	ng		99
51) 2,6-Dinitrotoluene	13.831	165	520460	53.809	ng		98
52) Acenaphthene	14.313	154	1623696	50.024	ng		100
53) 3-Nitroaniline	14.172	138	327021	32.579	ng		97
54) 2,4-Dinitrophenol	14.390	184	631766	98.895	ng		97
55) Dibenzofuran	14.654	168	2632901	50.534	ng		99
56) 4-Nitrophenol	14.531	139	373587	46.400	ng		96
57) 2,4-Dinitrotoluene	14.637	165	781392	57.752	ng		94
58) Fluorene	15.313	166	2173195	51.633	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.895	232	614576	55.416	ng		99
60) Diethylphthalate	15.089	149	2433354	54.419	ng		98
61) 4-Chlorophenyl-phenyle...	15.307	204	1058252	51.423	ng		99
62) 4-Nitroaniline	15.354	138	410751	45.131	ng		92
63) Azobenzene	15.607	77	2201630	53.685	ng		98
65) 4,6-Dinitro-2-methylph...	15.413	198	417305	51.415	ng		98
66) n-Nitrosodiphenylamine	15.537	169	1925767	50.300	ng		100
67) 4-Bromophenyl-phenylether	16.219	248	709283	50.892	ng		99
68) Hexachlorobenzene	16.336	284	866860	51.306	ng		95
69) Atrazine	16.513	200	769920	55.473	ng		99
70) Pentachlorophenol	16.701	266	1182979	135.284	ng		99
71) Phenanthrene	17.089	178	3521952	51.597	ng		99
72) Anthracene	17.183	178	3572743	51.681	ng		100
73) Carbazole	17.466	167	3563378	55.611	ng		99
74) Di-n-butylphthalate	18.048	149	4450239	56.055	ng		100
75) Fluoranthene	19.172	202	4382489	55.394	ng		99
77) Benzidine	19.395	184	20413m	0.442	ng		
78) Pyrene	19.542	202	4596154	49.362	ng		100
80) Butylbenzylphthalate	20.501	149	2325334	54.521	ng		96
81) Benzo(a)anthracene	21.448	228	4992990	52.380	ng		100
82) 3,3'-Dichlorobenzidine	21.377	252	694512	18.352	ng		99
83) Chrysene	21.519	228	4628895	51.249	ng		99
84) Bis(2-ethylhexyl)phtha...	21.383	149	3362786	55.031	ng		99
85) Di-n-octyl phthalate	22.624	149	6039039	56.069	ng		99
87) Indeno(1,2,3-cd)pyrene	28.395	276	7251483	54.022	ng	#	94
88) Benzo(b)fluoranthene	23.695	252	5677984	53.928	ng		99
89) Benzo(k)fluoranthene	23.760	252	5461372	50.958	ng		99
90) Benzo(a)pyrene	24.565	252	5342607	51.959	ng		99
91) Dibenzo(a,h)anthracene	28.465	278	6032384	55.211	ng		100
92) Benzo(g,h,i)perylene	29.536	276	5867002	54.120	ng		99

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

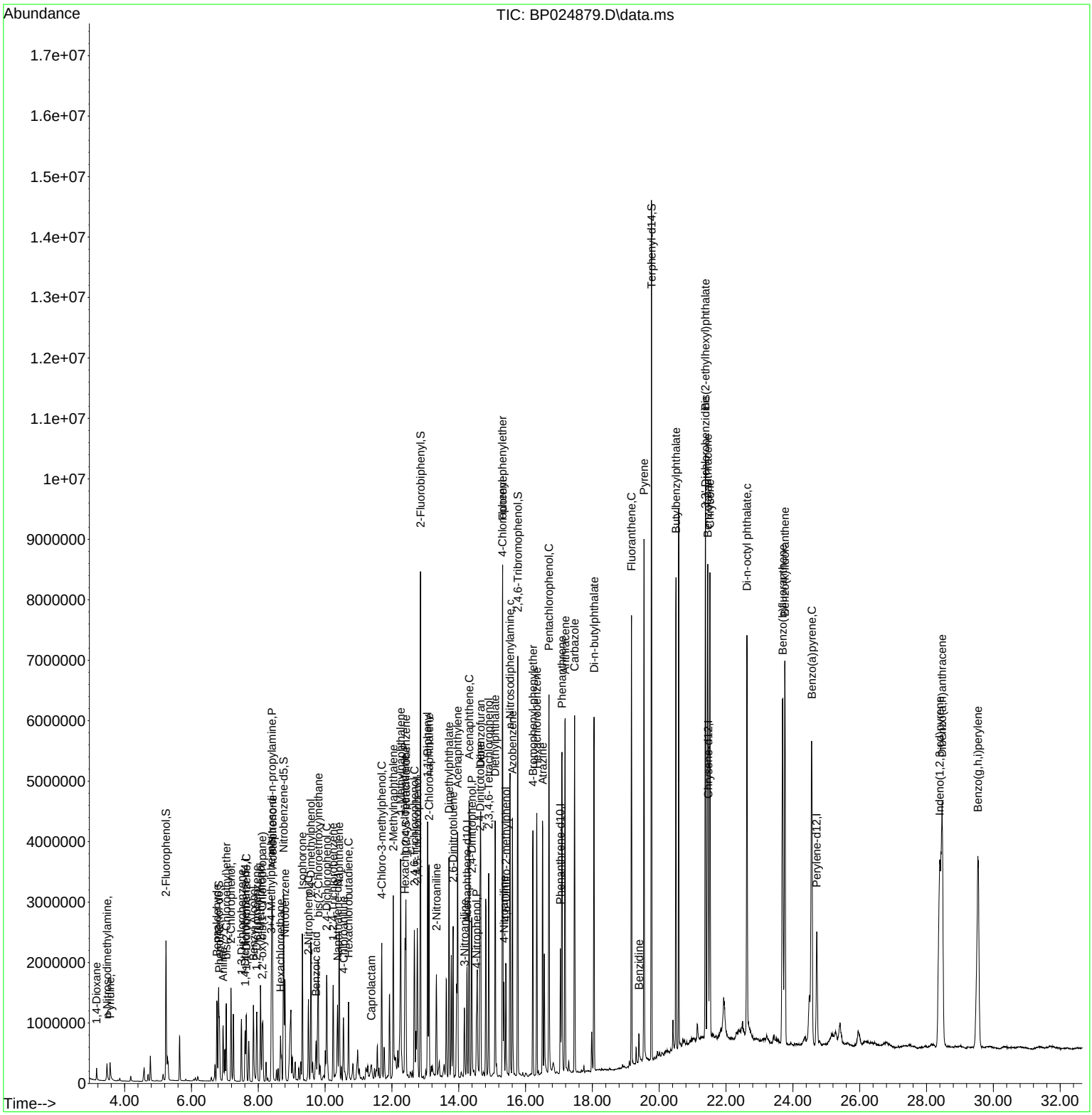
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024879.D
Acq On : 09 Jun 2025 16:14
Operator : RC/JU
Sample : Q2230-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 09 16:37:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024880.D
Acq On : 09 Jun 2025 16:55
Operator : RC/JU
Sample : Q2230-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 09 17:23:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	335961	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1346862	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	841053	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	1657665	20.000	ng	-0.02
76) Chrysene-d12	21.477	240	1681535	20.000	ng	0.00
86) Perylene-d12	24.730	264	1927042	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1493936	74.225	ng	0.00
7) Phenol-d6	6.813	99	1233920	46.335	ng	0.00
23) Nitrobenzene-d5	8.760	82	2438439	87.976	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1844847	158.655	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	5360805	85.864	ng	0.00
79) Terphenyl-d14	19.772	244	8381201	89.330	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	161256	18.208	ng	# 96
3) Pyridine	3.572	79	330125	15.500	ng	98
4) n-Nitrosodimethylamine	3.478	42	190267	21.852	ng	# 97
6) Aniline	6.949	93	870597	25.617	ng	99
8) 2-Chlorophenol	7.190	128	935721	41.010	ng	99
9) Benzaldehyde	6.766	77	560379	36.508	ng	# 76
10) Phenol	6.843	94	466808	17.004	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	1018320	47.162	ng	99
12) 1,3-Dichlorobenzene	7.502	146	608351	23.900	ng	99
13) 1,4-Dichlorobenzene	7.643	146	628703	24.480	ng	100
14) 1,2-Dichlorobenzene	7.955	146	647114	25.659	ng	98
15) Benzyl Alcohol	7.860	79	695705	34.040	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.131	45	1181061	41.791	ng	100
17) 2-Methylphenol	8.072	107	666028	34.742	ng	99
18) Hexachloroethane	8.672	117	226470m	23.422	ng	
19) n-Nitroso-di-n-propyla...	8.413	70	818207	45.196	ng	100
20) 3+4-Methylphenols	8.396	107	946970	36.206	ng	97
22) Acetophenone	8.431	105	1776046	52.192	ng	98
24) Nitrobenzene	8.802	77	1268698	51.524	ng	98
25) Isophorone	9.325	82	2307754	48.041	ng	100
26) 2-Nitrophenol	9.507	139	604321	49.741	ng	99
27) 2,4-Dimethylphenol	9.578	122	915691	44.039	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	1419352	49.533	ng	99
29) 2,4-Dichlorophenol	10.049	162	972262	48.733	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	735365	32.679	ng	98
31) Naphthalene	10.425	128	2733509	39.604	ng	99
32) Benzoic acid	9.749	122	395443	28.143	ng	96
33) 4-Chloroaniline	10.549	127	786095	27.184	ng	99
34) Hexachlorobutadiene	10.707	225	383395	28.269	ng	99
35) Caprolactam	11.401	113	74360	10.125	ng	# 89
36) 4-Chloro-3-methylphenol	11.696	107	1057705	45.963	ng	100
37) 2-Methylnaphthalene	12.043	142	2000223	45.686	ng	100
38) 1-Methylnaphthalene	12.260	142	2147003	45.868	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	1093780	45.831	ng	100
41) Hexachlorocyclopentadiene	12.396	237	967365	66.457	ng	99
43) 2,4,6-Trichlorophenol	12.672	196	851953	53.157	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024880.D
Acq On : 09 Jun 2025 16:55
Operator : RC/JU
Sample : Q2230-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 09 17:23:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	931664	54.280	ng		98
46) 1,1'-Biphenyl	13.072	154	2985178	48.840	ng		98
47) 2-Chloronaphthalene	13.107	162	2227755	47.423	ng		99
48) 2-Nitroaniline	13.331	65	670214	46.407	ng		97
49) Acenaphthylene	13.966	152	3760375	48.008	ng		100
50) Dimethylphthalate	13.719	163	3142438	50.649	ng		100
51) 2,6-Dinitrotoluene	13.831	165	700478	52.372	ng		99
52) Acenaphthene	14.313	154	2223943	49.549	ng		99
53) 3-Nitroaniline	14.172	138	423824	30.534	ng		100
54) 2,4-Dinitrophenol	14.390	184	881046	99.689	ng		99
55) Dibenzofuran	14.648	168	3562013	49.440	ng		99
56) 4-Nitrophenol	14.525	139	470374	42.732	ng		98
57) 2,4-Dinitrotoluene	14.637	165	1010355	54.002	ng		97
58) Fluorene	15.313	166	2947017	50.635	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.895	232	823770	53.716	ng		99
60) Diethylphthalate	15.095	149	3296154	53.307	ng		99
61) 4-Chlorophenyl-phenyle...	15.307	204	1446499	50.830	ng		99
62) 4-Nitroaniline	15.354	138	523586	41.603	ng		96
63) Azobenzene	15.607	77	2984270	52.624	ng		99
65) 4,6-Dinitro-2-methylph...	15.413	198	573565	52.658	ng		99
66) n-Nitrosodiphenylamine	15.531	169	2570412	50.028	ng		99
67) 4-Bromophenyl-phenylether	16.219	248	997886	53.352	ng		99
68) Hexachlorobenzene	16.337	284	1181954	52.127	ng		96
69) Atrazine	16.513	200	1005027	53.958	ng		99
70) Pentachlorophenol	16.701	266	1568201	133.632	ng		99
71) Phenanthrene	17.089	178	4614297	50.372	ng		99
72) Anthracene	17.184	178	4618867	49.786	ng		99
73) Carbazole	17.472	167	4426692	51.477	ng		99
74) Di-n-butylphthalate	18.048	149	6002825	56.341	ng		100
75) Fluoranthene	19.178	202	5483337	51.645	ng		99
77) Benzidine	19.407	184	15854m	0.304	ng		
78) Pyrene	19.554	202	5611099	53.412	ng		100
80) Butylbenzylphthalate	20.513	149	2857974	59.393	ng		97
81) Benzo(a)anthracene	21.460	228	5574248	51.831	ng		99
82) 3,3'-Dichlorobenzidine	21.389	252	731610	17.135	ng		98
83) Chrysene	21.524	228	5240307	51.424	ng		99
84) Bis(2-ethylhexyl)phtha...	21.395	149	4311017	62.529	ng		99
85) Di-n-octyl phthalate	22.636	149	7409270	60.971	ng		99
87) Indeno(1,2,3-cd)pyrene	28.436	276	7307495	51.973	ng	#	91
88) Benzo(b)fluoranthene	23.713	252	5806971	52.654	ng		99
89) Benzo(k)fluoranthene	23.777	252	5816924	51.816	ng		99
90) Benzo(a)pyrene	24.589	252	5546665	51.500	ng		99
91) Dibenzo(a,h)anthracene	28.477	278	6005498	52.475	ng		99
92) Benzo(g,h,i)perylene	29.559	276	5809887	51.165	ng		99

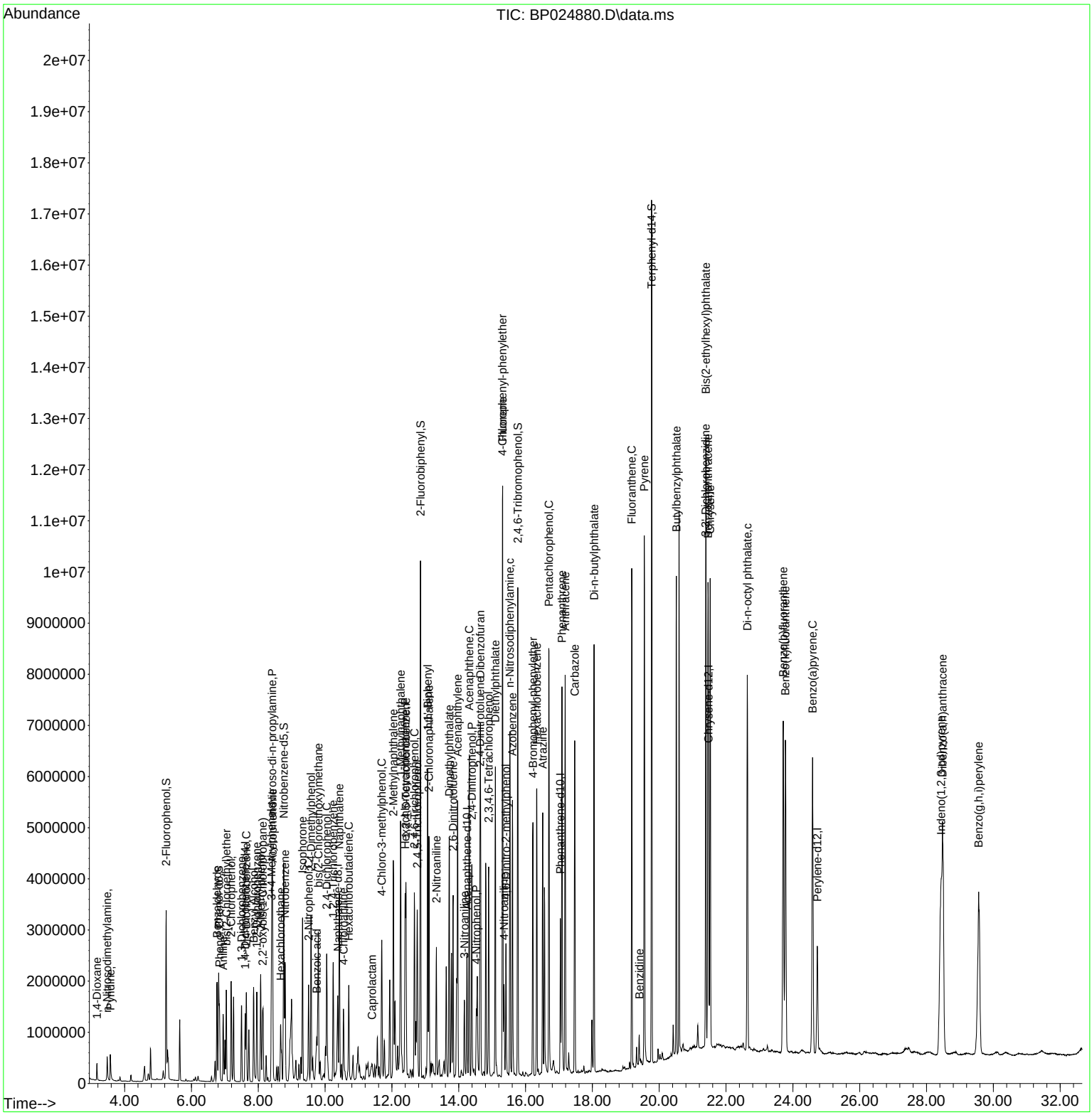
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024880.D
Acq On : 09 Jun 2025 16:55
Operator : RC/JU
Sample : Q2230-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 09 17:23:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



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Manual Integration Report

Sequence:	BP060625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024861.D	2,3,4,6-Tetrachlorophenol	Rahul	6/9/2025 10:51:15 AM	Jagrut	6/9/2025 12:08:47 PM	Peak Integrated by Software
SSTDICC005	BP024861.D	4-Nitroaniline	Rahul	6/9/2025 10:51:15 AM	Jagrut	6/9/2025 12:08:47 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzaldehyde	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzo(b)fluoranthene	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzoic acid	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC020	BP024863.D	Benzaldehyde	Rahul	6/9/2025 10:51:20 AM	Jagrut	6/9/2025 12:08:52 PM	Peak Integrated by Software
SSTDICV040	BP024868.D	Benzaldehyde	Rahul	6/9/2025 10:51:26 AM	Jagrut	6/9/2025 12:08:55 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP060925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024871.D	Benzaldehyde	Rahul	6/10/2025 10:03:10 AM	Jagrut	6/10/2025 11:16:44 AM	Peak Integrated by Software
Q2230-03MS	BP024879.D	Benzidine	Rahul	6/10/2025 10:03:17 AM	Jagrut	6/10/2025 11:16:53 AM	Peak Integrated by Software
Q2230-03MS	BP024879.D	Hexachloroethane	Rahul	6/10/2025 10:03:17 AM	Jagrut	6/10/2025 11:16:53 AM	Peak Integrated by Software
Q2230-04MSD	BP024880.D	Benzidine	Rahul	6/10/2025 10:03:29 AM	Jagrut	6/10/2025 11:16:56 AM	Peak Integrated by Software
Q2230-04MSD	BP024880.D	Hexachloroethane	Rahul	6/10/2025 10:03:29 AM	Jagrut	6/10/2025 11:16:56 AM	Peak Integrated by Software

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP060625

Review By	Rahul	Review On	6/9/2025 11:36:10 AM		
Supervise By	Jagrut	Supervise On	6/9/2025 12:09:52 PM		
SubDirectory	BP060625	HP Acquire Method	BNA_P	HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024859.D	06 Jun 2025 09:49	RC/JU	Ok
2	SSTDICC2.5	BP024860.D	06 Jun 2025 10:30	RC/JU	Ok
3	SSTDICC005	BP024861.D	06 Jun 2025 11:11	RC/JU	Ok,M
4	SSTDICC010	BP024862.D	06 Jun 2025 11:52	RC/JU	Ok,M
5	SSTDICC020	BP024863.D	06 Jun 2025 12:33	RC/JU	Ok,M
6	SSTDICCC040	BP024864.D	06 Jun 2025 13:14	RC/JU	Ok
7	SSTDICC050	BP024865.D	06 Jun 2025 13:56	RC/JU	Ok
8	SSTDICC060	BP024866.D	06 Jun 2025 14:37	RC/JU	Ok
9	SSTDICC080	BP024867.D	06 Jun 2025 15:18	RC/JU	Ok
10	SSTDICV040	BP024868.D	06 Jun 2025 17:09	RC/JU	Ok,M
11	PB168259BL	BP024869.D	06 Jun 2025 17:50	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP060925

Review By	Rahul	Review On	6/10/2025 10:05:06 AM		
Supervise By	Jagrut	Supervise On	6/10/2025 11:17:20 AM		
SubDirectory	BP060925	HP Acquire Method	BNA_P	HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024870.D	09 Jun 2025 10:03	RC/JU	Ok
2	SSTDCCC040	BP024871.D	09 Jun 2025 10:44	RC/JU	Ok,M
3	PB168323BL	BP024872.D	09 Jun 2025 11:24	RC/JU	Ok
4	PB168323BS	BP024873.D	09 Jun 2025 12:05	RC/JU	Ok
5	Q2210-01	BP024874.D	09 Jun 2025 12:50	RC/JU	Ok
6	Q2209-01	BP024875.D	09 Jun 2025 13:31	RC/JU	Ok
7	Q2230-01	BP024876.D	09 Jun 2025 14:12	RC/JU	Ok
8	Q2230-02	BP024877.D	09 Jun 2025 14:52	RC/JU	Ok,M
9	Q2218-01	BP024878.D	09 Jun 2025 15:33	RC/JU	Ok,M
10	Q2230-03MS	BP024879.D	09 Jun 2025 16:14	RC/JU	Ok,M
11	Q2230-04MSD	BP024880.D	09 Jun 2025 16:55	RC/JU	Ok,M
12	Q2230-05	BP024881.D	09 Jun 2025 17:35	RC/JU	Ok
13	Q2231-02	BP024882.D	09 Jun 2025 18:16	RC/JU	Dilution
14	Q2237-02	BP024883.D	09 Jun 2025 18:57	RC/JU	Ok
15	Q2248-01	BP024884.D	09 Jun 2025 19:38	RC/JU	Ok,M
16	Q2240-01	BP024885.D	09 Jun 2025 20:18	RC/JU	Ok,M
17	Q2260-01	BP024886.D	09 Jun 2025 20:59	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP060625

Review By	Rahul	Review On	6/9/2025 11:36:10 AM		
Supervise By	Jagrut	Supervise On	6/9/2025 12:09:52 PM		
SubDirectory	BP060625	HP Acquire Method	BNA_P	HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024859.D	06 Jun 2025 09:49		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024860.D	06 Jun 2025 10:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024861.D	06 Jun 2025 11:11		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024862.D	06 Jun 2025 11:52		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024863.D	06 Jun 2025 12:33	Calibration is Good for 8270 E, 8270 DOD and 625.1 methods.	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024864.D	06 Jun 2025 13:14	Compound#54 & 56 are Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024865.D	06 Jun 2025 13:56		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP024866.D	06 Jun 2025 14:37		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP024867.D	06 Jun 2025 15:18		RC/JU	Ok
10	SSTDICV040	ICVBP060625	BP024868.D	06 Jun 2025 17:09		RC/JU	Ok,M
11	PB168259BL	PB168259BL	BP024869.D	06 Jun 2025 17:50		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP060925

Review By	Rahul	Review On	6/10/2025 10:05:06 AM		
Supervise By	Jagrut	Supervise On	6/10/2025 11:17:20 AM		
SubDirectory	BP060925	HP Acquire Method	BNA_P	HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024870.D	09 Jun 2025 10:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024871.D	09 Jun 2025 10:44		RC/JU	Ok,M
3	PB168323BL	PB168323BL	BP024872.D	09 Jun 2025 11:24		RC/JU	Ok
4	PB168323BS	PB168323BS	BP024873.D	09 Jun 2025 12:05		RC/JU	Ok
5	Q2210-01	TW1	BP024874.D	09 Jun 2025 12:50		RC/JU	Ok
6	Q2209-01	P01W	BP024875.D	09 Jun 2025 13:31		RC/JU	Ok
7	Q2230-01	FB-060425	BP024876.D	09 Jun 2025 14:12		RC/JU	Ok
8	Q2230-02	GW-MW01-060425	BP024877.D	09 Jun 2025 14:52		RC/JU	Ok,M
9	Q2218-01	72-11934	BP024878.D	09 Jun 2025 15:33		RC/JU	Ok,M
10	Q2230-03MS	GW-MW01-060425MS	BP024879.D	09 Jun 2025 16:14		RC/JU	Ok,M
11	Q2230-04MSD	GW-MW01-060425MSI	BP024880.D	09 Jun 2025 16:55		RC/JU	Ok,M
12	Q2230-05	GW-MW901-060425	BP024881.D	09 Jun 2025 17:35		RC/JU	Ok
13	Q2231-02	MW-14-20250604	BP024882.D	09 Jun 2025 18:16	Analyze first with 10X Dilution and then decide further Dilution	RC/JU	Dilution
14	Q2237-02	TW-WTS-10	BP024883.D	09 Jun 2025 18:57		RC/JU	Ok
15	Q2248-01	TR-05-060525	BP024884.D	09 Jun 2025 19:38		RC/JU	Ok,M
16	Q2240-01	TP-3	BP024885.D	09 Jun 2025 20:18		RC/JU	Ok,M
17	Q2260-01	TP10-MHG-WC	BP024886.D	09 Jun 2025 20:59		RC/JU	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168323

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/06/2025
Matrix :	Water			**Extraction Start Time :**	08:35
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	06/06/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:50
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**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	50/100 PPM	SP6794
Surrogate	1.0ML	100/150 PPM	SP6754
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
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2620
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
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:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/6/25	RS (Ext labs)	RC / SVOC
13:55	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168323

Analytical Method: M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 06/06/2025

Sample ID	Client Sample ID	Test	g /(mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168323BL	SBLK323	SVOCMS Group1	1000	6	ritesh	Evelyn	1			SEP-1
PB168323BS	SLCS323	SVOCMS Group1	1000	6	ritesh	Evelyn	1			2
Q2202-03	MW-12-20250603	SVOCMS Group1	980	6	ritesh	Evelyn	1	C		3
Q2209-01	P01W	SVOCMS Group2	990	6	ritesh	Evelyn	1	D		4
Q2210-01	TW1	SVOCMS Group1	1000	6	ritesh	Evelyn	1	D		5
Q2230-01	FB-060425	SVOCMS Group3	880	6	ritesh	Evelyn	1	C		6
Q2230-02	GW-MW01-060425	SVOCMS Group3	910	6	ritesh	Evelyn	1	C		7
Q2230-03	Q2230-02MS	SVOCMS Group3	960	6	ritesh	Evelyn	1	C		8
Q2230-04	Q2230-02MSD	SVOCMS Group3	940	6	ritesh	Evelyn	1	C		9
Q2230-05	GW-MW901-060425	SVOCMS Group3	980	6	ritesh	Evelyn	1	C		10
Q2231-02	MW-14-20250604	SVOCMS Group1	1000	6	ritesh	Evelyn	1	C		11
Q2237-02	TW-WTS-10	SVOCMS Group4	980	12	ritesh	Evelyn	1	F		12

RS 6/6

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

168323
8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2202 **WorkList ID :** 189994 **Department :** Extraction **Date :** 06-06-2025 08:27:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2202-03	MW-12-20250603	Water	SVOCMS Group1	Cool 4 deg C	PARS02	N31	06/03/2025	8270E
Q2209-01	P01W	Water	SVOCMS Group2	Cool 4 deg C	GENV01	N31	06/04/2025	8270E
Q2210-01	TW1	Water	SVOCMS Group1	Cool 4 deg C	GENV01	L31	06/03/2025	8270E
Q2230-01	FB-060425	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-02	GW-MW01-060425	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-03	Q2230-02MS	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-04	Q2230-02MSD	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-05	GW-MW901-060425	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2231-02	MW-14-20250604	Water	SVOCMS Group1	Cool 4 deg C	PARS02	N41	06/04/2025	8270E
Q2237-02	TW-WTS-10	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	N31	06/04/2025	8270E

Date/Time 6/6/25 8:30
Raw Sample Received by: RJ (EA Lab)
Raw Sample Relinquished by:

Date/Time 6/6/25 9:15
Raw Sample Received by:
Raw Sample Relinquished by: RJ (EA Lab)

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LAB CHRONICLE

OrderID:	Q2209	**OrderDate:**	6/4/2025 1:52:00 PM
Client:	G Environmental	**Project:**	Power
Contact:	Gary Landis	**Location:**	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2209-01	**P01W**	**Water**			**06/04/25**			**06/04/25**
			SVOCMS Group2	8270E		06/06/25	06/09/25	
			SVOC-SIMGroup1	8270-Modified		06/06/25	06/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2209

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			**0.00**		
			Total Concentration:			**0.00**		

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:	06/04/25
Project:	Power	Date Received:	06/04/25
Client Sample ID:	P01W	SDG No.:	Q2209
Lab Sample ID:	Q2209-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037211.D	1	06/06/25 11:54	06/10/25 03:25	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.38		30 (20) - 150 (139)	94%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.47		30 (54) - 150 (157)	117%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.39		30 (27) - 130 (154)	97%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.43		30 (30) - 130 (155)	106%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.45		30 (54) - 130 (175)	113%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1900	7.59			
1146-65-2	Naphthalene-d8	4880	10.362			
15067-26-2	Acenaphthene-d10	2500	14.235			
1517-22-2	Phenanthrene-d10	4820	16.984			
1719-03-5	Chrysene-d12	4180	21.18			
1520-96-3	Perylene-d12	4090	23.374			

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,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168336BL	PB168336BL	2-Methylnaphthalene-d10	0.4	0.36	91		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.40	99		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	92		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.40	101		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.42	105		30 (54)	130 (175)
PB168336BS	PB168336BS	2-Methylnaphthalene-d10	0.4	0.36	90		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.30	76		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.38	95		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.38	95		30 (54)	130 (175)
Q2209-01	P01W	2-Methylnaphthalene-d10	0.4	0.38	94		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.47	117		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.39	97		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.43	106		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.45	113		30 (54)	130 (175)
Q2250-02MS	MW-11A-13.5-060525MS	2-Methylnaphthalene-d10	0.4	0.30	75		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	92		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	79		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.34	86		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.47	118		30 (54)	130 (175)
Q2250-03MSD	MW-11A-13.5-060525MSD	2-Methylnaphthalene-d10	0.4	0.30	75		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	91		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	79		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	86		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.45	113		30 (54)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2250-02MS		**Client Sample ID: MW-11A-13.5-060525MS**						**DataFile: BN037192.D**			
Benzo(a)anthracene	0.42	0	0.45	ug/L	107				70 (51)	130 (146)	
Benzo(b)fluoranthene	0.42	0	0.40	ug/L	95				70 (60)	130 (123)	
Benzo(k)fluoranthene	0.42	0	0.38	ug/L	90				70 (61)	130 (122)	
Benzo(a)pyrene	0.42	0	0.40	ug/L	95				70 (54)	130 (129)	
Benzo(g,h,i)perylene	0.42	0	0.39	ug/L	93				70 (44)	130 (132)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: SW8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2250-03MSD		**Client Sample ID: MW-11A-13.5-060525MSD**						**DataFile: BN037193.D**			
Benzo(a)anthracene	0.4	0	0.44	ug/L	110		3		70 (51)	130 (146)	20 (20)
Benzo(b)fluoranthene	0.4	0	0.38	ug/L	95		0		70 (60)	130 (123)	20 (20)
Benzo(k)fluoranthene	0.4	0	0.39	ug/L	98		9		70 (61)	130 (122)	20 (20)
Benzo(a)pyrene	0.4	0	0.38	ug/L	95		0		70 (54)	130 (129)	20 (20)
Benzo(g,h,i)perylene	0.4	0	0.39	ug/L	98		5		70 (44)	130 (132)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2209

Client: G Environmental

Analytical Method: 8270-Modified **DataFile:** BN037201.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168336BS	Benzo(a)anthracene	0.4	0.36	ug/L	90				70 (54)	130 (130)	
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				70 (65)	130 (121)	
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90				70 (72)	130 (119)	
	Benzo(a)pyrene	0.4	0.39	ug/L	98				70 (68)	130 (120)	
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105				70 (76)	130 (117)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168336BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: BN037190.D Lab Sample ID: PB168336BL

Instrument ID: BNA_N Date Extracted: 06/06/2025

Matrix: (soil/water) Water Date Analyzed: 06/09/2025

Level: (low/med) LOW Time Analyzed: 11:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168336BS	PB168336BS	BN037201.D	06/09/2025
MW-11A-13.5-060525MS	Q2250-02MS	BN037192.D	06/09/2025
MW-11A-13.5-060525MSD	Q2250-03MSD	BN037193.D	06/09/2025
P01W	Q2209-01	BN037211.D	06/10/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: BN037142.D DFTPP Injection Date: 06/03/2025

Instrument ID: BNA_N DFTPP Injection Time: 10:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	69.8
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	58.7
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	53.9
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
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	12.1 (19.8) 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
SSTDICC0.1	SSTDICC0.1	BN037143.D	06/03/2025	11:39
SSTDICC0.2	SSTDICC0.2	BN037144.D	06/03/2025	12:15
SSTDICCC0.4	SSTDICCC0.4	BN037145.D	06/03/2025	12:51
SSTDICC0.8	SSTDICC0.8	BN037146.D	06/03/2025	13:26
SSTDICC1.6	SSTDICC1.6	BN037147.D	06/03/2025	14:02
SSTDICC3.2	SSTDICC3.2	BN037148.D	06/03/2025	14:38
SSTDICC5.0	SSTDICC5.0	BN037149.D	06/03/2025	15:14

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: BN037188.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_N DFTPP Injection Time: 10:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	74
68	Less than 2.0% of mass 69	0.4 (0.7) 1
69	Mass 69 relative abundance	59.6
70	Less than 2.0% of mass 69	0.4 (0.6) 1
127	10.0 - 80.0% of mass 198	53
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	6.9
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	8.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	10.5 (18.5) 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
SSTDCCC0.4	SSTDCCC0.4	BN037189.D	06/09/2025	10:54
PB168336BL	PB168336BL	BN037190.D	06/09/2025	11:30
MW-11A-13.5-060525MS	Q2250-02MS	BN037192.D	06/09/2025	14:33
MW-11A-13.5-060525MSD	Q2250-03MSD	BN037193.D	06/09/2025	15:47
PB168336BS	PB168336BS	BN037201.D	06/09/2025	20:40

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2209 SDG NO.: Q2209

Lab File ID: BN037203.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_N DFTPP Injection Time: 22:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	79.8
68	Less than 2.0% of mass 69	1 (1.5) 1
69	Mass 69 relative abundance	65.5
70	Less than 2.0% of mass 69	0.4 (0.6) 1
127	10.0 - 80.0% of mass 198	56.9
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
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	8.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	10.6 (20.4) 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
SSTDCCC0.4	SSTDCCC0.4	BN037204.D	06/09/2025	23:11
P01W	Q2209-01	BN037211.D	06/10/2025	03:25

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/09/2025

Lab File ID: BN037189.D Time Analyzed: 10:54

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2093	7.589	5342	10.36	2894	14.24
	UPPER LIMIT	4186	8.089	10684	10.862	5788	14.735
	LOWER LIMIT	1046.5	7.089	2671	9.862	1447	13.735
	EPA SAMPLE NO.						
01	PB168336BL	1816	7.59	4227	10.37	2101	14.25
02	MW-11A-13.5-060525MS	2144	7.59	5670	10.36	2991	14.23
03	MW-11A-13.5-060525MSD	2169	7.59	5646	10.36	2926	14.24
04	PB168336BS	2227	7.59	5466	10.36	2607	14.23

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: CHEMTECH

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/09/2025

Lab File ID: BN037189.D Time Analyzed: 10:54

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	5308	16.984	3516	21.18	3185	23.377
	UPPER LIMIT	10616	17.484	7032	21.68	6370	23.877
	LOWER LIMIT	2654	16.484	1758	20.68	1592.5	22.877
	EPA SAMPLE NO.						
01	PB168336BL	3500	17.00	2446	21.19	2291	23.39
02	MW-11A-13.5-060525MS	5389	16.98	3448	21.19	3177	23.38
03	MW-11A-13.5-060525MSD	5139	16.98	3419	21.18	3336	23.37
04	PB168336BS	4253	16.98	2468	21.19	2373	23.38

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: CHEMTECH

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/09/2025

Lab File ID: BN037204.D Time Analyzed: 23:11

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	1688	7.589	4447	10.37	2457	14.23
	UPPER LIMIT	3376	8.089	8894	10.872	4914	14.734
	LOWER LIMIT	844	7.089	2223.5	9.872	1228.5	13.734
	EPA SAMPLE NO.						
01	P01W	1897	7.59	4879	10.36	2497	14.24

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: CHEMTECH

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG NO.: Q2209

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/09/2025

Lab File ID: BN037204.D Time Analyzed: 23:11

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	4471	16.984	2829	21.18	2684	23.377
	UPPER LIMIT	8942	17.484	5658	21.68	5368	23.877
	LOWER LIMIT	2235.5	16.484	1414.5	20.68	1342	22.877
	EPA SAMPLE NO.						
01	P01W	4818	16.98	4180	21.18	4091	23.37

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:	Power			Date Received:	
Client Sample ID:	PB168336BL			SDG No.:	Q2209
Lab Sample ID:	PB168336BL			Matrix:	Water
Analytical Method:	SW8270ESIM			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-SIMGroup1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037190.D	1	06/06/25 11:54	06/09/25 11:30	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (20) - 150 (139)	91%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.40		30 (54) - 150 (157)	99%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.37		30 (27) - 130 (154)	92%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.40		30 (30) - 130 (155)	101%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.42		30 (54) - 130 (175)	105%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1820	7.589			
1146-65-2	Naphthalene-d8	4230	10.372			
15067-26-2	Acenaphthene-d10	2100	14.245			
1517-22-2	Phenanthrene-d10	3500	16.996			
1719-03-5	Chrysene-d12	2450	21.189			
1520-96-3	Perylene-d12	2290	23.386			

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:	Power	Date Received:	
Client Sample ID:	PB168336BS	SDG No.:	Q2209
Lab Sample ID:	PB168336BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037201.D	1	06/06/25 11:54	06/09/25 20:40	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.36		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.35		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (20) - 150 (139)	90%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.30		30 (54) - 150 (157)	76%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.38		30 (30) - 130 (155)	95%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.38		30 (54) - 130 (175)	95%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2230	7.589			
1146-65-2	Naphthalene-d8	5470	10.361			
15067-26-2	Acenaphthene-d10	2610	14.234			
1517-22-2	Phenanthrene-d10	4250	16.984			
1719-03-5	Chrysene-d12	2470	21.188			
1520-96-3	Perylene-d12	2370	23.377			

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:	06/05/25
Project:	Power	Date Received:	06/05/25
Client Sample ID:	MW-11A-13.5-060525MS	SDG No.:	Q2209
Lab Sample ID:	Q2250-02MS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037192.D	1	06/06/25 11:54	06/09/25 14:33	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.45		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.40		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.40		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (20) - 150 (139)	75%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (54) - 150 (157)	92%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.32		30 (27) - 130 (154)	79%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.34		30 (30) - 130 (155)	86%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.47		30 (54) - 130 (175)	118%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2140	7.589			
1146-65-2	Naphthalene-d8	5670	10.361			
15067-26-2	Acenaphthene-d10	2990	14.234			
1517-22-2	Phenanthrene-d10	5390	16.984			
1719-03-5	Chrysene-d12	3450	21.188			
1520-96-3	Perylene-d12	3180	23.38			

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:	06/05/25
Project:	Power	Date Received:	06/05/25
Client Sample ID:	MW-11A-13.5-060525MSD	SDG No.:	Q2209
Lab Sample ID:	Q2250-03MSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037193.D	1	06/06/25 11:54	06/09/25 15:47	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.44		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (20) - 150 (139)	75%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (54) - 150 (157)	91%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.32		30 (27) - 130 (154)	79%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (30) - 130 (155)	86%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.45		30 (54) - 130 (175)	113%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2170	7.59			
1146-65-2	Naphthalene-d8	5650	10.362			
15067-26-2	Acenaphthene-d10	2930	14.235			
1517-22-2	Phenanthrene-d10	5140	16.984			
1719-03-5	Chrysene-d12	3420	21.18			
1520-96-3	Perylene-d12	3340	23.374			

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_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN060325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 04 01:52:03 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037143.D 0.2 =BN037144.D 0.4 =BN037145.D 0.8 =BN037146.D 1.6 =BN037147.D 3.2 =BN037148.D 5.0 =BN037149.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5.0	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.598	0.657	0.510	0.506	0.526	0.477	0.458	0.533	13.16
3)		n-Nitrosodimet...	1.098	1.031	1.061	1.067	1.163	1.061	1.012	1.071	4.60
4)	S	2-Fluorophenol	1.027	1.017	0.940	0.945	1.036	0.984	0.975	0.989	3.91
5)	S	Phenol-d6	1.156	1.144	1.127	1.126	1.293	1.261	1.285	1.199	6.42
6)		bis(2-Chloroet...	1.138	1.139	1.128	1.089	1.223	1.146	1.146	1.144	3.51
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.393	0.383	0.421	0.407	0.455	0.450	0.446	0.422	6.86
9)		Naphthalene	1.183	1.125	1.119	1.111	1.215	1.165	1.160	1.154	3.31
10)		Hexachlorobuta...	0.253	0.249	0.261	0.247	0.266	0.246	0.238	0.251	3.81
11)	SURR	2-Methylnaphth...	0.520	0.515	0.562	0.536	0.598	0.577	0.588	0.557	5.97
12)		2-Methylnaphth...	0.704	0.680	0.691	0.719	0.809	0.783	0.793	0.740	7.22
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.124	0.147	0.146	0.157	0.185	0.182	0.186	0.161	15.03
15)	S	2-Fluorobiphenyl	1.722	1.691	1.626	1.654	1.814	1.706	1.725	1.705	3.52
16)		Acenaphthylene	1.946	1.905	1.768	1.871	2.112	2.050	2.075	1.961	6.32
17)		Acenaphthene	1.290	1.253	1.159	1.212	1.370	1.309	1.320	1.273	5.59
18)		Fluorene	1.701	1.577	1.518	1.611	1.823	1.736	1.752	1.674	6.48
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.039	0.050	0.067	0.090	0.102	0.114	0.077	38.58
21)		4-Bromophenyl-...	0.256	0.253	0.244	0.254	0.281	0.276	0.271	0.262	5.32
22)		Hexachlorobenzene	0.289	0.284	0.269	0.279	0.301	0.284	0.274	0.283	3.72
23)		Atrazine	0.194	0.200	0.187	0.209	0.241	0.238	0.247	0.216	11.42
24)		Pentachlorophenol		0.086	0.092	0.107	0.140	0.153	0.165	0.124	26.72
25)		Phenanthrene	1.285	1.242	1.193	1.248	1.386	1.357	1.361	1.296	5.64
26)		Anthracene	1.098	1.099	1.036	1.143	1.294	1.290	1.317	1.183	9.71
27)	SURR	Fluoranthene-d10	0.969	0.937	0.975	0.956	1.092	1.071	1.114	1.016	7.22
28)		Fluoranthene	1.339	1.294	1.277	1.365	1.579	1.563	1.605	1.432	10.09
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.051	1.974	1.827	1.928	2.048	1.955	1.885	1.953	4.20
31)	S	Terphenyl-d14	0.964	0.909	0.896	0.941	1.006	0.952	0.923	0.942	3.96
32)		Benzo(a)anthra...	1.369	1.367	1.291	1.404	1.582	1.553	1.570	1.448	8.15
33)		Chrysene	1.755	1.636	1.473	1.582	1.698	1.584	1.556	1.612	5.81
34)		Bis(2-ethylhex...	1.032	0.859	0.774	0.858	0.956	0.914	1.002	0.914	9.90
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN060325.M

36)		Indeno(1,2,3-c...	1.443	1.605	1.501	1.526	1.695	1.673	1.697	1.591	6.44
37)		Benzo(b)fluora...	1.529	1.520	1.421	1.575	1.763	1.713	1.781	1.615	8.58
38)		Benzo(k)fluora...	1.576	1.565	1.461	1.612	1.777	1.743	1.805	1.648	7.79
39)	C	Benzo(a)pyrene	1.310	1.287	1.219	1.294	1.451	1.426	1.481	1.352	7.32
40)		Dibenzo(a,h)an...	1.074	1.167	1.160	1.196	1.333	1.332	1.328	1.227	8.48
41)		Benzo(g,h,i)pe...	1.368	1.450	1.351	1.372	1.477	1.424	1.425	1.410	3.33

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG No.: Q2209

Instrument ID: BNA_N Calibration Date/Time: 06/09/2025 10:54

Lab File ID: BN037189.D Init. Calib. Date(s): 06/03/2025 06/03/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 11:39 15:14

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.557	0.558		0.2	20.0
Fluoranthene-d10	1.016	0.960		-5.5	20.0
2-Fluorophenol	0.989	0.924		-6.6	20.0
Phenol-d6	1.199	1.124		-6.3	20.0
Nitrobenzene-d5	0.422	0.422		0.0	20.0
2-Fluorobiphenyl	1.705	1.691		-0.8	20.0
2,4,6-Tribromophenol	0.161	0.142		-11.8	20.0
Terphenyl-d14	0.942	0.909		-3.5	20.0
Benzo(a)anthracene	1.448	1.282		-11.5	20.0
Benzo(b)fluoranthene	1.615	1.446		-10.5	20.0
Benzo(k)fluoranthene	1.648	1.440		-12.6	20.0
Benzo(a)pyrene	1.352	1.193		-11.8	20.0
Benzo(g,h,i)perylene	1.410	1.306		-7.4	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2209 SAS No.: Q2209 SDG No.: Q2209

Instrument ID: BNA_N Calibration Date/Time: 06/09/2025 23:11

Lab File ID: BN037204.D Init. Calib. Date(s): 06/03/2025 06/03/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 11:39 15:14

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.557	0.554		-0.5	20.0
Fluoranthene-d10	1.016	0.919		-9.5	20.0
2-Fluorophenol	0.989	0.935		-5.5	20.0
Phenol-d6	1.199	1.161		-3.2	20.0
Nitrobenzene-d5	0.422	0.423		0.2	20.0
2-Fluorobiphenyl	1.705	1.685		-1.2	20.0
2,4,6-Tribromophenol	0.161	0.151		-6.2	20.0
Terphenyl-d14	0.942	0.919		-2.4	20.0
Benzo(a)anthracene	1.448	1.292		-10.8	20.0
Benzo(b)fluoranthene	1.615	1.383		-14.4	20.0
Benzo(k)fluoranthene	1.648	1.487		-9.8	20.0
Benzo(a)pyrene	1.352	1.233		-8.8	20.0
Benzo(g,h,i)perylene	1.410	1.404		-0.4	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037211.D
Acq On : 10 Jun 2025 03:25
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
P01W

Quant Time: Jun 10 04:06:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

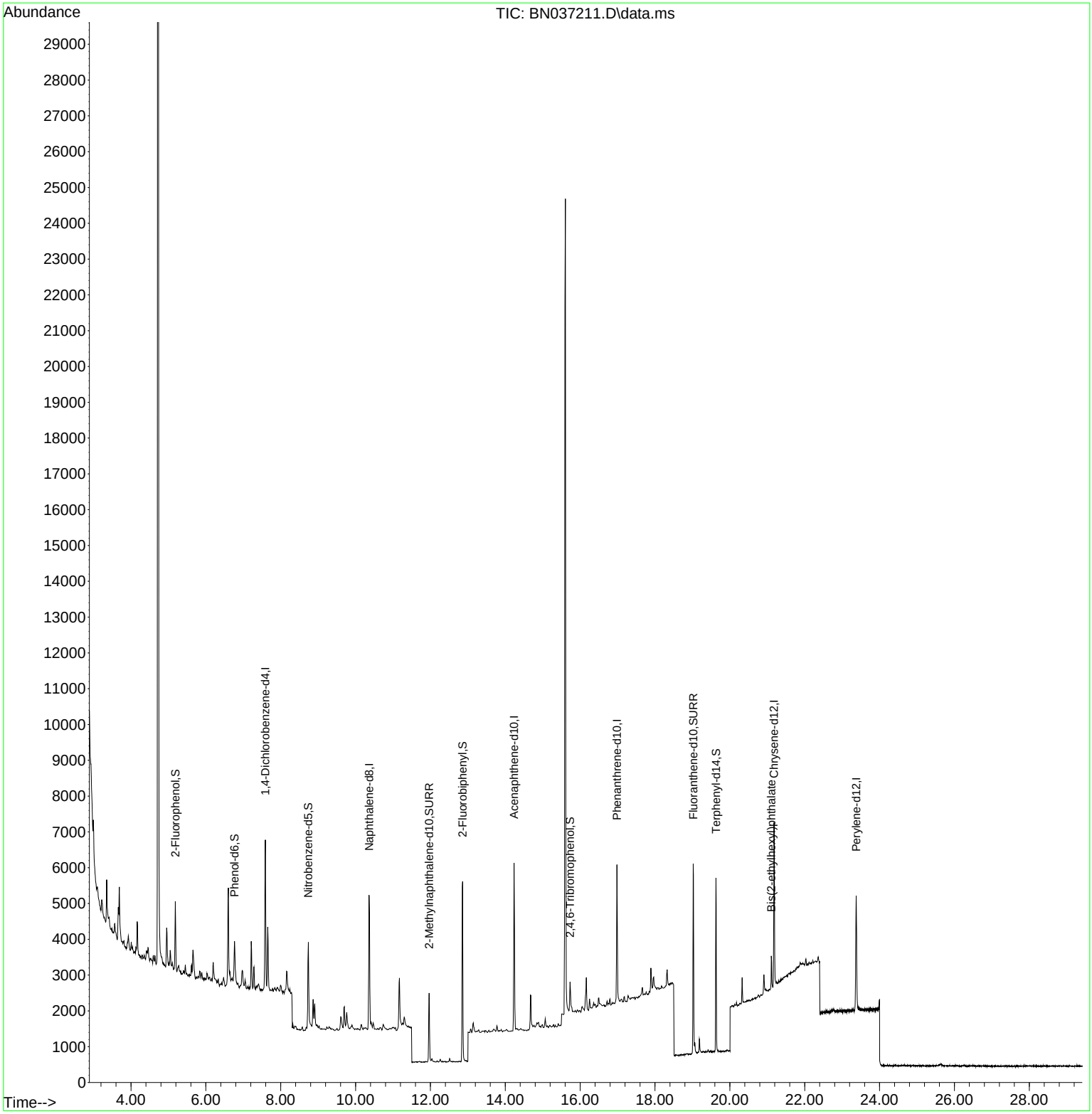
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	1897	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	4879	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2497	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4818	0.400	ng	0.00
29) Chrysene-d12	21.180	240	4180	0.400	ng	# 0.00
35) Perylene-d12	23.374	264	4091	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.185	112	1194	0.255	ng	0.00
5) Phenol-d6	6.766	99	907	0.160	ng	0.00
8) Nitrobenzene-d5	8.739	82	2010	0.390	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2570	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	436	0.434	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4536	0.426	ng	0.00
27) Fluoranthene-d10	19.022	212	5720	0.467	ng	0.00
31) Terphenyl-d14	19.630	244	4444	0.452	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.108	149	869	0.091	ng	# 94

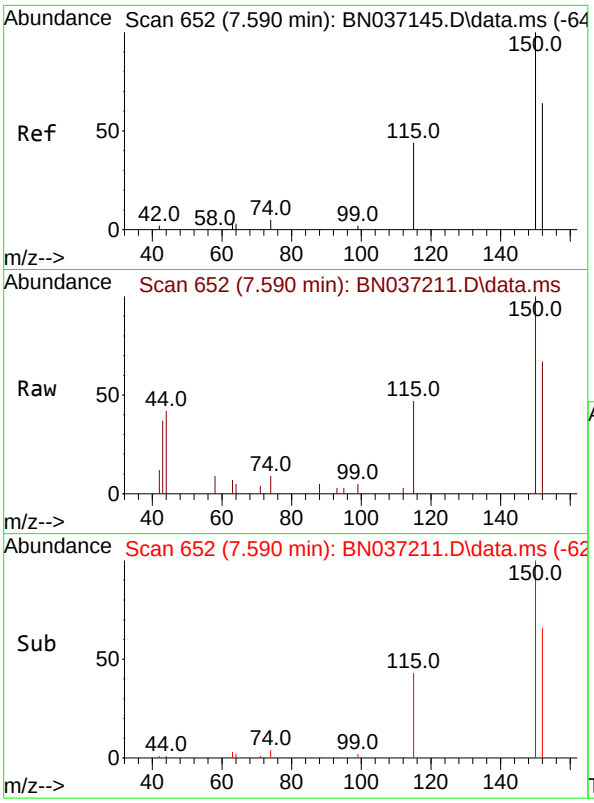
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037211.D
Acq On : 10 Jun 2025 03:25
Operator : RC/JU
Sample : Q2209-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
P01W

Quant Time: Jun 10 04:06:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



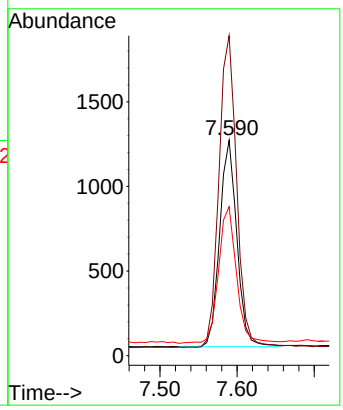


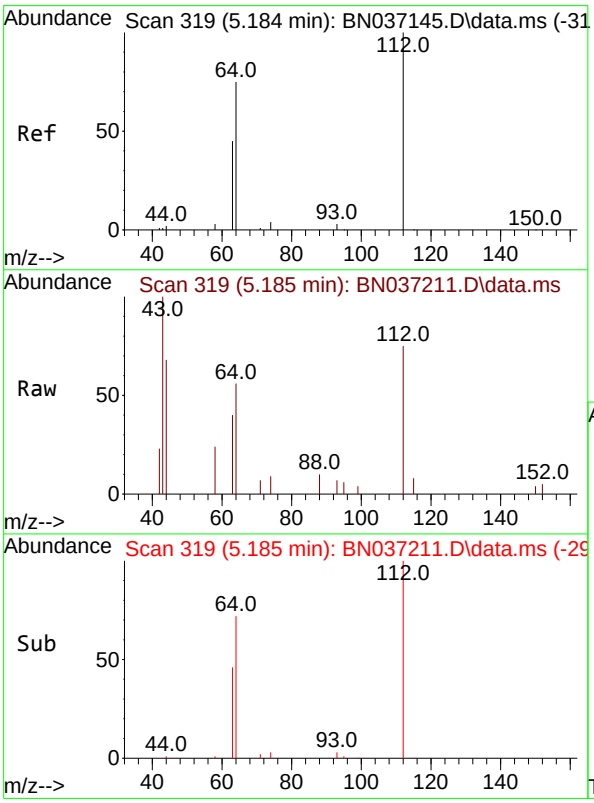
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.590 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Instrument :
BNA_N
ClientSampleId :
P01W

Tgt Ion:152 Resp: 1897

Ion	Ratio	Lower	Upper
152	100		
150	148.5	123.2	184.8
115	69.1	56.6	85.0

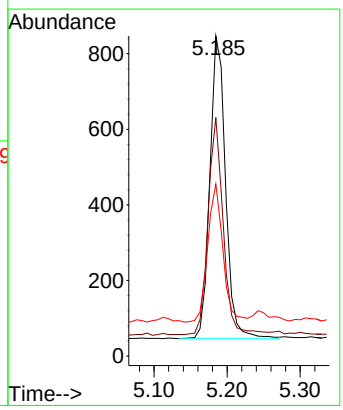


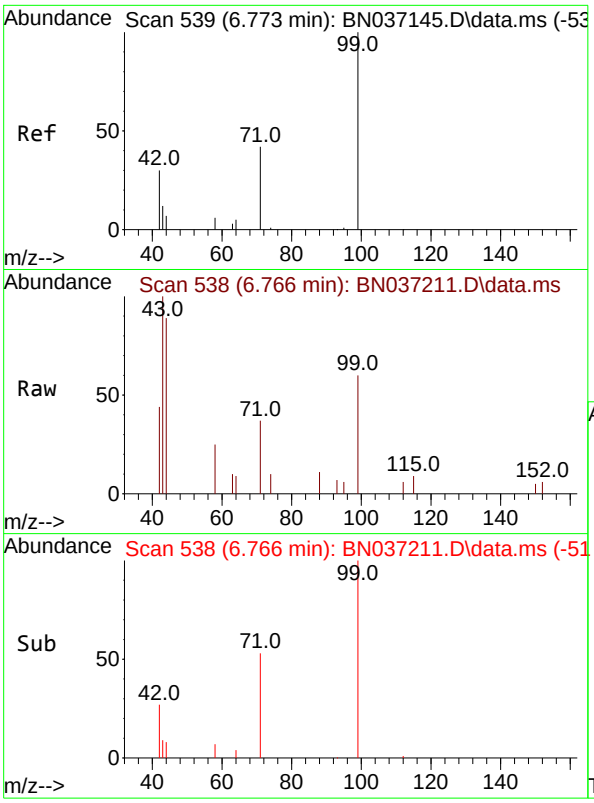


#4
2-Fluorophenol
Concen: 0.255 ng
RT: 5.185 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Tgt Ion:112 Resp: 1194

Ion	Ratio	Lower	Upper
112	100		
64	68.8	56.3	84.5
63	44.4	36.2	54.4



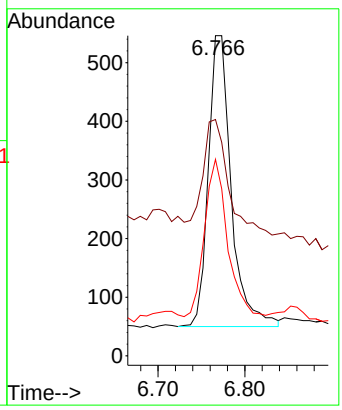


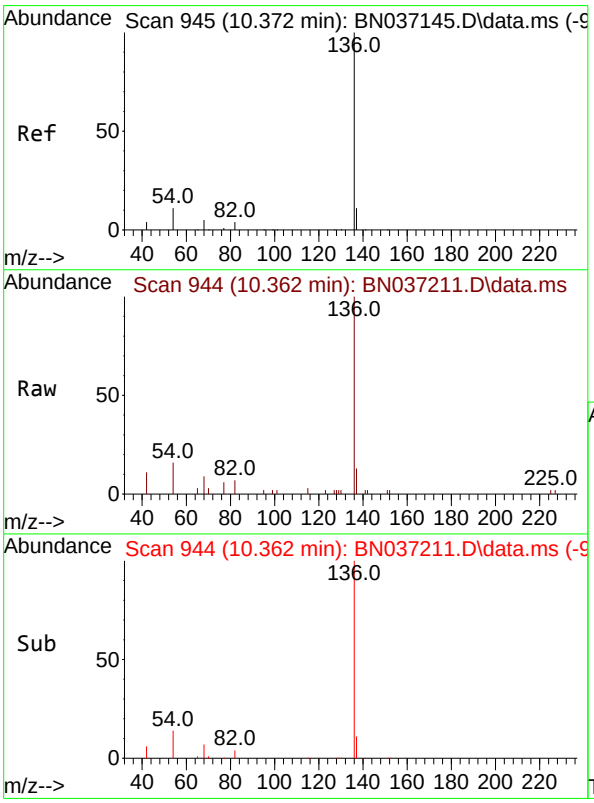
#5
Phenol-d6
Concen: 0.160 ng
RT: 6.766 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Instrument :
BNA_N
ClientSampleId :
P01W

Tgt Ion: 99 Resp: 907

Ion	Ratio	Lower	Upper
99	100		
42	68.5	31.3	46.9#
71	57.8	38.2	57.2#

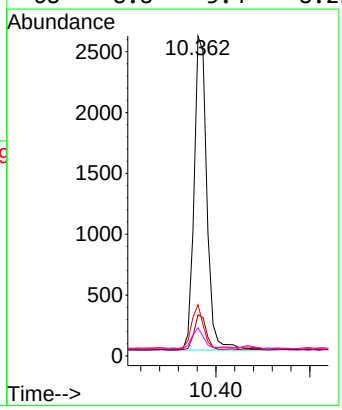


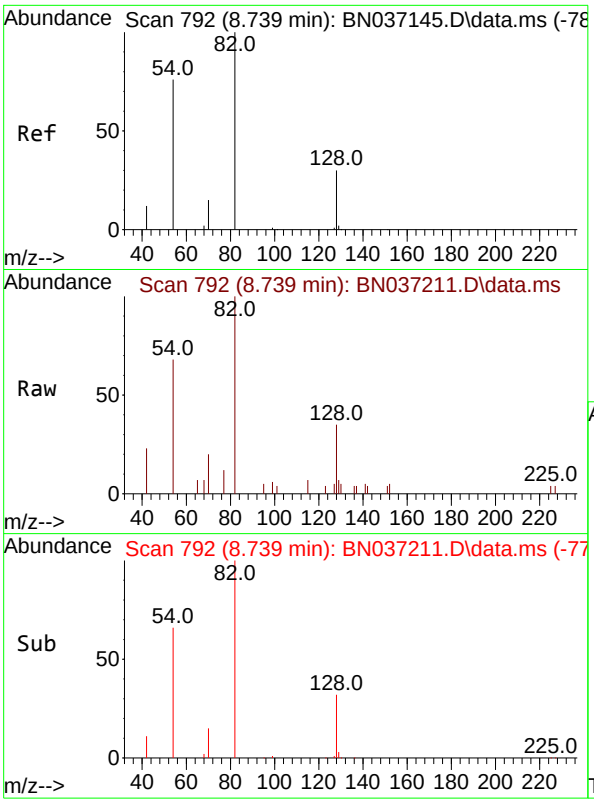


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Tgt Ion:136 Resp: 4879

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.7	14.5
54	16.0	9.7	14.5#
68	8.8	5.4	8.2#



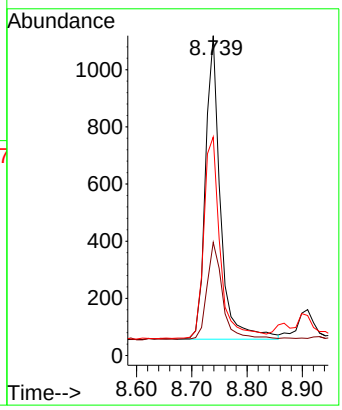


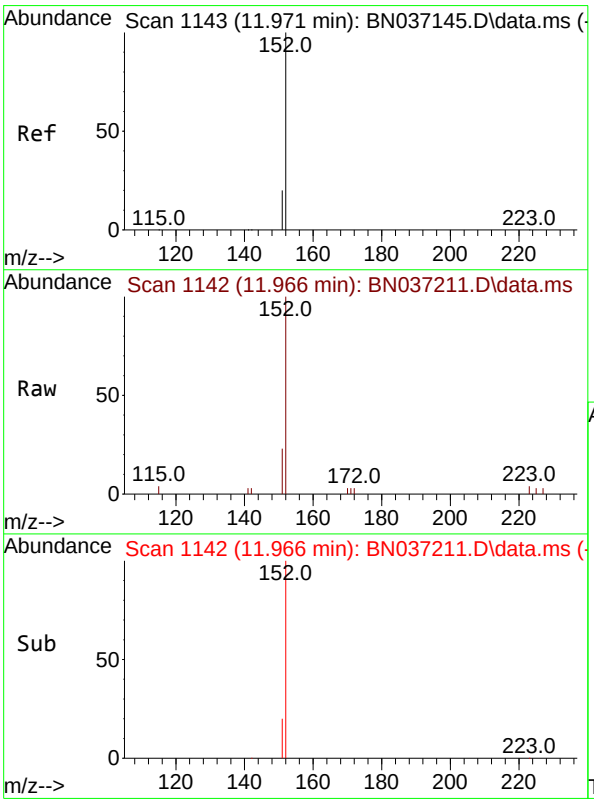
#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 8.739 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Instrument :
BNA_N
ClientSampleId :
P01W

Tgt Ion: 82 Resp: 2010

Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.9	40.3
54	68.4	61.4	92.2

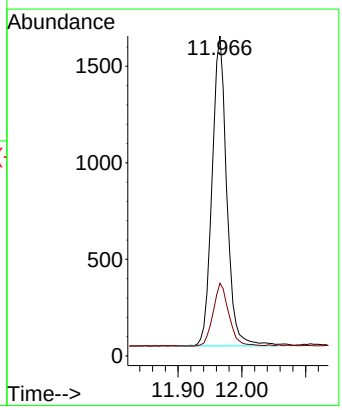


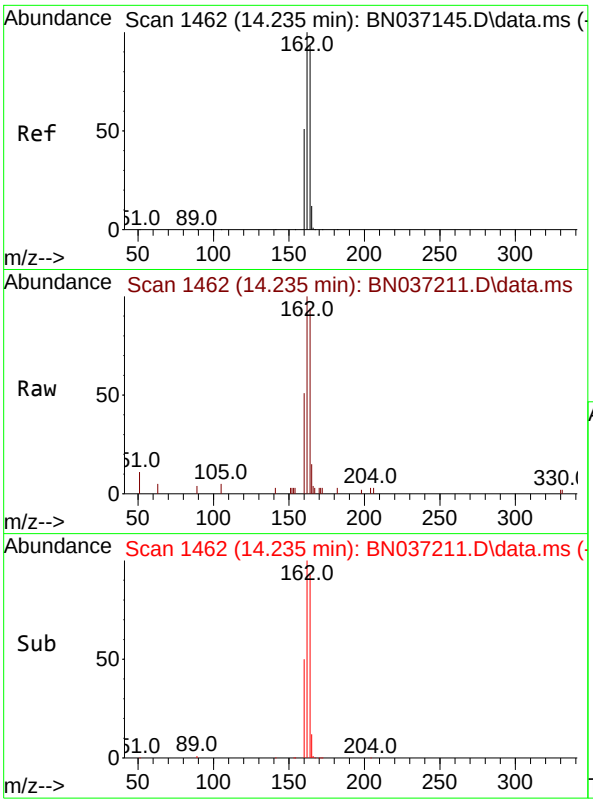


#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Tgt Ion:152 Resp: 2570

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.1	25.7



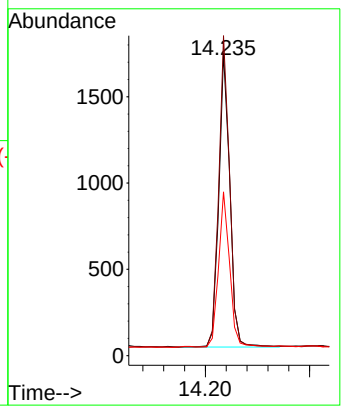


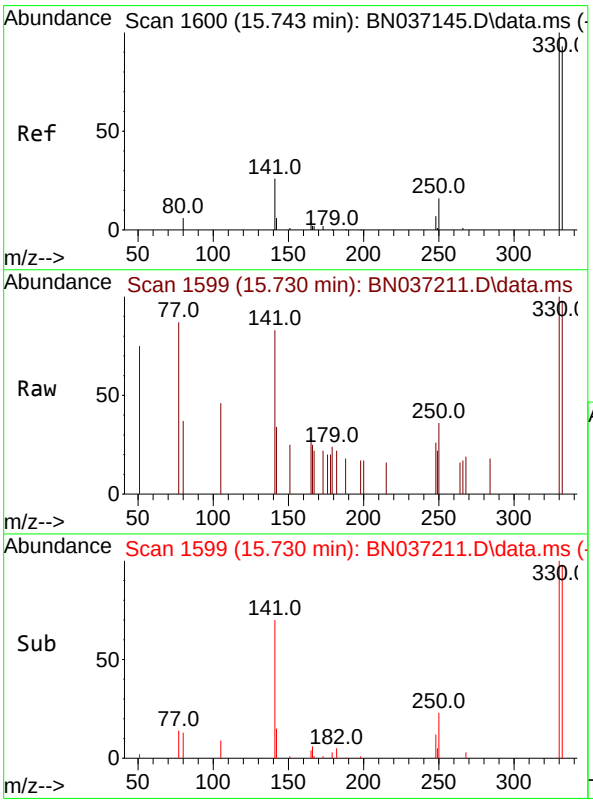
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Instrument :
BNA_N
ClientSampleId :
P01W

Tgt Ion:164 Resp: 2497

Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.5	128.3
160	54.2	44.6	67.0

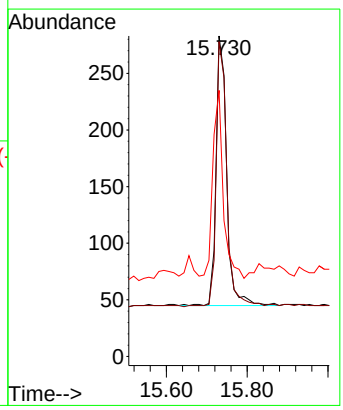


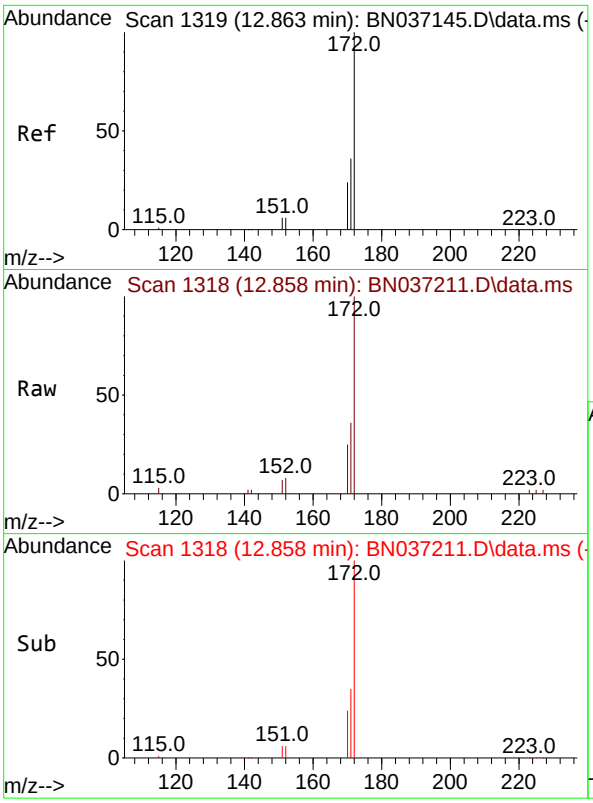


#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Tgt Ion:330 Resp: 436

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.1	115.7
141	68.6	46.4	69.6



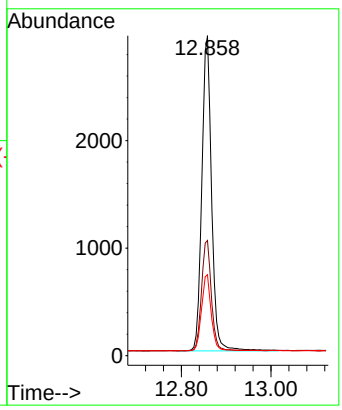


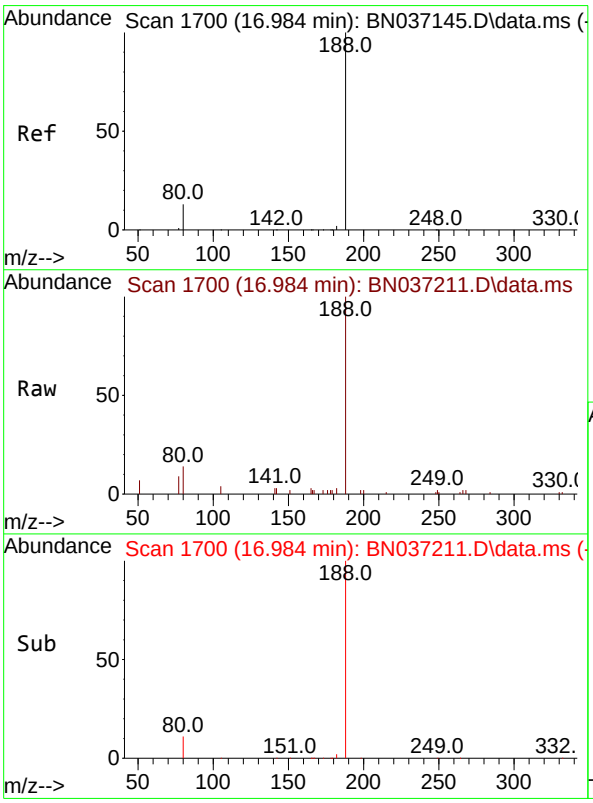
#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Instrument :
BNA_N
ClientSampleId :
P01W

Tgt Ion:172 Resp: 4536

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	25.3	20.3	30.5

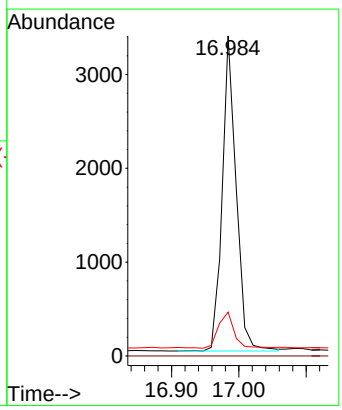


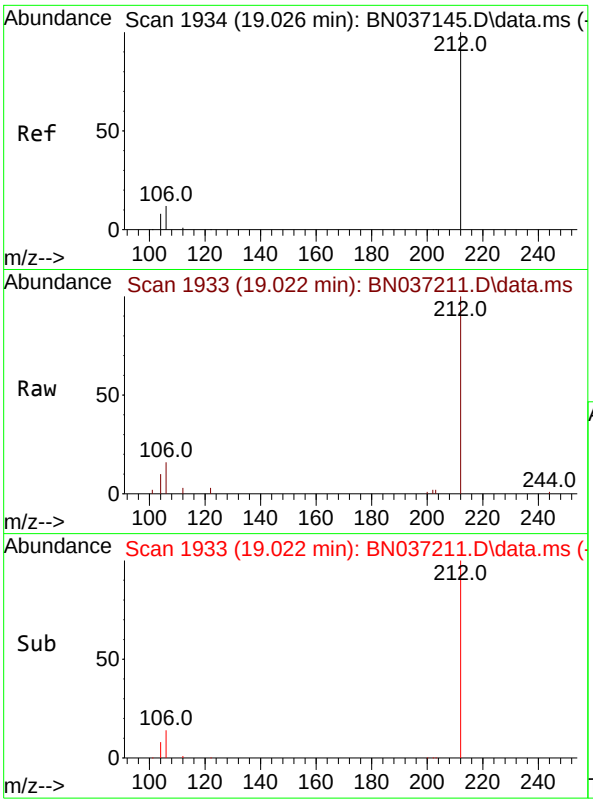


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Tgt Ion:188 Resp: 4818

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	11.3	16.9



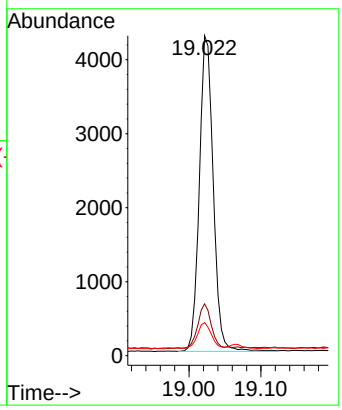


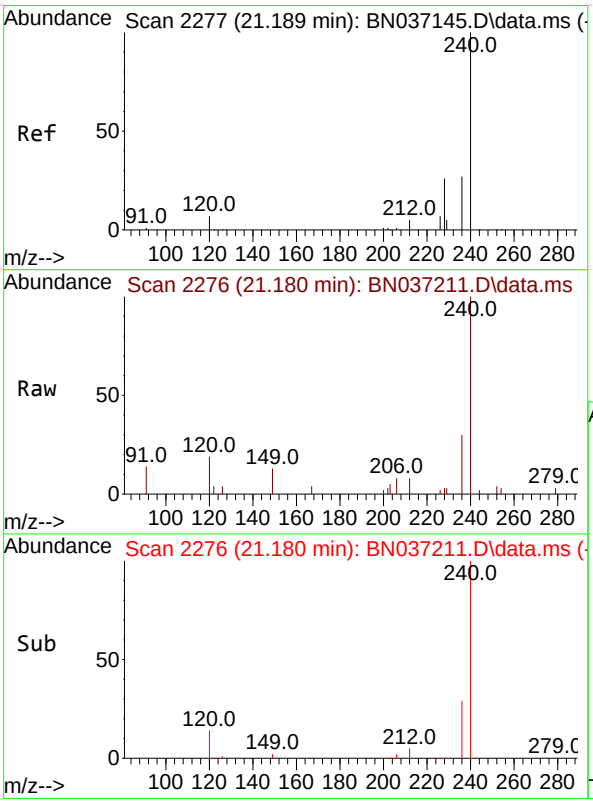
#27
Fluoranthene-d10
Concen: 0.467 ng
RT: 19.022 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Instrument :
BNA_N
ClientSampleId :
P01W

Tgt Ion:212 Resp: 5720

Ion	Ratio	Lower	Upper
212	100		
106	13.8	10.6	15.8
104	7.9	6.6	9.8

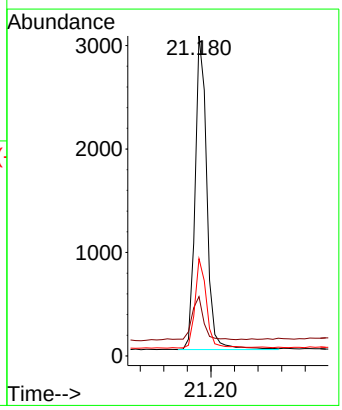


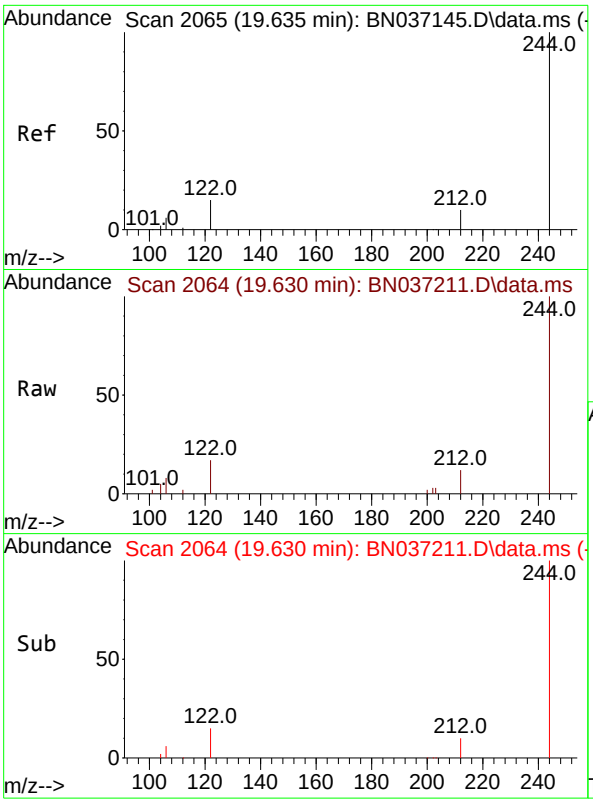


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Tgt Ion:240 Resp: 4180

Ion	Ratio	Lower	Upper
240	100		
120	18.5	9.0	13.4#
236	30.4	23.0	34.4



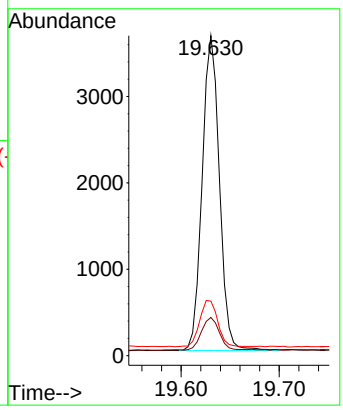


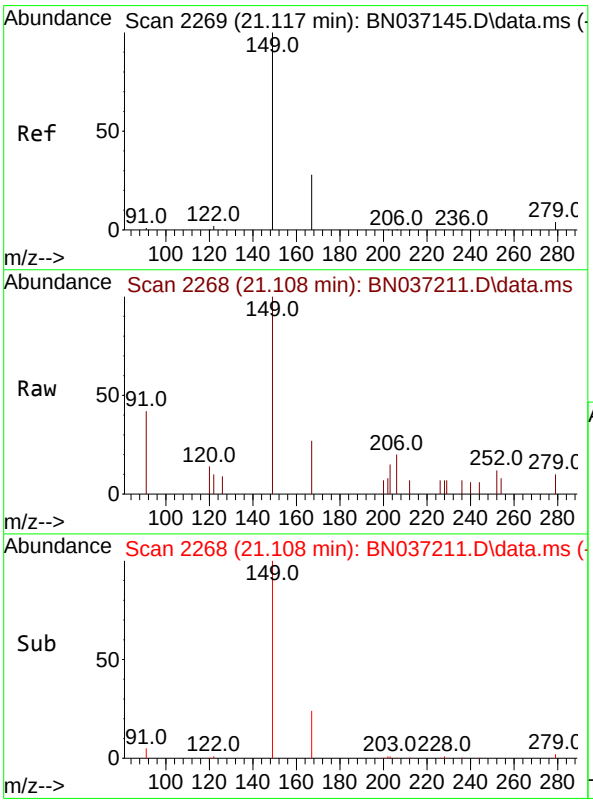
#31
Terphenyl-d14
Concen: 0.452 ng
RT: 19.630 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Instrument :
BNA_N
ClientSampleId :
P01W

Tgt Ion:244 Resp: 4444

Ion	Ratio	Lower	Upper
244	100		
212	12.0	10.0	15.0
122	17.1	13.2	19.8

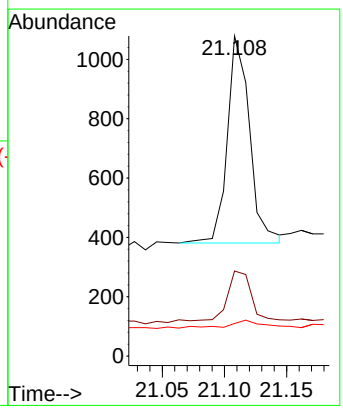


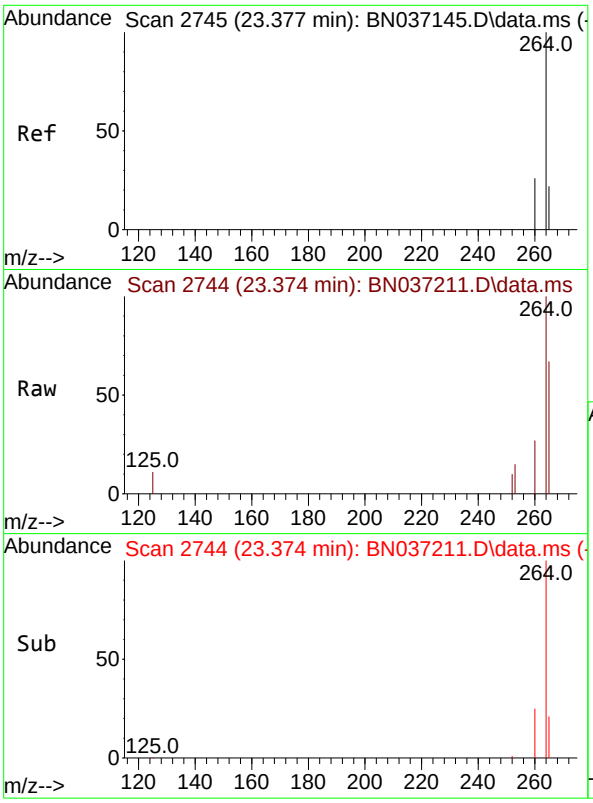


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 21.108 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Tgt Ion:149 Resp: 869

Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.0	31.4
279	6.3	2.9	4.3#



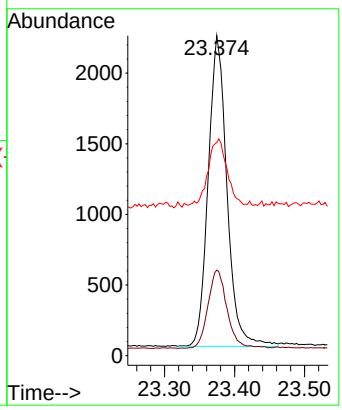


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.374 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037211.D
Acq: 10 Jun 2025 03:25

Instrument :
BNA_N
ClientSampleId :
P01W

Tgt Ion:264 Resp: 4091

Ion	Ratio	Lower	Upper
264	100		
260	26.8	22.1	33.1
265	66.6	55.8	83.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037190.D
Acq On : 09 Jun 2025 11:30
Operator : RC/JU
Sample : PB168336BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Quant Time: Jun 09 12:24:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

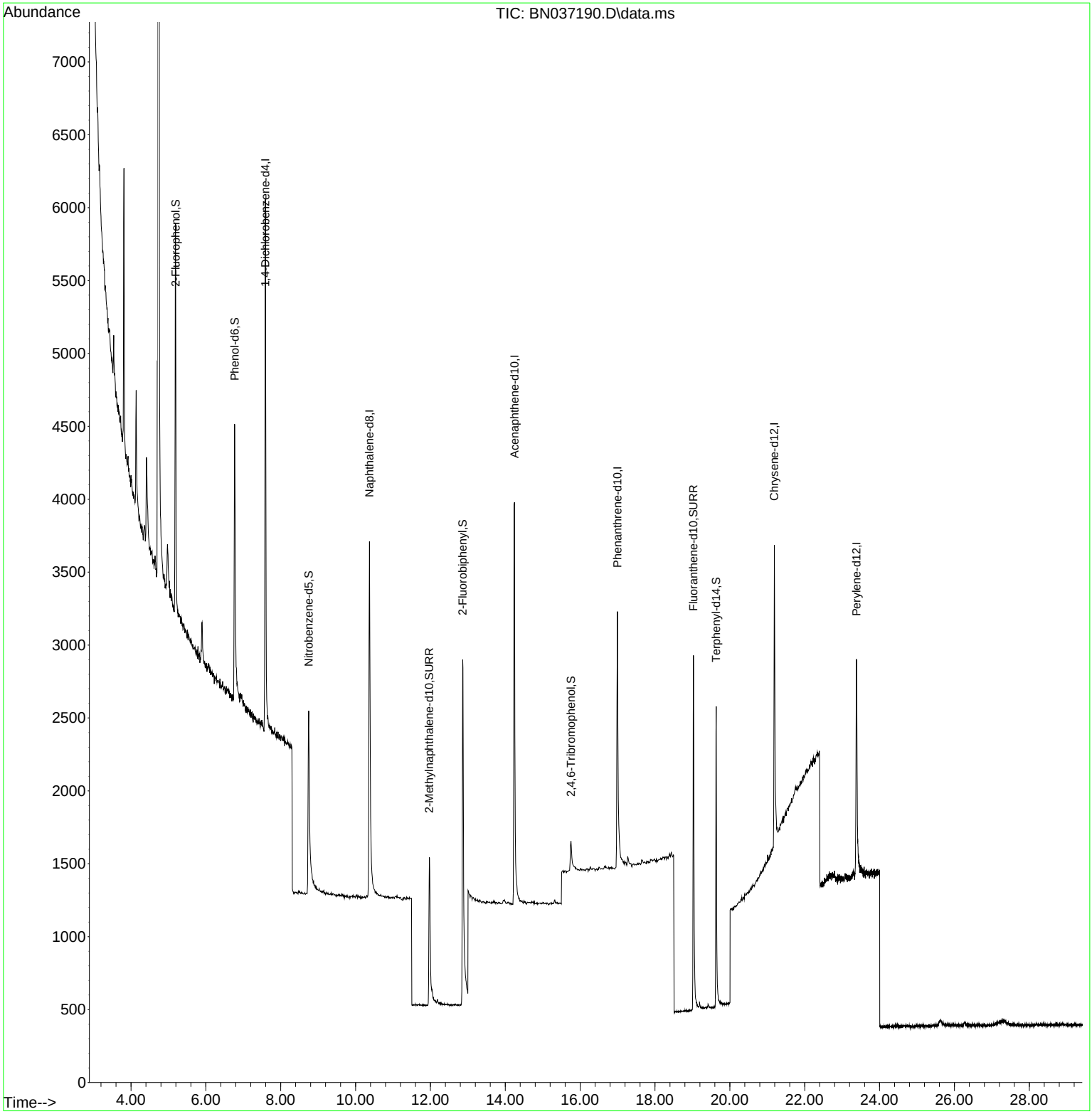
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1816	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4227	0.400	ng	# 0.00
13) Acenaphthene-d10	14.245	164	2101	0.400	ng	0.01
19) Phenanthrene-d10	16.996	188	3500	0.400	ng	0.01
29) Chrysene-d12	21.189	240	2446	0.400	ng	# 0.00
35) Perylene-d12	23.386	264	2291	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1866	0.416	ng	0.00
5) Phenol-d6	6.773	99	1994	0.366	ng	0.00
8) Nitrobenzene-d5	8.749	82	1646	0.369	ng	0.01
11) 2-Methylnaphthalene-d10	11.970	152	2143	0.364	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	207	0.245	ng	0.01
15) 2-Fluorobiphenyl	12.863	172	3619	0.404	ng	0.00
27) Fluoranthene-d10	19.026	212	3511	0.395	ng	0.00
31) Terphenyl-d14	19.635	244	2421	0.420	ng	0.00
Target Compounds						Qvalue

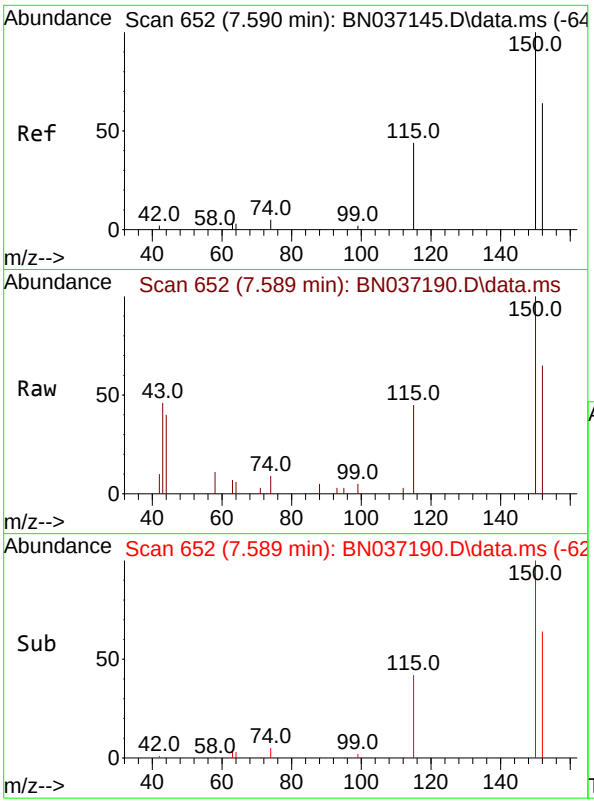
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037190.D
Acq On : 09 Jun 2025 11:30
Operator : RC/JU
Sample : PB168336BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Quant Time: Jun 09 12:24:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



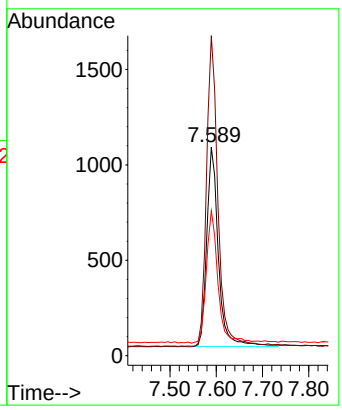


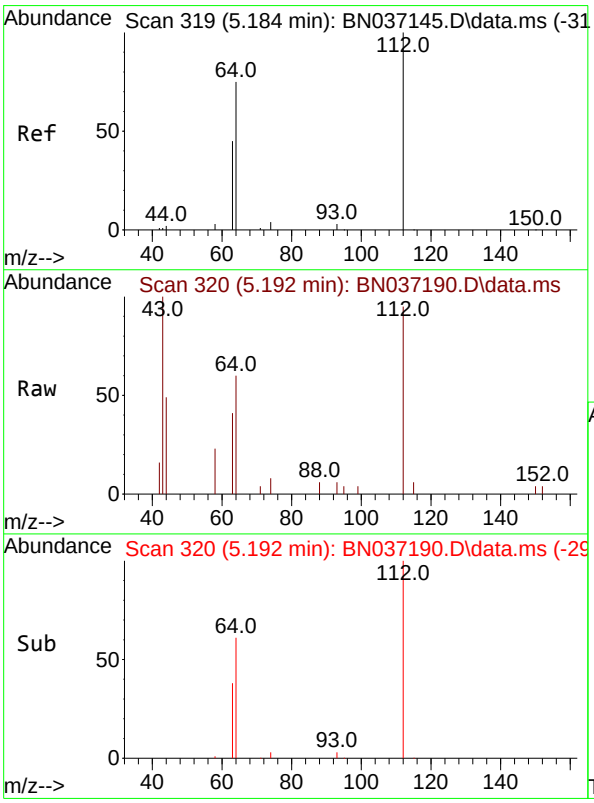
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:152 Resp: 1816

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.2	184.8
115	69.5	56.6	85.0

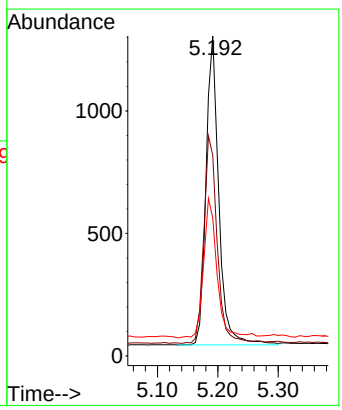


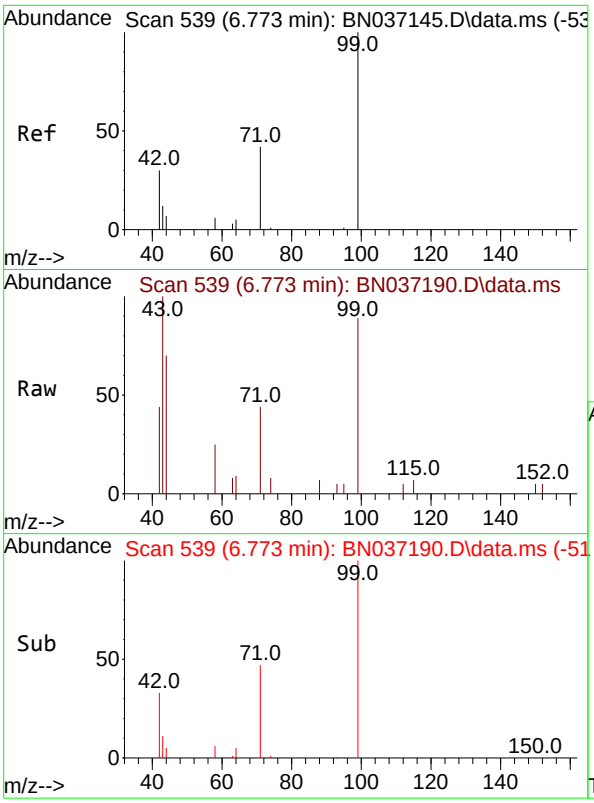


#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:112 Resp: 1866

Ion	Ratio	Lower	Upper
112	100		
64	69.8	56.3	84.5
63	47.4	36.2	54.4



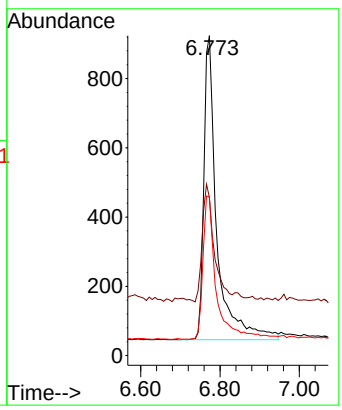


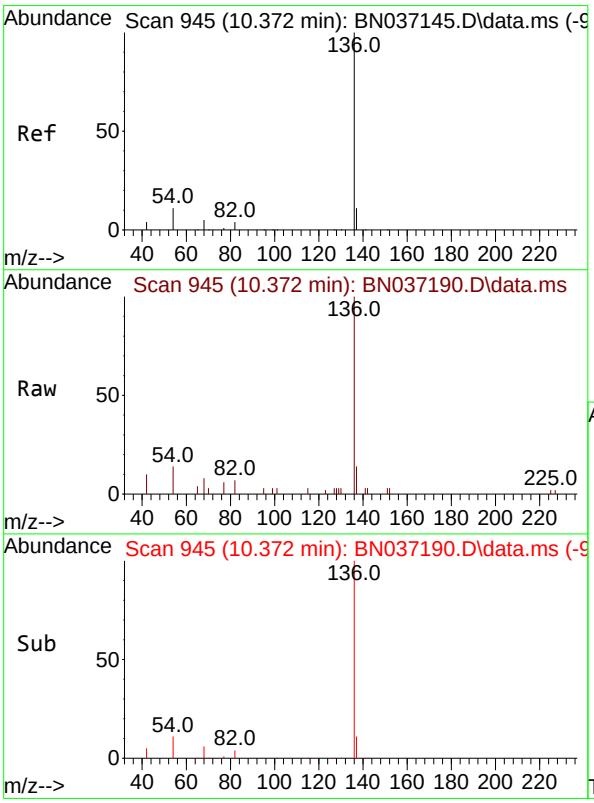
#5
Phenol-d6
Concen: 0.366 ng
RT: 6.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion: 99 Resp: 1994

Ion	Ratio	Lower	Upper
99	100		
42	34.5	31.3	46.9
71	48.8	38.2	57.2

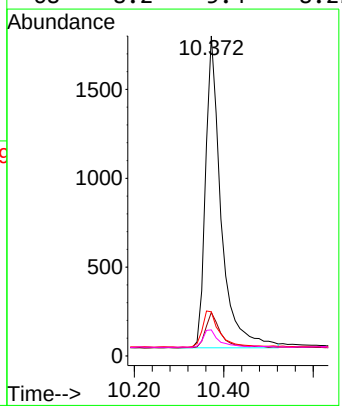


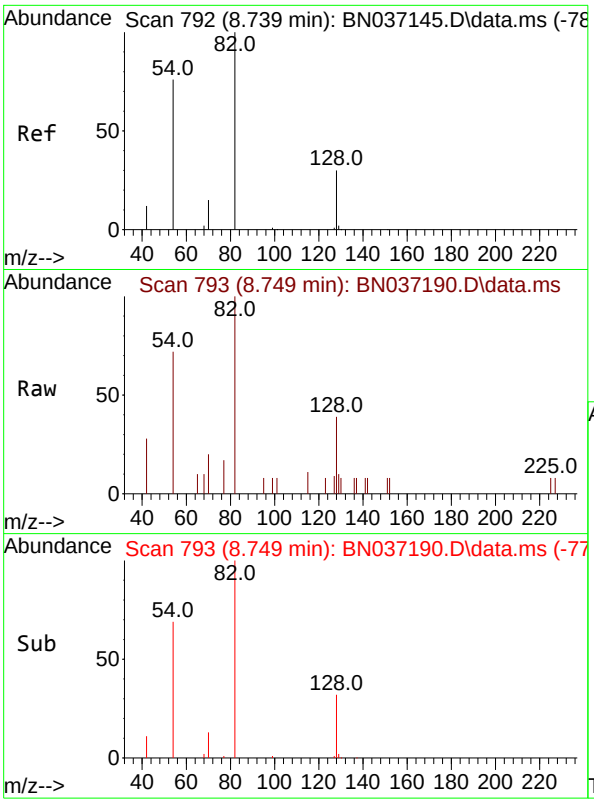


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:136 Resp: 4227

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.7	14.5
54	13.8	9.7	14.5
68	8.2	5.4	8.2#



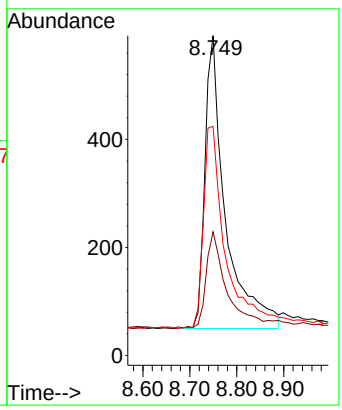


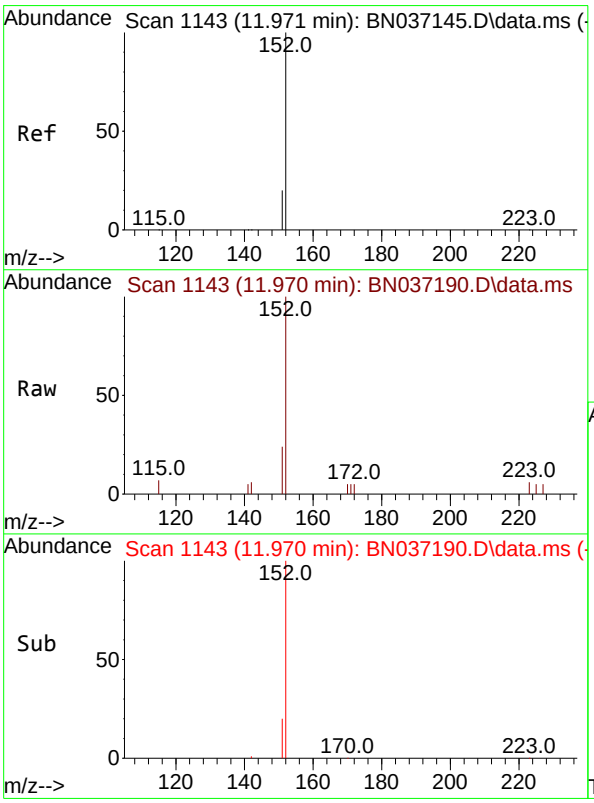
#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.749 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion: 82 Resp: 1646

Ion	Ratio	Lower	Upper
82	100		
128	38.7	26.9	40.3
54	71.6	61.4	92.2

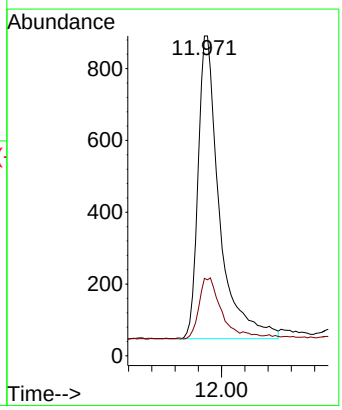


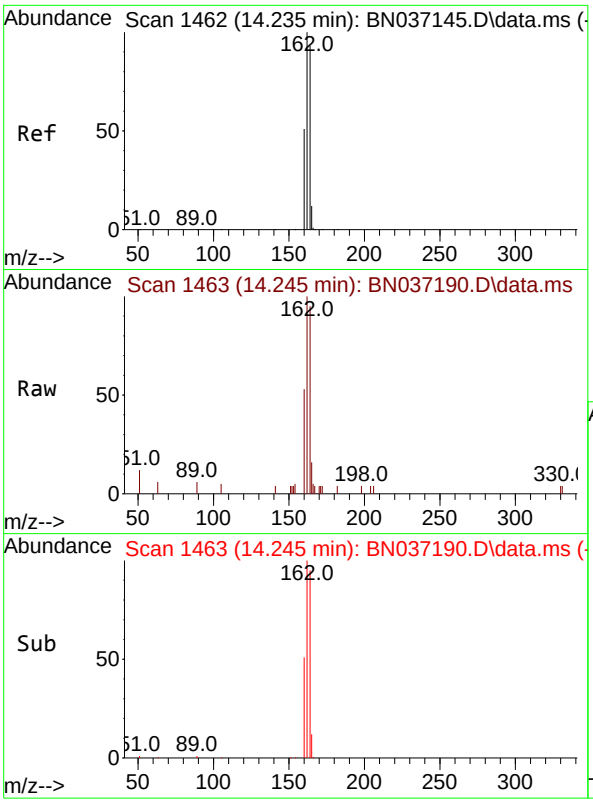


#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 11.970 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:152 Resp: 2143

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.1	25.7



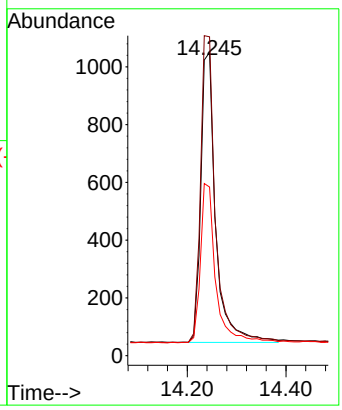


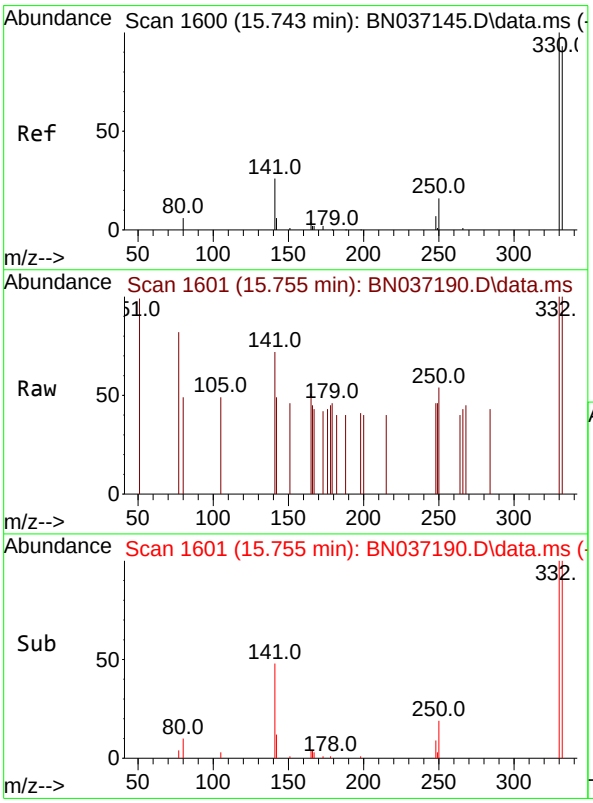
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:164 Resp: 2101

Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.5	128.3
160	55.6	44.6	67.0

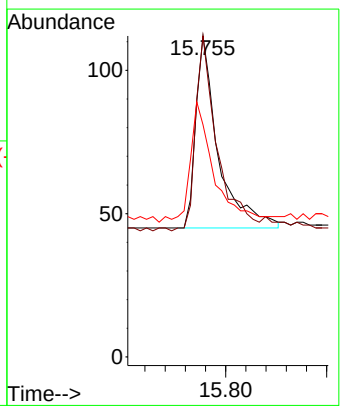


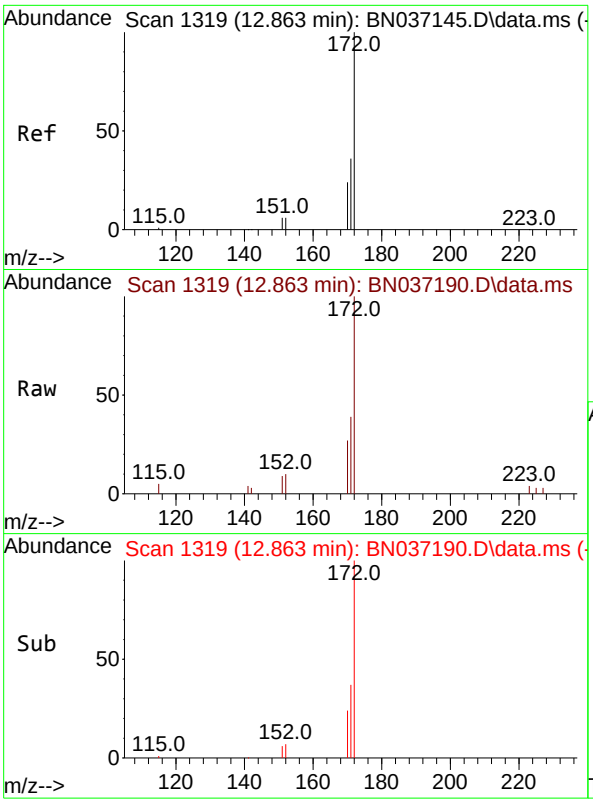


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.755 min Scan# 1601
Delta R.T. 0.012 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:330 Resp: 207

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.1	115.7
141	66.7	46.4	69.6



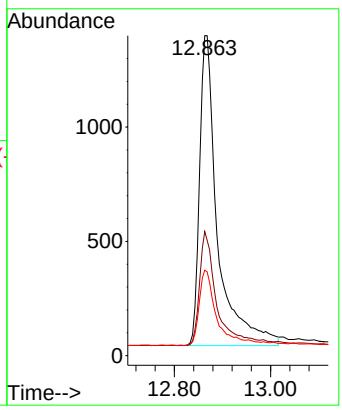


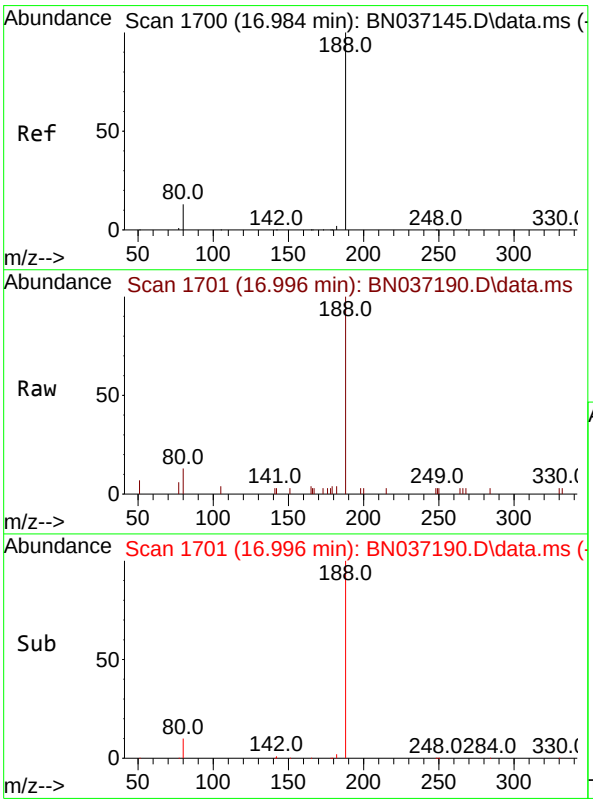
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:172 Resp: 3619

Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.6	44.4
170	26.7	20.3	30.5

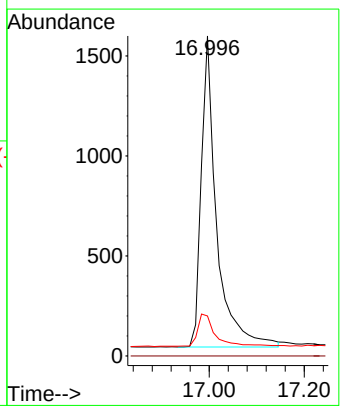


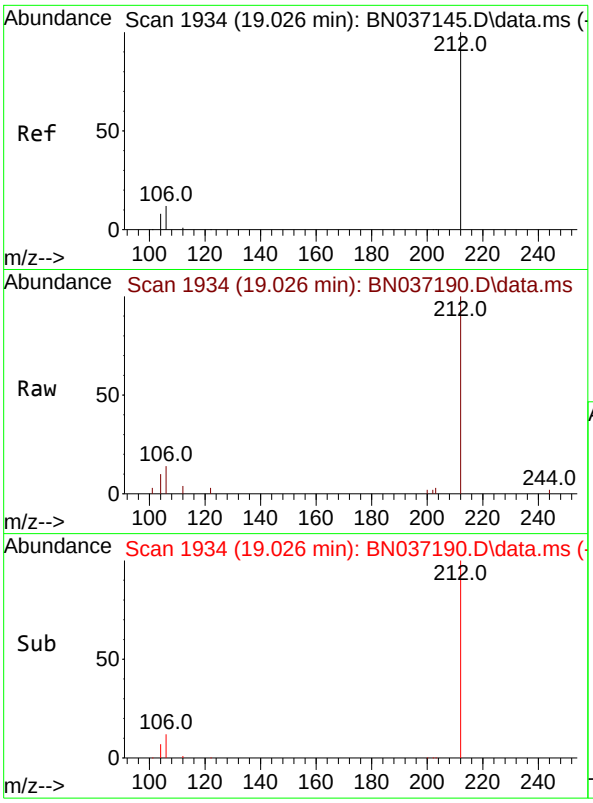


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. 0.012 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:188 Resp: 3500

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	11.3	16.9



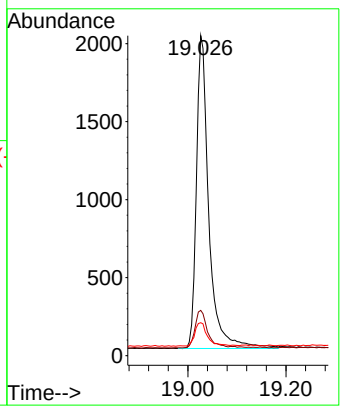


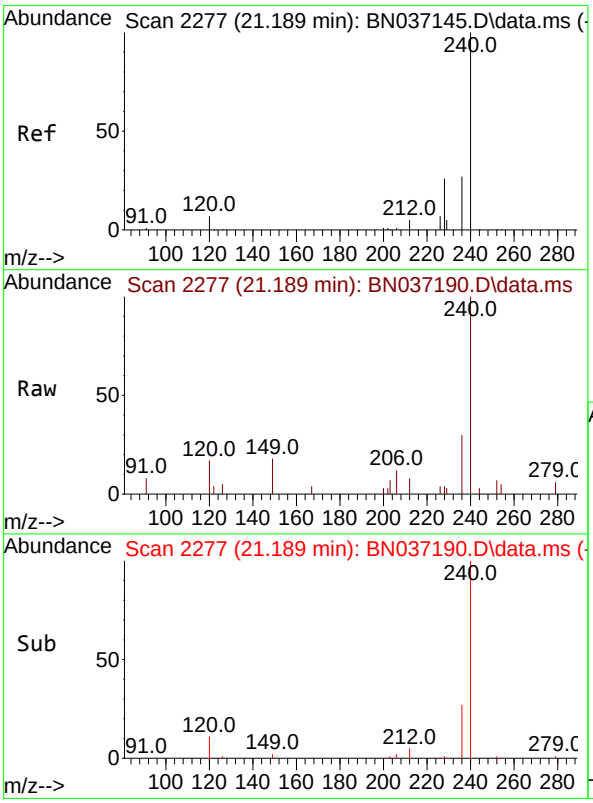
#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:212 Resp: 3511

Ion	Ratio	Lower	Upper
212	100		
106	12.0	10.6	15.8
104	7.4	6.6	9.8

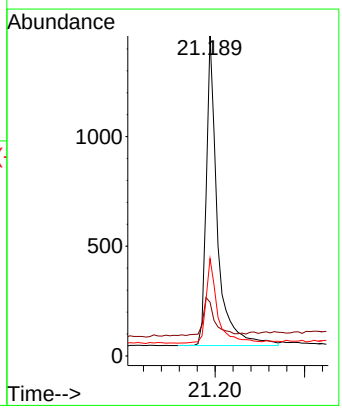


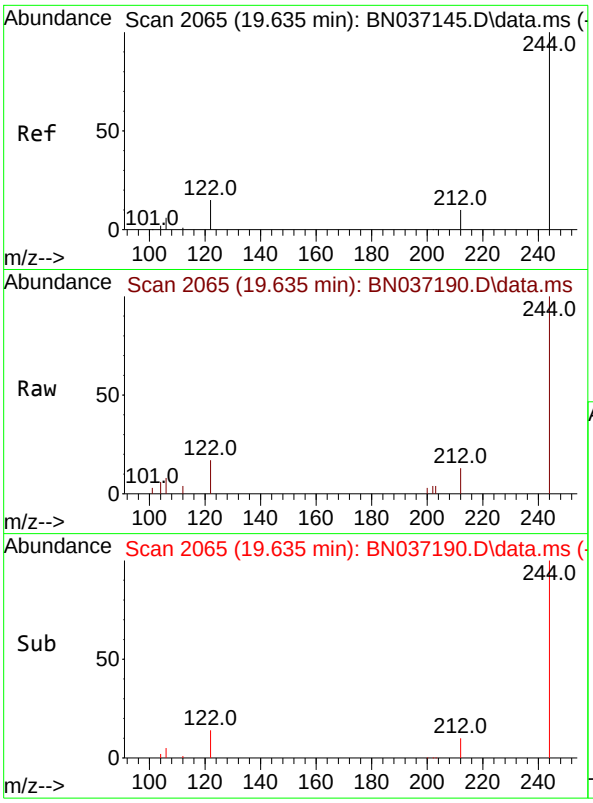


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:240 Resp: 2446

Ion	Ratio	Lower	Upper
240	100		
120	16.8	9.0	13.4#
236	30.4	23.0	34.4



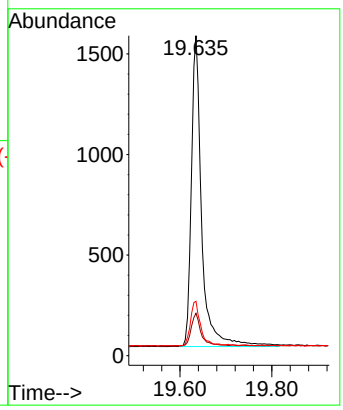


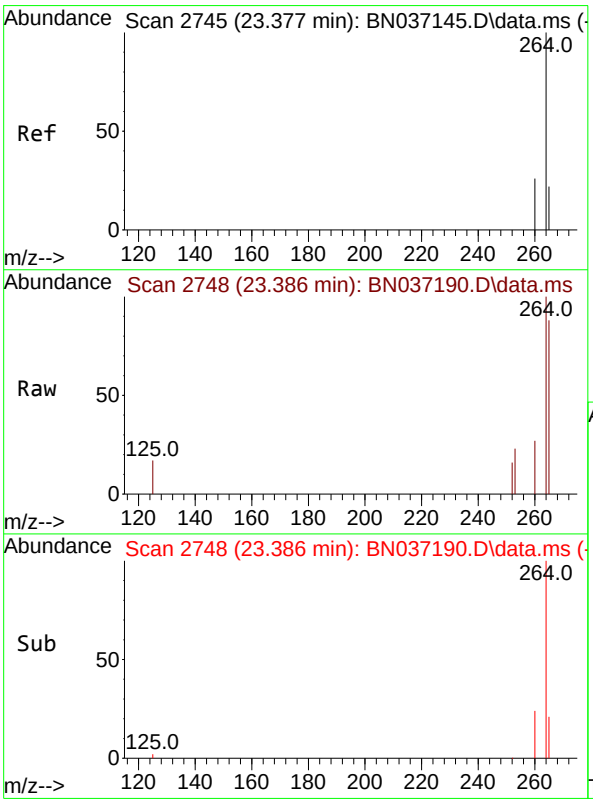
#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:244 Resp: 2421

Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.0	15.0
122	17.0	13.2	19.8

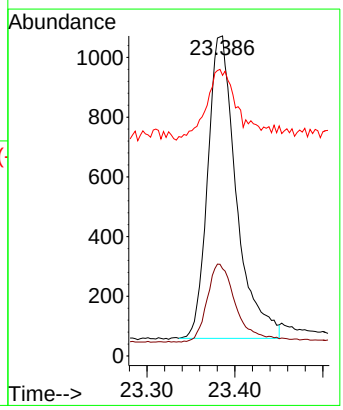




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.386 min Scan# 2748
Delta R.T. 0.009 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:264 Resp: 2291

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.1	33.1
265	87.7	55.8	83.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037201.D
Acq On : 09 Jun 2025 20:40
Operator : RC/JU
Sample : PB168336BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BS

Quant Time: Jun 10 04:03:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

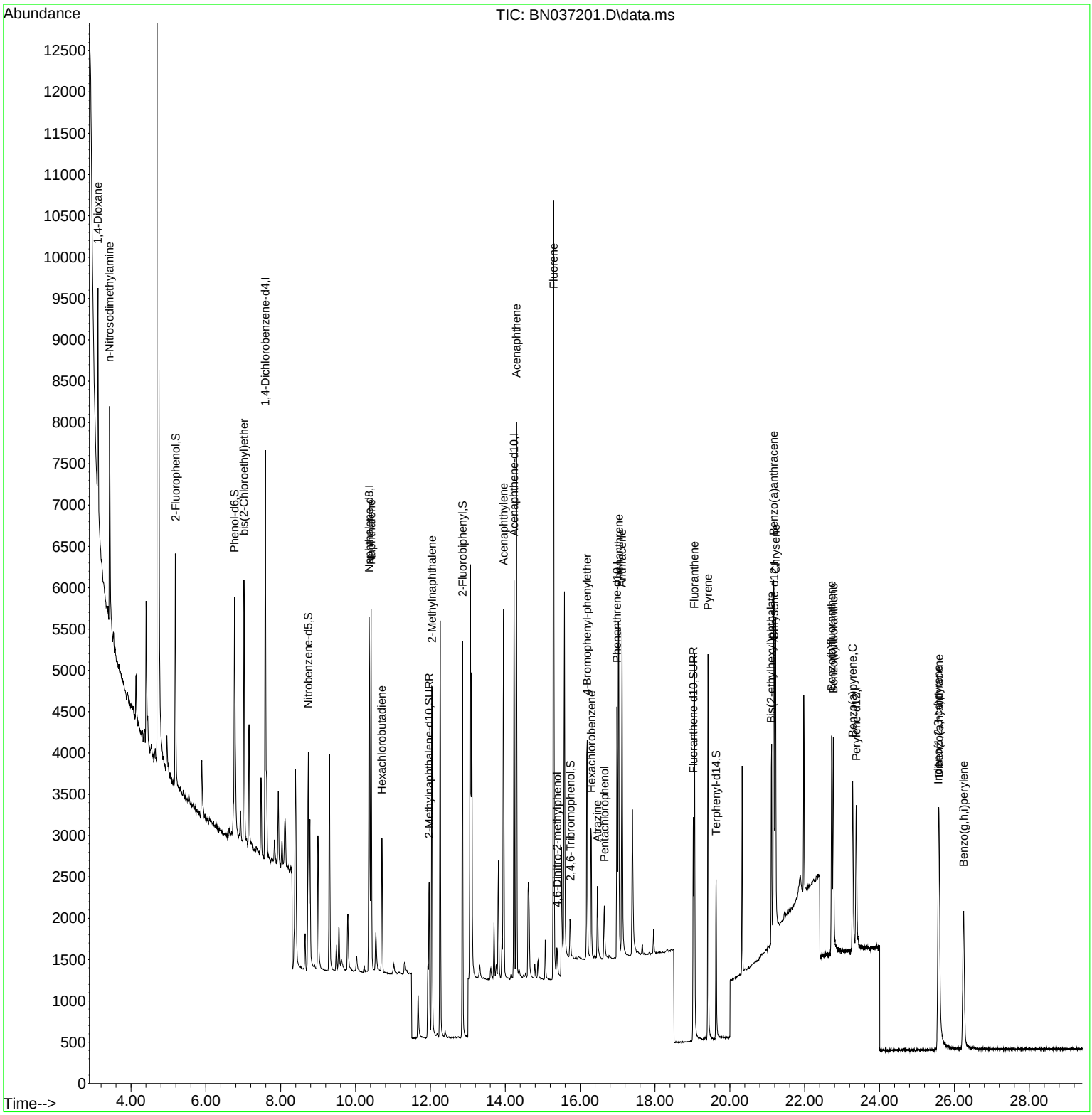
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2227	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	5466	0.400	ng	#-0.01
13) Acenaphthene-d10	14.234	164	2607	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4253	0.400	ng	0.00
29) Chrysene-d12	21.188	240	2468	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	2373	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	2001	0.363	ng	0.00
5) Phenol-d6	6.766	99	2345	0.351	ng	0.00
8) Nitrobenzene-d5	8.738	82	2065	0.358	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2755	0.362	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	307	0.292	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	4234	0.381	ng	0.00
27) Fluoranthene-d10	19.026	212	3278	0.303	ng	0.00
31) Terphenyl-d14	19.634	244	2215	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	1196	0.403	ng	# 44
3) n-Nitrosodimethylamine	3.429	42	2277	0.382	ng	# 91
6) bis(2-Chloroethyl)ether	7.019	93	2167	0.340	ng	95
9) Naphthalene	10.415	128	5395	0.342	ng	100
10) Hexachlorobutadiene	10.703	225	1252	0.364	ng	# 97
12) 2-Methylnaphthalene	12.041	142	3113	0.308	ng	99
16) Acenaphthylene	13.956	152	4871	0.381	ng	100
17) Acenaphthene	14.298	154	2908	0.350	ng	100
18) Fluorene	15.293	166	3677	0.337	ng	100
20) 4,6-Dinitro-2-methylph...	15.389	198	337	0.545	ng	# 68
21) 4-Bromophenyl-phenylether	16.189	248	1073	0.385	ng	91
22) Hexachlorobenzene	16.301	284	1184	0.394	ng	98
23) Atrazine	16.462	200	810	0.352	ng	98
24) Pentachlorophenol	16.648	266	393	0.433	ng	98
25) Phenanthrene	17.033	178	4954	0.360	ng	100
26) Anthracene	17.120	178	4498	0.358	ng	98
28) Fluoranthene	19.054	202	4519	0.297	ng	100
30) Pyrene	19.416	202	4443	0.369	ng	99
32) Benzo(a)anthracene	21.170	228	3255	0.364	ng	98
33) Chrysene	21.224	228	3659	0.368	ng	99
34) Bis(2-ethylhexyl)phtha...	21.108	149	1974	0.350	ng	100
36) Indeno(1,2,3-cd)pyrene	25.573	276	4127	0.437	ng	98
37) Benzo(b)fluoranthene	22.722	252	3317	0.346	ng	92
38) Benzo(k)fluoranthene	22.766	252	3519	0.360	ng	94
39) Benzo(a)pyrene	23.283	252	3154	0.393	ng	94
40) Dibenzo(a,h)anthracene	25.590	278	3219	0.442	ng	96
41) Benzo(g,h,i)perylene	26.248	276	3529	0.422	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037201.D
Acq On : 09 Jun 2025 20:40
Operator : RC/JU
Sample : PB168336BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BS

Quant Time: Jun 10 04:03:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037192.D
Acq On : 09 Jun 2025 14:33
Operator : RC/JU
Sample : Q2250-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 09 15:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2144	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	5670	0.400	ng	#-0.01
13) Acenaphthene-d10	14.234	164	2991	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	5389	0.400	ng	0.00
29) Chrysene-d12	21.188	240	3448	0.400	ng	0.00
35) Perylene-d12	23.380	264	3177	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	842	0.159	ng	0.00
5) Phenol-d6	6.766	99	649	0.101	ng	0.00
8) Nitrobenzene-d5	8.739	82	1888	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2380m	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	466	0.387	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4371	0.343	ng	0.00
27) Fluoranthene-d10	19.026	212	5042	0.368	ng	0.00
31) Terphenyl-d14	19.630	244	3837	0.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.111	88	8692	3.041	ng	94
3) n-Nitrosodimethylamine	3.429	42	693	0.121	ng	# 80
6) bis(2-Chloroethyl)ether	7.019	93	2028	0.331	ng	96
9) Naphthalene	10.415	128	5151	0.315	ng	99
10) Hexachlorobutadiene	10.703	225	918	0.258	ng	# 100
12) 2-Methylnaphthalene	12.036	142	3206	0.306	ng	98
16) Acenaphthylene	13.956	152	5430	0.370	ng	100
17) Acenaphthene	14.299	154	3253	0.342	ng	99
18) Fluorene	15.293	166	4617	0.369	ng	98
20) 4,6-Dinitro-2-methylph...	15.378	198	513	0.599	ng	# 58
21) 4-Bromophenyl-phenylether	16.189	248	1414	0.400	ng	# 83
22) Hexachlorobenzene	16.301	284	1382	0.363	ng	99
23) Atrazine	16.462	200	1269	0.435	ng	# 91
24) Pentachlorophenol	16.636	266	1565	0.901	ng	98
25) Phenanthrene	17.021	178	7297	0.418	ng	99
26) Anthracene	17.120	178	6246	0.392	ng	98
28) Fluoranthene	19.054	202	7085	0.367	ng	# 97
30) Pyrene	19.416	202	7143	0.424	ng	99
32) Benzo(a)anthracene	21.171	228	5416	0.434	ng	99
33) Chrysene	21.224	228	5649	0.407	ng	100
34) Bis(2-ethylhexyl)phtha...	21.117	149	3531	0.448	ng	99
36) Indeno(1,2,3-cd)pyrene	25.576	276	5130	0.406	ng	99
37) Benzo(b)fluoranthene	22.725	252	4923m	0.384	ng	
38) Benzo(k)fluoranthene	22.766	252	4787	0.366	ng	94
39) Benzo(a)pyrene	23.284	252	4119	0.383	ng	93
40) Dibenzo(a,h)anthracene	25.590	278	4003	0.411	ng	100
41) Benzo(g,h,i)perylene	26.245	276	4218	0.377	ng	99

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

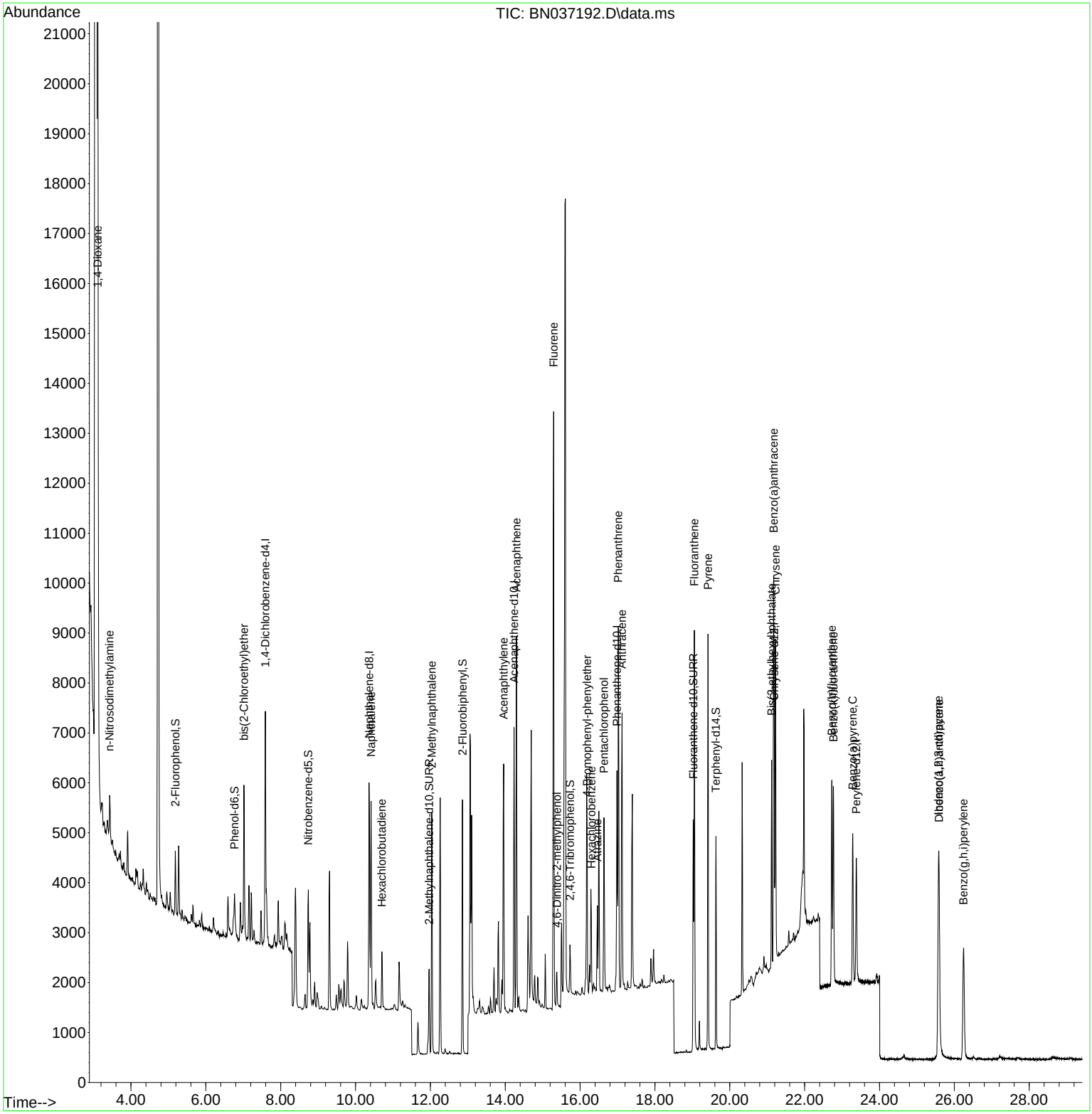
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037192.D
Acq On : 09 Jun 2025 14:33
Operator : RC/JU
Sample : Q2250-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 09 15:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037193.D
Acq On : 09 Jun 2025 15:47
Operator : RC/JU
Sample : Q2250-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 09 16:53:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.590	152	2169	0.400	ng		0.00
7) Naphthalene-d8	10.362	136	5646	0.400	ng		#-0.01
13) Acenaphthene-d10	14.235	164	2926	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	5139	0.400	ng		0.00
29) Chrysene-d12	21.180	240	3419	0.400	ng		# 0.00
35) Perylene-d12	23.374	264	3336	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.185	112	842	0.157	ng		0.00
5) Phenol-d6	6.773	99	692	0.106	ng		0.00
8) Nitrobenzene-d5	8.739	82	1894	0.318	ng		0.00
11) 2-Methylnaphthalene-d10	11.966	152	2373m	0.302	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	451	0.383	ng		-0.01
15) 2-Fluorobiphenyl	12.858	172	4311	0.346	ng		0.00
27) Fluoranthene-d10	19.022	212	4775	0.366	ng		0.00
31) Terphenyl-d14	19.630	244	3637	0.452	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.112	88	9354	3.235	ng		95
3) n-Nitrosodimethylamine	3.430	42	740	0.127	ng	#	83
6) bis(2-Chloroethyl)ether	7.019	93	2082	0.336	ng		97
9) Naphthalene	10.415	128	5110	0.314	ng		98
10) Hexachlorobutadiene	10.703	225	906	0.255	ng	#	98
12) 2-Methylnaphthalene	12.037	142	3210	0.307	ng		98
16) Acenaphthylene	13.957	152	5333	0.372	ng		100
17) Acenaphthene	14.299	154	3131	0.336	ng		99
18) Fluorene	15.293	166	4472	0.365	ng		98
20) 4,6-Dinitro-2-methylph...	15.379	198	471	0.587	ng	#	63
21) 4-Bromophenyl-phenylether	16.190	248	1330	0.395	ng	#	79
22) Hexachlorobenzene	16.301	284	1342	0.369	ng		98
23) Atrazine	16.463	200	1184	0.426	ng	#	93
24) Pentachlorophenol	16.636	266	1464	0.888	ng		98
25) Phenanthrene	17.021	178	6930	0.416	ng		99
26) Anthracene	17.120	178	5874	0.387	ng		98
28) Fluoranthene	19.054	202	6813	0.370	ng	#	97
30) Pyrene	19.417	202	6824	0.409	ng		100
32) Benzo(a)anthracene	21.171	228	5337	0.431	ng		100
33) Chrysene	21.216	228	5681	0.412	ng		98
34) Bis(2-ethylhexyl)phtha...	21.108	149	3448	0.442	ng		100
36) Indeno(1,2,3-cd)pyrene	25.573	276	5422	0.409	ng		99
37) Benzo(b)fluoranthene	22.720	252	5075m	0.377	ng		
38) Benzo(k)fluoranthene	22.761	252	5262	0.383	ng		95
39) Benzo(a)pyrene	23.281	252	4286	0.380	ng	#	88
40) Dibenzo(a,h)anthracene	25.585	278	4235	0.414	ng		99
41) Benzo(g,h,i)perylene	26.240	276	4499	0.383	ng		97

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

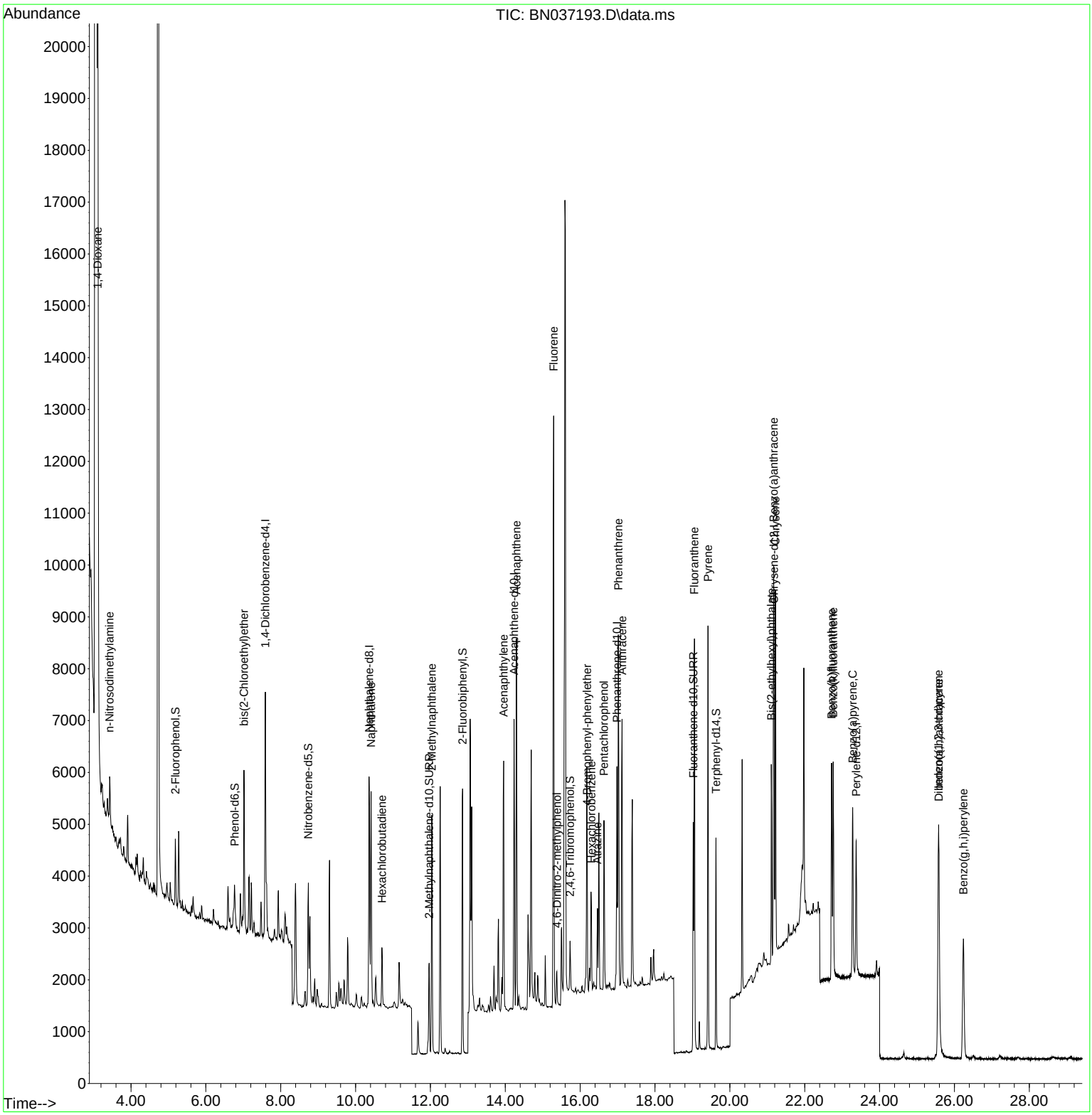
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037193.D
Acq On : 09 Jun 2025 15:47
Operator : RC/JU
Sample : Q2250-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 09 16:53:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



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

Manual Integration Report

Sequence:	BN060325	Instrument	BNA_n

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:	BN060925	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2250-02MS	BN037192.D	2-Methylnaphthalene-d10	Rahul	6/10/2025 11:44:39 AM	Jagrut	6/10/2025 1:37:49 PM	Peak Integrated by Software
Q2250-02MS	BN037192.D	Benzo(b)fluoranthene	Rahul	6/10/2025 11:44:39 AM	Jagrut	6/10/2025 1:37:49 PM	Peak Integrated by Software
Q2250-03MSD	BN037193.D	2-Methylnaphthalene-d10	Rahul	6/10/2025 11:44:42 AM	Jagrut	6/10/2025 1:37:52 PM	Peak Integrated by Software
Q2250-03MSD	BN037193.D	Benzo(b)fluoranthene	Rahul	6/10/2025 11:44:42 AM	Jagrut	6/10/2025 1:37:52 PM	Peak Integrated by Software

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM		
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037142.D	03 Jun 2025 10:21	RC/JU	Ok
2	SSTDICC0.1	BN037143.D	03 Jun 2025 11:39	RC/JU	Ok
3	SSTDICC0.2	BN037144.D	03 Jun 2025 12:15	RC/JU	Ok
4	SSTDICCC0.4	BN037145.D	03 Jun 2025 12:51	RC/JU	Ok
5	SSTDICC0.8	BN037146.D	03 Jun 2025 13:26	RC/JU	Ok
6	SSTDICC1.6	BN037147.D	03 Jun 2025 14:02	RC/JU	Ok
7	SSTDICC3.2	BN037148.D	03 Jun 2025 14:38	RC/JU	Ok
8	SSTDICC5.0	BN037149.D	03 Jun 2025 15:14	RC/JU	Ok
9	SSTDICV0.4	BN037150.D	03 Jun 2025 15:53	RC/JU	Ok
10	PB168238BL	BN037151.D	03 Jun 2025 17:05	RC/JU	Not Ok
11	Q2181-01	BN037152.D	03 Jun 2025 17:41	RC/JU	Dilution
12	Q2181-01DL	BN037153.D	03 Jun 2025 18:18	RC/JU	Ok
13	SSTDCCC0.4	BN037154.D	03 Jun 2025 18:54	RC/JU	Ok
14	DFTPP	BN037155.D	03 Jun 2025 20:10	RC/JU	Ok
15	SSTDCCC0.4	BN037156.D	03 Jun 2025 20:49	RC/JU	Ok
16	PB168238BL	BN037157.D	03 Jun 2025 21:25	RC/JU	Not Ok
17	Q2162-03	BN037158.D	03 Jun 2025 22:01	RC/JU	Ok
18	Q2162-07	BN037159.D	03 Jun 2025 22:37	RC/JU	Ok
19	Q2162-09	BN037160.D	03 Jun 2025 23:13	RC/JU	Ok
20	Q2162-10	BN037161.D	03 Jun 2025 23:49	RC/JU	Ok
21	PB168238BS	BN037162.D	04 Jun 2025 00:25	RC/JU	Not Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM		
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB168238BSD	BN037163.D	04 Jun 2025 01:01	RC/JU	Not Ok
23	SSTDCCC0.4	BN037164.D	04 Jun 2025 02:13	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060925

Review By	Rahul	Review On	6/10/2025 11:45:37 AM		
Supervise By	Jagrut	Supervise On	6/10/2025 1:38:10 PM		
SubDirectory	BN060925	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037188.D	09 Jun 2025 10:15	RC/JU	Ok
2	SSTDCCC0.4	BN037189.D	09 Jun 2025 10:54	RC/JU	Ok
3	PB168336BL	BN037190.D	09 Jun 2025 11:30	RC/JU	Ok
4	Q2250-01	BN037191.D	09 Jun 2025 12:06	RC/JU	Ok
5	Q2250-02MS	BN037192.D	09 Jun 2025 14:33	RC/JU	Ok,M
6	Q2250-03MSD	BN037193.D	09 Jun 2025 15:47	RC/JU	Ok,M
7	Q2251-03	BN037194.D	09 Jun 2025 16:26	RC/JU	Ok
8	Q2251-05	BN037195.D	09 Jun 2025 17:02	RC/JU	Ok
9	Q2251-06	BN037196.D	09 Jun 2025 17:39	RC/JU	Ok
10	Q2253-01	BN037197.D	09 Jun 2025 18:15	RC/JU	Ok
11	Q2253-02	BN037198.D	09 Jun 2025 18:51	RC/JU	Ok
12	Q2250-05	BN037199.D	09 Jun 2025 19:27	RC/JU	Ok
13	Q2254-01	BN037200.D	09 Jun 2025 20:04	RC/JU	Ok
14	PB168336BS	BN037201.D	09 Jun 2025 20:40	RC/JU	Ok
15	SSTDCCC0.4	BN037202.D	09 Jun 2025 21:16	RC/JU	Ok
16	DFTPP	BN037203.D	09 Jun 2025 22:32	RC/JU	Ok
17	SSTDCCC0.4	BN037204.D	09 Jun 2025 23:11	RC/JU	Ok
18	PB168336BL	BN037205.D	09 Jun 2025 23:48	RC/JU	Not Ok
19	Q2234-01	BN037206.D	10 Jun 2025 00:24	RC/JU	Ok
20	Q2234-05	BN037207.D	10 Jun 2025 01:00	RC/JU	Ok
21	Q2234-06	BN037208.D	10 Jun 2025 01:36	RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060925

Review By	Rahul	Review On	6/10/2025 11:45:37 AM				
Supervise By	Jagrut	Supervise On	6/10/2025 1:38:10 PM				
SubDirectory	BN060925	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325		

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2234-07	BN037209.D	10 Jun 2025 02:12	RC/JU	Dilution
23	Q2250-04	BN037210.D	10 Jun 2025 02:49	RC/JU	Ok
24	Q2209-01	BN037211.D	10 Jun 2025 03:25	RC/JU	Ok
25	Q2210-01	BN037212.D	10 Jun 2025 04:01	RC/JU	Ok
26	Q2234-07DL	BN037213.D	10 Jun 2025 09:49	RC/JU	Ok
27	SSTDCCC0.4	BN037214.D	10 Jun 2025 10:25	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM	
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM	
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037142.D	03 Jun 2025 10:21		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN037143.D	03 Jun 2025 11:39	Compound #20,24 removed from 0.1 PPM	RC/JU	Ok
3	SSTDICC0.2	SSTDICC0.2	BN037144.D	03 Jun 2025 12:15		RC/JU	Ok
4	SSTDICCC0.4	SSTDICCC0.4	BN037145.D	03 Jun 2025 12:51	Compound #20,24 kept on LR.	RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN037146.D	03 Jun 2025 13:26		RC/JU	Ok
6	SSTDICC1.6	SSTDICC1.6	BN037147.D	03 Jun 2025 14:02		RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN037148.D	03 Jun 2025 14:38	Method is good for DOD and NONDOD.	RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN037149.D	03 Jun 2025 15:14		RC/JU	Ok
9	SSTDICV0.4	ICVBN060325	BN037150.D	03 Jun 2025 15:53		RC/JU	Ok
10	PB168238BL	PB168238BL	BN037151.D	03 Jun 2025 17:05	Not Used	RC/JU	Not Ok
11	Q2181-01	38072-062624	BN037152.D	03 Jun 2025 17:41	Need 50X Dilution	RC/JU	Dilution
12	Q2181-01DL	38072-062624DL	BN037153.D	03 Jun 2025 18:18		RC/JU	Ok
13	SSTDCCC0.4	SSTDCCC0.4EC	BN037154.D	03 Jun 2025 18:54		RC/JU	Ok
14	DFTPP	DFTPP	BN037155.D	03 Jun 2025 20:10		RC/JU	Ok
15	SSTDCCC0.4	SSTDCCC0.4	BN037156.D	03 Jun 2025 20:49		RC/JU	Ok
16	PB168238BL	PB168238BL	BN037157.D	03 Jun 2025 21:25	Not Used	RC/JU	Not Ok
17	Q2162-03	BP-VPB-182-GW-580-5	BN037158.D	03 Jun 2025 22:01		RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM	
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM	
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2162-07	BP-VPB-182-GW-620-6	BN037159.D	03 Jun 2025 22:37		RC/JU	Ok
19	Q2162-09	BP-VPB-182-DUP-2025	BN037160.D	03 Jun 2025 23:13		RC/JU	Ok
20	Q2162-10	BP-VPB-182-EB-20250	BN037161.D	03 Jun 2025 23:49		RC/JU	Ok
21	PB168238BS	PB168238BS	BN037162.D	04 Jun 2025 00:25	Recovery Fail for 1,4 Dioxane from low side	RC/JU	Not Ok
22	PB168238BSD	PB168238BSD	BN037163.D	04 Jun 2025 01:01	Recovery Fail for 1,4 Dioxane from low side	RC/JU	Not Ok
23	SSTDCCC0.4	SSTDCCC0.4EC	BN037164.D	04 Jun 2025 02:13		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060925

Review By	Rahul	Review On	6/10/2025 11:45:37 AM	
Supervise By	Jagrut	Supervise On	6/10/2025 1:38:10 PM	
SubDirectory	BN060925	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037188.D	09 Jun 2025 10:15		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037189.D	09 Jun 2025 10:54		RC/JU	Ok
3	PB168336BL	PB168336BL	BN037190.D	09 Jun 2025 11:30		RC/JU	Ok
4	Q2250-01	MW-11A-13.5-060525	BN037191.D	09 Jun 2025 12:06		RC/JU	Ok
5	Q2250-02MS	MW-11A-13.5-060525M	BN037192.D	09 Jun 2025 14:33		RC/JU	Ok,M
6	Q2250-03MSD	MW-11A-13.5-060525M	BN037193.D	09 Jun 2025 15:47		RC/JU	Ok,M
7	Q2251-03	BP-VPB-182-GW-760-7	BN037194.D	09 Jun 2025 16:26		RC/JU	Ok
8	Q2251-05	BP-VPB-182-EB-20250	BN037195.D	09 Jun 2025 17:02		RC/JU	Ok
9	Q2251-06	VPB182-HYD-2025060	BN037196.D	09 Jun 2025 17:39		RC/JU	Ok
10	Q2253-01	RW8-SP100-20250605	BN037197.D	09 Jun 2025 18:15		RC/JU	Ok
11	Q2253-02	RW8-SP303-20250605	BN037198.D	09 Jun 2025 18:51		RC/JU	Ok
12	Q2250-05	EB02-060525	BN037199.D	09 Jun 2025 19:27		RC/JU	Ok
13	Q2254-01	BP-VPB-182-GW-810-8	BN037200.D	09 Jun 2025 20:04		RC/JU	Ok
14	PB168336BS	PB168336BS	BN037201.D	09 Jun 2025 20:40		RC/JU	Ok
15	SSTDCCC0.4	SSTDCCC0.4EC	BN037202.D	09 Jun 2025 21:16		RC/JU	Ok
16	DFTPP	DFTPP	BN037203.D	09 Jun 2025 22:32		RC/JU	Ok
17	SSTDCCC0.4	SSTDCCC0.4	BN037204.D	09 Jun 2025 23:11		RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060925

Review By	Rahul	Review On	6/10/2025 11:45:37 AM	
Supervise By	Jagrut	Supervise On	6/10/2025 1:38:10 PM	
SubDirectory	BN060925	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB168336BL	PB168336BL	BN037205.D	09 Jun 2025 23:48	analyzed to check contamination.	RC/JU	Not Ok
19	Q2234-01	MW-17B-55-060425	BN037206.D	10 Jun 2025 00:24		RC/JU	Ok
20	Q2234-05	MW-18B-56-060425	BN037207.D	10 Jun 2025 01:00		RC/JU	Ok
21	Q2234-06	MW-18B-56-060425-FD	BN037208.D	10 Jun 2025 01:36		RC/JU	Ok
22	Q2234-07	MW-19B-72-060425	BN037209.D	10 Jun 2025 02:12	Need 2X dilutiion	RC/JU	Dilution
23	Q2250-04	MW-06-6.5-060525	BN037210.D	10 Jun 2025 02:49		RC/JU	Ok
24	Q2209-01	P01W	BN037211.D	10 Jun 2025 03:25		RC/JU	Ok
25	Q2210-01	TW1	BN037212.D	10 Jun 2025 04:01		RC/JU	Ok
26	Q2234-07DL	MW-19B-72-060425DL	BN037213.D	10 Jun 2025 09:49		RC/JU	Ok
27	SSTDCCC0.4	SSTDCCC0.4EC	BN037214.D	10 Jun 2025 10:25		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168336 7

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 06/06/2025

Extraction Start Time : 11:54

Extraction End Date : 06/06/2025

Extraction End Time : 17:10

Concentration By: EH

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	0.4 PPM	SP6756
Surrogate	1.0ML	0.4 PPM	SP6758
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
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2620
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
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:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/6/25	RS (Ext-Lab)	JH / SVOC
17:15	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168336

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 06/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168336BL	SBLK336	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			SEP-1
PB168336BS	SLCS336	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1			2
Q2209-01	P01W	SVOC-SIMGrou p1	990	6	RUPESH	ritesh	1	C		3
Q2210-01	TW1	SVOCMS Group2	1000	6	RUPESH	ritesh	1	E		4
Q2234-01	MW-17B-55-060425	SVOC-SIMGrou p1	980	6	RUPESH	ritesh	1	H		5
Q2234-05	MW-18B-56-060425	SVOC-SIMGrou p1	970	11	RUPESH	ritesh	1	E		6
Q2234-06	MW-18B-56-060425-FD	SVOC-SIMGrou p1	1000	11	RUPESH	ritesh	1	E		7
Q2234-07	MW-19B-72-060425	SVOC-SIMGrou p1	980	6	RUPESH	ritesh	1	E		8
Q2250-01	MW-11A-13.5-060525	SVOC-SIMGrou p1	930	6	RUPESH	ritesh	1	E		9
Q2250-02	Q2250-01MS	SVOC-SIMGrou p1	960	6	RUPESH	ritesh	1	E		10
Q2250-03	Q2250-01MSD	SVOC-SIMGrou p1	990	6	RUPESH	ritesh	1	E		11
Q2250-04	MW-06-6.5-060525	SVOC-SIMGrou p1	970	6	RUPESH	ritesh	1	A		12
Q2250-05	EB02-060525	SVOC-SIMGrou p1	990	6	RUPESH	ritesh	1	J		13
Q2251-03	BP-VPB-182-GW-760-762	SVOC-SIMGrou p1	850	6	RUPESH	ritesh	1	C		14
Q2251-05	BP-VPB-182-EB-20250604	SVOC-SIMGrou p1	870	6	RUPESH	ritesh	1	C		15
Q2251-06	VPB182-HYD-20250605	SVOC-SIMGrou p1	890	6	RUPESH	ritesh	1	C		16
Q2253-01	RW8-SP100-20250605	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	B		SEP-1
Q2253-02	RW8-SO303-20250605	SVOC-SIMGrou p1	1000	6	RUPESH	ritesh	1	D		2
Q2254-01	BP-VPB-182-GW-810-812	SVOC-SIMGrou p1	890	6	RUPESH	ritesh	1			3

RS 6/6

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

168236 11:54

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2250 **WorkList ID :** 190013 **Department :** Extraction **Date :** 06-06-2025 11:47:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2209-01	P01W	Water	SVOC-SIMGroup1	Cool 4 deg C	GENV01	N31	06/04/2025	8270-Modified
Q2210-01	TW1	Water	SVOCMS Group2	Cool 4 deg C	GENV01	L31	06/03/2025	8270-Modified
Q2234-01	MW-17B-55-060425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	N31	06/04/2025	8270-Modified
Q2234-05	MW-18B-56-060425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	N31	06/04/2025	8270-Modified
Q2234-06	MW-18B-56-060425-FD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	N31	06/04/2025	8270-Modified
Q2234-07	MW-19B-72-060425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	N31	06/04/2025	8270-Modified
Q2250-01	MW-11A-13.5-060525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2250-02	Q2250-01MS	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2250-03	Q2250-01MSD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2250-04	MW-06-6.5-060525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2250-05	EB02-060525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2251-03	BP-VPB-182-GW-760-762	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	06/03/2025	8270-Modified
Q2251-05	BP-VPB-182-EB-20250604	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	06/04/2025	8270-Modified
Q2251-06	VPB182-HYD-20250605	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	06/05/2025	8270-Modified
Q2253-01	RW8-SP100-20250605	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D21	06/05/2025	8270-Modified
Q2253-02	RW8-SO303-20250605	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D21	06/05/2025	8270-Modified
Q2254-01	BP-VPB-182-GW-810-812	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D21	06/05/2025	8270-Modified

Date/Time 6/6/25 11:47
Raw Sample Received by: RS (FLA-lab)
Raw Sample Relinquished by: JD (CSM)

Date/Time 6/6/25 12:45
Raw Sample Received by: JD (CSM)
Raw Sample Relinquished by: RS (FLA-lab)

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

LAB CHRONICLE

OrderID:	Q2209	**OrderDate:**	6/4/2025 1:52:00 PM
Client:	G Environmental	**Project:**	Power
Contact:	Gary Landis	**Location:**	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2209-01	**P01W**	**Water**			**06/04/25**			**06/04/25**
			SVOCMS Group2	8270E		06/06/25	06/09/25	
			SVOC-SIMGroup1	8270-Modified		06/06/25	06/10/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q2209
QUOTE NO.
COC Number 2046769

8

8.1

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO: COMPANY: Genvironmental	PROJECT NAME: Power	BILL TO: Genvironmental PO#:
ADDRESS: 8 Carriage Lane	PROJECT NO.: LOCATION: NJ	ADDRESS: 8 Carriage
CITY Succasunna STATE NJ ZIP 07876	PROJECT MANAGER: GV	CITY Succasunna STATE: NJ ZIP:
ATTENTION:	e-mail:	ATTENTION: PHONE:
PHONE: FAX:	PHONE: FAX:	

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ❑ Level 1 (Results Only)
- ❑ Level 2 (Results + QC)
- ❑ Level 3 (Results + QC + Raw Data)
- ❑ Level 4 (QC + Full Raw Data)
- X NJ Reduced
- ❑ US EPA CLP
- ❑ NYS ASP A
- ❑ NYS ASP B
- ❑ Other excel
- X EDD FORMAT NJ DKQ SRP NJEDSA

ANALYSIS

1. TCL VOC+15 (TBA, MTBE)
2. TCL BNA+15 (no pest) (low level)
3. low level 1,4-Dioxane

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1 (HCl)	2	3	4	5	6	7	8	9	COMMENTS
1.	P01W	GW		X	6/4/25	1100	4	X	X	X							
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]		1. [signature] 6/4/25 13:10
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 3.4 °C
Comments:

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

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 : Q2209 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 6/4/2025 1:52:00 PM
Project Name : Power
Receive DateTime : 6/4/2025 1:10:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level 1~~ NJ Reduce
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2209-01	P01W	Water	06/04/2025	11:00					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinquished By : [signature]
Date / Time : 6/4/25 1435

Received By : [signature]
Date / Time : 06/04/25 14:35

Storage Area : VOA Refridgerator Room